

**APPENDIX A
DATA USABILITY SUMMARY REPORT**

DATA USABILITY SUMMARY REPORT

ONONDAGA LAKE PRE-DESIGN INVESTIGATION

PHASE V

Prepared For:

Honeywell

301 Plainfield Road, Suite 330
Syracuse, NY 13212

Prepared By:

PARSONS

301 Plainfield Road, Suite 350
Syracuse, New York 13212
Phone: (315) 451-9560
Fax: (315) 451-9570

MARCH 2010

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**ATTACHMENT A-4 VALIDATED LABORATORY DATA FOR PHASE
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SAMPLES**

SECTION A1

DATA USABILITY SUMMARY

Sediment samples, porewater centrifuge samples, porewater sediment samples, and groundwater vibracore samples were collected from the Onondaga Lake Pre-Design Investigation (PDI) sites in Solvay, New York from July 8, 2009 through December 3, 2009. Analytical results from these samples were validated and reviewed by Parsons for usability with respect to the following requirements:

- Onondaga Lake PDI Phase V Work Plan,
- July 2005 NYSDEC Analytical Services Protocol (ASP), and
- USEPA Region II Standard Operating Procedures (SOPs) for organic and inorganic data review.

The analytical laboratories for this project were Accutest Laboratories, Inc. (Accutest) and Lancaster Laboratories, Inc. (LLI). The laboratory for the Phase IV Addendum 1 Habitat samples was Test America Laboratory (TAL). These laboratories are certified to conduct project analyses through the New York State Department of Health (NYSDOH) and the National Environmental Laboratory Accreditation Program (NELAP).

A1.1 LABORATORY DATA PACKAGES

The laboratory data package turnaround time, defined as the time from sample receipt by the laboratory to receipt of the analytical data packages by Parsons, was 35 days on average for the samples.

The laboratory data packages received from Accutest, LLI, and TAL were paginated, complete, and overall were of good quality. Comments on specific quality control (QC) and other requirements are discussed in detail in the attached data validation reports which are summarized by sample media in Section A2.

A1.2 SAMPLING AND CHAIN-OF-CUSTODY

The samples were collected, properly preserved, shipped under a COC record, and received at Accutest, LLI, and TAL within one to two days of sampling. All samples were received intact and in good condition at Accutest, LLI, and TAL.

A1.3 LABORATORY ANALYTICAL METHODS

The sediment samples and the Follow-Up sediment samples were collected from the site and analyzed for the chemical parameter of interest (CPOI) volatile organic compounds (VOCs); the CPOI semivolatile organic compounds (SVOCs) of phenol and polynuclear aromatic hydrocarbons (PAHs); polychlorinated biphenyls (PCBs); mercury; pH; and/or total organic

carbon (TOC). The Addendum 6 SMU-5 sediment samples were collected from the site and analyzed for mercury. The Addendum 3 porewater centrifuge samples were collected and analyzed for the CPOI VOCs, mercury, dissolved organic carbon (DOC), and pH. The Addendum 3 porewater sediment samples were collected and analyzed for the CPOI VOCs, mercury, TOC, and pH. The groundwater vibrocore samples were collected and analyzed for the cations calcium, iron, magnesium, manganese, potassium, and sodium; the anions chloride, sulfate, nitrate, nitrite, nitrate-nitrite, and orthophosphate; salinity; and specific conductivity. The Phase IV and Phase V Addendum 1 Habitat samples were collected and analyzed for TOC. Summaries of issues concerning these laboratory analyses are presented in Subsections A1.3.1 through A1.3.5. The data qualifications resulting from the data validation review and statements on the laboratory analytical precision, accuracy, representativeness, completeness, and comparability (PARCC) are discussed for each analytical method in Section A2. The laboratory data were reviewed and may be qualified with the following validation flags:

- "U" - not detected at the value given,
- "UJ" - estimated and not detected at the value given,
- "J" - estimated at the value given,
- "N" - presumptive evidence at the value given, and
- "R" - unusable value.

The validated laboratory data were tabulated and are presented by media in Attachment A.

A1.3.1 Volatile Organic Analysis

Sediment, Follow-Up sediment, Addendum 3 porewater, and Addendum 3 porewater sediment samples collected from the site were analyzed for the CPOI VOCs using the USEPA SW-846 8260B analytical method. Certain reported results for the VOC samples were qualified as estimated based upon sample surrogate recoveries, matrix spike/matrix spike duplicate (MS/MSD) recoveries, laboratory control sample (LCS) recoveries, instrument calibrations, internal standard responses, field duplicate precision, and sediment sample moisture content. Certain reported results for the VOC samples were considered unusable and qualified "R" based upon poor MS/MSD recoveries. The reported VOC analytical results were 99.97% to 100% complete (i.e., usable) for the data presented by Accutest and LLI. PARCC requirements were met overall.

A1.3.2 Semivolatile Organic Analysis

Sediment and Follow-Up sediment samples collected from the site were analyzed for the CPOI SVOCs of phenol and PAHs using the USEPA SW-846 8270C analytical method. Certain reported results for these samples were qualified as estimated based upon holding times, surrogate recoveries, MS/MSD recoveries, LCS recoveries, instrument performance, instrument calibrations, internal standard responses, field duplicate precision, and sediment sample moisture content. The reported SVOC analytical results were 100% complete (i.e., usable) for the data presented by Accutest and LLI. PARCC requirements were met.

A1.3.3 PCB Organic Analysis

Sediment, and Follow-Up sediment samples collected from the site were analyzed for PCBs using the USEPA SW-846 8082 analytical method. Certain reported results for the PCB samples were qualified as estimated based upon holding times, surrogate recoveries, MS/MSD recoveries, sample identification, field duplicate precision and sediment sample moisture content. The reported PCB analytical results were considered 100% complete (i.e., usable) for the data presented by Accutest and LLI. PARCC requirements were met.

A1.3.4 Metals Analysis

Sediment, Follow-Up sediment, Addendum 3 porewater, Addendum 3 porewater sediment, and Addendum 6 SMU-5 sediment samples collected from the site were analyzed for mercury using the USEPA SW-846 7470A/7471A analytical methods. The groundwater vibrocore samples collected from the site were analyzed for the cations calcium, iron, magnesium, manganese, potassium, and sodium using the USEPA SW-846 6010B analytical method. Certain reported results for these samples were qualified as estimated based upon MS/MSD recoveries, laboratory duplicate precision, field duplicate precision, and sediment sample moisture content. Certain reported mercury results were considered unusable and qualified “R” based upon poor MS/MSD recoveries. The reported mercury and cations data were considered 98.6% to 100% complete (i.e., usable) for the data presented by Accutest and LLI. PARCC requirements were met overall.

A1.3.5 Wet Chemistry Analysis

Sediment, Follow-Up sediment, and Addendum 3 porewater sediment samples collected from the site were analyzed for TOC and pH using the USEPA approved Lloyd Kahn and USEPA SW-846 9045 analytical methods, respectively. Addendum 3 porewater samples collected from the site were analyzed for DOC and pH using the SM20 5310B and USEPA SW-846 9040 analytical methods, respectively. The groundwater vibrocore samples collected from the site were analyzed for the anions chloride and sulfate using the USEPA 300.0 analytical method; nitrate and nitrate-nitrite using the USEPA 353.2 analytical method; nitrite and orthophosphate using the SM4500 analytical method; salinity using the SM2520B analytical method; and conductivity using the USEPA SW-846 9050 analytical method. The Phase IV and Phase V Addendum 1 Habitat samples collected from the site were analyzed for TOC using the USEPA approved Lloyd Kahn. Certain reported results for these samples were qualified as estimated based upon sample holding times, MS/MSD recoveries, laboratory duplicate precision, instrument calibrations, field duplicate precision, and sediment sample moisture content. The reported analytical results for these samples were 100% complete with all data considered usable and valid for the data presented by Accutest, LLI, and TAL. PARCC requirements were met.

SECTION A2**DATA VALIDATION REPORTS****A2.1 SEDIMENT, FOLLOW-UP SEDIMENT, AND ADDENDUM 6 SMU-5
SEDIMENT SAMPLES**

Data review has been completed for data packages generated by Accutest and LLI containing sediment samples collected from the site. These samples were contained within sample delivery groups (SDGs) JA22719, JA22720, JA23767, JA23768, JA23889, JA23890, JA24030, JA24031, JA24076, JA24077, JA24181, JA24182, JA24294, JA24295, JA24409, JA24410, JA24411, JA24412, JA24576, JA24577, JA24578, JA24639, JA24640, JA24768, JA24769, JA24770, JA24771, JA24914, JA24915, JA24916, JA25059, JA25060, JA25173, JA25247, JA25248, JA25249, JA25353, JA25354, JA25454, JA25455, JA25599, JA25600, JA25601, JA25757, JA25907, JA25908, JA26003, JA26004, JA26005, JA26131, OLS01, OLS02, OLS03, OLS04, OLS05, OLS06, OLS07, OLS08, OLS09, OLS10, OLS11, OLS26, OLS27, and OLS28. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. The validated laboratory data were tabulated and are presented in Attachment A-1.

Data validation was performed for all samples in accordance with the project work plan, QAPP, NYSDEC ASP, and the USEPA Region II SOPs for organic and inorganic data review. This data validation and usability report is presented by analysis type.

A2.1.1 CPOI Volatiles

The following items were reviewed for compliancy in the volatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Laboratory control sample (LCS) recoveries
- Laboratory method blank contamination
- GC/MS instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision

- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of surrogate recoveries, MS/MSD precision and accuracy, LCS recoveries, blank contamination, continuing calibrations, internal standard responses, and field duplicate precision as discussed below.

Surrogate Recoveries

All sample surrogate recoveries were considered acceptable, within QC limits, and did not require sample qualification with the exception of the low bromofluorobenzene recovery in samples OL-0829-09 and OL-1025-19; and the low dibromofluoromethane recovery in samples OL-0838-01, OL-0837-03, -04, -04RE, -06, -06RE, -15RE, -16RE, OL-0839-07, -07RE, -10, -11, -12, -18, -18RE, -19, -19RE, OL-0840-05, -05RE, -09, -09RE, -10, -10RE, -11, -11RE, -12, -12RE, OL-0857-10, -10RE, OL-0859-10 through -15, -18, OL-0863-16, OL-0848-04, -04RE, -10, -10RE, -11, -11RE, -12, -12RE, -05, -05RE, OL-0860-08, -09, -09RE, -10, -10RE, -11, -11RE, -12, -12RE, -13, -13RE, -14, -14RE, -15, -15RE, -07, -07RE, OL-0853-17 through -20, OL-0865-01 through -09, -12 through -20, -01RE through -09RE, -12RE through -20RE, OL-0866-01 through -08, -01RE through -08RE, -12, -12RE, -13, -13RE, -14, -14RE, -18, -19, -19RE, -20, -20RE, all samples in SDG JA24916, OL-0896-09RE, -10RE, -13RE, -14RE, and OL-1031-01. It was noted that many surrogates recovered lower than QC limits in SDGs OLS01, OLS02, OLS03, OLS04, OLS07, OLS08, OLS09, and OLS10. Reanalyses of these samples yielded similar recoveries confirming the presence of matrix effects in these samples. The results for these samples were considered estimated, possibly biased low, with positive results qualified “J” and nondetected results qualified “UJ”.

MS/MSD Precision and Accuracy

All MS/MSD precision (relative percent difference; RPD) and accuracy (percent recovery, %R) measurements were compliant, within QC acceptance limits for designated spiked project samples, and did not require qualification with the exception of the low MS/MSD accuracy results for 1,3,5-trichlorobenzene during the spiked analyses of samples OL-0829-06, -11, OL-0830-04, -07, OL-0838-07, -03, OL-0837-13, OL-0839-15, -16, OL-0840-08, -09, OL-0843-05, OL-0846-13, OL-0845-08, OL-0858-08, OL-0856-04, OL-0857-04, -09, OL-0861-16, OL-0862-08, OL-0863-10, OL-0847-12, OL-0848-07, -09, OL-0860-08, OL-0852-03, OL-0866-02, -18, OL-0875-04, -14, OL-0876-13, OL-0874-05; OL-0877-10, -19, OL-0878-05, OL-0854-08, OL-0871-09, -15, OL-0872-08, -15, OL-0873-07, OL-0887-03, OL-0890-06, -08, OL-0891-05, OL-0896-01, OL-0895-03, -04, -06, OL-0898-07, OL-0880-05, -10, OL-0882-04, -17, OL-0884-04, and -14; the low MS/MSD accuracy results for benzene and 1,3,5-trichlorobenzene during the spiked analyses of samples OL-0837-11, OL-0846-18, OL-0887-04, and OL-0897-01; the low MS/MSD accuracy results for chlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2,4-trichlorobenzene, and 1,3,5-trichlorobenzene during the spiked analyses of sample OL-0843-06; the low MS/MSD accuracy results for 1,2-dichlorobenzene and 1,3,5-trichlorobenzene during the spiked analyses of sample OL-0843-10; the low MS/MSD accuracy

results for benzene during the spiked analyses of sample OL-0858-13; the low MS/MSD accuracy results for ethylbenzene and naphthalene during the spiked analyses of sample OL-0859-13; the low MS/MSD accuracy results for chlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, and 1,3,5-trichlorobenzene during the spiked analyses of sample OL-0866-10; the low MS/MSD accuracy results for 1,2,3-trichlorobenzene during the spiked analyses of sample OL-074-15 and -21; the low MS/MSD accuracy results for 1,3,5-trichlorobenzene and naphthalene during the spiked analyses of sample OL-0898-11; and the low MS/MSD accuracy results for 1,3,5-trichlorobenzene, 1,2,4-trichlorobenzene, 1,2,3-trichlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, and naphthalene during the spiked analyses of sample OL-0883-09. The results for these compounds were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ" for the affected unspiked parent sample. However, the nondetected 1,3,5-trichlorobenzene result for the unspiked parent sample OL-0843-10 and the 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, and 1,3,5-trichlorobenzene results for the unspiked parent sample OL-0866-10 were considered unusable and qualified "R" based upon extremely low (less than 10%R) MS/MSD accuracy results.

LCS Recoveries

All LCS recoveries were considered acceptable and within QC limits with the exception of the high LCS recovery for 1,4-dichlorobenzene associated with samples OL-0865-01 through -06. Therefore, positive results for this compound were considered estimated, possibly biased high, and qualified "J" for the affected samples.

Blank Contamination

The laboratory method blank VV3850-MB1 associated with samples OL-0872-08 through -14 contained 1,3,5-trichlorobenzene at a concentration of 0.14 µg/kg. Validation qualification of these samples was not required since sample results were not affected by the contamination in this blank.

Continuing Calibrations

All continuing calibrations compounds were within QC limits with a minimum relative response factor (RRF) of 0.05 and a maximum %D within $\pm 25\%$ with the exception of 1,2,4-trichlorobenzene (-28%D) in the continuing calibration associated with all reanalyzed samples in SDG JA24030, OL-0846-17, -18, OL-0847-06, -10, and -11; naphthalene (-32.2%D) in the continuing calibration associated with samples OL-0859-10RE, -12RE, -13RE, -13RE2, -14RE, -15RE, -18RE, and -19; 1,3,5-trichlorobenzene (27.3%D) in the continuing calibration associated with samples OL-0848-05, -10, -11, and -12; and 1,3,5-trichlorobenzene (32.6%D) and 1,2,3-trichlorobenzene (31.7%D) in the continuing calibration associated with sample OL-0882-03, -04, and -05. The sample results for these compounds were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

Internal Standard Responses

All internal standard (IS) responses and retention times were within specified QC ranges based on associated calibration standards (i.e., sample's area counts within -50% to +100% and retention times within ± 0.5 minutes of the standard) with the exception of the low IS response for tert butyl alcohol-d9 in samples OL-0840-20, OL-0857-10RE, OL-0848-09, -09RE, OL-0860-12, and OL-1026-01; the low IS response for 1,4-dichlorobenzene-d4 in sample OL-0848-09; and many low IS responses reported for samples in SDGs OLS01, OLS02, OLS03, OLS04, OLS08, and OLS11, OL-1025-19, -20, OL-1027-17, -18, -19, OL-1029-12, and -13. Reanalyses of these samples yielded similar IS responses confirming the presence of matrix effects in these samples. Therefore, sample results associated with these ISs were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

Field Duplicate Precision

Field duplicate precision (RPD) results were considered acceptable with the exception of the precision for naphthalene for the field duplicate pair OL-0837-08/-09; chlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, ethylbenzene, naphthalene, and 1,2,4-trichlorobenzene for the field duplicate pair OL-0843-07/-08; ethylbenzene, 1,2-dichlorobenzene, and naphthalene for the field duplicate pair OL-0845-02/-03; benzene, chlorobenzene, ethylbenzene, naphthalene, m,p-xylene, o-xylene, and total xylenes for the field duplicate pair OL-0859-11/-12; total xylenes for the field duplicate pair OL-0862-09/-10; benzene, m,p-xylene, and o-xylene for the field duplicate pair OL-0874-03/-04; ethylbenzene, naphthalene, o-xylene, and total xylenes for the field duplicate pair OL-0877-08/-09; benzene for the field duplicate pair OL-0872-04/-05; chlorobenzene, 1,2-dichlorobenzene, 1,4-dichlorobenzene, ethylbenzene, m,p-xylene, o-xylene, and total xylenes for the field duplicate pair OL-0898-03/-04; and naphthalene, toluene, m,p-xylene, and total xylenes for the field duplicate pair OL-1023-13/-14. Therefore, the results for these compounds were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected field duplicate pair.

Usability

All volatile results for the sediment samples were considered usable following data validation with the exception of certain nondetected results based upon poor MS/MSD accuracy results.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The volatile sediment data presented by Accutest and LLI were 99.97% complete (i.e., usable). The validated volatile laboratory data are tabulated and presented in Table A1 of Attachment A-1.

It was noted that many sediment samples contained less than 50% solids. The volatile sample results for these samples were considered estimated with positive results qualified “J” and nondetected results qualified “UJ”.

A2.1.2 CPOI Semivolatiles (Phenol and PAHs)

The following items were reviewed for compliancy in the semivolatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- MS/MSD precision and accuracy
- LCS recoveries
- Laboratory method blank contamination
- GC/MS instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of holding times, surrogate recoveries, MS/MSD precision and accuracy, LCS recoveries, GC/MS instrument performance, initial and continuing calibrations, internal standard responses, and field duplicate precision as discussed below.

Holding Times

All extraction and analytical holding times were within criteria for all samples with the exception of the reanalyzed samples OL-0857-17RE, -18RE, OL-0865-03RE, -04RE, -05RE, -06RE, -07RE, -09RE, -12RE, -14RE, -16RE, -17RE, -19RE, and -20RE which exceeded the 12-day VTSR extraction holding time requirement by nine to fourteen days. Since phenol was reported from these reanalyzed samples, the phenol results were considered estimated, possibly

biased low, and qualified “J” for these samples. In addition, the reextracted samples OL-0875-02RE, OL-0880-03RE, -05RE, -08RE, and -11RE exceeded the 12-day VTSR holding time criteria because of a double layer present in the extract of these samples. Results reported for these samples were considered estimated, possibly biased low, with positive results qualified “J” and nondetected results qualified “UJ”.

Surrogate Recoveries

All sample surrogate recoveries were considered acceptable, within QC limits, and did not require sample qualification with the exception of the high 2-fluorobiphenyl and terphenyl-d14 recoveries in sample OL-0857-17; the high nitrobenzene-d5 and 2-fluorobiphenyl recoveries in sample OL-0895-18; and the high 2-fluorobiphenyl, nitrobenzene-d5, and terphenyl-d14 recoveries in samples OL-0880-07, -08, -09, and -11. Therefore, the positive PAH results for these samples were considered estimated, possibly biased high, and qualified “J”.

MS/MSD Precision and Accuracy

All MS/MSD precision and accuracy measurements were within QC acceptance limits for designated spiked project samples with the exception of the high MS/MSD accuracy results for acenaphthene and dibenzo(a,h)anthracene during the spiked analyses of sample OL-0830-16; the low MS/MSD accuracy results for benzo(k)fluoranthene, chrysene, fluoranthene, fluorene, phenanthrene, and pyrene during the spiked analyses of sample OL-0837-11; the low MS/MSD accuracy results for fluoranthene, phenanthrene, and pyrene during the spiked analyses of sample OL-0840-09; the high MS/MSD accuracy results for acenaphthene, benzo(k)fluoranthene, and fluorene during the spiked analyses of sample OL-0847-04; the low MS/MSD accuracy results for benzo(a)pyrene, benzo(b)fluoranthene, and chrysene during the spiked analyses of sample OL-0848-09; the low MS/MSD accuracy results for benzo(g,h,i)perylene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene during the spiked analyses of sample OL-0853-11; the high MS/MSD accuracy results for anthracene, benzo(a)anthracene, benzo(b)fluoranthene, fluoranthene, fluorene, phenanthrene, and pyrene during the spiked analyses of sample OL-0866-10; the low MS/MSD accuracy results for phenol during the spiked analyses of sample OL-0875-04; the high MS/MSD accuracy results for anthracene, benzo(a)pyrene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, fluoranthene, fluorene, phenanthrene, and pyrene during the spiked analyses of sample OL-0874-05; the low MS/MSD accuracy results for all compounds except fluoranthene, phenanthrene, and pyrene during the spiked analyses of sample OL-0876-11; the low MS/MSD accuracy results for benzo(k)fluoranthene and chrysene during the spiked analyses of sample OL-0873-09; the high MS/MSD accuracy results for benzo(b)fluoranthene, fluoranthene, and fluorene during the spiked analyses of sample OL-0896-06; the high MS/MSD accuracy results for benzo(a)anthracene, benzo(b)fluoranthene, fluoranthene, phenanthrene, and pyrene during the spiked analyses of sample OL-0898-21; the low MS/MSD accuracy results for acenaphthene, acenaphthylene, benzo(a)pyrene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, phenanthrene, and pyrene during the spiked analyses of sample OL-0883-09; and the high MS/MSD accuracy results for all compounds during the spiked analyses of sample OL-0884-04. Therefore, the

results for those compounds where MS/MSD accuracy results exceeded the QC limit were considered estimated, possibly biased high, and qualified “J” for the affected unspiked parent sample. Results for those compounds where MS/MSD accuracy results fell below the QC limit were considered estimated, possibly biased low, with positive results qualified “J” and nondetected results qualified “UJ” for the affected unspiked parent sample.

LCS Recoveries

All LCS recoveries were considered acceptable and within QC limits for all compounds with the exception of the high LCS recoveries for phenol, fluorene, and phenanthrene associated with samples in SDG JA22720; the high LCS recovery for acenaphthene associated with samples in SDG JA23767; the high LCS recoveries for benzo(g,h,i)perylene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene associated with samples in SDG JA23890; the high LCS recoveries for acenaphthene, benzo(b)fluoranthene, benzo(g,h,i)perylene, fluorene, and indeno(1,2,3-cd)pyrene associated with samples in SDG JA24077; the high LCS recovery for phenol associated with samples in SDG JA24769; the high LCS recovery for acenaphthene associated with samples in SDG JA24770; the high LCS recoveries for benzo(k)fluoranthene and phenanthrene associated with samples in SDG JA24181; the high LCS recoveries for benzo(a)pyrene, benzo(k)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene associated with samples in SDG JA24295; the high LCS recoveries for acenaphthene, acenaphthylene, chrysene, and fluorene associated with samples in SDG JA24640; the high LCS recoveries for fluorene and pyrene associated with samples in SDG JA24411; the high LCS recoveries for benzo(a)anthracene and phenanthrene associated with samples in SDG JA24412; the high LCS recoveries for benzo(g,h,i)perylene, fluoranthene, indeno(1,2,3-cd)pyrene, and phenanthrene associated with samples in SDG JA24914; the high LCS recoveries for fluorene and phenanthrene associated with samples in SDG JA24410; the high LCS recoveries for acenaphthylene and acenaphthene associated with samples in SDGs OLS01 and OLS03; the low LCS recoveries for fluorene, phenanthrene, benzo(a)anthracene, chrysene, and benzo(a)pyrene associated with samples in SDGs OLS02 and OLS04; the high LCS recovery for acenaphthylene associated with samples in SDGs OLS05, OLS06, and OLS08; and the high LCS recoveries for acenaphthylene, acenaphthene, fluoranthene, and benzo(a)pyrene associated with samples in SDG OLS11. Therefore, positive results for those compounds where the LCS recovery exceeded the QC limit were considered estimated, possibly biased high, and qualified “J” for the affected samples. Results for those compounds where the LCS recovery fell below the QC limit were considered estimated, possibly biased low, with positive results qualified “J” and nondetected results qualified “UJ” for the affected samples.

GC/MS Instrument Performance

All GC/MS instruments were tuned and calibrated at the appropriate frequency and within QC acceptance limits. All samples were injected and analyzed within 12 hours from the instrument tuning standard with the exception of samples OL-0845-01 through -07 which exceeded the criteria by 8 minutes to 2.5 hours. All results for these samples which were detected above method detection limits were considered estimated and qualified “J” for these samples.

Initial and Continuing Calibrations

All initial calibration compounds were compliant with a minimum mean relative response factor (RRF) of 0.05 and a maximum percent relative standard deviation (%RSD) of 30% with the exception of acenaphthene (35.65%RSD), indeno(1,2,3-cd)pyrene (39.82%RSD), and benzo(g,h,i)perylene (40.25%RSD) in the initial calibration associated with all samples in SDG JA22720 except OL-0830-02, -02RE, -03, -12, -16, and -17; phenol (31.57%RSD), dibenz(a,h)anthracene (32.05%RSD), and benzo(g,h,i)perylene (39.43%RSD) in the initial calibration associated with samples OL-0830-02, -02RE, -03, -12, -16, and -17; benzo(a)anthracene (43.78%RSD) in the initial calibration associated with samples in SDG JA23767, OL-0839-04, -05, -06, -07, -09 through -13, -16, -18, -19, OL-0843-10 through -13, -17 through -19, OL-0845-08 through -13, and -15 through -19; and benzo(b)fluoranthene (39.27%RSD), indeno(1,2,3-cd)pyrene (53.19%RSD), dibenz(a,h)anthracene (40.99%RSD) in the initial calibration associated with samples in SDG JA23768, OL-0839-01, -08, OL-0840-01, -04, -06 through -09, -11, and -14 through -20. Therefore, the results for these compounds were considered estimated with positive results qualified “J” and nondetected results qualified “UJ” for the affected samples.

All continuing calibration compounds were complaint with a minimum RRF of 0.05 and a maximum percent difference (%D) within $\pm 25\%$ with the exception of acenaphthylene (-38%D) in the continuing calibration associated with samples OL-0830-01, -05, -06 through -11, -13, -14, and -15; phenol (-49.6%D) in the continuing calibration associated with sample OL-0839-17; benzo(b)fluoranthene (-33.6%D) in the continuing calibration associated with samples OL-0845-08 through -13, and -15 through -19; dibenz(a,h)anthracene (-27.9%D) in the continuing calibration associated with samples in SDG JA24771; benzo(b)fluoranthene (-39.4%D) and benzo(k)fluoranthene (-25.2%D) in the continuing calibration associated with samples OL-0845-20, OL-0847-10 through -13, -15, -17 through -19, OL-0848-04, -05, -07, and -08; and benzo(g,h,i)perylene (-27%D) in the continuing calibration associated with samples OL-0895-10 and -11. Therefore, the sample results for these compounds were considered estimated with positive results qualified "J" and nondetected results qualified “UJ” for the affected samples.

It was noted that benzo(a)anthracene exceeded the instrument calibration range in sample OL-0881-04. Since this sample was not diluted and reanalyzed, the result for this compound was considered estimated and qualified “J” for this sample.

Internal Standard Responses

All internal standard (IS) responses and retention times were within specified QC ranges based on associated calibration standards (i.e., sample’s area counts within -50% to +100% and retention times within ± 0.5 minutes of the standard) with the exception of the high IS responses for naphthalene-d8 and acenaphthene-d10 in sample OL-0846-07; the low IS response for benzo(a)pyrene-d12 in samples OL-0845-10, -12, -13, -15 through -19, OL-0857-12, -13, -16; the low IS responses for chrysene-d12 and perylene-d12 in samples OL-0852-01, -02, and -16; and the high IS response for benzo(a)pyrene-d12 in sample OL-0853-11, OL-0854-12, -14, -15. Therefore, positive results associated with those ISs which exceeded the QC limit were

considered estimated, possibly biased high, and qualified “J” for the affected samples. Sample results associated with those ISs which fell below the QC limit were considered estimated, possibly biased low, with positive results qualified “J” and nondetected results qualified “UJ” for the affected samples.

Field Duplicate Precision

All field duplicate precision results were considered acceptable with the exception of anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, and chrysene for the field duplicate pair OL-0837-08/-09; phenol, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene for the field duplicate pair OL-0840-10/-11; all PAHs for the field duplicate pairs OL-0846-10/-11, OL-0859-11/-12, and OL-0871-03/-04; benzo(a)anthracene, benzo(a)pyrene, benzo(k)fluoranthene, chrysene, and fluoranthene for the field duplicate pair OL-0845-02/-03; acenaphthene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, dibenzo(a,h)anthracene, fluoranthene, fluorene, phenanthrene, and pyrene for the field duplicate pair OL-0861-14/-15; acenaphthene, anthracene, benzo(a)anthracene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, phenanthrene, and pyrene for the field duplicate pair OL-0847-02/-03; benzo(k)fluoranthene for the field duplicate pair OL-0848-07/-08; acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, fluoranthene, phenanthrene, and pyrene for the field duplicate pair OL-0850-11/-12; acenaphthene, anthracene, fluorene, and phenanthrene for the field duplicate pair OL-0852-03/-04; benzo(a)anthracene, fluoranthene, and pyrene for the field duplicate pair OL-0865-03/-04; acenaphthylene, anthracene, phenanthrene, fluorene, and benzo(a)anthracene for the field duplicate pair OL-0866-04/-05; acenaphthylene, benzo(k)fluoranthene, and chrysene for the field duplicate pair OL-0877-08/-09; acenaphthene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, chrysene, fluoranthene, indeno(1,2,3-cd)pyrene, and phenanthrene for the field duplicate pair OL-0872-04/-05; benzo(a)anthracene, benzo(k)fluoranthene, and fluorene for the field duplicate pair OL-0873-02/-03; benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene for the field duplicate pair OL-0896-04/-05; acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoroanthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, phenanthrene, and pyrene for the field duplicate pair OL-0898-03/-04; all compounds for the field duplicate pair OL-0880-02/-03 except acenaphthene, fluoranthene, fluorene, and phenanthrene; all compounds for the field duplicate pair OL-0884-05/-06; and anthracene, benzo(a)anthracene, benzo(k)fluoranthene, and chrysene for the field duplicate pair OL-1025-08/-09. These results were considered estimated with positive results qualified “J” and nondetected results qualified “UJ” for the affected samples.

Usability

All semivolatile results for the sediment samples were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The semivolatile sediment data presented by Accutest and LLI were 100% complete (i.e., usable). The validated semivolatile laboratory data are tabulated and presented in Table A1 of Attachment A-1.

It was noted that many sediment samples contained less than 50% solids. The semivolatile sample results for these samples were considered estimated with positive results qualified “J” and nondetected results qualified “UJ”.

A2.1.3 PCBs

The following items were reviewed for compliancy in the PCB analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- MS/MSD precision and accuracy
- LCS recoveries
- Laboratory method blank contamination
- Initial calibrations
- Verification calibrations
- Field duplicate precision
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of holding times, surrogate recoveries, MS/MSD precision and accuracy, sample result identification, and field duplicate precision as discussed below.

Holding Times

All extraction and analytical holding times were within criteria for all samples with the exception of the reanalyzed samples OL-0857-17RE and OL-0859-11RE which exceeded the 12-day VTSR extraction holding time requirement by two to four days. Therefore, the PCB results were considered estimated, possibly biased low, with positive results qualified “J” and nondetected results qualified “UJ” for these samples.

Surrogate Recoveries

All sample surrogate recoveries were considered acceptable, within QC acceptance limits, and did not require sample qualification with the exception of the low decachlorobiphenyl and tetrachloro-meta-xylene recoveries on both columns for samples OL-0857-17, OL-0847-01, OL-0847-01RE, and OL-0882-02. Therefore, PCB results for these samples were considered estimated, possibly biased low, with positive results qualified “J” and nondetected results qualified “UJ”.

MS/MSD Precision and Accuracy

All MS/MSD precision and accuracy measurements were considered acceptable, within QC limits for designated spiked project samples, and did not require sample qualification with the exception of the low MS/MSD accuracy results for PCB-1260 (10%R/10%R; QC limit 34-164%R) during the spiked analyses of sample OL-0843-06; the low MS/MSD accuracy results for PCB-1268 (42%R/59%R; QC limit 80-120%R) during the spiked analyses of sample OL-1024-07; and the low MS/MSD accuracy results for PCB-1268 (69%R/75%R; QC limit 80-120%R) during the spiked analyses of sample OL-1030-10. The results for these PCBs were considered estimated, possibly biased low, with positive results qualified “J” and nondetected results qualified “UJ” for the affected parent samples.

Sample Result Identification

All positive PCB sample results were within retention time windows and verified present using secondary column confirmation. The precision between the PCB results on the quantitation and confirmation columns were less than 25%RPD with the exception of the precision results for PCB-1242 in samples OL-0843-15, OL-0848-06, OL-0887-11, and -15; PCB-1248 in samples OL-0829-01, -02, -07, -09, -13, OL-0837-08, OL-0839-01, OL-0840-01, -06, OL-0846-01, OL-0845-02, OL-0856-20, OL-0859-04, OL-0861-07, -14, -15, OL-0847-01, -15, OL-0848-02, -03, -07, -12, OL-0850-07, OL-0852-01, -02, -11, OL-0853-04, OL-0874-01, -03, -04, -06, -08, OL-0876-11, OL-0877-07, OL-0872-07, OL-0887-02, -16, OL-0896-02, -08, OL-0895-16, OL-0898-04, -06, -12, -13, -14, OL-0884-02, OL-1023-09, -10, -12, -19, -20, and OL-1024-01; PCB-1254 in samples OL-0829-01, OL-0838-02, OL-0837-09, OL-0839-01, -02, -03, -08, -14, -20, OL-0840-06, -07, -13, -14, -18, OL-0843-13, OL-0846-01, -06, OL-0845-04, OL-0856-14, -20, OL-0857-05, -13, OL-0859-04, -05, -07, OL-0847-01, -14, -15, -20, OL-0848-02, -07, -09, OL-0850-07, OL-0852-01, -10, -11, -16, OL-0874-03, -04, -05, -06, -07, -09, -10, -14, OL-0876-09, OL-0877-07, OL-0872-08, OL-0873-05, OL-0887-11, -12, -14, -16, OL-0890-12, -14, OL-0898-02, -03, -06, -17, OL-0882-11, OL-1023-01 through -09, -11, -12, -13, -14, -17, -18, -19, -20, OL-1024-01 through -06, -08, -09, -10, and -11; PCB-1260 in samples OL-0829-13, OL-0840-01, -06, -13, -14, -18, OL-0846-01, -06, OL-0845-02, -03, OL-0856-20, OL-0861-01, -07, -14, -15, OL-0847-14, -15, OL-0848-06, OL-0852-10, -11, -13, -16, OL-0853-04, -05, -12, OL-0866-04, OL-0874-04, -17, OL-0876-08, OL-0877-12, OL-0887-12, -16, OL-1023-02, -06, -07, -09, -15 through -19, OL-1024-01, -02, -07, -08, and -10; PCB-1268 in samples OL-0840-19, OL-0859-04, -05, -07, OL-0852-01, OL-0874-03, OL-0854-19, OL-0887-01, -10, -15, OL-0891-02, and OL-0898-06; and total PCBs in samples OL-0829-01, -02, -13, OL-0840-01, -

06, -07, -14, OL-0843-15, OL-0846-01, OL-0845-02, OL-0856-14, OL-0857-05, OL-0859-04, -05, OL-0861-01, -07, OL-0847-01, -14, -15, OL-0848-02, -03, -06, -09, -12, OL-0850-07, OL-0852-01, -02, -10, -11, -13, -16, OL-0854-19, OL-0872-07, -08, OL-0887-01, -12, -14, -15, -16, OL-0896-08, OL-0898-04, -06, -13, -14, and OL-0882-20. The results for these PCBs were considered estimated and qualified “J” for the affected samples. However, PCB results where the precision between the quantitation and confirmation columns was greater than 90%RPD were considered estimated, tentatively identified, and qualified “JN” for the affected samples.

Field Duplicate Precision

All field duplicate precision results were considered acceptable with the exception of the PCB-1248 results for the field duplicate pair OL-0837-08/-09 (77%RPD), OL-0839-02/-03 (117%RPD), OL-0843-07/-08 (64%RPD), OL-0857-05/-06 (30.1 µg/kg, nondetect), OL-0861-14/-15 (105%RPD), OL-0848-07/-08 (13.3 µg/kg, nondetect), OL-0866-04/-05 (53.6 µg/kg, nondetect), and OL-0887-01/-02 (nondetect, 9.7 µg/kg); PCB-1254 precision for the field duplicate pair OL-0839-02/-03 (82%RPD), OL-0843-07/-08 (53%RPD), OL-0857-05/-06 (19.1 µg/kg, nondetect), OL-0861-14/-15 (122%RPD), OL-0848-07/-08 (10.6 µg/kg, nondetect), OL-0866-04/-05 (28.6 µg/kg, nondetect), OL-0874-03/-04 (52%RPD), and OL-0873-02/-03 (17.5 µg/kg, nondetect); PCB-1260 precision for the field duplicate pair OL-0839-02/-03 (79%RPD), OL-0843-07/-08 (68%RPD), OL-0861-14/-15 (122%RPD), and OL-0866-04/-05 (18.4 µg/kg, nondetect); PCB-1268 precision for the field duplicate pair OL-0872-04/-05 (68%RPD), OL-0895-02/-03 (70.6%RPD), and OL-0898-03/-04 (6.6 µg/kg, nondetect); and the total PCB precision for the field duplicate pair OL-0839-02/-03 (95%RPD), OL-0843-07/-08 (61%RPD), OL-0857-05/-06 (49.2 µg/kg, nondetect), OL-0861-14/-15 (115%RPD), OL-0848-07/-08 (23.9 µg/kg, nondetect), OL-0866-04/-05 (101 µg/kg, nondetect), and OL-0873-02/-03 (17.5 µg/kg, nondetect). These results were considered estimated with the positive results qualified “J” and the nondetected result qualified “UJ” for the samples and their field duplicates.

Usability

All PCB results for the sediment samples were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The PCB sediment data presented by Accutest and LLI were 100% complete with all data considered usable and valid. The validated data are tabulated and presented in Table A1 of Attachment A-1.

It was noted that many sediment samples contained less than 50% solids. The PCB sample results for these samples were considered estimated with positive results qualified “J” and nondetected results qualified “UJ”.

A2.1.4 Mercury

The following items were reviewed for compliancy in the mercury analysis:

- Custody documentation
- Holding times
- Initial and continuing calibration verifications
- Initial and continuing calibration, and laboratory preparation blank contamination
- MS/MSD recoveries
- Laboratory duplicate precision
- LCS recoveries
- Field duplicate precision
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of MS/MSD recoveries, laboratory duplicate precision, and field duplicate precision as discussed below.

MS/MSD Recoveries

All matrix spike recoveries were considered acceptable and within the 75-125%R QC limit with the exception of the high MSD recovery for mercury (146.2%R) associated with samples in SDG JA24578; the low MS/MSD recoveries for mercury (0%R/44.5%R) associated with samples in SDG JA24768; the high MSD recovery for mercury (409%R) associated with samples in SDG JA25249; the low MSD recovery for mercury (20%R) associated with samples in SDG JA25353; the high MS/MSD recoveries for mercury (510.1%R/225.8%R) associated with samples in SDG JA25173; the high MSD recovery for mercury (168.6%R) associated with samples in SDG JA25907; the high MS/MSD recoveries for mercury (510%R/225%R) associated with samples in SDG JA25454; the high MS recovery for mercury (219%R) associated with samples in SDGs OLS02 and OLS04; the low MSD recovery for mercury (74%R) associated with samples in SDGs OLS05 and OLS10; the high MS recovery for mercury (121%R; QC limit 80-120%R) associated with samples in SDGs OLS26 and OLS28; and the low MS/MSD recoveries for mercury (61%R/36%R) associated with samples in SDG OLS27. Therefore, positive mercury results where matrix spike recoveries exceeded the QC limit were considered estimated, possibly biased high, and qualified “J” for the affected samples. Mercury results where matrix spike recoveries fell below the QC limit were considered estimated, possibly biased low, with positive results qualified “J” and nondetected results qualified “UJ” for the affected samples. However, nondetected mercury results where matrix spike recoveries fell below 30%R were considered unusable and qualified “R” for the affected samples.

Laboratory Duplicate Precision

All laboratory duplicate precision results were considered acceptable and within QC limits with the exception of the laboratory duplicate precision for mercury associated with samples in SDGs JA25249, JA25173, JA26005, JA25454, and OLS27. Therefore, the mercury results for the samples within these SDGs were considered estimated with positive results qualified “J” and nondetected results qualified “UJ”.

Field Duplicate Precision

All field duplicate precision results were considered acceptable with the exception of the mercury duplicate precision for the field duplicate pairs OL-0837-08/-09 (81%RPD), OL-0839-02/-03 (88%RPD), OL-0840-10/-11 (104%RPD), OL-0857-05/-06 (117%RPD), OL-0861-14/-15 (156%RPD), OL-0848-07/-08 (102%RPD), OL-0851-07/-08 (58%RPD), OL-0860-09/-10 (55%RPD), OL-0852-03/-04 (102%RPD), OL-0887-01/-02 (53%RPD), OL-0890-04/-05 (113%RPD), OL-1025-08/-09 (120%RPD), OL-1029-08/-09 (65%RPD), and OL-1030-13/-14 (63%RPD). The mercury results for these field duplicate samples were considered estimated and qualified “J”.

Usability

All mercury results for the sediment samples were considered usable following data validation with the exception of certain nondetected results based upon poor matrix spike recoveries.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The mercury data for the sediment samples presented by Accutest and LLI were 98.6% complete (i.e., usable). The validated mercury laboratory data are tabulated and presented in Table A1 of Attachment A-1.

It was noted that many sediment samples contained less than 50% solids. The mercury sample results for these samples were considered estimated with positive results qualified “J” and nondetected results qualified “UJ”.

A2.1.5 TOC and pH

All custody documentation, holding times, laboratory blanks, matrix spikes, duplicates, calibrations, quantitation limits, control samples, and instrumentation were reviewed for compliance. The reported results for these samples did not require qualification resulting from data validation with the exception of the following:

- The TOC results for samples OL-0830-04, OL-0837-11, OL-0863-10, OL-0848-09, OL-0851-11, OL-0860-08, OL-0853-11, OL-0872-08, OL-0898-05, and OL-1023-15 were considered estimated and qualified “J” based upon laboratory duplicate precision (105.8%RPD, 51.7%RPD, 45.7%RPD, 54%RPD, 36.7%RPD, 63.3%RPD, 69.9%RPD, 34.9%RPD, 49.1%RPD, and 47%RPD, respectively; QC limit 0-32%RPD);

- The TOC results for samples OL-0837-11, OL-0857-13, OL-0847-04, OL-0851-11, OL-0850-08, OL-0875-04, OL-0872-08, and OL-0880-04 were considered estimated, possibly biased low, and qualified “J” based upon low matrix spike recoveries (46.8%R, 50.4%R, 40.9%R, 43.5%R, 49.2%R, 33.8%R, 29.9%R, and 37%R, respectively; QC limit 51-132%R); and
- The TOC results for the field duplicate samples OL-0837-08/-09, OL-0857-05/-06, OL-0859-11/-12, OL-0847-02/-03, OL-0848-07/-08, OL-0860-09/-10, OL-0853-04/-05, OL-0875-02/-03, OL-0880-02/-03, and OL-1023-13/-14 were considered estimated and qualified “J” based upon poor field duplicate precision (110%RPD, 61%RPD, 66%RPD, 53%RPD, 54%RPD, 99%RPD, 155%RPD, 64%RPD, 71%RPD, and 66%RPD, respectively; QC limit 0-50%RPD).

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The sediment data for these analyses presented by Accutest and LLI were 100% complete (i.e., usable). The validated laboratory data are tabulated and presented in Table A1 of Attachment A-1.

It was noted that many sediment samples contained less than 50% solids. The TOC and pH sample results for these samples were considered estimated with positive results qualified “J” and nondetected results qualified “UJ”.

A2.2 POREWATER AND POREWATER SEDIMENT SAMPLES

Data review has been completed for data packages generated by LLI containing Addendum 3 porewater and Addendum 3 porewater sediment from vibracore samples collected from the site. These samples were contained within SDGs OLS12, OLS13, OLS14, OLS15, OLS16, OLS17, OLS18, OLS19, OLS20, OLS21, and OLS22. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. The validated laboratory data are presented in Attachment A-2.

Data validation was performed for all samples in accordance with the project work plan, QAPP, NYSDEC ASP, and the USEPA Region II SOPs for organic and inorganic data review. This data validation and usability report is presented by analysis type.

A2.2.1 CPOI Volatiles

The following items were reviewed for compliancy in the volatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Laboratory control sample (LCS) recoveries
- Laboratory method blank contamination

- GC/MS instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of surrogate recoveries, MS/MSD precision and accuracy, and internal standard responses as discussed below.

Surrogate Recoveries

All sample surrogate recoveries were considered acceptable, within QC limits, and did not require qualification of sample results with the exception of low surrogate recoveries in sediment samples OL-1032-01, -06, -07, -08, and -11, OL-1045-08, OL-1047-01, -02, -04, -07 through -13, OL-1048-01 through -05, OL-1050-02 through -05, OL-1050-07 through -10, OL-1051-03, -04, and -05. These samples were reanalyzed yielding similar surrogate recoveries confirming the presence of matrix effects in these samples. Therefore, the volatile results for these samples were considered estimated, possibly biased low, with positive results qualified “J” and nondetected results qualified “UJ”.

MS/MSD Precision and Accuracy

All MS/MSD precision (relative percent difference; RPD) and accuracy (percent recovery, %R) measurements were compliant, within QC acceptance limits for designated spiked project samples, and did not require sample qualification with the exception of the precision and accuracy outliers reported for benzene, chlorobenzene, 1,2-dichlorobenzene, 1,4-dichlorobenzene, 1,3,5-trichlorobenzene, and naphthalene during the spiked analyses of porewater sediment sample OL-1032-01; m,p-xylene, total xylenes, o-xylene, and 1,3-dichlorobenzene during the spiked analyses of porewater sediment sample OL-1035-01; ethylbenzene, m,p-xylene, total xylenes, o-xylene, and 1,3,5-trichlorobenzene during the spiked analyses of porewater sediment sample OL-1046-01; benzene, toluene, and naphthalene during the spiked analyses of porewater sediment sample OL-1047-01; 1,4-dichlorobenzene, 1,3,5-trichlorobenzene, 1,2,4-trichlorobenzene, and naphthalene during the spiked analyses of porewater sediment sample OL-1049-01; and benzene, toluene, 1,3-dichlorobenzene, and 1,3,5-trichlorobenzene during the spiked analyses of porewater sediment sample OL-1051-01. Therefore, the results for these compounds were considered estimated with positive results qualified “J” and nondetected results qualified “UJ” for the affected parent samples.

Internal Standard Responses

All internal standard (IS) responses and retention times were within specified QC ranges based on associated calibration standards (i.e., sample’s area counts within -50% to +100% and

retention times within ± 0.5 minutes of the standard) with the exception of the low IS responses in porewater sediment samples OL-1032-09, OL-1046-18, OL-1048-01, OL-1049-04, -06, -07, -11, -12, OL-1050-01, OL-1051-01,-02, and -06. These samples were reanalyzed yielding similar IS responses confirming the presence of matrix effects in these samples. Therefore, results associated with the ISs were considered estimated, possibly biased low, with positive results qualified “J” and nondetected results qualified “UJ” for the affected samples.

Usability

All volatile results for the porewater and porewater sediment samples were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The volatile porewater and porewater sediment data presented by LLI were 100% complete (i.e., usable). The validated volatile laboratory data are tabulated and presented in Tables A2-1 and A2-2 of Attachment A-2.

It was noted that the electronic disk deliverable (EDD) from the laboratory reported method detection limits (MDLs) as reporting limits for the volatile porewater and porewater sediment samples. As a result, nondetected results were reported at the MDLs rather than the quantitation limits.

It was also noted that many porewater sediment samples contained less than 50% solids. The volatile sample results for these samples were considered estimated with positive results qualified “J” and nondetected results qualified “UJ”.

A2.2.2 Mercury

The following items were reviewed for compliancy in the mercury analysis:

- Custody documentation
- Holding times
- Initial and continuing calibration verifications
- Initial and continuing calibration, laboratory preparation blank contamination
- MS/MSD recoveries
- Laboratory duplicate precision
- LCS recoveries
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of MS/MSD recoveries and laboratory duplicate precision as discussed below.

MS/MSD Recoveries

All matrix spike recoveries were considered acceptable and within the 75-125%R QC limit with the exception of the high MSD recovery for mercury (140%R) associated with porewater sediment samples in SDG OLS13; the high MS/MSD recoveries for mercury (138%R/136%R) associated with porewater samples in SDG OLS18; the high MS recovery for mercury (148%R) associated with porewater sediment samples in SDG OLS19; the high MS/MSD recoveries for mercury (148%R/227%R) associated with porewater sediment samples in SDGs OLS20 and OLS22; and the high MS/MSD recoveries for mercury (490%R/475%R) associated with porewater sediment samples in SDG OLS21. Therefore, positive mercury results were considered estimated, possibly biased high, and qualified “J” for the affected samples.

Laboratory Duplicate Precision

All laboratory duplicate precision results were considered acceptable and within QC limits with the exception of the laboratory duplicate precision for mercury associated with porewater sediment samples in SDGs OLS12, OLS14, OLS17, OLS19, and OLS20. Therefore, the mercury results for the porewater sediment samples within these SDGs were considered estimated with positive results qualified “J” and nondetected results qualified “UJ”.

Usability

All mercury results for the porewater and the porewater sediment samples were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The mercury porewater and porewater sediment data presented by LLI were 100% complete (i.e., usable). The validated laboratory data are tabulated and presented in Tables A2-1 and A2-2 of Attachment A-2.

It was noted that many porewater sediment samples contained less than 50% solids. The mercury sample results for these samples were considered estimated with positive results qualified “J” and nondetected results qualified “UJ”.

A2.2.3 DOC, TOC, and pH

All custody documentation, holding times, laboratory blanks, matrix spikes, duplicates, calibrations, quantitation limits, control samples, and instrumentation were reviewed for compliance. The reported results for these samples did not require qualification resulting from data validation.

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The porewater and porewater sediment data for these analyses presented by LLI were 100% complete (i.e., usable). The validated laboratory data are tabulated and presented in Tables A2-1 and A2-2 of Attachment A-2.

It was noted that many porewater sediment samples contained less than 50% solids. The TOC and pH sample results for these samples were considered estimated with positive results qualified “J” and nondetected results qualified “UJ”.

A2.3 GROUNDWATER VIBRACORE SAMPLES

Data review has been completed for data packages generated by Accutest containing groundwater vibracore samples collected from the site. These samples were contained within SDGs JA26132, JA26254, JA26255, JA26320, JA26321, JA26428, JA26429, JA26430, JA26544, JA26545, JA26546, JA26663, JA26664, JA26806, JA26807, JA26808, JA26928, and JA26929. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. The validated laboratory data are presented in Attachment A-3.

Data validation was performed for all samples in accordance with the project work plan, QAPP, NYSDEC ASP, and the USEPA Region II SOPs for organic and inorganic data review. This data validation and usability report is presented by analysis type.

A2.3.1 Cations

The following items were reviewed for compliancy in the metals analysis:

- Custody documentation
- Holding times
- Initial and continuing calibration verifications
- Initial and continuing calibration, and laboratory preparation blank contamination
- MS/MSD recoveries
- Laboratory duplicate precision
- LCS recoveries
- Serial dilutions
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols.

Usability

All cations results for the groundwater vibracore samples were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The groundwater vibracore data presented by Accutest were 100% complete (i.e., usable). The validated cations laboratory data are tabulated and presented in Table A3 of Attachment A-3.

A2.3.2 Anions

All custody documentation, holding times, laboratory blanks, matrix spikes, duplicates, calibrations, quantitation limits, control samples, and instrumentation were reviewed for compliance. The reported results for these samples did not require qualification resulting from data validation with the exception of the following:

- The chloride results for samples OL-1001-08 through -14, OL-1002-02 through -08, OL-1003-08 through -14, OL-1004-02 through 08, OL-1004-16 through -22, OL-1005-08 through -14, OL-1006-02 through -08, OL-1006-16 through -20, OL-1007-01, -02, -10 through -16, OL-1009-08 through -14, OL-1010-02 through -08, OL-1010-16 through -20, OL-1011-01, -02, -10 through -16, OL-1013-08 through -14, OL-1014-01 through -07, OL-1014-15 through -21, OL-1015-08 through -14, OL-1016-02 through -08, OL-1016-16 through -20, OL-1017-01, -02, -10 through -16, OL-1018-08 through -14, and OL-1019-02 through -08 were considered estimated and qualified “J” since the chloride concentrations in these samples exceeded instrument calibration ranges; and
- The pH results for samples OL-1001-15, OL-1002-01 through -08, OL-1003-01 through -20, OL-1004-01 through -04, and OL-1004-09 through -15 were considered estimated and qualified “J” since the 24-hour analytical holding time requirement was exceeded by one to four days.

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The groundwater vibracore data for these analyses presented by Accutest were 100% complete (i.e., usable). The anions validated laboratory data are tabulated and presented in Table A3 of Attachment A-3.

A2.4 PHASE IV AND PHASE V ADDENDUM 1 HABITAT SAMPLES

Data review has been completed for data packages generated by TAL containing the Phase IV Addendum 1 Habitat samples collected from the site. These samples were contained within SDGs C9F130101, C9F130103, and C9F130104. Data review has also been completed for data packages generated by Accutest containing the Phase V Addendum 1 Habitat samples collected from the site. These samples were contained within SDGs JA29611, JA29612, JA29613,

JA30358, JA30359, JA30360, and JA30361. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. The validated laboratory data are presented in Attachment A-4.

Data validation was performed for all samples in accordance with the project work plan, QAPP, NYSDEC ASP, and the USEPA Region II SOPs for organic and inorganic data review. This data validation and usability report is presented by analysis type.

A2.4.1 TOC

All custody documentation, holding times, laboratory blanks, matrix spikes, duplicates, calibrations, quantitation limits, control samples, and instrumentation were reviewed for compliance in the TOC analysis. The reported results for these samples did not require qualification resulting from data validation with the exception of the following:

- The TOC results for samples OL-0806-17 and -18 were considered estimated and qualified “J” based upon poor field duplicate precision of these results (187%RPD; QC limit 0-50%RPD);
- The TOC results for samples OL-1038-01, -02, -07, -08, -14, OL-1039-09, -10, -12, -15 through -18, -20, OL-1040-01, -02, -03, -05, -07, -11, OL-1041-08, -11, -14, -18, -19, OL-1042-03, -04, -05, -07, -08, -13, -14, -16, OL-1043-02, -05, -11, -12, -16 through -20, OL-1044-03, -04, -06, and -10 were considered estimated and qualified “J” based upon sample percent solids content of less than 50%;
- The TOC results for samples OL-1042-02 and OL-1043-01 were considered estimated and qualified “J” based upon precision exceedances in the associated laboratory duplicates (45.3 %RPD, 60.9%RPD; QC limit 0-32%RPD); and
- The TOC results for the field duplicate samples OL-1043-07 and -08 were considered estimated and qualified “J” based upon poor field duplicate precision of these results (60%RPD; QC limit 0-50%RPD).

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The Phase IV and Phase V Addendum 1 Habitat data presented by TAL and Accutest were 100% complete (i.e., usable). The validated laboratory data are tabulated and presented in Tables A4-1 and A4-2 of Attachment A-4.

ATTACHMENT A
VALIDATED LABORATORY DATA

ATTACHMENT A-1

**VALIDATED LABORATORY DATA FOR
SEDIMENT, FOLLOW-UP SEDIMENT, AND ADDENDUM 6 SMU-5
SAMPLES**

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-20161	OL-VC-20161	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	6-7 Ft	7-8 Ft	
		Field Sample ID	OL-0896-15	OL-0896-16	OL-0896-17	OL-0896-18	OL-0896-19	OL-0896-20	OL-0897-01	OL-0897-02	
		Sample Date	8/19/2009	8/19/2009	8/19/2009	8/19/2009	8/19/2009	8/19/2009	8/19/2009	8/19/2009	
		Sample Delivery Group	JA26004	JA26004	JA26004	JA26004	JA26004	JA26004	JA26003	JA26003	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical 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	12200	9550	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	53.3	46.2	33.5	21.5	26.6	40.5	50	55.5	
SW7471	MERCURY	mg/kg	0.3 J	0.23 J	0.23 J	0.14 J	0.097 J	0.62 J	0.021 U	0.02 U	
SW8082	AROCOR-1016	ug/kg	6.3 UJ	7.2 UJ	10 UJ	16 UJ	13 UJ	8.2 UJ	6.7 U	5.9 U	
SW8082	AROCOR-1221	ug/kg	6.3 UJ	7.2 UJ	10 UJ	16 UJ	13 UJ	8.2 UJ	6.7 U	5.9 U	
SW8082	AROCOR-1232	ug/kg	6.3 UJ	7.2 UJ	10 UJ	16 UJ	13 UJ	8.2 UJ	6.7 U	5.9 U	
SW8082	AROCOR-1242	ug/kg	6.3 UJ	7.2 UJ	10 UJ	16 UJ	13 UJ	8.2 UJ	6.7 U	5.9 U	
SW8082	AROCOR-1248	ug/kg	22.4 J	7.2 UJ	73.4 J	16 UJ	13 UJ	8.2 UJ	6.7 U	5.9 U	
SW8082	AROCOR-1254	ug/kg	18.9 J	7.2 UJ	68.5 J	16 UJ	13 UJ	8.2 UJ	6.7 U	5.9 U	
SW8082	AROCOR-1260	ug/kg	10.2 J	7.2 UJ	43.8 J	16 UJ	13 UJ	8.2 UJ	6.7 U	5.9 U	
SW8082	AROCOR-1268	ug/kg	6.3 UJ	7.2 UJ	10 UJ	16 UJ	13 UJ	8.2 UJ	6.7 U	5.9 U	
SW8082	PCBS, N.O.S.	ug/kg	51.5 J	7.2 UJ	186 J	16 UJ	13 UJ	8.2 UJ	6.7 U	5.9 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	650 UJ	820 UJ	1200 UJ	2000 UJ	1500 UJ	920 UJ	12 U	9.4 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	650 UJ	820 UJ	1200 UJ	2000 UJ	1500 UJ	920 UJ	12 U	9.4 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	650 UJ	820 UJ	1200 UJ	2000 UJ	1500 UJ	920 UJ	12 U	9.4 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	650 UJ	820 UJ	1200 UJ	2000 UJ	1500 UJ	920 UJ	12 UJ	9.4 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	650 UJ	820 UJ	1200 UJ	2000 UJ	1500 UJ	920 UJ	12 U	9.4 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	650 UJ	820 UJ	1200 UJ	2000 UJ	1500 UJ	920 UJ	12 U	9.4 U	
SW8260	BENZENE	ug/kg	2940 J	2820 J	5700 J	5080 J	2730 J	977 J	102 J	1350	
SW8260	CHLOROBENZENE	ug/kg	650 UJ	820 UJ	1200 UJ	2000 UJ	1500 UJ	920 UJ	12 U	9.4 U	
SW8260	ETHYLBENZENE	ug/kg	131 J	77.2 J	224 J	400 UJ	310 UJ	180 UJ	2.9	1.3 J	
SW8260	NAPHTHALENE	ug/kg	22100 J	13600 J	39600 J	12000 J	14800 J	6450 J	12 U	9.4 U	
SW8260	O-XYLENE	ug/kg	652 J	346 J	1210 J	316 J	357 J	156 J	2.4 U	1.9 U	
SW8260	TOLUENE	ug/kg	4210 J	3050 J	7180 J	2910 J	1990 J	666 J	0.86 J	1.4 J	
SW8260	XYLENES, M & P	ug/kg	2570 J	1470 J	4530 J	1200 J	1390 J	557 J	1.5 J	1.4 J	
SW8260	XYLENES, TOTAL	ug/kg	3220 J	1820 J	5740 J	1510 J	1750 J	713 J	1.5 J	1.4 J	
SW8270	ACENAPHTHENE	ug/kg	20.1 J	17.3 J	26.3 J	13 UJ	11 UJ	461 J	5.7 U	5.1 U	
SW8270	ACENAPHTHYLENE	ug/kg	18.3 J	17.7 J	24.1 J	13 UJ	11.7 J	611 J	5.7 U	5.1 U	
SW8270	ANTHRACENE	ug/kg	33.5 J	33.8 J	50.2 J	13.2 J	18.6 J	2920 J	5.7 U	5.1 U	
SW8270	BENZO(A)ANTHRACENE	ug/kg	96.3 J	55.6 J	89.6 J	24.6 J	38.4 J	2440 J	6.07	5.1 U	
SW8270	BENZO(A)PYRENE	ug/kg	79.5 J	36.9 J	42.5 J	13 UJ	11.3 J	1530 J	5.7 U	5.1 U	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	107 J	52.8 J	60.1 J	13 UJ	27.5 J	1930 J	5.7 U	5.1 U	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	47.9 J	25 J	30.1 J	13 UJ	10.5 J	671 J	5.7 U	5.1 U	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	63 J	29.3 J	32.8 J	13 UJ	10.2 J	688 J	5.7 U	5.1 U	
SW8270	CHRYSENE	ug/kg	108 J	57.4 J	94.4 J	15.5 J	30 J	2500 J	5.99	5.1 U	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	24.5 J	13.1 J	13.1 J	13 UJ	11 UJ	297 J	5.7 U	5.1 U	
SW8270	FLUORANTHENE	ug/kg	223 J	134 J	202 J	37.3 J	62.2 J	5460 J	16.4	5.1 U	
SW8270	FLUORENE	ug/kg	56.9 J	49 J	75.5 J	30.7 J	51.8 J	1690 J	5.7 U	5.1 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	48 J	28 J	26.6 J	13 UJ	11 UJ	901 J	5.7 U	5.1 U	
SW8270	PHENANTHRENE	ug/kg	202 J	180 J	201 J	58.1 J	72 J	4780 J	13.5	5.1 U	
SW8270	PHENOL	ug/kg									
SW8270	PYRENE	ug/kg	208 J	123 J	289 J	46.8 J	81.1 J	4230 J	13.6	5.1 U	
SW9045	pH	S.U.	11.38 J	11.6 J	11.56 J	11.7 J	11.39 J	10.44 J	7.8	7.34	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-20161	OL-VC-20161	OL-VC-20161	OL-VC-20161	OL-VC-20162	OL-VC-20162	OL-VC-20162	OL-VC-20162	OL-VC-20162
		Sample Depth	8-9 Ft	9-10 Ft	10-11 Ft	11-12 Ft	0-1 Ft	1-2 Ft	2-3 Ft	2-3 Ft	2-3 Ft
		Field Sample ID	OL-0897-03	OL-0897-04	OL-0897-05	OL-0897-06	OL-0896-02	OL-0896-03	OL-0896-04	OL-0896-05	OL-0896-05
		Sample Date	8/19/2009	8/19/2009	8/19/2009	8/19/2009	8/19/2009	8/19/2009	8/19/2009	8/19/2009	8/19/2009
		Sample Delivery Group	JA26003	JA26003	JA26003	JA26003	JA26004	JA26004	JA26004	JA26004	JA26004
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Field duplicate
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	8330	9630 J	9020 J	9190	20100 J	11300 J	13100 J	11200 J	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	50.5	49.9	47.1	50.8	44	38.1	39.5	39.4	
SW7471	MERCURY	mg/kg	0.022 U	0.021 UJ	0.022 UJ	0.022 U	0.78 J	0.21 J	0.27 J	0.22 J	
SW8082	AROCOLOR-1016	ug/kg	6.6 U	6.6 UJ	7 UJ	6.4 U	7.6 UJ	8.6 UJ	8.4 UJ	8.4 UJ	
SW8082	AROCOLOR-1221	ug/kg	6.6 U	6.6 UJ	7 UJ	6.4 U	7.6 UJ	8.6 UJ	8.4 UJ	8.4 UJ	
SW8082	AROCOLOR-1232	ug/kg	6.6 U	6.6 UJ	7 UJ	6.4 U	7.6 UJ	8.6 UJ	8.4 UJ	8.4 UJ	
SW8082	AROCOLOR-1242	ug/kg	6.6 U	6.6 UJ	7 UJ	6.4 U	7.6 UJ	8.6 UJ	8.4 UJ	8.4 UJ	
SW8082	AROCOLOR-1248	ug/kg	6.6 U	6.6 UJ	7 UJ	6.4 U	259 J	8.6 UJ	8.4 UJ	8.4 UJ	
SW8082	AROCOLOR-1254	ug/kg	6.6 U	6.6 UJ	23.1 J	6.4 U	163 J	8.6 UJ	8.4 UJ	8.4 UJ	
SW8082	AROCOLOR-1260	ug/kg	6.6 U	6.6 UJ	7 UJ	6.4 U	68.8 J	8.6 UJ	8.4 UJ	8.4 UJ	
SW8082	AROCOLOR-1268	ug/kg	6.6 U	6.6 UJ	7 UJ	6.4 U	7.6 UJ	8.6 UJ	8.4 UJ	8.4 UJ	
SW8082	PCBS, N.O.S.	ug/kg	6.6 U	6.6 UJ	23.1 J	6.4 U	491 J	8.6 UJ	8.4 UJ	8.4 UJ	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	35 U	46 UJ	44 UJ	45 U	840 UJ	1000 UJ	1000 UJ	970 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	35 U	46 UJ	44 UJ	45 U	840 UJ	1000 UJ	1000 UJ	970 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	35 U	46 UJ	44 UJ	45 U	87.2 J	1000 UJ	1000 UJ	970 UJ	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	35 U	46 UJ	44 UJ	45 U	840 UJ	1000 UJ	1000 UJ	970 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	35 U	46 UJ	44 UJ	45 U	93.4 J	1000 UJ	1000 UJ	970 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	35 U	46 UJ	44 UJ	45 U	539 J	1000 UJ	1000 UJ	970 UJ	
SW8260	BENZENE	ug/kg	1570 J	1790 J	1700 J	1710	6040 J	5750 J	6240 J	7480 J	
SW8260	CHLOROBENZENE	ug/kg	35 U	46 UJ	44 UJ	45 U	208 J	1000 UJ	1000 UJ	970 UJ	
SW8260	ETHYLBENZENE	ug/kg	3.1 J	5.4 J	6.2 J	3.3 J	254 J	94.9 J	134 J	155 J	
SW8260	NAPHTHALENE	ug/kg	35 U	46 UJ	24.8 J	45 U	52100 J	19600 J	28900 J	30200 J	
SW8260	O-XYLENE	ug/kg	5.5 J	19.4 J	24.8 J	10.4	1750 J	635 J	884 J	1020 J	
SW8260	TOLUENE	ug/kg	7.1 U	9.1 UJ	8.8 UJ	8.9 U	2800 J	2730 J	3730 J	4480 J	
SW8260	XYLENES, M & P	ug/kg	14 U	9.3 J	12.5 J	18 U	4180 J	1700 J	2490 J	2840 J	
SW8260	XYLENES, TOTAL	ug/kg	5.5 J	28.7 J	37.3 J	10.4 J	5940 J	2340 J	3370 J	3860 J	
SW8270	ACENAPHTHENE	ug/kg	5.7 U	5.7 UJ	6 UJ	5.6 U	88.5 J	49.1 J	193 J	218 J	
SW8270	ACENAPHTHYLENE	ug/kg	5.7 U	5.7 UJ	6 UJ	5.6 U	69.3 J	43.5 J	40.3 J	43.8 J	
SW8270	ANTHRACENE	ug/kg	5.7 U	5.7 UJ	6 UJ	5.6 U	109 J	126 J	125 J	154 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	5.7 U	5.7 UJ	6 UJ	5.6 U	200 J	160 J	153 J	253 J	
SW8270	BENZO(A)PYRENE	ug/kg	5.7 U	5.7 UJ	6 UJ	5.6 U	108 J	108 J	111 J	236 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5.7 U	5.7 UJ	6 UJ	5.6 U	175 J	160 J	159 J	290 J	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5.7 U	5.7 UJ	6 UJ	5.6 U	83.7 J	63.3 J	67.1 J	150 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.7 U	5.7 UJ	6 UJ	5.6 U	61.8 J	45.5 J	48.6 J	122 J	
SW8270	CHRYSENE	ug/kg	5.7 U	5.7 UJ	6 UJ	5.6 U	205 J	147 J	186 J	320 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.7 U	5.7 UJ	6 UJ	5.6 U	37.5 J	30.7 J	36.6 J	74.7 J	
SW8270	FLUORANTHENE	ug/kg	5.7 U	5.7 UJ	6 UJ	5.6 U	1160 J	374 J	511 J	820 J	
SW8270	FLUORENE	ug/kg	5.7 U	5.7 UJ	6 UJ	5.6 U	202 J	158 J	261 J	271 J	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5.7 U	5.7 UJ	6 UJ	5.6 U	66.7 J	60.4 J	77.3 J	166 J	
SW8270	PHENANTHRENE	ug/kg	5.7 U	5.7 UJ	6 UJ	5.6 U	890 J	551 J	1060 J	1280 J	
SW8270	PHENOL	ug/kg									
SW8270	PYRENE	ug/kg	5.7 U	5.7 UJ	6 UJ	5.6 U	720 J	443 J	631 J	895 J	
SW9045	pH	S.U.	7.14	7.07 J	7.08 J	7.04	10.35 J	11.21 J	11.24 J	11.21 J	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-20162	OL-VC-20162	OL-VC-20162	OL-VC-20162	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	8-9 Ft	9-10 Ft	10-11 Ft	
		Field Sample ID	OL-0896-06	OL-0896-07	OL-0896-08	OL-0896-09	OL-0896-10	OL-0896-11	OL-0896-12	OL-0896-13	
		Sample Date	8/19/2009	8/19/2009	8/19/2009	8/19/2009	8/19/2009	8/19/2009	8/19/2009	8/19/2009	
		Sample Delivery Group	JA26004	JA26004	JA26004	JA26004	JA26004	JA26004	JA26004	JA26004	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical 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	8510 J	13700 J	6040 J	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	39.2	34.7	32.3	25.1	21.4	26.7	29.7	28.9	
SW7471	MERCURY	mg/kg	0.3 J	0.24 J	0.036 UJ	0.14 J	0.21 J	0.15 J	0.15 J	0.17 J	
SW8082	AROCOLOR-1016	ug/kg	8.5 UJ	9.6 UJ	10 UJ	13 UJ	15 UJ	12 UJ	11 UJ	12 UJ	
SW8082	AROCOLOR-1221	ug/kg	8.5 UJ	9.6 UJ	10 UJ	13 UJ	15 UJ	12 UJ	11 UJ	12 UJ	
SW8082	AROCOLOR-1232	ug/kg	8.5 UJ	9.6 UJ	10 UJ	13 UJ	15 UJ	12 UJ	11 UJ	12 UJ	
SW8082	AROCOLOR-1242	ug/kg	8.5 UJ	9.6 UJ	10 UJ	13 UJ	15 UJ	12 UJ	11 UJ	12 UJ	
SW8082	AROCOLOR-1248	ug/kg	8.5 UJ	9.6 UJ	17.9 J	13 UJ	15 UJ	16.8 J	11 UJ	12 UJ	
SW8082	AROCOLOR-1254	ug/kg	8.5 UJ	9.6 UJ	11.8 J	13 UJ	15 UJ	12 UJ	11 UJ	12 UJ	
SW8082	AROCOLOR-1260	ug/kg	8.5 UJ	9.6 UJ	10 UJ	13 UJ	15 UJ	12 UJ	11 UJ	12 UJ	
SW8082	AROCOLOR-1268	ug/kg	8.5 UJ	9.6 UJ	10 UJ	13 UJ	15 UJ	12 UJ	11 UJ	12 UJ	
SW8082	PCBS, N.O.S.	ug/kg	8.5 UJ	9.6 UJ	29.7 J	13 UJ	15 UJ	16.8 J	11 UJ	12 UJ	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	1000 UJ	1100 UJ	31 UJ	36 UJ	58 UJ	1600 UJ	1500 UJ	41 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	1000 UJ	1100 UJ	31 UJ	36 UJ	58 UJ	1600 UJ	1500 UJ	41 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	1000 UJ	1100 UJ	31 UJ	36 UJ	20 J	1600 UJ	1500 UJ	41 UJ	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	1000 UJ	1100 UJ	31 UJ	36 UJ	58 UJ	1600 UJ	1500 UJ	41 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	1000 UJ	1100 UJ	31 UJ	36 UJ	58 UJ	1600 UJ	1500 UJ	41 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	1000 UJ	1100 UJ	31 UJ	36 UJ	16.1 J	1600 UJ	1500 UJ	41 UJ	
SW8260	BENZENE	ug/kg	10000 J	10700 J	3530 J	4140 J	4570 J	6180 J	4460 J	3070 J	
SW8260	CHLOROBENZENE	ug/kg	1000 UJ	1100 UJ	31 UJ	36 UJ	58 UJ	1600 UJ	1500 UJ	41 UJ	
SW8260	ETHYLBENZENE	ug/kg	172 J	130 J	2.9 J	4.6 J	50.2 J	147 J	290 UJ	8.2 UJ	
SW8260	NAPHTHALENE	ug/kg	26100 J	8420 J	232 J	422 J	4280 J	17000 J	11400 J	317 J	
SW8260	O-XYLENE	ug/kg	1340 J	877 J	25.1 J	31.4 J	296 J	739 J	490 J	20.1 J	
SW8260	TOLUENE	ug/kg	5360 J	3840 J	228 J	195 J	683 J	1240 J	562 J	45.2 J	
SW8260	XYLENES, M & P	ug/kg	3130 J	1950 J	47 J	75 J	847 J	2470 J	1350 J	42.5 J	
SW8260	XYLENES, TOTAL	ug/kg	4470 J	2830 J	72.1 J	106 J	1140 J	3210 J	1840 J	62.6 J	
SW8270	ACENAPHTHENE	ug/kg	116 J	151 J	8.8 UJ	43.4 J	295 J	259 J	267 J	78.4 J	
SW8270	ACENAPHTHYLENE	ug/kg	121 J	110 J	8.8 UJ	15.4 J	13 UJ	11 UJ	56.5 J	46.8 J	
SW8270	ANTHRACENE	ug/kg	214 J	286 J	10.7 J	40.1 J	296 J	276 J	203 J	103 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	294 J	349 J	23.5 J	47.7 J	146 J	208 J	121 J	95.1 J	
SW8270	BENZO(A)PYRENE	ug/kg	182 J	216 J	8.8 UJ	14.6 J	76.9 J	95.1 J	48.7 J	29.9 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	194 J	309 J	8.8 UJ	26.4 J	66.5 J	89.6 J	62.7 J	51.9 J	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	89.6 J	121 J	8.8 UJ	14.9 J	66.5 J	64.8 J	31.2 J	15.9 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	60.5 J	99.3 J	8.8 UJ	21.9 J	52 J	50.4 J	29.8 J	9.79 J	
SW8270	CHRYSENE	ug/kg	270 J	353 J	14.1 J	55.3 J	212 J	221 J	129 J	84.6 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	59.1 J	70.4 J	8.8 UJ	11 UJ	21.9 J	28.7 J	13.5 J	9.9 UJ	
SW8270	FLUORANTHENE	ug/kg	639 J	1110 J	33.8 J	114 J	250 J	408 J	258 J	190 J	
SW8270	FLUORENE	ug/kg	232 J	348 J	8.8 UJ	92.2 J	692 J	515 J	395 J	89 J	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	96.1 J	124 J	8.8 UJ	12.7 J	35.4 J	48 J	24 J	14.3 J	
SW8270	PHENANTHRENE	ug/kg	928 J	1300 J	48.6 J	230 J	2360 J	1670 J	1130 J	326 J	
SW8270	PHENOL	ug/kg									
SW8270	PYRENE	ug/kg	909 J	1150 J	37 J	168 J	1330 J	1050 J	538 J	265 J	
SW9045	pH	S.U.	11.12 J	11.21 J	11.57 J	11.68 J	11.7 J	11.51 J	11.58 J	11.54 J	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-20162	OL-VC-20163	OL-VC-20163	OL-VC-20163	OL-VC-20163	OL-VC-20163	OL-VC-20163	OL-VC-20163
		Sample Depth	11-12 Ft	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-0896-14	OL-0874-01	OL-0874-02	OL-0874-03	OL-0874-04	OL-0874-05	OL-0874-06	OL-0874-07
		Sample Date	8/19/2009	8/10/2009	8/10/2009	8/10/2009	8/10/2009	8/10/2009	8/10/2009	8/10/2009
		Sample Delivery Group	JA26004	JA25248	JA25248	JA25248	JA25248	JA25248	JA25248	JA25248
		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
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	5400 J	12200 J	14900 J	20800 J	17800	20100 J	15700	26400
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	24.7	39	49.8	49.3	50.8	46.9	56.2	58.8
SW7471	MERCURY	mg/kg	0.091 J	0.29 J	0.5 J	0.51 J	0.42	0.44 J	0.6	0.54
SW8082	AROCOR-1016	ug/kg	13 UJ	8.4 UJ	6.6 UJ	6.6 UJ	6.6 U	7 UJ	5.9 U	5.6 U
SW8082	AROCOR-1221	ug/kg	13 UJ	8.4 UJ	6.6 UJ	6.6 UJ	6.6 U	7 UJ	5.9 U	5.6 U
SW8082	AROCOR-1232	ug/kg	13 UJ	8.4 UJ	6.6 UJ	6.6 UJ	6.6 U	7 UJ	5.9 U	5.6 U
SW8082	AROCOR-1242	ug/kg	13 UJ	8.4 UJ	6.6 UJ	6.6 UJ	6.6 U	7 UJ	5.9 U	154
SW8082	AROCOR-1248	ug/kg	13 UJ	27.4 J	21.8 J	43.3 J	52.2 J	151 J	97.9 J	5.6 U
SW8082	AROCOR-1254	ug/kg	13 UJ	12.4 J	19.4 J	36 J	60.9 J	72.8 J	46.7 J	68 J
SW8082	AROCOR-1260	ug/kg	13 UJ	8.4 UJ	6.6 UJ	6.6 UJ	48.6 J	81.9 J	52.6	63.2
SW8082	AROCOR-1268	ug/kg	13 UJ	8.4 UJ	10.4 J	18.7 J	6.6 UJ	7 UJ	5.9 U	5.6 U
SW8082	PCBS, N.O.S.	ug/kg	13 UJ	29.8 J	51.6 J	98 J	162	305 J	197	285
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	19 UJ	13 UJ	10 UJ	11 UJ	9.6 U	20 UJ	8.9 U	8.7 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	19 UJ	13 UJ	10 UJ	11 UJ	9.6 U	20 UJ	8.9 U	1.4 J
SW8260	1,2-DICHLOROBENZENE	ug/kg	19 UJ	13 UJ	10 UJ	11 UJ	0.82 J	20 UJ	8.9 U	8.7 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	19 UJ	13 UJ	10 UJ	11 UJ	9.6 U	4.2 J	8.9 U	8.7 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	19 UJ	13 UJ	10 UJ	0.89 J	1.5 J	8.4 J	2.2 J	5.4 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	19 UJ	1.2 J	10 UJ	2.9 J	5.4 J	22.1 J	6.4 J	16.4
SW8260	BENZENE	ug/kg	2960 J	33.7 J	1.9 J	120 J	212 J	546 J	212	171
SW8260	CHLOROBENZENE	ug/kg	19 UJ	1.2 J	1.2 J	6.8 J	11.7	25.8 J	9.2	16.1
SW8260	ETHYLBENZENE	ug/kg	1.6 J	1.9 J	2.1 UJ	2.1 J	4 J	9.1 J	5.2	5.9
SW8260	NAPHTHALENE	ug/kg	163 J	71.8 J	4.1 J	245 J	367	1790 J	186	198
SW8260	O-XYLENE	ug/kg	10.5 J	9.7 J	0.98 J	14.8 J	24.8 J	58.8 J	15.8	31.9
SW8260	TOLUENE	ug/kg	19.6 J	11.6 J	2.1 UJ	0.96 J	1.5 J	4.7 J	0.91 J	2.1
SW8260	XYLENES, M & P	ug/kg	18.2 J	19 J	1.5 J	26.3 J	47.4 J	124 J	25.1	52.8
SW8260	XYLENES, TOTAL	ug/kg	28.7 J	28.7 J	2.5 J	41.1 J	72.2	183 J	40.9	84.7
SW8270	ACENAPHTHENE	ug/kg	12 UJ	7.3 UJ	57 UJ	58 UJ	13.8	24.4 J	33.5	57.2
SW8270	ACENAPHTHYLENE	ug/kg	12 UJ	10.7 J	52 J	33.8 J	35.7	30.9 J	54.4	74
SW8270	ANTHRACENE	ug/kg	12 UJ	18.2 J	87.6 J	67 J	59	55.3 J	96.7	124
SW8270	BENZO(A)ANTHRACENE	ug/kg	15.7 J	48.9 J	129 J	116 J	144	136 J	173	191
SW8270	BENZO(A)PYRENE	ug/kg	12 UJ	41.8 J	161 J	124 J	81.7	67.3 J	129	153
SW8270	BENZO(B)FLUORANTHENE	ug/kg	12 UJ	104 J	176 J	124 J	178	174 J	156	178
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	12 UJ	43.9 J	135 J	83.6 J	55.9	37 J	46.6	50.6
SW8270	BENZO(K)FLUORANTHENE	ug/kg	12 UJ	13.4 J	98.1 J	77.6 J	53.5	29.8 J	139	175
SW8270	CHRYSENE	ug/kg	7.05 J	69.6 J	177 J	139 J	105	99 J	198	181
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	12 UJ	12.5 J	38.3 J	58 UJ	18.6	13.2 J	15.9	18.8
SW8270	FLUORANTHENE	ug/kg	25.9 J	109 J	334 J	308 J	255	259 J	452	533
SW8270	FLUORENE	ug/kg	12 UJ	13.1 J	79.7 J	110 J	103	90.8 J	131	196
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	12 UJ	39.8 J	108 J	70.7 J	57.8	41.1 J	55.7	61.9
SW8270	PHENANTHRENE	ug/kg	33.2 J	49.4 J	163 J	184 J	143	231 J	491	508
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg	31.7 J	102 J	311 J	255 J	232	235 J	350	418
SW9045	pH	S.U.	11.63 J	8.66 J	7.44 J	7.22 J	7.15	7.29 J	7.23	7.37

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-20163	OL-VC-20163	OL-VC-20163	OL-VC-20163	OL-VC-20163	OL-VC-20163	OL-VC-20163	OL-VC-20164	OL-VC-20164
		Sample Depth	6-7 Ft	7-8 Ft	8-9 Ft	9-10 Ft	10-11 Ft	11-11.5 Ft	0-1 Ft	1-2 Ft	
		Field Sample ID	OL-0874-08	OL-0874-09	OL-0874-10	OL-0874-11	OL-0874-12	OL-0874-13	OL-0874-14	OL-0874-15	
		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	JA25248	JA25248	JA25248	JA25248	JA25248	JA25248	JA25248	JA25248	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	18800	23200	68100 J	224000 J	67200	32300	37600 J	53800 J	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	57.2	55.1	46.9	36.2	51.5	78.3	45.9	48.2	
SW7471	MERCURY	mg/kg	0.54	0.43	7.9 J	13.5 J	2.1	0.5	3 J	1.3 J	
SW8082	AROCOLOR-1016	ug/kg	5.7 U	5.9 U	71 UJ	900 UJ	6.3 U	4.2 U	7.2 UJ	6.9 UJ	
SW8082	AROCOLOR-1221	ug/kg	5.7 U	5.9 U	71 UJ	900 UJ	6.3 U	4.2 U	7.2 UJ	6.9 UJ	
SW8082	AROCOLOR-1232	ug/kg	5.7 U	5.9 U	71 UJ	900 UJ	6.3 U	4.2 U	7.2 UJ	6.9 UJ	
SW8082	AROCOLOR-1242	ug/kg	5.7 U	5.9 U	71 UJ	900 UJ	6.3 U	4.2 U	7.2 UJ	6.9 UJ	
SW8082	AROCOLOR-1248	ug/kg	190 J	289	2570 J	900 UJ	6.3 U	412	1310 J	2700 J	
SW8082	AROCOLOR-1254	ug/kg	130	151 J	1790 J	900 UJ	6.3 U	204	723 J	892 J	
SW8082	AROCOLOR-1260	ug/kg	118	149	3010 J	48700 J	10600	102	577 J	230 J	
SW8082	AROCOLOR-1268	ug/kg	5.7 U	5.9 U	71 UJ	900 UJ	6.3 U	4.2 U	7.2 UJ	6.9 UJ	
SW8082	PCBS, N.O.S.	ug/kg	437	589	7380 J	48700 J	10600	718	2610 J	3820 J	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.9 U	8.4 U	1020 J	3710 J	10.7	6.4 U	11 UJ	3.6 J	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	4.9 J	8.4 U	3550 J	11400 J	40.4	6.4 U	11 UJ	6.3 J	
SW8260	1,2-DICHLOROBENZENE	ug/kg	9.5	3.1 J	1470 J	2800 J	46.5	6.4 U	4.2 J	3.4 J	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.9 U	8.4 U	810 UJ	1100 UJ	3.4 J	6.4 U	2.6 J	11 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	10.2	3.8 J	618 J	519 J	57.6	6.4 U	5.9 J	1.4 J	
SW8260	1,4-DICHLOROBENZENE	ug/kg	29	12.1	1260 J	1500 J	60.6	6.4 U	16.2 J	3.3 J	
SW8260	BENZENE	ug/kg	187	124	700 J	923 J	47.1	2.3	11.7 J	4.7 J	
SW8260	CHLOROBENZENE	ug/kg	27.3	22.6	879 J	1120 J	38.6	6.4 U	23.4 J	4 J	
SW8260	ETHYLBENZENE	ug/kg	8.1	5.6	179 J	401 J	14.8	1.3 U	1.1 J	2.2 UJ	
SW8260	NAPHTHALENE	ug/kg	284	222	5030 J	6950 J	227	2.4 J	12.3 J	11.2 J	
SW8260	O-XYLENE	ug/kg	40	28.3	432 J	731 J	31.2	1.3 U	4.4 J	1.2 J	
SW8260	TOLUENE	ug/kg	8.2	5	6710 J	29900 J	159	0.58 J	5.9 J	6 J	
SW8260	XYLENES, M & P	ug/kg	92.4	65.4	1040 J	1920 J	72.7	0.67 J	5.6 J	3.9 J	
SW8260	XYLENES, TOTAL	ug/kg	132	93.7	1470 J	2650 J	104	0.67 J	10 J	5.1 J	
SW8270	ACENAPHTHENE	ug/kg	52.2	42.8 J	117 J	231 J	47.4	12.9	60.8 J	71.5 J	
SW8270	ACENAPHTHYLENE	ug/kg	64.6	80	109 J	79 UJ	50	9.39	59.6 J	30.7 J	
SW8270	ANTHRACENE	ug/kg	130	131	235 J	253 J	101	26.8	120 J	97 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	269	241	288 J	292 J	180	45.8	289 J	287 J	
SW8270	BENZO(A)PYRENE	ug/kg	242	264	262 J	229 J	104	27.4	186 J	179 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	279	288	287 J	323 J	237	64.9	201 J	206 J	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	143	173	176 J	142 J	42.1	21.6	68.1 J	75.5 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	135	136	249 J	204 J	68.2	8.97	186 J	151 J	
SW8270	CHRYSENE	ug/kg	313	326	455 J	440 J	182	35.7	209 J	247 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	45 J	45.4 J	66.9 J	99.2 J	14	7.5	20.7 J	33.6 J	
SW8270	FLUORANTHENE	ug/kg	729	727	889 J	990 J	405	101	624 J	493 J	
SW8270	FLUORENE	ug/kg	78.2	57.3	337 J	410 J	396	53.7	180 J	147 J	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	133	149	146 J	170 J	44.5	21.4	73.9 J	89.7 J	
SW8270	PHENANTHRENE	ug/kg	440	465	981 J	1700 J	554	86.1	595 J	546 J	
SW8270	PHENOL	ug/kg									
SW8270	PYRENE	ug/kg	612	637	604 J	570 J	296	90.9	402 J	412 J	
SW9045	pH	S.U.	7.74	7.65	7.98 J	7.84 J	7.35	7.55	7.54 J	10.44 J	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-20164	OL-VC-20164	OL-VC-20164	OL-VC-20164	OL-VC-20164	OL-VC-20164	OL-VC-20164	OL-VC-20164	OL-VC-20166
		Sample Depth	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	6-7 Ft	7-8.2 Ft	8-9 Ft	0-1 Ft	
		Field Sample ID	OL-0874-16	OL-0874-17	OL-0874-18	OL-0874-19	OL-0874-20	OL-0874-21	OL-0876-07	OL-0847-14	
		Sample Date	8/10/2009	8/10/2009	8/10/2009	8/10/2009	8/10/2009	8/10/2009	8/10/2009	7/28/2009	
		Sample Delivery Group	JA25248	JA25248	JA25248	JA25248	JA25248	JA25248	JA25249	JA24181	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%						81.2		46.1	
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	67900	48100 J	20900	26100	17600	15000	45900	62200 J	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	52.7	49.1	76.5	71.7	75.7		71.4		
SW7471	MERCURY	mg/kg	1.3	3.5 J	0.68	0.42	0.22	0.17	0.57 J	4.3 J	
SW8082	AROCOLOR-1016	ug/kg	6.3 U	6.7 UJ	4.4 U	4.6 U	4.3 U	4.1 U	4.6 U	7.2 UJ	
SW8082	AROCOLOR-1221	ug/kg	6.3 U	6.7 UJ	4.4 U	4.6 U	4.3 U	4.1 U	4.6 U	7.2 UJ	
SW8082	AROCOLOR-1232	ug/kg	6.3 U	6.7 UJ	4.4 U	4.6 U	4.3 U	4.1 U	4.6 U	7.2 UJ	
SW8082	AROCOLOR-1242	ug/kg	6.3 U	6.7 UJ	4.4 U	4.6 U	4.3 U	4.1 U	4.6 U	7.2 UJ	
SW8082	AROCOLOR-1248	ug/kg	1990	1480 J	613	1070	795	519	4020	1150 J	
SW8082	AROCOLOR-1254	ug/kg	935	777 J	402	801	600	485	2340	533 J	
SW8082	AROCOLOR-1260	ug/kg	142	70.1 J	45.2	98	72.4	78.6	285	167 J	
SW8082	AROCOLOR-1268	ug/kg	6.3 U	6.7 UJ	4.4 U	4.6 U	4.3 U	4.1 U	4.6 U	7.2 UJ	
SW8082	PCBS, N.O.S.	ug/kg	3070	2330 J	1060	1970	1470	1080	6650	1850 J	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9.7 U	10 UJ	6.3 U	6.7 U	6.5 U	5.9 UJ	7.4 U	11 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	2.6 J	4 J	0.57 J	0.66 J	6.5 U	5.9 U	7.4 U	11 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	9.7 U	1.5 J	6.3 U	6.7 U	6.5 U	5.9 U	0.61 J	1.7 J	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9.7 U	2.5 J	6.3 U	6.7 U	6.5 U	5.9 U	7.4 U	2.4 J	
SW8260	1,3-DICHLOROBENZENE	ug/kg	9.7 U	5 J	6.3 U	6.7 U	6.5 U	5.9 U	7.4 U	7.3 J	
SW8260	1,4-DICHLOROBENZENE	ug/kg	9.7 U	3.9 J	0.43 J	0.72 J	0.76 J	0.47 J	1 J	19.6 J	
SW8260	BENZENE	ug/kg	4.8	28.1 J	12	10	3.5	1.6	6.4	29.6 J	
SW8260	CHLOROBENZENE	ug/kg	2.1 J	1.9 J	6.3 U	6.7 U	6.5 U	5.9 U	1.1 J	112 J	
SW8260	ETHYLBENZENE	ug/kg	1.9 U	0.86 J	1.3 U	1.3 U	1.3 U	1.2 U	1.5 U	3 J	
SW8260	NAPHTHALENE	ug/kg	5.7 J	25.5 J	3.8 J	3.8 J	1.8 J	1.7 J	8.6	13.1 J	
SW8260	O-XYLENE	ug/kg	1.9 U	4.6 J	0.81 J	0.69 J	1.3 U	1.2 U	1.3 J	7.3 J	
SW8260	TOLUENE	ug/kg	4.4	4.9 J	1.1 J	0.73 J	0.42 J	1.2 U	1.4 J	2.2 J	
SW8260	XYLENES, M & P	ug/kg	2.3 J	5.5 J	0.87 J	0.72 J	2.6 U	2.4 U	1.2 J	7.9 J	
SW8260	XYLENES, TOTAL	ug/kg	2.3 J	10.1 J	1.7 J	1.4 J	2.6 U	2.4 U	2.5 J	15.2 J	
SW8270	ACENAPHTHENE	ug/kg	68.3	48.3 J	24	22.9	24.9	17.2	79.1	64.8 J	
SW8270	ACENAPHTHYLENE	ug/kg	26.7	29.5 J	10.6	9.54	5.38	8.46	35.9 J	161 J	
SW8270	ANTHRACENE	ug/kg	86.6	81.3 J	50.6	47	46.9	34	96.6	190 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	227	262 J	95.4	104	105	94.7	265	377 J	
SW8270	BENZO(A)PYRENE	ug/kg	140	154 J	60.4	66.3	60.9	58.6	240	310 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	166	158 J	98.1	110	101	105	221	471 J	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	44.3	62.7 J	43.7	45.4	35.4	41.7	72.8	155 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	128	159 J	42.7	51.5	40.2	41.2	240	116 J	
SW8270	CHRYSENE	ug/kg	187	165 J	69.2	78.8	69.5	65.7	278	342 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	15.8	27.7 J	17.2	17.5	15.5	15.5	40 U	82.7 J	
SW8270	FLUORANTHENE	ug/kg	460	389 J	177	182	159	166	665	754 J	
SW8270	FLUORENE	ug/kg	397	895 J	95.4	77	41.7	41.9	272	389 J	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	53.6	76.3 J	46.3	49.7	38.1	43.4	68	151 J	
SW8270	PHENANTHRENE	ug/kg	493	275 J	184	165	183	138	444	548 J	
SW8270	PHENOL	ug/kg									
SW8270	PYRENE	ug/kg	284	325 J	147	156	165	144	432	623 J	
SW9045	pH	S.U.	10.49	10.11 J	9.48	10.26	10.52	10.59	9.97	7.08 J	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-20166	OL-VC-20166	OL-VC-20166	OL-VC-20166	OL-VC-20166	OL-VC-20166	OL-VC-20167	OL-VC-20167	OL-VC-20167
		Sample Depth	1-2 Ft	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-0847-15	OL-0847-16	OL-0847-17	OL-0847-18	OL-0847-19	OL-0847-08	OL-0847-09	OL-0847-10	
		Sample Date	7/28/2009	7/28/2009	7/28/2009	7/28/2009	7/28/2009	7/28/2009	7/28/2009	7/28/2009	
		Sample Delivery Group	JA24181	JA24181	JA24181	JA24181	JA24181	JA24181	JA24181	JA24181	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%	37.7	44.1	52.6	51	61.7	40.7	52.5	51.7	
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	68200 J	17900 J	7970	8060	8860	80600 J	37600	12600	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%									
SW7471	MERCURY	mg/kg	6 J	1.4 J	0.022 U	0.025 U	0.02 U	3 J	2.5	0.061	
SW8082	AROCOLOR-1016	ug/kg	8.8 UJ	7.5 UJ	6.3 U	6.5 U	5.3 U	8 UJ	6.3 U	6.4 U	
SW8082	AROCOLOR-1221	ug/kg	8.8 UJ	7.5 UJ	6.3 U	6.5 U	5.3 U	8 UJ	6.3 U	6.4 U	
SW8082	AROCOLOR-1232	ug/kg	8.8 UJ	7.5 UJ	6.3 U	6.5 U	5.3 U	8 UJ	6.3 U	6.4 U	
SW8082	AROCOLOR-1242	ug/kg	8.8 UJ	7.5 UJ	6.3 U	6.5 U	5.3 U	8 UJ	6.3 U	6.4 U	
SW8082	AROCOLOR-1248	ug/kg	402 J	7.5 UJ	6.3 U	6.5 U	5.3 U	166 J	6.3 U	6.4 U	
SW8082	AROCOLOR-1254	ug/kg	201 J	7.5 UJ	6.3 U	6.5 U	5.3 U	75.9 J	6.3 U	6.4 U	
SW8082	AROCOLOR-1260	ug/kg	191 J	7.5 UJ	6.3 U	6.5 U	5.3 U	44.5 J	6.3 U	6.4 U	
SW8082	AROCOLOR-1268	ug/kg	8.8 UJ	7.5 UJ	6.3 U	6.5 U	5.3 U	8 UJ	6.3 U	6.4 U	
SW8082	PCBS, N.O.S.	ug/kg	794 J	7.5 UJ	6.3 U	6.5 U	5.3 U	286 J	6.3 U	6.4 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	13 UJ	11 UJ	9.3 U	9.8 U	7.9 U	12 UJ	9.3 U	9.7 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	13 UJ	11 UJ	9.3 U	9.8 U	7.9 U	12 UJ	9.3 U	9.7 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	6.5 J	11 UJ	9.3 U	9.8 U	7.9 U	62.4 J	6.5 J	9.7 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	4.4 J	11 UJ	9.3 U	9.8 U	7.9 U	12 UJ	9.3 U	9.7 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	86.9 J	11 UJ	9.3 U	9.8 U	7.9 U	15.4 J	9.3 U	9.7 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	82.7 J	11 UJ	9.3 U	9.8 U	7.9 U	61.1 J	4.4 J	9.7 U	
SW8260	BENZENE	ug/kg	10.5 J	2.3 UJ	1.9 U	2 U	1.6 U	3.1 J	1.9 U	1.9 U	
SW8260	CHLOROBENZENE	ug/kg	317 J	11 UJ	9.3 U	9.8 U	7.9 U	47 J	9.3 U	9.7 U	
SW8260	ETHYLBENZENE	ug/kg	3.6 J	2.3 UJ	1.9 U	2 U	1.6 U	7 J	1.9 U	1.9 U	
SW8260	NAPHTHALENE	ug/kg	13 UJ	11 UJ	9.3 U	9.8 U	7.9 U	12 UJ	9.3 U	9.7 U	
SW8260	O-XYLENE	ug/kg	3.3 J	2.3 UJ	1.9 U	2 U	1.6 U	2.5 UJ	1.9 U	1.9 U	
SW8260	TOLUENE	ug/kg	3.3 J	2.3 UJ	1.9 U	2 U	1.6 U	2.1 J	1.9 U	1.9 U	
SW8260	XYLENES, M & P	ug/kg	2.4 J	4.5 UJ	3.7 U	3.9 U	3.2 U	4.9 J	3.7 U	3.9 U	
SW8260	XYLENES, TOTAL	ug/kg	5.7 J	4.5 UJ	3.7 U	3.9 U	3.2 U	4.9 J	3.7 U	3.9 U	
SW8270	ACENAPHTHENE	ug/kg	15 UJ	65 UJ	11 U	11 U	9.3 U	23.6 J	11.9 J	11 U	
SW8270	ACENAPHTHYLENE	ug/kg	30.7 J	104 J	11 U	11 U	9.3 U	66.2 J	109	11 U	
SW8270	ANTHRACENE	ug/kg	39.5 J	79.1 J	11 U	11 U	9.3 U	245 J	309	6.11 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	166 J	499 J	12.8	11 U	9.3 U	180 J	335	21.2	
SW8270	BENZO(A)PYRENE	ug/kg	59.3 J	395 J	11 U	11 U	9.3 U	89.1 J	208	11	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	124 J	530 J	11 UJ	11 UJ	9.3 UJ	274 J	339	21.3 J	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	32.2 J	244 J	11 U	11 U	9.3 U	36 J	102	8.06 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	39.3 J	197 J	11 UJ	11 UJ	9.3 UJ	47.5 J	103 J	5.54 J	
SW8270	CHRYSENE	ug/kg	87 J	502 J	5.67 J	11 U	9.3 U	142 J	273	11.8	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	15 J	89.3 J	11 U	11 U	9.3 U	64.7 J	61.1	11 U	
SW8270	FLUORANTHENE	ug/kg	312 J	974 J	16.1	11 U	9.3 U	416 J	690	28.4	
SW8270	FLUORENE	ug/kg	340 J	704 J	11.9	11 U	9.3 U	2050 J	1530	31.1	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	34.8 J	211 J	11 U	11 U	9.3 U	44.5 J	110	6.43 J	
SW8270	PHENANTHRENE	ug/kg	62.1 J	67.2 J	11 U	11 U	9.3 U	52.1 J	64.8 J	6.25 J	
SW8270	PHENOL	ug/kg									
SW8270	PYRENE	ug/kg	244 J	823 J	14.7	11 U	9.3 U	276 J	473	32.1	
SW9045	pH	S.U.	7.55 J	7.71 J	7.29	7.17	7.3	8.1 J	7.81	7.5	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-20167	OL-VC-20167	OL-VC-20167	OL-VC-20168	OL-VC-20168	OL-VC-20168	OL-VC-20168	OL-VC-20168
		Sample Depth	3-4 Ft	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-0847-11	OL-0847-12	OL-0847-13	OL-0850-20	OL-0851-01	OL-0851-02	OL-0851-03	OL-0851-04
		Sample Date	7/28/2009	7/28/2009	7/28/2009	7/29/2009	7/29/2009	7/29/2009	7/29/2009	7/29/2009
		Sample Delivery Group	JA24181	JA24181	JA24181	JA24295	JA24294	JA24294	JA24294	JA24294
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%	49.2		57.5					
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	12000 J	10100	12500	21500	8400	9750	8340	7160
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%		57.1		63.3	59.5	59.8	54.1	64.2
SW7471	MERCURY	mg/kg	0.026 UJ	0.022 U	0.021 U	0.4	0.022 U	0.02 U	0.023 U	0.019 U
SW8082	AROCOLOR-1016	ug/kg	6.7 UJ	5.8 U	5.7 U	5.2 U	5.5 U	5.4 U	6.1 U	5.2 U
SW8082	AROCOLOR-1221	ug/kg	6.7 UJ	5.8 U	5.7 U	5.2 U	5.5 U	5.4 U	6.1 U	5.2 U
SW8082	AROCOLOR-1232	ug/kg	6.7 UJ	5.8 U	5.7 U	5.2 U	5.5 U	5.4 U	6.1 U	5.2 U
SW8082	AROCOLOR-1242	ug/kg	6.7 UJ	5.8 U	5.7 U	5.2 U	5.5 U	5.4 U	6.1 U	5.2 U
SW8082	AROCOLOR-1248	ug/kg	6.7 UJ	5.8 U	5.7 U	5.2 U	5.5 U	5.4 U	6.1 U	5.2 U
SW8082	AROCOLOR-1254	ug/kg	6.7 UJ	5.8 U	5.7 U	5.2 U	5.5 U	5.4 U	6.1 U	5.2 U
SW8082	AROCOLOR-1260	ug/kg	6.7 UJ	5.8 U	5.7 U	5.2 U	5.5 U	5.4 U	6.1 U	5.2 U
SW8082	AROCOLOR-1268	ug/kg	6.7 UJ	5.8 U	5.7 U	5.2 U	5.5 U	5.4 U	6.1 U	5.2 U
SW8082	PCBS, N.O.S.	ug/kg	6.7 UJ	5.8 U	5.7 U	5.2 U	5.5 U	5.4 U	6.1 U	5.2 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	10 UJ	8.3 U	8.4 U	8.4 U	8.2 U	8.4 U	8.9 U	7.6 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	10 UJ	8.3 U	8.4 U	8.4 U	8.2 U	8.4 U	8.9 U	7.6 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	0.62 J	8.3 U	8.4 U	10.6	8.2 U	8.4 U	8.9 U	7.6 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	10 UJ	8.3 UJ	8.4 U	8.4 U	8.2 U	8.4 U	8.9 U	7.6 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	10 UJ	8.3 U	8.4 U	2.4 J	8.2 U	8.4 U	8.9 U	7.6 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	10 UJ	8.3 U	8.4 U	11.8	8.2 U	8.4 U	8.9 U	7.6 U
SW8260	BENZENE	ug/kg	2 UJ	1.7 U	1.7 U	14.2	1.6 U	1.7 U	1.8 U	1.5 U
SW8260	CHLOROBENZENE	ug/kg	10 UJ	8.3 U	8.4 U	20.6	2.3 J	4.1 J	3.2 J	1.5 J
SW8260	ETHYLBENZENE	ug/kg	2 UJ	1.7 U	1.7 U	20	1 J	1.7 U	1.8 U	1.5 U
SW8260	NAPHTHALENE	ug/kg	10 UJ	8.3 U	8.4 U	24.9	8.2 U	8.4 U	8.9 U	7.6 U
SW8260	O-XYLENE	ug/kg	2 UJ	1.7 U	1.7 U	2.5	0.95 J	1.7 U	1.8 U	1.5 U
SW8260	TOLUENE	ug/kg	2 UJ	1.7 U	1.7 U	3.1	0.95 J	1.7 U	1.8 U	1.5 U
SW8260	XYLENES, M & P	ug/kg	4.1 UJ	3.3 U	3.3 U	7.4	3.2 J	3.3 U	3.6 U	3.1 U
SW8260	XYLENES, TOTAL	ug/kg	4.1 UJ	3.3 U	3.3 U	9.9	4.2	3.3 U	3.6 U	3.1 U
SW8270	ACENAPHTHENE	ug/kg	12 UJ	10 U	9.9 U	709	68.8	48 U	11 U	44 U
SW8270	ACENAPHTHYLENE	ug/kg	12 UJ	10 U	9.9 U	696	44.7 J	48 U	11 U	44 U
SW8270	ANTHRACENE	ug/kg	12 UJ	10 U	9.9 U	1890	152	11.3	8.38 J	44 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	12 UJ	10 U	9.9 U	1530	116	14.9	11.4	44 U
SW8270	BENZO(A)PYRENE	ug/kg	12 UJ	10 U	9.9 U	879 J	72	48 U	11 U	44 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	12 UJ	10 UJ	9.9 UJ	632	86.2	7.18 J	11 U	44 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	12 UJ	10 U	9.9 U	363	37.9 J	48 U	11 U	44 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	12 UJ	10 UJ	9.9 UJ	749 J	40.4 J	3.28 J	11 U	44 U
SW8270	CHRYSENE	ug/kg	12 UJ	10 U	9.9 U	1230 J	95.6	4.68 J	3.13 J	44 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	12 UJ	10 U	9.9 U	148	48 U	48 U	11 U	44 U
SW8270	FLUORANTHENE	ug/kg	12 UJ	10 U	9.9 U	2910	252	18.8	14.3	44 U
SW8270	FLUORENE	ug/kg	12 UJ	10 U	9.9 U	280	144	7.19 J	5.88 J	44 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	12 UJ	10 U	9.9 U	397 J	40.3 J	48 U	11 U	44 U
SW8270	PHENANTHRENE	ug/kg	12 UJ	10 U	9.9 U	3850	348	29.5	23.3	44 U
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg	12 UJ	10 U	9.9 U	2040	182	13	10.5 J	44 U
SW9045	pH	S.U.	7.4 J	7.46	7.55	7.65	7.31	7.41	7.47	7.64

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-20168	OL-VC-20169	OL-VC-20169	OL-VC-20169	OL-VC-20169	OL-VC-20169	OL-VC-20169	OL-VC-20170
		Sample Depth	5-6 Ft	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-0851-05	OL-0850-14	OL-0850-15	OL-0850-16	OL-0850-17	OL-0850-18	OL-0850-19	OL-0848-13
		Sample Date	7/29/2009	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	JA24295	JA24295	JA24295	JA24295	JA24295	JA24295	JA24182
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	7570	57300	6430	7770	10700	6160	7910	4040
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	55.9	53.9	64.6	52.8	55.7	54.3	54.1	72
SW7471	MERCURY	mg/kg	0.022 U	0.28	0.028 J	0.032 J	0.021 U	0.023 U	0.023 U	0.018 U
SW8082	AROCOLOR-1016	ug/kg	5.9 U	6.1 U	5.1 U	6.3 U	5.9 U	6.1 U	6.1 U	4.5 U
SW8082	AROCOLOR-1221	ug/kg	5.9 U	6.1 U	5.1 U	6.3 U	5.9 U	6.1 U	6.1 U	4.5 U
SW8082	AROCOLOR-1232	ug/kg	5.9 U	6.1 U	5.1 U	6.3 U	5.9 U	6.1 U	6.1 U	4.5 U
SW8082	AROCOLOR-1242	ug/kg	5.9 U	6.1 U	5.1 U	6.3 U	5.9 U	6.1 U	6.1 U	4.5 U
SW8082	AROCOLOR-1248	ug/kg	5.9 U	6.1 U	5.1 U	6.3 U	5.9 U	6.1 U	6.1 U	4.5 U
SW8082	AROCOLOR-1254	ug/kg	5.9 U	6.1 U	5.1 U	6.3 U	5.9 U	6.1 U	6.1 U	4.5 U
SW8082	AROCOLOR-1260	ug/kg	5.9 U	6.1 U	5.1 U	6.3 U	5.9 U	6.1 U	6.1 U	4.5 U
SW8082	AROCOLOR-1268	ug/kg	5.9 U	6.1 U	5.1 U	6.3 U	5.9 U	6.1 U	6.1 U	4.5 U
SW8082	PCBS, N.O.S.	ug/kg	5.9 U	6.1 U	5.1 U	6.3 U	5.9 U	6.1 U	6.1 U	4.5 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.9 U	36 U	8.1 U	8.8 U	17 U	19 U	18 U	1100 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.9 U	36 U	8.1 U	8.8 U	17 U	19 U	18 U	1100 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.9 U	3.3 J	8.1 U	8.8 U	17 U	19 U	18 U	1630
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.9 U	36 U	8.1 U	8.8 U	17 U	19 U	18 U	1100 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.9 U	36 U	8.1 U	8.8 U	17 U	19 U	18 U	1100 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.9 U	2.7 J	8.1 U	8.8 U	17 U	19 U	18 U	2480
SW8260	BENZENE	ug/kg	6.9 U	1300	5.1 U	108	392	598	492	64100
SW8260	CHLOROBENZENE	ug/kg	8.9 U	12.8 J	0.87 J	8.8 U	17 U	19 U	18 U	2340
SW8260	ETHYLBENZENE	ug/kg	1.8 U	71.6	1.6 U	1.8 U	3.5 U	3.8 U	3.6 U	70700
SW8260	NAPHTHALENE	ug/kg	8.9 U	8010	22.6	3.3 J	12.5 J	4.1 J	4.5 J	1280000
SW8260	O-XYLENE	ug/kg	1.8 U	94.4	1.6 U	1.8 U	3.5 U	3.8 U	3.6 U	158000
SW8260	TOLUENE	ug/kg	1.8 U	28.8	1.6 U	1.8 U	3.5 U	3.8 U	3.6 U	53400
SW8260	XYLENES, M & P	ug/kg	3.6 U	161	0.95 J	3.5 U	6.9 U	7.7 U	7.1 U	664000
SW8260	XYLENES, TOTAL	ug/kg	3.6 U	255	0.95 J	3.5 U	6.9 U	7.7 U	7.1 U	822000
SW8270	ACENAPHTHENE	ug/kg	5.1 U	3530	197	5.9 U	5.6 U	5.6 U	5.8 U	172
SW8270	ACENAPHTHYLENE	ug/kg	5.1 U	4920	51.3	5.9 U	5.6 U	5.6 U	5.8 U	131
SW8270	ANTHRACENE	ug/kg	5.1 U	8610	598	9.95	5.6 U	5.6 U	5.8 U	286
SW8270	BENZO(A)ANTHRACENE	ug/kg	5.1 U	6650	481	18	5.6 U	5.6 U	12	87.5
SW8270	BENZO(A)PYRENE	ug/kg	5.1 U	3560 J	545 J	6.24 J	5.6 U	5.6 U	5.8 U	65.9
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5.1 U	3900	434	15.2	5.6 U	5.6 U	5.8 U	118
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5.1 U	1390	298	5.9 U	5.6 U	5.6 U	5.8 U	17.1
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.1 U	2010 J	314 J	6.03 J	5.6 U	5.6 U	5.8 U	24.9
SW8270	CHRYSENE	ug/kg	5.1 U	4660 J	506 J	8.16 J	5.6 U	5.6 U	4.5 J	77.2
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.1 U	853	117	5.9 U	5.6 U	5.6 U	5.8 U	24.8
SW8270	FLUORANTHENE	ug/kg	5.1 U	12200	1470	22	5.6 U	5.6 U	13.2	271
SW8270	FLUORENE	ug/kg	5.1 U	8580	337	8.23	5.6 U	5.6 U	5.8 U	15600
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5.1 U	1650 J	265 J	5.9 U	5.6 U	5.6 U	5.8 U	39.4
SW8270	PHENANTHRENE	ug/kg	5.1 U	20100	1590	33.1	10.7	5.6 U	13	1320
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg	5.1 U	9850	1440	17	5.6 U	5.6 U	13.3	284
SW9045	pH	S.U.	7.42	7.33	7.49	7.12	7.26	7.21	7.2	7.82

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-20170	OL-VC-20170	OL-VC-20170	OL-VC-20170	OL-VC-20170	OL-VC-20171	OL-VC-20171	OL-VC-20171
		Sample Depth	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	0.0-1.0 Ft	1.0-2.0 Ft	2.0-3.0 Ft
		Field Sample ID	OL-0848-14	OL-0848-15	OL-0848-16	OL-0848-17	OL-0848-18	OL-0829-01	OL-0829-02	OL-0829-03
		Sample Date	7/28/2009	7/28/2009	7/28/2009	7/28/2009	7/28/2009	7/8/2009	7/8/2009	7/8/2009
		Sample Delivery Group	JA24182	JA24182	JA24182	JA24182	JA24182	JA22719	JA22719	JA22719
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	8940	15800	2290	28600	27300	28500 J	54300 J	50300 J
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	63.8	54.5	52.6	51.3	58.6	33.4	31.4	32.5
SW7471	MERCURY	mg/kg	0.019 U	0.021 U	0.025 U	0.022 U	0.022 U	1.7 J	2.9 J	12.2 J
SW8082	AROCOLOR-1016	ug/kg	5.2 U	6 U	6.3 U	6.4 U	5.7 U	10 UJ	11 UJ	10 UJ
SW8082	AROCOLOR-1221	ug/kg	5.2 U	6 U	6.3 U	6.4 U	5.7 U	10 UJ	11 UJ	10 UJ
SW8082	AROCOLOR-1232	ug/kg	5.2 U	6 U	6.3 U	6.4 U	5.7 U	10 UJ	11 UJ	10 UJ
SW8082	AROCOLOR-1242	ug/kg	5.2 U	6 U	6.3 U	6.4 U	5.7 U	10 UJ	11 UJ	10 UJ
SW8082	AROCOLOR-1248	ug/kg	5.2 U	69.6	6.3 U	6.4 U	5.7 U	134 J	515 J	687 J
SW8082	AROCOLOR-1254	ug/kg	5.2 U	59.7	6.3 U	6.4 U	5.7 U	88.9 J	270 J	385 J
SW8082	AROCOLOR-1260	ug/kg	5.2 U	29.3	6.3 U	6.4 U	5.7 U	43.7 J	114 J	146 J
SW8082	AROCOLOR-1268	ug/kg	5.2 U	6 U	6.3 U	6.4 U	5.7 U	10 UJ	11 UJ	10 UJ
SW8082	PCBS, N.O.S.	ug/kg	5.2 U	159	6.3 U	6.4 U	5.7 U	267 J	899 J	1220 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.7 U	42 U	43 U	49 U	16 U	15 UJ	15 UJ	15 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.7 U	42 U	43 U	49 U	16 U	4.1 J	15 UJ	2.4 J
SW8260	1,2-DICHLOROBENZENE	ug/kg	3.9 J	42 U	43 U	49 U	16 U	4.4 J	4.2 J	11.9 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.7 U	42 U	43 U	49 U	16 U	2.1 J	5 J	10.3 J
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.7 U	42 U	43 U	49 U	16 U	2.2 J	4.1 J	7.1 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	5.2 J	42 U	43 U	49 U	16 U	9.2 J	14.9 J	19.5 J
SW8260	BENZENE	ug/kg	114	1340	1600	1310	563	6.7 J	12.8 J	11.7 J
SW8260	CHLOROBENZENE	ug/kg	15.6	16.7 J	10.2 J	4.3 J	16 U	9.6 J	29.4 J	14.7 J
SW8260	ETHYLBENZENE	ug/kg	82.8	33.8	16.5	8.9 J	3.2 U	1.5 J	2.2 J	6.2 J
SW8260	NAPHTHALENE	ug/kg	4060	481	75.8	37.7 J	6.1 J	17.6 J	6.5 J	12.1 J
SW8260	O-XYLENE	ug/kg	175	41.4	4.4 J	9.7 U	3.2 U	3 UJ	2.3 J	2.6 J
SW8260	TOLUENE	ug/kg	43.1	10.6	8.6 U	9.7 U	3.2 U	2.3 J	5 J	4.6 J
SW8260	XYLENES, M & P	ug/kg	686	188	22.6	19 U	2 J	2.1 J	2.3 J	5.5 J
SW8260	XYLENES, TOTAL	ug/kg	861	229	27	19 U	2 J	2.1 J	4.6 J	8.1 J
SW8270	ACENAPHTHENE	ug/kg	8.9 U	10 U	11 U	11 U	9.8 U	17 UJ	49.8 J	114 J
SW8270	ACENAPHTHYLENE	ug/kg	8.9 U	10 U	11 U	11 U	9.8 U	53.6 J	68.7 J	146 J
SW8270	ANTHRACENE	ug/kg	8.9 U	10 U	11 U	11 U	9.8 U	57.9 J	136 J	212 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	8.9 U	10 U	11 U	11 U	9.8 U	165 J	197 J	431 J
SW8270	BENZO(A)PYRENE	ug/kg	8.9 U	10 U	11 U	11 U	9.8 U	144 J	164 J	280 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	8.9 U	10 U	11 U	11 U	9.8 U	230 J	315 J	386 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	8.9 U	10 U	11 U	11 U	9.8 U	93.5 J	66.8 J	91.5 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	8.9 U	10 U	11 U	11 U	9.8 U	109 J	124 J	346 J
SW8270	CHRYSENE	ug/kg	8.9 U	10 U	11 U	11 U	9.8 U	175 J	235 J	544 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	8.9 U	10 U	11 U	11 U	9.8 U	31.8 J	23.2 J	36.7 J
SW8270	FLUORANTHENE	ug/kg	8.9 U	10 U	11 U	11 U	9.8 U	264 J	400 J	828 J
SW8270	FLUORENE	ug/kg	124	22.6	11 U	11 U	9.8 U	62.8 J	198 J	1620 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	8.9 U	10 U	11 U	11 U	9.8 U	121 J	89.2 J	139 J
SW8270	PHENANTHRENE	ug/kg	13.6	10 U	11 U	11 U	9.8 U	116 J	325 J	806 J
SW8270	PHENOL	ug/kg						86 UJ	118 J	93.3 J
SW8270	PYRENE	ug/kg	8.9 U	10 U	11 U	11 U	9.8 U	281 J	573 J	1120 J
SW9045	pH	S.U.	7.51	7.32	7.26	7.24	7.39	8.12 J	8.12 J	8.12 J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-20171	OL-VC-20171	OL-VC-20171	OL-VC-20172-A	OL-VC-20172-A	OL-VC-20172	OL-VC-20172	OL-VC-20172
		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	2.0-3.0 Ft
		Field Sample ID	OL-0829-04	OL-0829-05	OL-0829-06	OL-1024-10	OL-1024-11	OL-0829-07	OL-0829-08	OL-0829-09
		Sample Date	7/8/2009	7/8/2009	7/8/2009	9/22/2009	9/22/2009	7/8/2009	7/8/2009	7/8/2009
		Sample Delivery Group	JA22719	JA22719	JA22719	OLS02 OLS04	OLS02 OLS04	JA22719	JA22719	JA22719
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	34200 J	32200 J	20700	33700 J	64000 J	31400 J	50100 J	26900 J
SM2540G	PERCENT MOISTURE	%				65	65.5			
SM2540G	SOLIDS, PERCENT	%	37.4	44.2	52.7			33.8	28.2	36.2
SW7471	MERCURY	mg/kg	1.8 J	1.1 J	0.023 J	1.31 J	2.51 J	4.1 J	16.2 J	1.3 J
SW8082	AROCOR-1016	ug/kg	8.7 UJ	7.4 UJ	6.3 U	24 UJ	490 UJ	9.8 UJ	12 UJ	9.1 UJ
SW8082	AROCOR-1221	ug/kg	8.7 UJ	7.4 UJ	6.3 U	24 UJ	490 UJ	9.8 UJ	12 UJ	9.1 UJ
SW8082	AROCOR-1232	ug/kg	8.7 UJ	7.4 UJ	6.3 U	24 UJ	490 UJ	9.8 UJ	12 UJ	9.1 UJ
SW8082	AROCOR-1242	ug/kg	8.7 UJ	7.4 UJ	6.3 U	24 UJ	490 UJ	9.8 UJ	12 UJ	9.1 UJ
SW8082	AROCOR-1248	ug/kg	8.7 UJ	7.4 UJ	6.3 U	200 J	1700 J	393 J	857 J	59.6 J
SW8082	AROCOR-1254	ug/kg	8.7 UJ	7.4 UJ	6.3 U	160 J	980 J	215 J	487 J	83.5 J
SW8082	AROCOR-1260	ug/kg	8.7 UJ	7.4 UJ	6.3 U	87 J	470 J	111 J	174 J	57.5 J
SW8082	AROCOR-1268	ug/kg	8.7 UJ	7.4 UJ	6.3 U	24 UJ	490 UJ	9.8 UJ	12 UJ	9.1 UJ
SW8082	PCBS, N.O.S.	ug/kg	8.7 UJ	7.4 UJ	6.3 U	450 J	3200 J	719 J	1520 J	201 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	15 UJ	12 UJ	9.9 U	15 UJ	15 UJ	14 UJ	18 UJ	14 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	15 UJ	12 UJ	9.9 U	15 UJ	15 UJ	14 UJ	18 UJ	14 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	1.7 J	12 UJ	9.9 U	4 J	5 J	1.4 J	13.3 J	27 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	15 UJ	12 UJ	9.9 U	15 UJ	7 J	2.2 J	14 J	14 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	15 UJ	12 UJ	9.9 U	4 J	41 J	5.4 J	16.8 J	5 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	2 J	12 UJ	9.9 U	19 J	99 J	12.3 J	42 J	58.5 J
SW8260	BENZENE	ug/kg	7.8 J	1.7 J	2 U	15 UJ	42 J	25.7 J	178 J	547 J
SW8260	CHLOROBENZENE	ug/kg	1.1 J	12 UJ	9.9 U	24 J	110 J	18.1 J	30.9 J	30.7 J
SW8260	ETHYLBENZENE	ug/kg	7.1 J	1.7 J	2 U	15 UJ	6 J	1.7 J	40.7 J	3790 J
SW8260	NAPHTHALENE	ug/kg	6.3 J	12 UJ	9.9 U	15 UJ	12 J	7.8 J	7900 J	326000 J
SW8260	O-XYLENE	ug/kg	2 J	2.5 UJ	2 U	3 J	33 J	12.1 J	69.9 J	3510 J
SW8260	TOLUENE	ug/kg	2.8 J	0.85 J	2 U	15 UJ	7 J	0.99 J	5.6 J	30 J
SW8260	XYLENES, M & P	ug/kg	7.8 J	2.1 J	4 U	4 J	29 J	10.1 J	142 J	8440 J
SW8260	XYLENES, TOTAL	ug/kg	9.8 J	2.1 J	4 U	8 J	61 J	22.2 J	212 J	12000 J
SW8270	ACENAPHTHENE	ug/kg	556 J	28.4 J	11 U	48 UJ	65 J	41.2 J	232 J	296 J
SW8270	ACENAPHTHYLENE	ug/kg	287 J	171 J	11 U	48 UJ	46 J	72.2 J	206 J	382 J
SW8270	ANTHRACENE	ug/kg	1200 J	431 J	11 U	56 J	84 J	111 J	327 J	653 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	1070 J	717 J	14.4	83 J	540 J	246 J	541 J	930 J
SW8270	BENZO(A)PYRENE	ug/kg	747 J	574 J	11 U	280 J	520 J	252 J	409 J	809 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	727 J	467 J	15.7	430 J	870 J	300 J	505 J	769 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	111 J	155 J	11 U	72 J	290 J	91.3 J	115 J	155 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	552 J	407 J	5.21 J	50 J	230 J	263 J	390 J	651 J
SW8270	CHRYSENE	ug/kg	1150 J	772 J	11 U	320 J	730 J	309 J	759 J	1130 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	57.7 J	64.2 J	11 U	61 J	85 J	35.5 J	44 J	59.6 J
SW8270	FLUORANTHENE	ug/kg	2260 J	1150 J	19.9	510 J	880 J	457 J	1190 J	1650 J
SW8270	FLUORENE	ug/kg	2590 J	276 J	11 U	48 UJ	70 J	184 J	2700 J	1650 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	193 J	232 J	11 U	68 J	290 J	141 J	168 J	267 J
SW8270	PHENANTHRENE	ug/kg	3390 J	320 J	11 U	77 J	610 J	235 J	1170 J	1650 J
SW8270	PHENOL	ug/kg	76 UJ	71.4 J	54 U			84 UJ	120 J	78 UJ
SW8270	PYRENE	ug/kg	2560 J	1700 J	20.3	500 J	880 J	652 J	1630 J	2240 J
SW9045	pH	S.U.	8.21 J	7.93 J	7.55	7.75 J	7.87 J	7.84 J	7.93 J	8.22 J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-20172	OL-VC-20172	OL-VC-20172	OL-VC-20173	OL-VC-20173	OL-VC-20173	OL-VC-20173	OL-VC-20173
		Sample Depth	3.0-4.0 Ft	4.0-5.0 Ft	5.0-6.0 Ft	0.0-1.0 Ft	1.0-2.0 Ft	2.0-3.0 Ft	3.0-4.0 Ft	4.0-5.1 Ft
		Field Sample ID	OL-0829-10	OL-0829-11	OL-0829-12	OL-0829-13	OL-0829-14	OL-0829-15	OL-0829-16	OL-0829-17
		Sample Date	7/8/2009	7/8/2009	7/8/2009	7/8/2009	7/8/2009	7/8/2009	7/8/2009	7/8/2009
		Sample Delivery Group	JA22719	JA22719	JA22719	JA22719	JA22719	JA22719	JA22719	JA22719
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	24100 J	23700 J	18900	13700	16800	11300	10900	11800
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	42.2	47.2	53.8	52	54.3	54.8	53.2	51.7
SW7471	MERCURY	mg/kg	1.3 J	0.024 UJ	0.023 U	0.83	0.021 U	0.022 U	0.024 U	0.025 U
SW8082	AROCOLOR-1016	ug/kg	7.8 UJ	6.9 UJ	6.1 U	6.4 U	6.1 U	6.1 U	6.1 U	6.4 U
SW8082	AROCOLOR-1221	ug/kg	7.8 UJ	6.9 UJ	6.1 U	6.4 U	6.1 U	6.1 U	6.1 U	6.4 U
SW8082	AROCOLOR-1232	ug/kg	7.8 UJ	6.9 UJ	6.1 U	6.4 U	6.1 U	6.1 U	6.1 U	6.4 U
SW8082	AROCOLOR-1242	ug/kg	7.8 UJ	6.9 UJ	6.1 U	6.4 U	6.1 U	6.1 U	6.1 U	6.4 U
SW8082	AROCOLOR-1248	ug/kg	7.8 UJ	6.9 UJ	6.1 U	42.3 J	6.1 U	6.1 U	6.1 U	6.4 U
SW8082	AROCOLOR-1254	ug/kg	7.8 UJ	6.9 UJ	6.1 U	36.1	6.1 U	6.1 U	6.1 U	6.4 U
SW8082	AROCOLOR-1260	ug/kg	7.8 UJ	6.9 UJ	6.1 U	11.8 J	6.1 U	6.1 U	6.1 U	6.4 U
SW8082	AROCOLOR-1268	ug/kg	7.8 UJ	6.9 UJ	6.1 U	6.4 U	6.1 U	6.1 U	6.1 U	6.4 U
SW8082	PCBS, N.O.S.	ug/kg	7.8 UJ	6.9 UJ	6.1 U	90.2 J	6.1 U	6.1 U	6.1 U	6.4 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	30 UJ	11 UJ	8.8 U	9.6 U	9 U	8.8 U	9.2 U	10 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	30 UJ	11 UJ	8.8 U	9.6 U	9 U	8.8 U	9.2 U	10 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	30 UJ	11 UJ	8.8 U	3.4 J	9 U	8.8 U	9.2 U	10 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	30 UJ	11 UJ	8.8 U	9.6 U	9 U	8.8 U	9.2 U	10 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	30 UJ	11 UJ	8.8 U	0.59 J	9 U	8.8 U	9.2 U	10 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	30 UJ	11 UJ	8.8 U	5 J	9 U	8.8 U	9.2 U	10 U
SW8260	BENZENE	ug/kg	202 J	52.3 J	9.1	2.2	1.8 U	20.9	27.7	9.5
SW8260	CHLOROBENZENE	ug/kg	3.6 J	11 UJ	8.8 U	5 J	9 U	8.8 U	9.2 U	10 U
SW8260	ETHYLBENZENE	ug/kg	215 J	3.6 J	1.8 U	16.5	1.8 U	1.8 U	1.8 U	2.1 U
SW8260	NAPHTHALENE	ug/kg	12900 J	48.6 J	3.2 J	5.3 J	1.6 J	1.4 J	9.2 U	10 U
SW8260	O-XYLENE	ug/kg	1090 J	54.9 J	3	1.9 U	1.8 U	1.8 U	1.8 U	2.1 U
SW8260	TOLUENE	ug/kg	11.6 J	1.8 J	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	2.1 U
SW8260	XYLENES, M & P	ug/kg	323 J	4.9 J	3.5 U	1.7 J	3.6 U	3.5 U	3.7 U	4.1 U
SW8260	XYLENES, TOTAL	ug/kg	1410 J	59.8 J	3 J	1.7 J	3.6 U	3.5 U	3.7 U	4.1 U
SW8270	ACENAPHTHENE	ug/kg	168 J	12 UJ	11 U	195	11 U	10 U	11 U	11 U
SW8270	ACENAPHTHYLENE	ug/kg	243 J	12 UJ	11 U	124	11 U	10 U	11 U	11 U
SW8270	ANTHRACENE	ug/kg	790 J	12 UJ	11 U	500	17.8	10 U	11 U	11 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	1460 J	22.8 J	11 U	469	20	10 U	11 U	50.4
SW8270	BENZO(A)PYRENE	ug/kg	1080 J	18.5 J	11 U	273	11 U	10 U	11 U	40.5
SW8270	BENZO(B)FLUORANTHENE	ug/kg	950 J	27.1 J	11 U	288	19.5	10 U	11 U	29.9
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	306 J	12.5 J	11 U	66.2	11 U	10 U	11 U	22.2
SW8270	BENZO(K)FLUORANTHENE	ug/kg	764 J	9.73 J	11 U	235	4.45 J	10 U	11 U	9.26 J
SW8270	CHRYSENE	ug/kg	1320 J	15.3 J	11 U	413	14.2	10 U	11 U	54.1
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	127 J	12 UJ	11 U	33.3	11 U	10 U	11 U	33.3
SW8270	FLUORANTHENE	ug/kg	2230 J	27.9 J	11 U	1070	45.6	10 U	11 U	11 U
SW8270	FLUORENE	ug/kg	328 J	13.9 J	11.9	2120	149	10 U	11 U	11 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	504 J	15.4 J	11 U	119	11 U	10 U	11 U	15.1
SW8270	PHENANTHRENE	ug/kg	1400 J	15.2 J	11 U	1060	36.5	10 U	11 U	11 U
SW8270	PHENOL	ug/kg	68 UJ	62.3 J	53 U	55 U	88.9	52 U	53 U	55 U
SW8270	PYRENE	ug/kg	2540 J	33.6 J	11 U	1010	37.4	10 U	11 U	11 U
SW9045	pH	S.U.	8.24 J	7.67 J	7.6	7.04	7.3	7.33	7.35	7.34

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-20174	OL-VC-20174	OL-VC-20174	OL-VC-20174	OL-VC-20174	OL-VC-20174	OL-VC-20174	OL-VC-20175	OL-VC-20175
		Sample Depth	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	0.0-1.0 Ft	1.0-2.0 Ft	
		Field Sample ID	OL-0845-20	OL-0846-01	OL-0846-02	OL-0846-03	OL-0846-04	OL-0846-05	OL-0829-18	OL-0829-19	
		Sample Date	7/27/2009	7/27/2009	7/27/2009	7/27/2009	7/27/2009	7/27/2009	7/8/2009	7/8/2009	
		Sample Delivery Group	JA24077	JA24076	JA24076	JA24076	JA24076	JA24076	JA22719	JA22719	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	15600 J	55800 J	42800 J	35100	24700 J	35100 J	7860	7880	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	46.7	35.8	48.5	53.6	42	49.4	56.8	55.2	
SW7471	MERCURY	mg/kg	0.89 J	5.4 J	1.3 J	0.59	1.4 J	1.5 J	0.02 U	0.023 U	
SW8082	AROCOLOR-1016	ug/kg	7.1 UJ	9.2 UJ	6.9 UJ	6.2 U	7.8 UJ	6.7 UJ	5.8 U	6 U	
SW8082	AROCOLOR-1221	ug/kg	7.1 UJ	9.2 UJ	6.9 UJ	6.2 U	7.8 UJ	6.7 UJ	5.8 U	6 U	
SW8082	AROCOLOR-1232	ug/kg	7.1 UJ	9.2 UJ	6.9 UJ	6.2 U	7.8 UJ	6.7 UJ	5.8 U	6 U	
SW8082	AROCOLOR-1242	ug/kg	7.1 UJ	9.2 UJ	6.9 UJ	6.2 U	7.8 UJ	6.7 UJ	5.8 U	6 U	
SW8082	AROCOLOR-1248	ug/kg	187 J	313 J	6.9 UJ	6.2 U	7.8 UJ	6.7 UJ	5.8 U	6 U	
SW8082	AROCOLOR-1254	ug/kg	117 J	278 J	6.9 UJ	6.2 U	7.8 UJ	6.7 UJ	5.8 U	6 U	
SW8082	AROCOLOR-1260	ug/kg	45 J	54.3 J	6.9 UJ	6.2 U	7.8 UJ	6.7 UJ	5.8 U	6 U	
SW8082	AROCOLOR-1268	ug/kg	7.1 UJ	9.2 UJ	6.9 UJ	6.2 U	7.8 UJ	6.7 UJ	5.8 U	6 U	
SW8082	PCBS, N.O.S.	ug/kg	349 J	645 J	6.9 UJ	6.2 U	7.8 UJ	6.7 UJ	5.8 U	6 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	11 UJ	1100 UJ	651 J	14.8 J	60 UJ	9.9 UJ	8.2 U	8.2 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	11 UJ	1100 UJ	4080 J	39 U	60 UJ	9.9 UJ	8.2 U	8.2 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	2.8 J	1690 J	29600 J	202	314 J	4 J	8.2 U	8.2 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	11 UJ	80.4 J	780 UJ	39 U	60 UJ	9.9 UJ	8.2 U	8.2 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	3.2 J	175 J	723 J	53.5	9.1 J	9.9 UJ	8.2 U	8.2 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	31.9 J	3060 J	27200 J	457	307 J	2 J	8.2 U	8.2 U	
SW8260	BENZENE	ug/kg	2.2 UJ	353 J	272 J	54.9	33.8 J	4.9 J	1.6 U	1.6 U	
SW8260	CHLOROBENZENE	ug/kg	29.5 J	4960 J	4100 J	147	48.5 J	0.79 J	0.8 J	0.67 J	
SW8260	ETHYLBENZENE	ug/kg	2.2 UJ	3190 J	7090 J	85.8	149 J	8.4 J	1.6 U	1.6 U	
SW8260	NAPHTHALENE	ug/kg	14 J	36800 J	66800 J	378	167 J	18.7 J	8.2 U	8.2 U	
SW8260	O-XYLENE	ug/kg	2.2 UJ	489 J	3800 J	28.5	18.2 J	2.6 J	1.6 U	1.6 U	
SW8260	TOLUENE	ug/kg	2.2 UJ	138 J	291 J	5.6 J	11.1 J	1.9 J	1.6 U	1.6 U	
SW8260	XYLENES, M & P	ug/kg	1.1 J	306 J	3910 J	55.4	51.4 J	4.9 J	3.3 U	3.3 U	
SW8260	XYLENES, TOTAL	ug/kg	1.1 J	794 J	7710 J	83.9	69.6 J	7.5 J	3.3 U	3.3 U	
SW8270	ACENAPHTHENE	ug/kg	12 UJ	80 UJ	59 UJ	11 U	68 UJ	159 J	10 U	10 U	
SW8270	ACENAPHTHYLENE	ug/kg	17.4 J	177 J	620 J	421	293 J	356 J	10 U	10 U	
SW8270	ANTHRACENE	ug/kg	21.1 J	80 UJ	1460 J	739	1400 J	1670 J	10 U	10 U	
SW8270	BENZO(A)ANTHRACENE	ug/kg	31.1 J	259 J	941 J	988	921 J	2090 J	10 U	10 U	
SW8270	BENZO(A)PYRENE	ug/kg	34 J	165 J	580 J	513	512 J	1130 J	10 U	10 U	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	61.1 J	307 J	908 J	847	832 J	1540 J	10 U	10 U	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	31.9 J	127 J	212 J	243	270 J	372 J	10 U	10 U	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	24.6 J	90.2 J	464 J	309	289 J	619 J	10 U	10 U	
SW8270	CHRYSENE	ug/kg	33.6 J	362 J	1830 J	1020	944 J	1800 J	10 U	10 U	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	7.61 J	80 UJ	81.4 J	125	107 J	167 J	10 U	10 U	
SW8270	FLUORANTHENE	ug/kg	85.4 J	509 J	3190 J	2660	3190 J	4650 J	10 U	10 U	
SW8270	FLUORENE	ug/kg	203 J	3770 J	36900 J	9550	6700 J	2470 J	10 U	10 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	23.7 J	101 J	211 J	243	231 J	446 J	10 U	10 U	
SW8270	PHENANTHRENE	ug/kg	53.7 J	593 J	4920 J	861	376 J	2290 J	10 U	10 U	
SW8270	PHENOL	ug/kg							63.3	103	
SW8270	PYRENE	ug/kg	91.3 J	537 J	1640 J	1610	2090 J	3160 J	10 U	10 U	
SW9045	pH	S.U.	7.94 J	8.36 J	8.44 J	7.89	7.99 J	8.28 J	7.54	7.62	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-20175	OL-VC-20175	OL-VC-20175	OL-VC-20175	OL-VC-20175	OL-VC-20175	OL-VC-20176	OL-VC-20176	OL-VC-20176
		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	0.0-1.0 Ft	1.0-2.0 Ft	2.0-3.0 Ft	
		Field Sample ID	OL-0829-20	OL-0830-01	OL-0830-02	OL-0830-03	OL-0830-04	OL-0830-05	OL-0830-06	OL-0830-07	
		Sample Date	7/8/2009	7/8/2009	7/8/2009	7/8/2009	7/8/2009	7/8/2009	7/8/2009	7/8/2009	
		Sample Delivery Group	JA22719	JA22720	JA22720	JA22720	JA22720	JA22720	JA22720	JA22720	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Field duplicate	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	8240	8010	33000	32000	23100 J	7200	16400	48500	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	56.8	61	57.7	57.2	56.9	57.7	55.6	57.7	
SW7471	MERCURY	mg/kg	0.022 U	0.02 U	0.021 U	0.022 U	0.021 U	0.021 U	0.022 U	0.022 U	
SW8082	AROCOLOR-1016	ug/kg	5.8 U	5.4 U	5.7 U	5.8 U	5.8 U	5.8 U	5.9 U	5.7 U	
SW8082	AROCOLOR-1221	ug/kg	5.8 U	5.4 U	5.7 U	5.8 U	5.8 U	5.8 U	5.9 U	5.7 U	
SW8082	AROCOLOR-1232	ug/kg	5.8 U	5.4 U	5.7 U	5.8 U	5.8 U	5.8 U	5.9 U	5.7 U	
SW8082	AROCOLOR-1242	ug/kg	5.8 U	5.4 U	5.7 U	5.8 U	5.8 U	5.8 U	5.9 U	5.7 U	
SW8082	AROCOLOR-1248	ug/kg	5.8 U	5.4 U	5.7 U	5.8 U	5.8 U	5.8 U	5.9 U	5.7 U	
SW8082	AROCOLOR-1254	ug/kg	5.8 U	5.4 U	5.7 U	5.8 U	5.8 U	5.8 U	5.9 U	5.7 U	
SW8082	AROCOLOR-1260	ug/kg	5.8 U	5.4 U	5.7 U	5.8 U	5.8 U	5.8 U	5.9 U	5.7 U	
SW8082	AROCOLOR-1268	ug/kg	5.8 U	5.4 U	5.7 U	5.8 U	5.8 U	5.8 U	5.9 U	5.7 U	
SW8082	PCBS, N.O.S.	ug/kg	5.8 U	5.4 U	5.7 U	5.8 U	5.8 U	5.8 U	5.9 U	5.7 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.5 U	8 U	8.7 U	9.5 U	8.1 U	9.4 U	9.8 U	8.5 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.5 U	8 U	8.7 U	9.5 U	8.1 U	9.4 U	9.8 U	8.5 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.5 U	8 U	8.7 U	9.5 U	8.1 U	9.4 U	9.8 U	8.5 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.5 U	8 U	8.7 U	9.5 U	8.1 U	9.4 U	9.8 U	8.5 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.5 U	8 U	8.7 U	9.5 U	8.1 U	9.4 U	9.8 U	8.5 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.5 U	8 U	8.7 U	9.5 U	8.1 U	9.4 U	9.8 U	8.5 U	
SW8260	BENZENE	ug/kg	1.7 U	1.6 U	1.7 U	1.9 U	1.6 U	1.9 U	2 U	1.7 U	
SW8260	CHLOROBENZENE	ug/kg	0.72 J	8 U	8.7 U	9.5 U	8.1 U	9.4 U	9.8 U	8.5 U	
SW8260	ETHYLBENZENE	ug/kg	1.7 U	1.6 U	1.7 U	1.9 U	1.6 U	1.9 U	2 U	1.7 U	
SW8260	NAPHTHALENE	ug/kg	8.5 U	8 U	8.7 U	9.5 U	8.1 U	9.4 U	9.8 U	8.5 U	
SW8260	O-XYLENE	ug/kg	1.7 U	1.6 U	1.7 U	1.9 U	1.6 U	1.9 U	2 U	1.7 U	
SW8260	TOLUENE	ug/kg	1.7 U	1.6 U	1.7 U	1.9 U	1.6 U	1.9 U	2 U	1.7 U	
SW8260	XYLENES, M & P	ug/kg	3.4 U	3.2 U	3.5 U	3.8 U	3.3 U	3.8 U	3.9 U	3.4 U	
SW8260	XYLENES, TOTAL	ug/kg	3.4 U	3.2 U	3.5 U	3.8 U	3.3 U	3.8 U	3.9 U	3.4 U	
SW8270	ACENAPHTHENE	ug/kg	9.9 U	9.2 U	9.7 U	9.8 U	10 U	9.8 U	10 U	9.9 U	
SW8270	ACENAPHTHYLENE	ug/kg	9.9 U	9.2 U	9.7 U	9.8 U	10 U	9.8 U	10 U	9.9 U	
SW8270	ANTHRACENE	ug/kg	9.9 U	9.2 U	9.7 U	9.8 U	10 U	9.8 U	10 U	9.9 U	
SW8270	BENZO(A)ANTHRACENE	ug/kg	9.9 U	9.2 U	9.7 U	9.8 U	10 U	9.8 U	10 U	9.9 U	
SW8270	BENZO(A)PYRENE	ug/kg	9.9 U	9.2 U	9.7 U	9.8 U	10 U	9.8 U	10 U	9.9 U	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	9.9 U	9.2 U	9.7 U	9.8 U	10 U	9.8 U	10 U	9.9 U	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	9.9 U	9.2 U	9.7 U	9.8 U	10 U	9.8 U	10 U	9.9 U	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	9.9 U	9.2 U	9.7 U	9.8 U	10 U	9.8 U	10 U	9.9 U	
SW8270	CHRYSENE	ug/kg	9.9 U	9.2 U	9.7 U	9.8 U	10 U	9.8 U	10 U	9.9 U	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	9.9 U	9.2 U	9.7 U	9.8 U	10 U	9.8 U	10 U	9.9 U	
SW8270	FLUORANTHENE	ug/kg	9.9 U	9.2 U	9.7 U	9.8 U	10 U	9.8 U	10 U	9.9 U	
SW8270	FLUORENE	ug/kg	9.9 U	9.2 U	9.7 U	9.8 U	10 U	9.8 U	10 U	9.9 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	9.9 U	9.2 U	9.7 U	9.8 U	10 U	9.8 U	10 U	9.9 U	
SW8270	PHENANTHRENE	ug/kg	9.9 U	9.2 U	9.7 U	9.8 U	10 U	9.8 U	10 U	9.9 U	
SW8270	PHENOL	ug/kg	89.7	46 U	48 U	55.7 J	50 U	49 U	51 U	50 U	
SW8270	PYRENE	ug/kg	9.9 U	9.2 U	9.7 U	9.8 U	10 U	9.8 U	10 U	9.9 U	
SW9045	pH	S.U.	7.5	7.66	7.39	7.35	7.32	7.79	7.57	7.58	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-20176	OL-VC-20176	OL-VC-20176	OL-VC-20176	OL-VC-20177	OL-VC-20177	OL-VC-20177
		Sample Depth	3.0-4.0 Ft	4.0-5.0 Ft	4.0-5.0 Ft	5.0-6.0 Ft	0.0-1.0 Ft	1.0-2.0 Ft	2.0-3.0 Ft
		Field Sample ID	OL-0830-08	OL-0830-09	OL-0830-10	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	7/8/2009	7/8/2009	7/8/2009
		Sample Delivery Group	JA22720	JA22720	JA22720	JA22720	JA22720	JA22720	JA22720
		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
Analytical Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	62500	29200	28400	55800	14200	9570	72300
SM2540G	PERCENT MOISTURE	%							
SM2540G	SOLIDS, PERCENT	%	56.3	54.8	57.2	61.1	55.7	53	60.6
SW7471	MERCURY	mg/kg	0.021 U	0.024 U	0.02 U	0.02 U	0.02 J	0.024 U	0.021 U
SW8082	AROCOLOR-1016	ug/kg	5.9 U	5.9 U	5.8 U	5.4 U	6 U	6.3 U	5.4 U
SW8082	AROCOLOR-1221	ug/kg	5.9 U	5.9 U	5.8 U	5.4 U	6 U	6.3 U	5.4 U
SW8082	AROCOLOR-1232	ug/kg	5.9 U	5.9 U	5.8 U	5.4 U	6 U	6.3 U	5.4 U
SW8082	AROCOLOR-1242	ug/kg	5.9 U	5.9 U	5.8 U	5.4 U	6 U	6.3 U	5.4 U
SW8082	AROCOLOR-1248	ug/kg	5.9 U	5.9 U	5.8 U	5.4 U	6 U	6.3 U	5.4 U
SW8082	AROCOLOR-1254	ug/kg	5.9 U	5.9 U	5.8 U	5.4 U	6 U	6.3 U	5.4 U
SW8082	AROCOLOR-1260	ug/kg	5.9 U	5.9 U	5.8 U	5.4 U	6 U	6.3 U	5.4 U
SW8082	AROCOLOR-1268	ug/kg	5.9 U	5.9 U	5.8 U	5.4 U	6 U	6.3 U	5.4 U
SW8082	PCBS, N.O.S.	ug/kg	5.9 U	5.9 U	5.8 U	5.4 U	6 U	6.3 U	5.4 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9.3 U	9.3 U	8.2 U	8.4 U	8.5 U	8.7 U	7.6 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9.3 U	9.3 U	8.2 U	8.4 U	8.5 U	8.7 U	7.6 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	9.3 U	9.3 U	8.2 U	8.4 U	8.5 U	8.7 U	7.6 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9.3 U	9.3 U	8.2 U	8.4 U	8.5 U	8.7 U	7.6 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	9.3 U	9.3 U	8.2 U	8.4 U	8.5 U	8.7 U	7.6 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	9.3 U	9.3 U	8.2 U	8.4 U	0.75 J	8.7 U	7.6 U
SW8260	BENZENE	ug/kg	2.8	26.9	18	39.3	1.7 U	0.65 J	165
SW8260	CHLOROBENZENE	ug/kg	9.3 U	9.3 U	8.2 U	8.4 U	8.5 U	8.7 U	7.6 U
SW8260	ETHYLBENZENE	ug/kg	1.9 U	1.9 U	1.6 U	1.7 U	1.7 U	1.7 U	1.5 U
SW8260	NAPHTHALENE	ug/kg	9.3 U	9.3 U	8.2 U	8.4 U	8.5 U	8.7 U	7.6 U
SW8260	O-XYLENE	ug/kg	1.9 U	1.9 U	1.6 U	1.7 U	1.7 U	1.7 U	1.5 U
SW8260	TOLUENE	ug/kg	1.9 U	1.9 U	1.6 U	1.7 U	1.7 U	1.7 U	1.5 U
SW8260	XYLENES, M & P	ug/kg	3.7 U	3.7 U	3.3 U	3.3 U	3.4 U	3.5 U	3.1 U
SW8260	XYLENES, TOTAL	ug/kg	3.7 U	3.7 U	3.3 U	3.3 U	3.4 U	3.5 U	3.1 U
SW8270	ACENAPHTHENE	ug/kg	10 UJ	10 UJ	9.8 UJ	9.3 UJ	10 U	11 UJ	9.4 UJ
SW8270	ACENAPHTHYLENE	ug/kg	10 UJ	10 UJ	9.8 UJ	9.3 UJ	10 U	11 UJ	9.4 UJ
SW8270	ANTHRACENE	ug/kg	10 U	10 U	9.8 U	9.3 U	10 U	11 U	9.4 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	10 U	10 U	9.8 U	9.3 U	27.2 J	11 U	9.4 U
SW8270	BENZO(A)PYRENE	ug/kg	10 U	10 U	9.8 U	9.3 U	19.4	11 U	9.4 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	10 U	10 U	9.8 U	9.3 U	26.4	11 U	9.4 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	10 UJ	10 UJ	9.8 UJ	9.3 UJ	29.1 J	11 UJ	9.4 UJ
SW8270	BENZO(K)FLUORANTHENE	ug/kg	10 U	10 U	9.8 U	9.3 U	11.3	11 U	9.4 U
SW8270	CHRYSENE	ug/kg	10 U	10 U	9.8 U	9.3 U	16.5	11 U	9.4 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	10 U	10 U	9.8 U	9.3 U	13.7 J	11 U	9.4 U
SW8270	FLUORANTHENE	ug/kg	10 U	10 U	9.8 U	9.3 U	26.6	11 U	9.4 U
SW8270	FLUORENE	ug/kg	10 U	10 U	9.8 U	9.3 U	10 U	11 U	9.4 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	10 UJ	10 UJ	9.8 UJ	9.3 UJ	26.6 J	11 UJ	9.4 UJ
SW8270	PHENANTHRENE	ug/kg	10 U	10 U	9.8 U	9.3 U	10 U	11 U	9.4 U
SW8270	PHENOL	ug/kg	73.8 J	68 J	56.4 J	47 U	55.3 J	53 U	47 U
SW8270	PYRENE	ug/kg	10 U	10 U	9.8 U	9.3 U	26.4	11 U	9.4 U
SW9045	pH	S.U.	7.44	7.35	7.29	7.41	7.39	7.52	7.51

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-20177	OL-VC-20177	OL-VC-20177	OL-VC-20178	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	4-5 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	OL-0846-10
		Sample Date	7/8/2009	7/8/2009	7/8/2009	7/27/2009	7/27/2009	7/27/2009	7/27/2009	7/27/2009
		Sample Delivery Group	JA22720	JA22720	JA22720	JA24076	JA24076	JA24076	JA24076	JA24076
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical 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 J	35200 J
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	56.6	57.5	58.3	48.3	43.8	47.7	44.5	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 J	2 J
SW8082	AROCOR-1016	ug/kg	5.8 U	5.8 U	5.6 U	6.8 UJ	7.6 UJ	7 UJ	7.4 UJ	7.4 UJ
SW8082	AROCOR-1221	ug/kg	5.8 U	5.8 U	5.6 U	6.8 UJ	7.6 UJ	7 UJ	7.4 UJ	7.4 UJ
SW8082	AROCOR-1232	ug/kg	5.8 U	5.8 U	5.6 U	6.8 UJ	7.6 UJ	7 UJ	7.4 UJ	7.4 UJ
SW8082	AROCOR-1242	ug/kg	5.8 U	5.8 U	5.6 U	6.8 UJ	7.6 UJ	7 UJ	7.4 UJ	7.4 UJ
SW8082	AROCOR-1248	ug/kg	5.8 U	5.8 U	5.6 U	284 J	7.6 UJ	7 UJ	7.4 UJ	7.4 UJ
SW8082	AROCOR-1254	ug/kg	5.8 U	5.8 U	5.6 U	169 J	7.6 UJ	7 UJ	7.4 UJ	7.4 UJ
SW8082	AROCOR-1260	ug/kg	5.8 U	5.8 U	5.6 U	72.5 J	7.6 UJ	7 UJ	7.4 UJ	7.4 UJ
SW8082	AROCOR-1268	ug/kg	5.8 U	5.8 U	5.6 U	6.8 UJ	7.6 UJ	7 UJ	7.4 UJ	7.4 UJ
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 UJ	7.4 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.5 U	21 U	27 U	107 J	839 J	595 J	870 UJ	870 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.5 U	21 U	27 U	10.5 J	3170 J	2230 J	996 J	342 J
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.5 U	21 U	27 U	1740 J	40400 J	22700 J	7860 J	2600 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.5 U	21 U	27 U	17 J	890 UJ	800 UJ	870 UJ	870 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.5 U	21 U	27 U	92.1 J	540 J	333 J	162 J	59.5 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.5 U	21 U	27 U	1890 J	37500 J	23500 J	7940 J	3110 J
SW8260	BENZENE	ug/kg	1100	1700	1700	587 J	2810 J	1540 J	893 J	325 J
SW8260	CHLOROBENZENE	ug/kg	0.74 J	21 U	27 U	1490 J	9660 J	4760 J	1860 J	390 J
SW8260	ETHYLBENZENE	ug/kg	1.7 U	1.7 J	5.4 U	1310 J	12000 J	7470 J	4490 J	2370 J
SW8260	NAPHTHALENE	ug/kg	8.5 U	21 U	5.8 J	72000 J	466000 J	391000 J	295000 J	280000 J
SW8260	O-XYLENE	ug/kg	1.7 U	4.1 U	5.4 U	5480 J	57900 J	34800 J	17100 J	6810 J
SW8260	TOLUENE	ug/kg	1.7 U	4.1 U	5.4 U	2950 J	33800 J	17800 J	6860 J	282 J
SW8260	XYLENES, M & P	ug/kg	3.4 U	8.3 U	11 U	16000 J	177000 J	109000 J	50700 J	16300 J
SW8260	XYLENES, TOTAL	ug/kg	3.4 U	8.3 U	11 U	21500 J	235000 J	144000 J	67800 J	23100 J
SW8270	ACENAPHTHENE	ug/kg	10 UJ	9.9 U	9.7 U	59 UJ	13 UJ	60 UJ	864 J	5330 J
SW8270	ACENAPHTHYLENE	ug/kg	10 UJ	9.9 U	9.7 U	97.5 J	1010 J	1450 J	793 J	2440 J
SW8270	ANTHRACENE	ug/kg	10 U	9.9 U	9.7 U	85.3 J	2080 J	2920 J	2620 J	7250 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	10 U	9.9 UJ	9.7 UJ	164 J	1200 J	1970 J	1680 J	4750 J
SW8270	BENZO(A)PYRENE	ug/kg	10 U	9.9 U	9.7 U	126 J	701 J	1040 J	849 J	2320 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	10 U	9.9 U	9.7 U	148 J	1210 J	1640 J	1480 J	3590 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	10 UJ	9.9 UJ	9.7 UJ	85.9 J	217 J	352 J	314 J	971 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	10 U	9.9 U	9.7 U	73.7 J	596 J	714 J	538 J	932 J
SW8270	CHRYSENE	ug/kg	10 U	9.9 U	9.7 U	226 J	2770 J	2400 J	2410 J	4520 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	10 U	9.9 UJ	9.7 UJ	59 UJ	93.4 J	182 J	162 J	462 J
SW8270	FLUORANTHENE	ug/kg	10 U	9.9 U	9.7 U	313 J	5550 J	5980 J	5460 J	14600 J
SW8270	FLUORENE	ug/kg	10 U	9.9 U	9.7 U	2670 J	53000 J	31800 J	21300 J	26900 J
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 J	1040 J
SW8270	PHENANTHRENE	ug/kg	10 U	9.9 U	9.7 U	338 J	11000 J	10600 J	10100 J	26300 J
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 J	9870 J
SW9045	pH	S.U.	7.53	7.35	7.32	8.16 J	9.33 J	9.1 J	8.03 J	8.46 J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-20178	OL-VC-20178	OL-VC-20179	OL-VC-20179	OL-VC-20179	OL-VC-20179	OL-VC-20179	OL-VC-20179	OL-VC-20179
		Sample Depth	4-5 Ft	5-6 Ft	0-1 Ft	1-2 Ft	1-2 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft
		Field Sample ID	OL-0846-11	OL-0846-12	OL-0845-01	OL-0845-02	OL-0845-03	OL-0845-04	OL-0845-05	OL-0845-06	
		Sample Date	7/27/2009	7/27/2009	7/27/2009	7/27/2009	7/27/2009	7/27/2009	7/27/2009	7/27/2009	7/27/2009
		Sample Delivery Group	JA24076	JA24076	JA24077	JA24077	JA24077	JA24077	JA24077	JA24077	JA24077
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Field duplicate	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	52000 J	40700 J	92500	74000 J	79500 J	70800 J	53800 J	52700 J	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	39.6	44	50.5	41.9	39.9	39.9	45.6	42.3	
SW7471	MERCURY	mg/kg	2.5 J	1.6 J	7.7	10.2 J	6.9 J	13.2 J	1.7 J	2.6 J	
SW8082	AROCOLOR-1016	ug/kg	8.4 UJ	7.4 UJ	6.5 U	7.7 UJ	8.4 UJ	8.2 UJ	7.3 UJ	7.7 UJ	
SW8082	AROCOLOR-1221	ug/kg	8.4 UJ	7.4 UJ	6.5 U	7.7 UJ	8.4 UJ	8.2 UJ	7.3 UJ	7.7 UJ	
SW8082	AROCOLOR-1232	ug/kg	8.4 UJ	7.4 UJ	6.5 U	7.7 UJ	8.4 UJ	8.2 UJ	7.3 UJ	7.7 UJ	
SW8082	AROCOLOR-1242	ug/kg	8.4 UJ	7.4 UJ	6.5 U	7.7 UJ	8.4 UJ	8.2 UJ	7.3 UJ	7.7 UJ	
SW8082	AROCOLOR-1248	ug/kg	8.4 UJ	7.4 UJ	717	745 J	755 J	8.2 UJ	7.3 UJ	7.7 UJ	
SW8082	AROCOLOR-1254	ug/kg	8.4 UJ	7.4 UJ	355	539 J	586 J	171 J	7.3 UJ	7.7 UJ	
SW8082	AROCOLOR-1260	ug/kg	8.4 UJ	7.4 UJ	160	148 J	141 J	95.9 J	7.3 UJ	7.7 UJ	
SW8082	AROCOLOR-1268	ug/kg	8.4 UJ	7.4 UJ	6.5 U	7.7 UJ	8.4 UJ	8.2 UJ	7.3 UJ	7.7 UJ	
SW8082	PCBS, N.O.S.	ug/kg	8.4 UJ	7.4 UJ	1230	1430 J	1480 J	267 J	7.3 UJ	7.7 UJ	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	1000 UJ	890 UJ	9.9 U	12 UJ	12 UJ	920 UJ	840 UJ	880 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	361 J	95.5 J	6.2 J	3.6 J	5.1 J	920 UJ	840 UJ	880 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	2990 J	728 J	14.7	12.9 J	69.7 J	115 J	161 J	231 J	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	1000 UJ	890 UJ	9.9 U	12 UJ	12 UJ	920 UJ	840 UJ	880 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	66.4 J	890 UJ	20.2	15.4 J	20.1 J	167 J	840 UJ	880 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	3610 J	690 J	54.9	55.4 J	74.4 J	797 J	220 J	377 J	
SW8260	BENZENE	ug/kg	376 J	302 J	3.9	137 J	108 J	1240 J	415 J	432 J	
SW8260	CHLOROBENZENE	ug/kg	464 J	179 J	119	98.5 J	99.9 J	1280 J	136 J	126 J	
SW8260	ETHYLBENZENE	ug/kg	2790 J	1440 J	2	2.4 J	4.2 J	186 J	456 J	917 J	
SW8260	NAPHTHALENE	ug/kg	299000 J	97300 J	11.8	49.8 J	99.1 J	11200 J	22500 J	33800 J	
SW8260	O-XYLENE	ug/kg	7450 J	4600 J	16.7	12.3 J	14.6 J	441 J	1490 J	2780 J	
SW8260	TOLUENE	ug/kg	313 J	224 J	2.1	1.7 J	2.7 J	172 J	208 J	435 J	
SW8260	XYLENES, M & P	ug/kg	19700 J	4020 J	21.1	18.6 J	22.3 J	497 J	1110 J	7520 J	
SW8260	XYLENES, TOTAL	ug/kg	27100 J	8620 J	37.8	30.9 J	36.9 J	939 J	2610 J	10300 J	
SW8270	ACENAPHTHENE	ug/kg	1500 J	324 J	196 J	182 J	155 J	134 J	291 J	391 J	
SW8270	ACENAPHTHYLENE	ug/kg	839 J	384 J	394	352 J	207 J	193 J	247 J	266 J	
SW8270	ANTHRACENE	ug/kg	3120 J	1070 J	405	460 J	275 J	212 J	793 J	957 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	1970 J	1510 J	1210	1370 J	735 J	473 J	813 J	890 J	
SW8270	BENZO(A)PYRENE	ug/kg	905 J	822 J	1130	1030 J	598 J	404 J	474 J	465 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	1640 J	1380 J	1360 J	1310 J	804 J	579 J	737 J	684 J	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	342 J	283 J	570 J	471 J	341 J	205 J	241 J	217 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	382 J	302 J	348	422 J	248 J	178 J	172 J	195 J	
SW8270	CHRYSENE	ug/kg	2180 J	1520 J	1070	1280 J	675 J	472 J	801 J	897 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	142 J	136 J	247	200 J	133 J	113 J	115 J	110 J	
SW8270	FLUORANTHENE	ug/kg	7900 J	3400 J	1750	2170 J	1240 J	860 J	2080 J	2390 J	
SW8270	FLUORENE	ug/kg	12200 J	5160 J	605 J	1400 J	1050 J	1310 J	3370 J	3700 J	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	388 J	336 J	631 J	560 J	344 J	224 J	245 J	242 J	
SW8270	PHENANTHRENE	ug/kg	13300 J	3430 J	1320	1700 J	1010 J	793 J	2850 J	3830 J	
SW8270	PHENOL	ug/kg									
SW8270	PYRENE	ug/kg	5230 J	2400 J	1350	1620 J	1030 J	754 J	1590 J	2010 J	
SW9045	pH	S.U.	8.36 J	8.36 J	7.05	6.86 J	6.95 J	7.03 J	7.18 J	7.02 J	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-20179	OL-VC-20180	OL-VC-20180	OL-VC-20180	OL-VC-20180	OL-VC-20180	OL-VC-20180	OL-VC-20181
		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	0-1 Ft
		Field Sample ID	OL-0845-07	OL-0843-20	OL-0844-01	OL-0844-02	OL-0844-03	OL-0844-04	OL-0844-05	OL-0845-14
		Sample Date	7/27/2009	7/24/2009	7/24/2009	7/24/2009	7/24/2009	7/24/2009	7/24/2009	7/27/2009
		Sample Delivery Group	JA24077	JA24031	JA24030	JA24030	JA24030	JA24030	JA24030	JA24077
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	65100 J	64300	10800	9880	12400	9060	8890	10200
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	46	59.6	58	57.9	58.1	56.5	58.2	60.8
SW7471	MERCURY	mg/kg	1.7 J	0.65	0.022 U	0.022 U	0.021 U	0.023 U	0.022 U	0.086
SW8082	AROCOLOR-1016	ug/kg	7.2 UJ	5.6 U	5.6 U	5.7 U	5.6 U	5.8 U	5.6 U	5.5 U
SW8082	AROCOLOR-1221	ug/kg	7.2 UJ	5.6 U	5.6 U	5.7 U	5.6 U	5.8 U	5.6 U	5.5 U
SW8082	AROCOLOR-1232	ug/kg	7.2 UJ	5.6 U	5.6 U	5.7 U	5.6 U	5.8 U	5.6 U	5.5 U
SW8082	AROCOLOR-1242	ug/kg	7.2 UJ	5.6 U	5.6 U	5.7 U	5.6 U	5.8 U	5.6 U	5.5 U
SW8082	AROCOLOR-1248	ug/kg	7.2 UJ	5.6 U	5.6 U	5.7 U	5.6 U	5.8 U	5.6 U	5.5 U
SW8082	AROCOLOR-1254	ug/kg	7.2 UJ	5.6 U	5.6 U	5.7 U	5.6 U	5.8 U	5.6 U	5.5 U
SW8082	AROCOLOR-1260	ug/kg	7.2 UJ	5.6 U	5.6 U	5.7 U	5.6 U	5.8 U	5.6 U	5.5 U
SW8082	AROCOLOR-1268	ug/kg	7.2 UJ	5.6 U	5.6 U	5.7 U	5.6 U	5.8 U	5.6 U	5.5 U
SW8082	PCBS, N.O.S.	ug/kg	7.2 UJ	5.6 U	5.6 U	5.7 U	5.6 U	5.8 U	5.6 U	5.5 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	810 UJ	17 U	8.3 U	17 U	17 U	18 U	17 U	7.3 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	117 J	17 U	8.3 UJ	17 UJ	17 UJ	18 UJ	17 UJ	7.3 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	418 J	13.9 J	8.3 U	17 U	17 U	18 U	17 U	7.3 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	810 UJ	17 U	8.3 U	17 U	17 U	18 U	17 U	7.3 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	810 UJ	17 U	8.3 U	17 U	17 U	18 U	17 U	7.3 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	622 J	12.4 J	8.3 U	17 U	17 U	18 U	17 U	0.78 J
SW8260	BENZENE	ug/kg	752 J	49.2	857	1120	1360	1760	1660	1.5 U
SW8260	CHLOROBENZENE	ug/kg	147 J	17.3	1.2 J	17 U	17 U	18 U	17 U	7.3 U
SW8260	ETHYLBENZENE	ug/kg	1960 J	11.8	1 J	3.3 U	3.4 U	3.5 U	3.4 U	1.5 U
SW8260	NAPHTHALENE	ug/kg	166000 J	552	3.7 J	3.6 J	17 U	18 U	17 U	7.3 U
SW8260	O-XYLENE	ug/kg	4410 J	2.9 J	1.7 U	3.3 U	3.4 U	3.5 U	3.4 U	1.5 U
SW8260	TOLUENE	ug/kg	576 J	3.3 J	1.7 U	1.1 J	1.7 J	1.9 J	2.7 J	1.5 U
SW8260	XYLENES, M & P	ug/kg	12400 J	7.1	3.3 U	6.6 U	6.9 U	7.1 U	6.9 U	2.9 U
SW8260	XYLENES, TOTAL	ug/kg	16800 J	10	3.3 U	6.6 U	6.9 U	7.1 U	6.9 U	2.9 U
SW8270	ACENAPHTHENE	ug/kg	951 J	1740	9.9 U	9.8 U	9.8 U	10 U	0.34 U	9.4 U
SW8270	ACENAPHTHYLENE	ug/kg	739 J	1460	9.9 U	9.8 U	9.8 U	10 U	0.34 U	9.4 U
SW8270	ANTHRACENE	ug/kg	2780 J	3740	9.9 U	9.8 U	9.8 U	10 U	0.34 U	8.04 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	2700 J	3270	9.9 U	9.8 U	9.8 U	10 U	0.34 U	13.9
SW8270	BENZO(A)PYRENE	ug/kg	1570 J	1930	9.9 U	9.8 U	9.8 U	10 U	0.34 U	12
SW8270	BENZO(B)FLUORANTHENE	ug/kg	1150 J	2260	9.9 U	9.8 U	9.8 U	10 U	0.34 U	19.3 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	621 J	732	9.9 U	9.8 U	9.8 U	10 U	0.34 U	5.71 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	1600 J	1150	9.9 U	9.8 U	9.8 U	10 U	0.34 U	6.91 J
SW8270	CHRYSENE	ug/kg	2550 J	2860	9.9 U	9.8 U	9.8 U	10 U	0.34 U	9.67
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	250 J	405	9.9 U	9.8 U	9.8 U	10 U	0.34 U	9.4 U
SW8270	FLUORANTHENE	ug/kg	6460 J	7790	9.9 U	9.8 U	9.8 U	10 U	0.34 U	30.5
SW8270	FLUORENE	ug/kg	11500 J	5510	9.9 U	9.8 U	9.8 U	10 U	0.34 U	9.4 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	696 J	799	9.9 U	9.8 U	9.8 U	10 U	0.34 U	5.85 J
SW8270	PHENANTHRENE	ug/kg	10200 J	9610	9.9 U	9.8 U	9.8 U	10 U	0.34 U	31
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg	5180 J	4680	9.9 U	9.8 U	9.8 U	10 U	0.34 U	25
SW9045	pH	S.U.	7.2 J	7.64	7.39	7.17	7.21	7.16	7.11	7.8

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-20181	OL-VC-20181	OL-VC-20181	OL-VC-20181	OL-VC-20181	OL-VC-20181	OL-VC-20182	OL-VC-20182	OL-VC-20182
		Sample Depth	1-2 Ft	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-0845-15	OL-0845-16	OL-0845-17	OL-0845-18	OL-0845-19	OL-0846-13	OL-0846-14	OL-0846-15	
		Sample Date	7/27/2009	7/27/2009	7/27/2009	7/27/2009	7/27/2009	7/27/2009	7/27/2009	7/27/2009	
		Sample Delivery Group	JA24077	JA24077	JA24077	JA24077	JA24077	JA24076	JA24076	JA24076	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	8890	9350	10800	10400	9820	11900	10500	11900	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	59.4	55.9	56.7	55.2	64.1	57.1	59.6	55.8	
SW7471	MERCURY	mg/kg	0.021 U	0.023 U	0.022 U	0.022 U	0.018 U	0.022 U	0.021 U	0.022 U	
SW8082	AROCOLOR-1016	ug/kg	5.5 U	5.8 U	5.7 U	6 U	5.2 U	5.7 U	5.6 U	5.8 U	
SW8082	AROCOLOR-1221	ug/kg	5.5 U	5.8 U	5.7 U	6 U	5.2 U	5.7 U	5.6 U	5.8 U	
SW8082	AROCOLOR-1232	ug/kg	5.5 U	5.8 U	5.7 U	6 U	5.2 U	5.7 U	5.6 U	5.8 U	
SW8082	AROCOLOR-1242	ug/kg	5.5 U	5.8 U	5.7 U	6 U	5.2 U	5.7 U	5.6 U	5.8 U	
SW8082	AROCOLOR-1248	ug/kg	5.5 U	5.8 U	5.7 U	6 U	5.2 U	5.7 U	5.6 U	5.8 U	
SW8082	AROCOLOR-1254	ug/kg	5.5 U	5.8 U	5.7 U	6 U	5.2 U	5.7 U	5.6 U	5.8 U	
SW8082	AROCOLOR-1260	ug/kg	5.5 U	5.8 U	5.7 U	6 U	5.2 U	5.7 U	5.6 U	5.8 U	
SW8082	AROCOLOR-1268	ug/kg	5.5 U	5.8 U	5.7 U	6 U	5.2 U	5.7 U	5.6 U	5.8 U	
SW8082	PCBS, N.O.S.	ug/kg	5.5 U	5.8 U	5.7 U	6 U	5.2 U	5.7 U	5.6 U	5.8 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9.1 U	9.9 U	9 U	8.2 U	7.8 U	8.3 U	7.9 U	9 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9.1 U	9.9 U	9 U	8.2 U	7.8 U	8.3 U	7.9 U	9 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	9.1 U	9.9 U	9 U	8.2 U	7.8 U	8.3 U	1.3 J	2.1 J	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9.1 U	9.9 U	9 U	8.2 U	7.8 U	8.3 U	7.9 U	9 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	9.1 U	9.9 U	9 U	8.2 U	7.8 U	8.3 U	7.9 U	9 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	9.1 U	9.9 U	9 U	8.2 U	7.8 U	6.8 J	26	14.4	
SW8260	BENZENE	ug/kg	1.2 J	39.6	232	531	353	1.7 U	1.8	50.7	
SW8260	CHLOROBENZENE	ug/kg	9.1 U	9.9 U	9 U	8.2 U	7.8 U	8.3 U	147	258	
SW8260	ETHYLBENZENE	ug/kg	1.8 U	2 U	1.8 U	1.6 U	1.6 U	1.7 U	1.1 J	2.4	
SW8260	NAPHTHALENE	ug/kg	9.1 U	9.9 U	9 U	8.2 U	7.8 U	1.5 J	7.9 U	9 U	
SW8260	O-XYLENE	ug/kg	1.8 U	2 U	1.8 U	1.6 U	1.6 U	1.7 U	1.6 U	1.8 U	
SW8260	TOLUENE	ug/kg	1.8 U	2 U	1.8 U	1.6 U	1.6 U	1.7 U	1.6 U	1.8 U	
SW8260	XYLENES, M & P	ug/kg	3.7 U	4 U	3.6 U	3.3 U	3.1 U	3.3 U	3.2 U	3.6 U	
SW8260	XYLENES, TOTAL	ug/kg	3.7 U	4 U	3.6 U	3.3 U	3.1 U	3.3 U	3.2 U	3.6 U	
SW8270	ACENAPHTHENE	ug/kg	9.6 U	10 U	10 U	10 U	8.9 U	18.7	9.6 U	10 U	
SW8270	ACENAPHTHYLENE	ug/kg	9.6 U	10 U	10 U	10 U	8.9 U	5 U	9.6 U	10 U	
SW8270	ANTHRACENE	ug/kg	9.6 U	10 U	10 U	10 U	8.9 U	51.5	9.6 U	10 U	
SW8270	BENZO(A)ANTHRACENE	ug/kg	9.6 UJ	10 UJ	10 UJ	10 UJ	8.9 UJ	84.1	9.6 U	10 U	
SW8270	BENZO(A)PYRENE	ug/kg	9.6 UJ	10 UJ	10 UJ	10 UJ	8.9 UJ	57.2	9.6 U	10 U	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	9.6 UJ	10 UJ	10 UJ	10 UJ	8.9 UJ	100	9.6 U	10 U	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	9.6 UJ	10 UJ	10 UJ	10 UJ	8.9 UJ	41	9.6 U	10 U	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	9.6 UJ	10 UJ	10 UJ	10 UJ	8.9 UJ	37.5	9.6 U	10 U	
SW8270	CHRYSENE	ug/kg	9.6 U	10 U	10 U	10 U	8.9 U	45.3	9.6 U	10 U	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	9.6 UJ	10 UJ	10 UJ	10 UJ	8.9 UJ	11.2	9.6 U	10 U	
SW8270	FLUORANTHENE	ug/kg	9.6 U	10 U	10 U	10 U	8.9 U	141	9.6 U	10 U	
SW8270	FLUORENE	ug/kg	9.6 U	10 U	10 U	10 U	8.9 U	36.2	9.6 U	10 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	9.6 UJ	10 UJ	10 UJ	10 UJ	8.9 UJ	36.8	9.6 U	10 U	
SW8270	PHENANTHRENE	ug/kg	9.6 U	10 U	10 U	10 U	8.9 U	187	9.6 U	10 U	
SW8270	PHENOL	ug/kg									
SW8270	PYRENE	ug/kg	9.6 U	10 U	10 U	10 U	8.9 U	112	9.6 U	10 U	
SW9045	pH	S.U.	7.64	7.54	7.36	7.28	7.54	7.56	7.51	7.4	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-20182	OL-VC-20182	OL-VC-20182	OL-VC-20183	OL-VC-20183	OL-VC-20183	OL-VC-20183	OL-VC-20183
		Sample Depth	3-4 Ft	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-0846-16	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	7/27/2009
		Sample Delivery Group	JA24076	JA24076	JA24076	JA24077	JA24077	JA24077	JA24077	JA24077
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	11800	16300	10100	16800	12600	8280	9170	9160
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	58.5	55.2	57.2	57.8	57.8	58.4	54.4	55.8
SW7471	MERCURY	mg/kg	0.02 U	0.021 U	0.022 U	0.021 U	0.021 U	0.022 U	0.023 U	0.022 U
SW8082	AROCOLOR-1016	ug/kg	5.6 U	6 U	5.7 U	5.8 U	5.7 U	5.7 U	6.1 U	5.8 U
SW8082	AROCOLOR-1221	ug/kg	5.6 U	6 U	5.7 U	5.8 U	5.7 U	5.7 U	6.1 U	5.8 U
SW8082	AROCOLOR-1232	ug/kg	5.6 U	6 U	5.7 U	5.8 U	5.7 U	5.7 U	6.1 U	5.8 U
SW8082	AROCOLOR-1242	ug/kg	5.6 U	6 U	5.7 U	5.8 U	5.7 U	5.7 U	6.1 U	5.8 U
SW8082	AROCOLOR-1248	ug/kg	5.6 U	6 U	5.7 U	5.8 U	5.7 U	5.7 U	6.1 U	5.8 U
SW8082	AROCOLOR-1254	ug/kg	5.6 U	6 U	5.7 U	5.8 U	5.7 U	5.7 U	6.1 U	5.8 U
SW8082	AROCOLOR-1260	ug/kg	5.6 U	6 U	5.7 U	5.8 U	5.7 U	5.7 U	6.1 U	5.8 U
SW8082	AROCOLOR-1268	ug/kg	5.6 U	6 U	5.7 U	5.8 U	5.7 U	5.7 U	6.1 U	5.8 U
SW8082	PCBS, N.O.S.	ug/kg	5.6 U	6 U	5.7 U	5.8 U	5.7 U	5.7 U	6.1 U	5.8 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.2 U	8.9 U	8.4 U	8.2 U	8.2 U	8.6 U	8.7 U	10 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.2 U	8.9 UJ	8.4 UJ	8.2 U	8.2 U	8.6 U	8.7 U	10 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.2 U	8.9 U	8.4 U	1.7 J	2.3 J	1.4 J	0.62 J	10 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.2 U	8.9 U	8.4 UJ	8.2 UJ	8.2 U	8.6 U	8.7 U	10 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.2 U	8.9 U	8.4 U	8.2 U	8.2 U	8.6 U	8.7 U	10 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.2 U	8.9 U	8.4 U	4.9 J	4.2 J	1.7 J	8.7 U	10 U
SW8260	BENZENE	ug/kg	119	151	104 J	0.67 J	63.8	250	627	523
SW8260	CHLOROBENZENE	ug/kg	135	63.8	12.4	6.5 J	18.4	27.8	17.1	2.6 J
SW8260	ETHYLBENZENE	ug/kg	0.81 J	1.8 U	1.7 U	1.6 U	3.7	2.7	1.4 J	2 U
SW8260	NAPHTHALENE	ug/kg	8.2 U	8.9 U	8.4 U	5.9 J	1.7 J	8.6 U	1.6 J	10 U
SW8260	O-XYLENE	ug/kg	1.6 U	1.8 U	1.7 U	1.6 U	1.6 U	1.7 U	1.7 U	2 U
SW8260	TOLUENE	ug/kg	1.6 U	1.8 U	1.7 U	1.6 U	1.6 U	1.7 U	1.7 U	2 U
SW8260	XYLENES, M & P	ug/kg	3.3 U	3.6 U	3.4 U	3.3 U	3.3 U	3.4 U	3.5 U	4 U
SW8260	XYLENES, TOTAL	ug/kg	3.3 U	3.6 U	3.4 U	3.3 U	3.3 U	3.4 U	3.5 U	4 U
SW8270	ACENAPHTHENE	ug/kg	9.7 U	10 U	9.9 U	9.9 U	9.9 U	9.8 U	11 U	10 U
SW8270	ACENAPHTHYLENE	ug/kg	9.7 U	10 U	9.9 U	9.9 U	9.9 U	9.8 U	11 U	10 U
SW8270	ANTHRACENE	ug/kg	9.7 U	10 U	9.9 U	9.9 U	9.9 U	9.8 U	11 U	10 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	9.7 U	10 U	9.9 U	9.9 UJ	9.9 UJ	9.8 UJ	11 UJ	10 UJ
SW8270	BENZO(A)PYRENE	ug/kg	9.7 U	10 U	9.9 U	9.9 U	9.9 U	9.8 UJ	11 U	10 UJ
SW8270	BENZO(B)FLUORANTHENE	ug/kg	9.7 U	10 U	9.9 U	9.9 UJ	9.9 UJ	9.8 UJ	11 UJ	10 UJ
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	9.7 U	10 U	9.9 U	9.9 U	9.9 U	9.8 UJ	11 U	10 UJ
SW8270	BENZO(K)FLUORANTHENE	ug/kg	9.7 U	10 U	9.9 U	9.9 U	9.9 U	9.8 UJ	11 U	10 UJ
SW8270	CHRYSENE	ug/kg	9.7 U	10 U	9.9 U	9.9 U	9.9 U	9.8 U	11 U	10 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	9.7 U	10 U	9.9 U	9.9 U	9.9 U	9.8 UJ	11 U	10 UJ
SW8270	FLUORANTHENE	ug/kg	9.7 U	10 U	9.9 U	9.9 U	9.9 U	9.8 U	11 U	10 U
SW8270	FLUORENE	ug/kg	9.7 U	10 U	9.9 U	9.9 U	9.9 U	9.8 U	11 U	10 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	9.7 U	10 U	9.9 U	9.9 U	9.9 U	9.8 UJ	11 U	10 UJ
SW8270	PHENANTHRENE	ug/kg	9.7 U	10 U	9.9 U	9.9 U	9.9 U	9.8 U	11 U	10 U
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg	9.7 U	10 U	9.9 U	9.9 U	9.9 U	9.8 U	11 U	10 U
SW9045	pH	S.U.	7.38	7.33	7.41	7.55	7.21	7.25	7.13	7.24

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-20183	OL-VC-20184	OL-VC-20184	OL-VC-20184	OL-VC-20184	OL-VC-20184	OL-VC-20184	OL-VC-20185	OL-VC-20185
		Sample Depth	5-6 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5.3 Ft	0.0-1.0 Ft	1.0-2.0 Ft	
		Field Sample ID	OL-0845-13	OL-0853-10	OL-0853-11	OL-0853-12	OL-0853-13	OL-0853-14	OL-0843-10	OL-0843-11	
		Sample Date	7/27/2009	7/30/2009	7/30/2009	7/30/2009	7/30/2009	7/30/2009	7/24/2009	7/24/2009	
		Sample Delivery Group	JA24077	JA24412	JA24412	JA24412	JA24412	JA24412	JA24031	JA24031	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%					50.1	57.5			
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	14400	46300 J	42100 J	94600 J	139000	75100	38700 J	54100 J	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	57.6	40.3	32.6	45.8			37.9	36.2	
SW7471	MERCURY	mg/kg	0.021 U	1.4 J	6.8 J	2.3 J	1.5	1.6	2 J	7.4 J	
SW8082	AROCOLOR-1016	ug/kg	5.7 U	8.2 UJ	10 UJ	7.3 UJ	6.5 U	5.7 U	8.8 UJ	9.1 UJ	
SW8082	AROCOLOR-1221	ug/kg	5.7 U	8.2 UJ	10 UJ	7.3 UJ	6.5 U	5.7 U	8.8 UJ	9.1 UJ	
SW8082	AROCOLOR-1232	ug/kg	5.7 U	8.2 UJ	10 UJ	7.3 UJ	6.5 U	5.7 U	8.8 UJ	9.1 UJ	
SW8082	AROCOLOR-1242	ug/kg	5.7 U	8.2 UJ	10 UJ	7.3 UJ	6.5 U	5.7 U	8.8 UJ	9.1 UJ	
SW8082	AROCOLOR-1248	ug/kg	5.7 U	1110 J	1310 J	823 J	1240	5600	364 J	972 J	
SW8082	AROCOLOR-1254	ug/kg	5.7 U	781 J	1090 J	329 J	688	2490	180 J	444 J	
SW8082	AROCOLOR-1260	ug/kg	5.7 U	238 J	845 J	93.1 J	6.5 U	145	53.5 J	188 J	
SW8082	AROCOLOR-1268	ug/kg	5.7 U	8.2 UJ	10 UJ	7.3 UJ	6.5 U	5.7 U	8.8 UJ	9.1 UJ	
SW8082	PCBS, N.O.S.	ug/kg	5.7 U	2130 J	3250 J	1250 J	1930	8240	598 J	1600 J	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	7.9 U	12 UJ	6.6 J	10 UJ	11 U	8.7 U	12 UJ	14 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	7.9 U	12 UJ	13 J	6.6 J	8.1 J	8.7 U	12 UJ	4.2 J	
SW8260	1,2-DICHLOROBENZENE	ug/kg	7.9 U	12 UJ	4 J	4.5 J	2.7 J	8.7 U	24 J	16.6 J	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	7.9 U	12 UJ	14 UJ	0.67 J	11 U	8.7 U	R	14 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	7.9 U	12 UJ	0.85 J	1.5 J	0.93 J	8.7 U	9.5 J	6.3 J	
SW8260	1,4-DICHLOROBENZENE	ug/kg	7.9 U	15.6 J	2.9 J	3.4 J	2.6 J	8.7 U	25.7 J	17.8 J	
SW8260	BENZENE	ug/kg	492	14 J	5.8 J	6.5 J	3.8	4.7	11.1 J	9.7 J	
SW8260	CHLOROBENZENE	ug/kg	0.68 J	27 J	2.7 J	2.7 J	2.1 J	8.7 U	37.7 J	24.4 J	
SW8260	ETHYLBENZENE	ug/kg	1.6 U	2.4 UJ	1.3 J	0.9 J	2.3 U	1.7 U	1.2 J	1.3 J	
SW8260	NAPHTHALENE	ug/kg	7.9 U	8.8 J	20.4 J	13.4 J	14.6	8.3 J	5.5 J	9.6 J	
SW8260	O-XYLENE	ug/kg	1.6 U	4 J	7.7 J	4.5 J	3.4	6.9	4 J	3.6 J	
SW8260	TOLUENE	ug/kg	1.6 U	2.8 J	6.4 J	13.6 J	5.2	2.5	3.7 J	8.6 J	
SW8260	XYLENES, M & P	ug/kg	3.2 U	4.8 J	8 J	4.7 J	3.3 J	1.1 J	5.5 J	5.4 J	
SW8260	XYLENES, TOTAL	ug/kg	3.2 U	8.8 J	15.7 J	9.2 J	6.7	8	9.5 J	9 J	
SW8270	ACENAPHTHENE	ug/kg	9.9 U	121 J	73.2 J	179 J	87.8	82.7	52.2 J	50.3 J	
SW8270	ACENAPHTHYLENE	ug/kg	9.9 U	182 J	87.2 J	82 J	21.6	42.8	52.3 J	42.8 J	
SW8270	ANTHRACENE	ug/kg	9.9 U	346 J	187 J	269 J	82.2	129	72.7 J	66.3 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	9.9 UJ	688 J	369 J	673 J	204 J	222 J	135 J	132 J	
SW8270	BENZO(A)PYRENE	ug/kg	9.9 UJ	647 J	288 J	582 J	143	156	145 J	121 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	9.9 UJ	617 J	347 J	639 J	238	158	103 J	165 J	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	9.9 UJ	382 J	89.5 J	317 J	59.8	58.6	90.1 J	95.4 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	9.9 UJ	624 J	228 J	421 J	84.7	170	120 J	82 J	
SW8270	CHRYSENE	ug/kg	9.9 U	877 J	332 J	693 J	136	158	160 J	164 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	9.9 UJ	150 J	28.1 J	138 J	17.8	17.4	29.6 J	35.5 J	
SW8270	FLUORANTHENE	ug/kg	9.9 U	2020 J	1050 J	1760 J	598	666	293 J	324 J	
SW8270	FLUORENE	ug/kg	9.9 U	458 J	286 J	796 J	971	1980	246 J	195 J	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	9.9 UJ	365 J	97.8 J	322 J	64.6	66.6	68.9 J	85.7 J	
SW8270	PHENANTHRENE	ug/kg	9.9 U	1040 J	677 J	1170 J	524 J	561 J	232 J	217 J	
SW8270	PHENOL	ug/kg									
SW8270	PYRENE	ug/kg	9.9 U	1470 J	761 J	1110 J	396	447	304 J	320 J	
SW9045	pH	S.U.	7.41	7.35 J	7.63 J	9.74 J	10.49	10.18	7.94 J	8.25 J	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-20185	OL-VC-20185	OL-VC-20185	OL-VC-20185	OL-VC-20185	OL-VC-20185	OL-VC-20185	OL-VC-20185	OL-VC-20185
		Sample Depth	2.0-3.0 Ft	3.0-4.0 Ft	4.0-5.0 Ft	5.0-6.0 Ft	6.0-7.0 Ft	7.0-8.0 Ft	8.0-9.0 Ft	9.0-10.3 Ft	
		Field Sample ID	OL-0843-12	OL-0843-13	OL-0843-14	OL-0843-15	OL-0843-16	OL-0843-17	OL-0843-18	OL-0843-19	
		Sample Date	7/24/2009	7/24/2009	7/24/2009	7/24/2009	7/24/2009	7/24/2009	7/24/2009	7/24/2009	
		Sample Delivery Group	JA24031	JA24031	JA24031	JA24031	JA24031	JA24031	JA24031	JA24031	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	12700	31600	41000	36700 J	55400	64900	61400	54800	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	76	70.8	56.5	45.5	65.7	66.9	61.4	64.8	
SW7471	MERCURY	mg/kg	0.22	0.48	1.5	1.4 J	0.79	0.64	0.88	1.1	
SW8082	AROCOLOR-1016	ug/kg	4.3 U	4.7 U	5.8 U	7.3 UJ	99 U	49 U	110 U	100 U	
SW8082	AROCOLOR-1221	ug/kg	4.3 U	4.7 U	5.8 U	7.3 UJ	99 U	49 U	110 U	100 U	
SW8082	AROCOLOR-1232	ug/kg	4.3 U	4.7 U	5.8 U	7.3 UJ	99 U	49 U	110 U	100 U	
SW8082	AROCOLOR-1242	ug/kg	4.3 U	4.7 U	5.8 U	411 J	99 U	49 U	110 U	100 U	
SW8082	AROCOLOR-1248	ug/kg	90.3	270	327	7.3 UJ	3120	1960	3580	3060	
SW8082	AROCOLOR-1254	ug/kg	31.7	110 J	165	256 J	1850	1180	2240	1730	
SW8082	AROCOLOR-1260	ug/kg	8.1	15.3	23.1	7.3 UJ	162	117	332	176	
SW8082	AROCOLOR-1268	ug/kg	4.3 U	4.7 U	5.8 U	7.3 UJ	99 U	49 U	110 U	100 U	
SW8082	PCBS, N.O.S.	ug/kg	130	395	515	667 J	5130	3260	6150	4970	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	6.4 U	6.9 U	40 U	850 UJ	7.6 U	7.2 U	8.1 U	7.7 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	6.4 U	6.9 U	40 U	850 UJ	7.6 U	7.2 U	8.1 U	7.7 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	0.53 J	0.39 J	21.3 J	443 J	7.6 U	1.2 J	1.4 J	1 J	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	0.65 J	6.9 U	40 U	850 UJ	7.6 U	7.2 U	8.1 U	7.7 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	6.4 U	6.9 U	15.8 J	850 UJ	7.6 U	7.2 U	8.1 U	7.7 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	0.5 J	6.9 U	23.2 J	343 J	0.73 J	0.63 J	1 J	1.4 J	
SW8260	BENZENE	ug/kg	1.3	1.6	27.2	270 J	7.2	1.9	2.5	2.3	
SW8260	CHLOROBENZENE	ug/kg	6.4 U	6.9 U	9.4 J	850 UJ	7.6 U	7.2 U	8.1 U	7.7 U	
SW8260	ETHYLBENZENE	ug/kg	1.3 U	1.4 U	45	611 J	1 J	1.4 U	1.6 U	1.5 U	
SW8260	NAPHTHALENE	ug/kg	3.8 J	3.2 J	22900	115000 J	40.1	2.1 J	4.6 J	2.5 J	
SW8260	O-XYLENE	ug/kg	1.2 J	1 J	143	2070 J	7.5	0.84 J	1.3 J	1.1 J	
SW8260	TOLUENE	ug/kg	3.3	1.8	42.5	355 J	1.7	0.76 J	1 J	0.95 J	
SW8260	XYLENES, M & P	ug/kg	2.2 J	0.96 J	227	3400 J	6.1	1 J	1.5 J	1.2 J	
SW8260	XYLENES, TOTAL	ug/kg	3.4	2 J	370	5470 J	13.6	1.9 J	2.8 J	2.3 J	
SW8270	ACENAPHTHENE	ug/kg	23.5	49.7	1050	3780 J	50.1	89.1	71.1	99.3	
SW8270	ACENAPHTHYLENE	ug/kg	7.5 U	8 U	973	6850 J	44.8	22	16.5	26.1	
SW8270	ANTHRACENE	ug/kg	20.2	36.9	3950	30500 J	159	131	84.7	122	
SW8270	BENZO(A)ANTHRACENE	ug/kg	57.9 J	58.9	3710	24400 J	196	242	219	386	
SW8270	BENZO(A)PYRENE	ug/kg	36.6	41.5	2170	13700 J	153	202	217	357	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	72.3	51.5	2350	12900 J	157	220	247	424	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	30.8	31.6	870	3870 J	96.6	134	132	215	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	22.6	27.3 J	1480	10800 J	109	141	118	198	
SW8270	CHRYSENE	ug/kg	26.8	63.4	2940	20000 J	185	233	225	395	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	12.8	14.7	442	2470 J	45.4	59.2	59.5	97.9	
SW8270	FLUORANTHENE	ug/kg	106	178	9590	52600 J	408	473	404	662	
SW8270	FLUORENE	ug/kg	28.2	87	2060	14200 J	75.7	54.2	31.1 J	49.8	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	28.4	31.5	1050	4910 J	95.7	128	131	207	
SW8270	PHENANTHRENE	ug/kg	135	147	10500	63100 J	401	402	321	438	
SW8270	PHENOL	ug/kg									
SW8270	PYRENE	ug/kg	87.1	138	6820	33900 J	340	408	382	653	
SW9045	pH	S.U.	10.25	10.57	9.9	9.39 J	8.43	8.7	8.93	9.41	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-20186	OL-VC-20186	OL-VC-20186	OL-VC-20186	OL-VC-20186	OL-VC-20186	OL-VC-20186	OL-VC-20195	OL-VC-20195
		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	5.0-6.0 Ft	0.00-0.50 Ft	0.50-1.00 Ft	
		Field Sample ID	OL-0838-02	OL-0838-03	OL-0838-04	OL-0838-05	OL-0838-06	OL-0838-07	OL-1023-01	OL-1023-02	
		Sample Date	7/22/2009	7/22/2009	7/22/2009	7/22/2009	7/22/2009	7/22/2009	9/22/2009	9/22/2009	
		Sample Delivery Group	JA23767	JA23767	JA23767	JA23767	JA23767	JA23767	OLS01 OLS03	OLS01 OLS03	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	31300	21700	44000	39200	13200	13800	28300 J	41200 J	
SM2540G	PERCENT MOISTURE	%							60.2	61.1	
SM2540G	SOLIDS, PERCENT	%	57.8	80.7	55.9	56.6	55.4	58.1			
SW7471	MERCURY	mg/kg	2.8	0.057	1.2	0.16	0.023 U	0.022 U	1.46 J	1.47 J	
SW8082	AROCOLOR-1016	ug/kg	5.7 U	4 U	5.9 U	5.8 U	5.9 U	5.6 U	110 UJ	110 UJ	
SW8082	AROCOLOR-1221	ug/kg	5.7 U	4 U	5.9 U	5.8 U	5.9 U	5.6 U	110 UJ	110 UJ	
SW8082	AROCOLOR-1232	ug/kg	5.7 U	4 U	5.9 U	5.8 U	5.9 U	5.6 U	110 UJ	110 UJ	
SW8082	AROCOLOR-1242	ug/kg	5.7 U	4 U	5.9 U	5.8 U	5.9 U	5.6 U	110 UJ	110 UJ	
SW8082	AROCOLOR-1248	ug/kg	202	52.9	26.7	19.8	5.9 U	5.6 U	260 J	360 J	
SW8082	AROCOLOR-1254	ug/kg	89.1 J	19.5	12.7	13.8	5.9 U	5.6 U	230 J	240 J	
SW8082	AROCOLOR-1260	ug/kg	37.2	5.3	5.9 U	5.8 U	5.9 U	5.6 U	110 J	130 J	
SW8082	AROCOLOR-1268	ug/kg	5.7 U	4 U	9.7	33.3	5.9 U	5.6 U	110 UJ	110 UJ	
SW8082	PCBS, N.O.S.	ug/kg	328	77.7	49.1	66.9	5.9 U	5.6 U	600 J	720 J	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9.2 U	6.1 U	45 U	9.4 U	9.4 U	8.6 U	13 UJ	14 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9.2 U	6.1 U	45 U	9.4 U	9.4 U	8.6 U	13 UJ	14 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	1.8 J	6.1 U	20.4 J	2.9 J	2.8 J	14.7	4 J	14 UJ	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9.2 U	6.1 UJ	45 U	9.4 U	9.4 U	8.6 UJ	13 UJ	14 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	2.3 J	6.1 U	3.9 J	0.57 J	9.4 U	8.6 U	13 UJ	6 J	
SW8260	1,4-DICHLOROBENZENE	ug/kg	6.8 J	6.1 U	13.9 J	2.2 J	9.4 U	11.4	13 J	19 J	
SW8260	BENZENE	ug/kg	1.6 J	1.2 U	92.6	19.1	12.7	40.7	2 J	22 J	
SW8260	CHLOROBENZENE	ug/kg	6.9 J	6.1 U	18 J	2.7 J	2.2 J	8.2 J	16 J	75 J	
SW8260	ETHYLBENZENE	ug/kg	1.8 U	1.2 U	12.8	3.7	15.5	44.5	13 UJ	3 J	
SW8260	NAPHTHALENE	ug/kg	9.2 U	6.1 U	578	56	32.3	101	3 J	14 J	
SW8260	O-XYLENE	ug/kg	0.9 J	1.2 U	94.7	11.9	0.95 J	1.1 J	13 UJ	4 J	
SW8260	TOLUENE	ug/kg	1.8 U	1.2 U	20.9	2.5	1.9 U	1.1 J	13 UJ	6 J	
SW8260	XYLENES, M & P	ug/kg	1.9 J	2.4 U	117	12.6	1.7 J	2.9 J	13 UJ	6 J	
SW8260	XYLENES, TOTAL	ug/kg	2.8 J	2.4 U	212	24.5	2.7 J	4	13 UJ	8 J	
SW8270	ACENAPHTHENE	ug/kg	8.41 J	7 U	31.5 J	146 J	7.33 J	5.63 J	22 J	42 J	
SW8270	ACENAPHTHYLENE	ug/kg	9.9 U	7 U	14.1	35	10 U	9.8 U	38 J	50 J	
SW8270	ANTHRACENE	ug/kg	9.82 J	7 U	65	308	16.7	20.8	65 J	77 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	36.2 J	13.6 J	120 J	316 J	26.6 J	25.3 J	320 J	470 J	
SW8270	BENZO(A)PYRENE	ug/kg	20	6.73 J	68.1	181	12	8.72 J	300 J	410 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	42.8	14.5	134	261	23	16.6	490 J	620 J	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	19.1	8.95	50.5	87.4	10.5	7.73 J	190 J	310 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	10.7	4.28 J	45	89.5	6.95 J	5.89 J	130 J	200 J	
SW8270	CHRYSENE	ug/kg	21.2	6.11 J	84.3	251	9.09 J	9.68 J	300 J	540 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	9.9 U	7 U	22.2	57.2	10 U	9.8 U	37 J	64 J	
SW8270	FLUORANTHENE	ug/kg	63.1	21.3	219	721	36.9	45.6	500 J	970 J	
SW8270	FLUORENE	ug/kg	9.9 U	7 U	168	560	18.7	125	31 J	78 J	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	18.3	8.84	49.5	91.9	11.7	9.2 J	170 J	250 J	
SW8270	PHENANTHRENE	ug/kg	54.2	20.8	116	734	37.9	53.5	240 J	440 J	
SW8270	PHENOL	ug/kg									
SW8270	PYRENE	ug/kg	65.3	19.1	204	567	30.9	41	530 J	880 J	
SW9045	pH	S.U.	7.92	9.36	9.18	8.65	8.01	7.63	7.73 J	7.89 J	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-20195	OL-VC-20195	OL-VC-20195	OL-VC-20196	OL-VC-20196	OL-VC-20196	OL-VC-20196	OL-VC-20196
		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	2.00-3.00 Ft
		Field Sample ID	OL-1023-03	OL-1023-04	OL-1023-05	OL-1024-02	OL-1024-03	OL-1024-04	OL-1024-05	OL-1024-06
		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	OLS01 OLS03	OLS01 OLS03	OLS02 OLS04	OLS02 OLS04	OLS02 OLS04	OLS02 OLS04	OLS02 OLS04
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Field duplicate
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	97400 J	76100 J	56800 J	16900	51000 J	81800 J	53600 J	61400 J
SM2540G	PERCENT MOISTURE	%	72.9	77.3	60.1	49.1	69.3	77.8	69.1	68
SM2540G	SOLIDS, PERCENT	%								
SW7471	MERCURY	mg/kg	11 J	15.8 J	3.44 J	0.632 J	2.56 J	15.9 J	14.3 J	10.5 J
SW8082	AROCOLOR-1016	ug/kg	940 UJ	1100 UJ	130 UJ	17 U	280 UJ	510 UJ	550 UJ	270 UJ
SW8082	AROCOLOR-1221	ug/kg	940 UJ	1100 UJ	130 UJ	17 U	280 UJ	510 UJ	550 UJ	270 UJ
SW8082	AROCOLOR-1232	ug/kg	940 UJ	1100 UJ	130 UJ	17 U	280 UJ	510 UJ	550 UJ	270 UJ
SW8082	AROCOLOR-1242	ug/kg	940 UJ	1100 UJ	130 UJ	17 U	280 UJ	510 UJ	550 UJ	270 UJ
SW8082	AROCOLOR-1248	ug/kg	5000 J	3500 J	110 J	70	1100 J	1800 J	1300 J	820 J
SW8082	AROCOLOR-1254	ug/kg	3700 J	2800 J	200 J	54 J	730 J	1000 J	1100 J	700 J
SW8082	AROCOLOR-1260	ug/kg	1200 J	770 J	180 J	26 J	350 J	350 J	370 J	230 J
SW8082	AROCOLOR-1268	ug/kg	940 UJ	1100 UJ	130 UJ	17 U	280 UJ	510 UJ	550 UJ	270 UJ
SW8082	PCBS, N.O.S.	ug/kg	9900 J	7100 J	490 J	150	2100 J	3100 J	2900 J	1800 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	18 UJ	22 UJ	13 UJ	450 U	800 UJ	12000 UJ	890 UJ	7900 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	18 UJ	22 UJ	13 UJ	450 U	800 UJ	12000 UJ	890 UJ	7900 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	62 J	120 J	10 J	450 U	320 J	12000 UJ	890 UJ	7900 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	22 J	46 J	3 J	450 U	800 UJ	12000 UJ	890 UJ	7900 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	110 J	68 J	13 UJ	450 U	800 UJ	240 J	890 UJ	7900 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	180 J	270 J	8 J	450 U	800 UJ	730 J	8100 UJ	7900 UJ
SW8260	BENZENE	ug/kg	170 J	210 J	180 J	2800	43000 J	140000 J	120000 J	160000 J
SW8260	CHLOROBENZENE	ug/kg	460 J	150 J	4 J	450 U	620 J	580 J	8100 UJ	7900 UJ
SW8260	ETHYLBENZENE	ug/kg	31 J	70 J	89 J	5 J	800 UJ	1900 J	6100 J	6600 J
SW8260	NAPHTHALENE	ug/kg	9 J	290 J	32 J	8 J	780 J	730 J	4000 J	3800 J
SW8260	O-XYLENE	ug/kg	9 J	19 J	6 J	9 J	800 UJ	12000 UJ	890 UJ	7900 UJ
SW8260	TOLUENE	ug/kg	31 J	36 J	11 J	450 U	800 UJ	12000 UJ	890 UJ	7900 UJ
SW8260	XYLENES, M & P	ug/kg	36 J	81 J	65 J	450 U	230 J	4700 J	19000 J	20000 J
SW8260	XYLENES, TOTAL	ug/kg	44 J	99 J	71 J	450 U	230 J	4700 J	19000 J	20000 J
SW8270	ACENAPHTHENE	ug/kg	140 J	190 J	110 J	33 UJ	68 J	77 J	120 J	92 J
SW8270	ACENAPHTHYLENE	ug/kg	61 J	75 J	120 J	33 UJ	57 J	40 J	97 J	48 J
SW8270	ANTHRACENE	ug/kg	300 J	320 J	270 J	30 J	65 J	160 J	270 J	350 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	740 J	720 J	940 J	56 J	590 J	530 J	850 J	730 J
SW8270	BENZO(A)PYRENE	ug/kg	600 J	590 J	680 J	61 J	570 J	430 J	700 J	530 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	900 J	900 J	1000 J	86 J	930 J	680 J	540 J	920 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	430 J	380 J	370 J	97	380 J	300 J	360 J	89 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	290 J	270 J	330 J	74	230 J	220 J	310 J	240 J
SW8270	CHRYSENE	ug/kg	930 J	970 J	1000 J	51 J	780 J	710 J	660 J	990 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	84 J	79 J	120 J	33 UJ	37 J	81 J	51 J	87 J
SW8270	FLUORANTHENE	ug/kg	2100 J	1800 J	1700 J	250	660 J	810 J	1800 J	2000 J
SW8270	FLUORENE	ug/kg	280 J	84 J	77 J	33 UJ	50 J	150 J	270 J	480 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	370 J	340 J	360 J	87	350 J	270 J	330 J	98 J
SW8270	PHENANTHRENE	ug/kg	1500 J	1900 J	1100 J	81 J	650 J	980 J	1500 J	2300 J
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg	1900 J	2100 J	1700 J	240	630 J	840 J	2100 J	2000 J
SW9045	pH	S.U.	7.67 J	7.91 J	7.96 J	7.88	7.91 J	7.59 J	7.98 J	7.84 J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-20196	OL-VC-20197	OL-VC-20197	OL-VC-20197	OL-VC-20197	OL-VC-20197	OL-VC-20197	OL-VC-30096	OL-VC-30096
		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	3.00-4.00 Ft	0-1 Ft	1-2 Ft
		Field Sample ID	OL-1024-07	OL-1023-06	OL-1023-07	OL-1023-08	OL-1023-09	OL-1023-10	OL-1023-10	OL-0887-10	OL-0887-11
		Sample Date	9/22/2009	9/22/2009	9/22/2009	9/22/2009	9/22/2009	9/22/2009	9/22/2009	8/14/2009	8/14/2009
		Sample Delivery Group	OLS02 OLS04	OLS01 OLS03	OLS01 OLS03	OLS01 OLS03	OLS01 OLS03	OLS01 OLS03	OLS01 OLS03	JA25757	JA25757
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	40400 J	41900 J	46900 J	61800 J	57500 J	60800 J	10800	20700	
SM2540G	PERCENT MOISTURE	%	63.5	67.7	66.8	79.7	72.1	65.8			
SM2540G	SOLIDS, PERCENT	%							59.9	56.3	
SW7471	MERCURY	mg/kg	1.09 J	1.85 J	1.83 J	27.2 J	23.9 J	1.4 J	2.9	27.2	
SW8082	AROCOLOR-1016	ug/kg	23 UJ	53 UJ	130 UJ	1300 UJ	180 UJ	150 UJ	5.6 U	5.9 U	
SW8082	AROCOLOR-1221	ug/kg	23 UJ	53 UJ	130 UJ	1300 UJ	180 UJ	150 UJ	5.6 U	5.9 U	
SW8082	AROCOLOR-1232	ug/kg	23 UJ	53 UJ	130 UJ	1300 UJ	180 UJ	150 UJ	5.6 U	5.9 U	
SW8082	AROCOLOR-1242	ug/kg	23 UJ	53 UJ	130 UJ	1300 UJ	180 UJ	150 UJ	5.6 U	147 J	
SW8082	AROCOLOR-1248	ug/kg	23 UJ	330 J	910 J	5100 J	480 J	67 J	21.5	5.9 U	
SW8082	AROCOLOR-1254	ug/kg	50 J	250 J	460 J	2900 J	730 J	48 J	9	68.4 J	
SW8082	AROCOLOR-1260	ug/kg	25 J	130 J	240 J	970 J	340 J	150 UJ	5.6 U	5.9 U	
SW8082	AROCOLOR-1268	ug/kg	23 UJ	53 UJ	130 UJ	1300 UJ	180 UJ	150 UJ	12 J	335	
SW8082	PCBS, N.O.S.	ug/kg	75 J	710 J	1600 J	9000 J	1600 J	110 J	42.5	550	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	7000 UJ	15 UJ	15 UJ	27 UJ	18 UJ	800 UJ	7.7 U	8.7 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	7000 UJ	15 UJ	15 UJ	27 UJ	18 UJ	800 UJ	7.7 U	8.7 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	7000 UJ	5 J	4 J	58 J	24 J	800 UJ	7.7 U	8.7 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	7000 UJ	15 UJ	15 UJ	30 J	16 UJ	800 UJ	7.7 U	8.7 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	7000 UJ	6 J	14 J	170 J	34 J	800 UJ	7.7 U	1.6 J	
SW8260	1,4-DICHLOROBENZENE	ug/kg	7000 UJ	20 J	33 J	270 J	75 J	800 UJ	0.77 J	1.3 J	
SW8260	BENZENE	ug/kg	78000 J	2 J	6 J	70 J	59 J	220 J	1.5 U	1.7 U	
SW8260	CHLOROBENZENE	ug/kg	7000 UJ	23 J	46 J	170 J	41 J	800 UJ	0.98 J	1.4 J	
SW8260	ETHYLBENZENE	ug/kg	12000 J	5 J	15 UJ	23 J	24 J	400 J	1.5 U	1.7 U	
SW8260	NAPHTHALENE	ug/kg	24000 J	11 J	8 J	47 J	290 J	24000 J	7.7 U	8.7 U	
SW8260	O-XYLENE	ug/kg	7000 UJ	3 J	8 J	84 J	94 J	800 UJ	1.5 U	1.7 U	
SW8260	TOLUENE	ug/kg	7000 UJ	15 UJ	15 UJ	18 J	13 J	800 UJ	1.5 U	1.7 U	
SW8260	XYLENES, M & P	ug/kg	40000 J	7 J	16 J	180 J	310 J	1900 J	3.1 U	3.5 U	
SW8260	XYLENES, TOTAL	ug/kg	40000 J	6 J	25 J	270 J	400 J	1900 J	3.1 U	3.5 U	
SW8270	ACENAPHTHENE	ug/kg	8700 J	38 J	56 J	190 J	130 J	970 J	4.8 U	5.1 U	
SW8270	ACENAPHTHYLENE	ug/kg	76 J	42 J	49 J	80 J	110 J	970 J	4.8 U	8.41	
SW8270	ANTHRACENE	ug/kg	9800 J	78 J	80 J	350 J	350 J	4200 J	7.8	15.5	
SW8270	BENZO(A)ANTHRACENE	ug/kg	620 J	340 J	490 J	940 J	890 J	4600 J	35.5	37	
SW8270	BENZO(A)PYRENE	ug/kg	9500 J	320 J	810 J	780 J	750 J	2400 J	28.2	22.8	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	8400 J	480 J	640 J	1200 J	1200 J	3400 J	46.5	46.8	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5200 J	280 J	350 J	560 J	520 J	1300 J	21	15.4	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	2900 J	120 J	350 J	370 J	400 J	630 J	19	6.74	
SW8270	CHRYSENE	ug/kg	740 J	390 J	580 J	1200 J	970 J	4400 J	32.7	37.1	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	990 J	68 J	92 J	150 J	88 J	360 J	10.2	8.83	
SW8270	FLUORANTHENE	ug/kg	32000 J	460 J	730 J	2100 J	2300 J	4300 J	65.5	76.2	
SW8270	FLUORENE	ug/kg	6500 J	56 J	90 J	270 J	280 J	2600 J	4.8 U	5.1 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4200 J	240 J	310 J	490 J	470 J	900 J	21	16.2	
SW8270	PHENANTHRENE	ug/kg	24000 J	320 J	520 J	1800 J	1500 J	8600 J	24.8	30.1	
SW8270	PHENOL	ug/kg							48 U	51 U	
SW8270	PYRENE	ug/kg	40000 J	860 J	2200 J	2600 J	2400 J	9200 J	63.3	85.9	
SW9045	pH	S.U.	8.01 J	7.76 J	7.72 J	7.71 J	7.91 J	8.24 J	7.67	7.68	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30096	OL-VC-30096	OL-VC-30097	OL-VC-30097	OL-VC-30097	OL-VC-30097	OL-VC-30097	OL-VC-30098-A	OL-VC-30098-A
		Sample Depth	2-3 Ft	3-4 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	0.00-0.50 Ft	0.50-1.00 Ft	
		Field Sample ID	OL-0887-12	OL-0887-13	OL-0887-14	OL-0887-15	OL-0887-16	OL-0887-17	OL-1031-02	OL-1031-03	
		Sample Date	8/14/2009	8/14/2009	8/14/2009	8/14/2009	8/14/2009	8/14/2009	9/28/2009	9/28/2009	
		Sample Delivery Group	JA25757	JA25757	JA25757	JA25757	JA25757	JA25757	OLS11	OLS11	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	42900	12400	18000	15100 J	26100 J	31400			
SM2540G	PERCENT MOISTURE	%							57.6	51.8	
SM2540G	SOLIDS, PERCENT	%	57.4	53.5	51	48.8	49.4	50.8			
SW7471	MERCURY	mg/kg	4	0.33	2.3	34.5 J	12 J	0.38	1.84 J	2.71 J	
SW8082	AROCOLOR-1016	ug/kg	5.7 U	6.2 U	6.5 U	6.7 UJ	6.7 UJ	6.5 U			
SW8082	AROCOLOR-1221	ug/kg	5.7 U	6.2 U	6.5 U	6.7 UJ	6.7 UJ	6.5 U			
SW8082	AROCOLOR-1232	ug/kg	5.7 U	6.2 U	6.5 U	6.7 UJ	6.7 UJ	6.5 U			
SW8082	AROCOLOR-1242	ug/kg	5.7 U	6.2 U	6.5 U	222 JN	6.7 UJ	6.5 U			
SW8082	AROCOLOR-1248	ug/kg	16.9	6.2 U	45.9	6.7 UJ	57.4 JN	6.5 U			
SW8082	AROCOLOR-1254	ug/kg	37.1 J	6.2 U	20.8 J	114 J	63.6 J	6.5 U			
SW8082	AROCOLOR-1260	ug/kg	11.1 J	6.2 U	6.5 U	6.7 UJ	19.9 J	6.5 U			
SW8082	AROCOLOR-1268	ug/kg	5.7 U	6.2 U	6.5 U	74.8 J	6.7 UJ	6.5 U			
SW8082	PCBS, N.O.S.	ug/kg	65 J	6.2 U	66.7 J	411 JN	141 J	6.5 U			
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.9 U	9.2 U	9.1 U	9.7 UJ	11 UJ	10 U			
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.9 U	9.2 U	9.1 U	9.7 UJ	11 UJ	10 U			
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.9 U	9.2 U	9.1 U	9.7 UJ	11 UJ	10 U			
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.9 U	9.2 U	9.1 U	9.7 UJ	11 UJ	10 U			
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.9 U	9.2 U	1.7 J	6.1 J	11 UJ	10 U			
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.9 U	9.2 U	1.5 J	4.1 J	11 UJ	10 U			
SW8260	BENZENE	ug/kg	1.8 U	1.8 U	1.8 U	1.9 UJ	2.2 UJ	2.1 U			
SW8260	CHLOROBENZENE	ug/kg	8.9 U	9.2 U	2 J	3.1 J	11 UJ	10 U			
SW8260	ETHYLBENZENE	ug/kg	1.8 U	1.8 U	1.8 U	1.9 UJ	2.2 UJ	2.1 U			
SW8260	NAPHTHALENE	ug/kg	8.9 U	9.2 U	9.1 U	9.7 UJ	11 UJ	10 U			
SW8260	O-XYLENE	ug/kg	1.8 U	1.8 U	1.8 U	1.1 J	2.2 UJ	2.1 U			
SW8260	TOLUENE	ug/kg	1.8 U	1.8 U	1.8 U	1.9 UJ	2.2 UJ	2.1 U			
SW8260	XYLENES, M & P	ug/kg	3.6 U	3.7 U	3.6 U	2 J	4.3 UJ	4.1 U			
SW8260	XYLENES, TOTAL	ug/kg	3.6 U	3.7 U	3.6 U	3.1 J	4.3 UJ	4.1 U			
SW8270	ACENAPHTHENE	ug/kg	4.9 U	5.3 U	5.6 U	9.57 J	6.35 J	7.37			
SW8270	ACENAPHTHYLENE	ug/kg	11.1	8.69	12.2	24 J	26.4 J	29.3			
SW8270	ANTHRACENE	ug/kg	13.3	11.8	17.8	44.8 J	28.7 J	28.9			
SW8270	BENZO(A)ANTHRACENE	ug/kg	36.2	116	77.3	75.7 J	58.6 J	75.3			
SW8270	BENZO(A)PYRENE	ug/kg	26.3	99.1	82.8	58.1 J	48.2 J	62.9			
SW8270	BENZO(B)FLUORANTHENE	ug/kg	46.5	110	109	97.8 J	69.6 J	60.8			
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	16.4	50.6	56.4	41.4 J	29.8 J	37.3			
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.08	71.5	64.4	34.7 J	26 J	62.5			
SW8270	CHRYSENE	ug/kg	34.8	101	79.8	84.2 J	65.9 J	76.4			
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	9.32	30.3	29.8	20.8 J	15.7 J	21			
SW8270	FLUORANTHENE	ug/kg	72.7	107	156	176 J	125 J	163			
SW8270	FLUORENE	ug/kg	7.97	5.3 U	5.6 U	35.2 J	21.4 J	19.7			
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	17.1	54	57.3	44.4 J	31.7 J	39.8			
SW8270	PHENANTHRENE	ug/kg	37.2	24.8	51.2	107 J	71.5 J	83			
SW8270	PHENOL	ug/kg	49 U	53 U	56 U	59 UJ	58 UJ	56 U			
SW8270	PYRENE	ug/kg	81.4	129	148	200 J	147 J	186			
SW9045	pH	S.U.	7.71	7.69	7.67	7.65 J	7.61 J	7.53			

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30098	OL-VC-30098	OL-VC-30098	OL-VC-30098	OL-VC-30099	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	3-4 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	OL-0865-13
		Sample Date	7/23/2009	7/23/2009	7/23/2009	7/23/2009	8/5/2009	8/5/2009	8/5/2009	8/5/2009
		Sample Delivery Group	JA23890	JA23890	JA23890	JA23890	JA24914	JA24914	JA24914	JA24914
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical 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 J	8340 J
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	45.6	47.4	48.1	46.1	24.8	22.3	33.9	35.2
SW7471	MERCURY	mg/kg	2.2 J	11.3 J	22.7 J	3.7 J	0.1 J	0.055 UJ	0.12 J	0.18 J
SW8082	AROCOLOR-1016	ug/kg	7.2 UJ	7 UJ	6.9 UJ	6.3 UJ	13 UJ	15 UJ	9.7 UJ	9.3 UJ
SW8082	AROCOLOR-1221	ug/kg	7.2 UJ	7 UJ	6.9 UJ	6.3 UJ	13 UJ	15 UJ	9.7 UJ	9.3 UJ
SW8082	AROCOLOR-1232	ug/kg	7.2 UJ	7 UJ	6.9 UJ	6.3 UJ	13 UJ	15 UJ	9.7 UJ	9.3 UJ
SW8082	AROCOLOR-1242	ug/kg	7.2 UJ	7 UJ	6.9 UJ	6.3 UJ	13 UJ	15 UJ	9.7 UJ	9.3 UJ
SW8082	AROCOLOR-1248	ug/kg	7.2 UJ	109 J	95 J	9.6 J	13 UJ	15 UJ	9.7 UJ	9.3 UJ
SW8082	AROCOLOR-1254	ug/kg	7.2 UJ	50 J	68.8 J	15.4 J	13 UJ	15 UJ	9.7 UJ	9.3 UJ
SW8082	AROCOLOR-1260	ug/kg	7.2 UJ	25.7 J	6.9 UJ	6.3 UJ	13 UJ	15 UJ	9.7 UJ	9.3 UJ
SW8082	AROCOLOR-1268	ug/kg	7.2 UJ	7 UJ	88.4 J	6.3 UJ	13 UJ	15 UJ	9.7 UJ	9.3 UJ
SW8082	PCBS, N.O.S.	ug/kg	7.2 UJ	185 J	252 J	25 J	13 UJ	15 UJ	9.7 UJ	9.3 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	11 UJ	11 UJ	10 UJ	11 UJ	21 UJ	23 UJ	15 UJ	13 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	11 UJ	11 UJ	10 UJ	11 UJ	21 UJ	23 UJ	15 UJ	13 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	11 UJ	11 UJ	10 UJ	11 UJ	1.3 J	1.6 J	1.1 J	1.2 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	11 UJ	11 UJ	10 UJ	11 UJ	21 UJ	23 UJ	15 UJ	13 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	11 UJ	5.9 J	5.9 J	11 UJ	21 UJ	23 UJ	15 UJ	13 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	11 UJ	5.2 J	4.1 J	11 UJ	1.9 J	1.8 J	1.5 J	1.9 J
SW8260	BENZENE	ug/kg	2.1 UJ	2.2 UJ	2.1 UJ	2.1 UJ	5 J	9.6 J	6.4 J	6.9 J
SW8260	CHLOROBENZENE	ug/kg	11 UJ	3.7 J	4.1 J	11 UJ	21 UJ	23 UJ	15 UJ	1.2 J
SW8260	ETHYLBENZENE	ug/kg	2.1 UJ	2.2 UJ	2.1 UJ	2.1 UJ	4.3 UJ	4.6 UJ	3 UJ	2.7 UJ
SW8260	NAPHTHALENE	ug/kg	11 UJ	11 UJ	10 UJ	11 UJ	19.1 J	22.6 J	15.1 J	14.5 J
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 J	2.4 J
SW8260	TOLUENE	ug/kg	2.1 UJ	2.2 UJ	2.1 UJ	2.1 UJ	2.8 J	5.6 J	4.5 J	5.9 J
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 J	3.4 J
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 J	5.8 J
SW8270	ACENAPHTHENE	ug/kg	12 UJ	12 UJ	43.6 J	14.5 J	11 UJ	13 UJ	8.4 UJ	8.1 UJ
SW8270	ACENAPHTHYLENE	ug/kg	16.2 J	19.4 J	60.6 J	31.2 J	11 UJ	13 UJ	8.4 UJ	8.1 UJ
SW8270	ANTHRACENE	ug/kg	24.5 J	32.9 J	109 J	33.6 J	11 UJ	13 UJ	10.2 J	8.95 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	124 J	93.3 J	177 J	82.2 J	12.4 J	13 UJ	31 J	25.8 J
SW8270	BENZO(A)PYRENE	ug/kg	145 J	79.3 J	164 J	78.4 J	13.3 J	13 UJ	21.5 J	20.7 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	267 J	187 J	178 J	138 J	21.9 J	13 UJ	37.9 J	31.2 J
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 J	12.7 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	90.2 J	50.6 J	194 J	46.4 J	8.76 J	13 UJ	17.7 J	15.7 J
SW8270	CHRYSENE	ug/kg	125 J	95.1 J	319 J	92.3 J	11.4 J	13 UJ	18.1 J	14.3 J
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 UJ	8.1 UJ
SW8270	FLUORANTHENE	ug/kg	216 J	193 J	430 J	182 J	40.5 J	50.2 J	64.2 J	44.9 J
SW8270	FLUORENE	ug/kg	12 UJ	30.7 J	417 J	33.7 J	11 UJ	13 UJ	13.9 J	8.1 UJ
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 J	12.2 J
SW8270	PHENANTHRENE	ug/kg	89.5 J	88.9 J	374 J	112 J	33 J	38.1 J	44.4 J	29.7 J
SW8270	PHENOL	ug/kg	62 UJ	60 UJ	59 UJ	62 UJ	1990 J	2250 J	1920 J	731 J
SW8270	PYRENE	ug/kg	220 J	212 J	600 J	220 J	38.6 J	46.2 J	68.6 J	53 J
SW9045	pH	S.U.	7.36 J	7.42 J	7.7 J	7.57 J	11.22 J	11.83 J	11.87 J	11.78 J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30099	OL-VC-30099	OL-VC-30100	OL-VC-30100	OL-VC-30100	OL-VC-30100	OL-VC-30100	OL-VC-30100	OL-VC-30100
		Sample Depth	4-5 Ft	5-6 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	
		Field Sample ID	OL-0865-14	OL-0865-15	OL-0865-16	OL-0865-17	OL-0865-18	OL-0865-19	OL-0865-20	OL-0866-01	
		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	JA24914	JA24914	JA24914	JA24915	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	1470 J	1270 J	2140 J	1140 J	1340 J	2660 J	833 J	1540 J	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	25.3	32.4	25.9	29.7	30	29.9	35.3	28.3	
SW7471	MERCURY	mg/kg	0.1 J	0.031 J	0.18 J	0.079 J	0.11 J	0.19 J	0.15 J	0.26 J	
SW8082	AROCOLOR-1016	ug/kg	13 UJ	10 UJ	13 UJ	11 UJ	11 UJ	11 UJ	9.3 UJ	12 UJ	
SW8082	AROCOLOR-1221	ug/kg	13 UJ	10 UJ	13 UJ	11 UJ	11 UJ	11 UJ	9.3 UJ	12 UJ	
SW8082	AROCOLOR-1232	ug/kg	13 UJ	10 UJ	13 UJ	11 UJ	11 UJ	11 UJ	9.3 UJ	12 UJ	
SW8082	AROCOLOR-1242	ug/kg	13 UJ	10 UJ	13 UJ	11 UJ	11 UJ	11 UJ	9.3 UJ	12 UJ	
SW8082	AROCOLOR-1248	ug/kg	13 UJ	10 UJ	13 UJ	11 UJ	11 UJ	11 UJ	9.3 UJ	12 UJ	
SW8082	AROCOLOR-1254	ug/kg	13 UJ	10 UJ	13 UJ	11 UJ	11 UJ	11 UJ	9.3 UJ	12 UJ	
SW8082	AROCOLOR-1260	ug/kg	13 UJ	10 UJ	13 UJ	11 UJ	11 UJ	11 UJ	9.3 UJ	12 UJ	
SW8082	AROCOLOR-1268	ug/kg	13 UJ	10 UJ	13 UJ	11 UJ	11 UJ	11 UJ	9.3 UJ	12 UJ	
SW8082	PCBS, N.O.S.	ug/kg	13 UJ	10 UJ	13 UJ	11 UJ	11 UJ	11 UJ	9.3 UJ	12 UJ	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	21 UJ	15 UJ	21 UJ	19 UJ	17 UJ	17 UJ	14 UJ	20 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	21 UJ	15 UJ	21 UJ	19 UJ	17 UJ	17 UJ	14 UJ	20 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	21 UJ	0.97 J	21 UJ	19 UJ	17 UJ	17 UJ	14 UJ	20 UJ	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	21 UJ	15 UJ	21 UJ	19 UJ	17 UJ	17 UJ	14 UJ	20 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	21 UJ	15 UJ	21 UJ	19 UJ	17 UJ	17 UJ	14 UJ	20 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	2 J	1.6 J	1.7 J	2 J	1.6 J	1.9 J	1.4 UJ	2.6 J	
SW8260	BENZENE	ug/kg	9.1 J	7.2 J	18.1 J	22.6 J	30.2 J	42.1 J	29.5 J	113 J	
SW8260	CHLOROBENZENE	ug/kg	1.7 J	1.5 J	21 UJ	19 UJ	17 UJ	17 UJ	14 UJ	1.4 J	
SW8260	ETHYLBENZENE	ug/kg	4.2 UJ	3 UJ	1.6 J	2.1 J	3.2 J	5.6 J	3.5 J	18.3 J	
SW8260	NAPHTHALENE	ug/kg	16.7 J	12.9 J	15.9 J	17.5 J	17.9 J	23.8 J	13 J	45.6 J	
SW8260	O-XYLENE	ug/kg	2.4 J	1.8 J	8.4 J	11.5 J	17.9 J	31.5 J	20 J	92.4 J	
SW8260	TOLUENE	ug/kg	8.1 J	6.7 J	14.2 J	17.4 J	22.2 J	32.1 J	19.5 J	81.5 J	
SW8260	XYLENES, M & P	ug/kg	3.6 J	2.7 J	18.2 J	25.1 J	41.2 J	74.6 J	47.5 J	236 J	
SW8260	XYLENES, TOTAL	ug/kg	6 J	4.5 J	26.6 J	36.6 J	59.1 J	106 J	67.5 J	328 J	
SW8270	ACENAPHTHENE	ug/kg	11 UJ	8.8 UJ	11 UJ	9.6 UJ	9.5 UJ	19.8 J	14.8 J	34.8 J	
SW8270	ACENAPHTHYLENE	ug/kg	11 UJ	8.8 UJ	11 UJ	9.6 UJ	9.5 UJ	9.6 UJ	8.1 UJ	10 UJ	
SW8270	ANTHRACENE	ug/kg	11 UJ	8.8 UJ	11 UJ	9.6 UJ	9.5 UJ	28.2 J	8.1 UJ	11.8 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	11 UJ	15.1 J	11 UJ	9.6 UJ	9.5 UJ	70.5 J	8.1 UJ	10 UJ	
SW8270	BENZO(A)PYRENE	ug/kg	11 UJ	12.9 J	11 UJ	9.6 UJ	9.5 UJ	48.9 J	8.1 UJ	10 UJ	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	11 UJ	19.1 J	11 UJ	9.6 UJ	9.5 UJ	87.3 J	8.1 UJ	10 UJ	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	11 UJ	8.8 UJ	11 UJ	9.6 UJ	9.5 UJ	31.8 J	8.1 UJ	10 UJ	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	11 UJ	7.79 J	11 UJ	9.6 UJ	9.5 UJ	32.2 J	8.1 UJ	10 UJ	
SW8270	CHRYSENE	ug/kg	11 UJ	11.9 J	11 UJ	9.6 UJ	9.5 UJ	56.6 J	8.1 UJ	10 UJ	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	11 UJ	8.8 UJ	11 UJ	9.6 UJ	9.5 UJ	9.6 UJ	8.1 UJ	10 UJ	
SW8270	FLUORANTHENE	ug/kg	39.2 J	54.1 J	45.2 J	37.8 J	47.3 J	176 J	41.9 J	27 J	
SW8270	FLUORENE	ug/kg	11 UJ	8.8 UJ	11 UJ	9.6 UJ	9.5 UJ	9.6 UJ	8.1 UJ	10 UJ	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	11 UJ	8.8 UJ	11 UJ	9.6 UJ	9.5 UJ	26.5 J	8.1 UJ	10 UJ	
SW8270	PHENANTHRENE	ug/kg	24.5 J	30.6 J	25.1 J	47 J	47.5 J	113 J	46.8 J	103 J	
SW8270	PHENOL	ug/kg	1130 J	874 J	520 J	363 J	345 J	377 J	379 J	1020 J	
SW8270	PYRENE	ug/kg	30.7 J	41.9 J	34.5 J	26.5 J	34 J	143 J	30.6 J	23.4 J	
SW9045	pH	S.U.	12.03 J	12.13 J	12.02 J	12.12 J	12 J	12.02 J	12.04 J	12.23 J	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30101	OL-VC-30101	OL-VC-30101	OL-VC-30101	OL-VC-30101	OL-VC-30101	OL-VC-30101	OL-VC-30102	OL-VC-30102
		Sample Depth	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	5-6 Ft	0-1 Ft	1-2 Ft
		Field Sample ID	OL-0868-01	OL-0868-02	OL-0868-03	OL-0868-04	OL-0868-05	OL-0868-06	OL-0868-06	OL-0866-02	OL-0866-03
		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	8/5/2009
		Sample Delivery Group	JA24916	JA24916	JA24916	JA24916	JA24916	JA24916	JA24916	JA24915	JA24915
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	3200 J	3290 J	2370 J	1860 J	1910 J	2030 J	2030 J	1740 J	3450 J
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	25.5	24.9	27.4	26.9	26.1	27.9	27.9	21.5	22.9
SW7471	MERCURY	mg/kg	0.13 J	0.13 J	0.13 J	0.12 J	0.16 J	0.12 J	0.12 J	0.084 J	0.126 J
SW8082	AROCOLOR-1016	ug/kg	13 UJ	13 UJ	12 UJ	12 UJ	13 UJ	12 UJ	12 UJ	15 UJ	14 UJ
SW8082	AROCOLOR-1221	ug/kg	13 UJ	13 UJ	12 UJ	12 UJ	13 UJ	12 UJ	12 UJ	15 UJ	14 UJ
SW8082	AROCOLOR-1232	ug/kg	13 UJ	13 UJ	12 UJ	12 UJ	13 UJ	12 UJ	12 UJ	15 UJ	14 UJ
SW8082	AROCOLOR-1242	ug/kg	13 UJ	13 UJ	12 UJ	12 UJ	13 UJ	12 UJ	12 UJ	15 UJ	14 UJ
SW8082	AROCOLOR-1248	ug/kg	13 UJ	13 UJ	12 UJ	12 UJ	13 UJ	12 UJ	12 UJ	15 UJ	14 UJ
SW8082	AROCOLOR-1254	ug/kg	13 UJ	13 UJ	12 UJ	12 UJ	13 UJ	12 UJ	12 UJ	15 UJ	14 UJ
SW8082	AROCOLOR-1260	ug/kg	13 UJ	13 UJ	12 UJ	12 UJ	13 UJ	12 UJ	12 UJ	15 UJ	14 UJ
SW8082	AROCOLOR-1268	ug/kg	13 UJ	13 UJ	12 UJ	12 UJ	13 UJ	12 UJ	12 UJ	15 UJ	14 UJ
SW8082	PCBS, N.O.S.	ug/kg	13 UJ	13 UJ	12 UJ	12 UJ	13 UJ	12 UJ	12 UJ	15 UJ	14 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	20 UJ	21 UJ	19 UJ	19 UJ	19 UJ	18 UJ	18 UJ	26 UJ	20 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	20 UJ	21 UJ	19 UJ	19 UJ	19 UJ	18 UJ	18 UJ	26 UJ	20 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	20 UJ	21 UJ	19 UJ	19 UJ	19 UJ	18 UJ	18 UJ	26 UJ	20 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	20 UJ	21 UJ	19 UJ	19 UJ	19 UJ	18 UJ	18 UJ	26 UJ	20 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	20 UJ	21 UJ	19 UJ	19 UJ	19 UJ	18 UJ	18 UJ	26 UJ	20 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	2 J	2.3 J	1.9 J	2.1 J	1.9 J	1.7 J	1.7 J	26 UJ	20 UJ
SW8260	BENZENE	ug/kg	5.6 J	8.2 J	7.3 J	7.8 J	9.9 J	11.3 J	11.3 J	2.7 J	3.8 J
SW8260	CHLOROBENZENE	ug/kg	20 UJ	21 UJ	19 UJ	19 UJ	19 UJ	18 UJ	18 UJ	26 UJ	20 UJ
SW8260	ETHYLBENZENE	ug/kg	4.1 UJ	4.2 UJ	3.7 UJ	3.7 UJ	3.8 UJ	3.6 UJ	3.6 UJ	5.2 UJ	4 UJ
SW8260	NAPHTHALENE	ug/kg	12.1 J	15.4 J	13 J	14.6 J	14 J	14.8 J	14.8 J	4.8 J	7 J
SW8260	O-XYLENE	ug/kg	4.1 UJ	4.2 UJ	3.7 UJ	3.7 UJ	3.8 UJ	3.6 UJ	3.6 UJ	5.2 UJ	4 UJ
SW8260	TOLUENE	ug/kg	6.3 J	9.3 J	7.6 J	8.9 J	10 J	10.4 J	10.4 J	2.5 J	3.5 J
SW8260	XYLENES, M & P	ug/kg	3.3 J	4.5 J	3 J	3.1 J	3.2 J	3.2 J	3.2 J	10 UJ	8.1 UJ
SW8260	XYLENES, TOTAL	ug/kg	3.3 J	4.5 J	3 J	3.1 J	3.2 J	3.2 J	3.2 J	10 UJ	8.1 UJ
SW8270	ACENAPHTHENE	ug/kg	11 UJ	11 UJ	10 UJ	11 UJ	11 UJ	10 UJ	10 UJ	13 UJ	12 UJ
SW8270	ACENAPHTHYLENE	ug/kg	11 UJ	11 UJ	10 UJ	11 UJ	11 UJ	10 UJ	10 UJ	13 UJ	12 UJ
SW8270	ANTHRACENE	ug/kg	11 UJ	11 UJ	10 UJ	11 UJ	11 UJ	15.6 J	15.6 J	13 UJ	12 UJ
SW8270	BENZO(A)ANTHRACENE	ug/kg	16.8 J	19.3 J	10 UJ	11 UJ	11 UJ	56.8 J	56.8 J	13 UJ	12 UJ
SW8270	BENZO(A)PYRENE	ug/kg	11 UJ	11 UJ	10 UJ	11 UJ	11 UJ	30.2 J	30.2 J	13 UJ	12 UJ
SW8270	BENZO(B)FLUORANTHENE	ug/kg	11 UJ	11 UJ	10 UJ	11 UJ	11 UJ	53.1 J	53.1 J	13 UJ	12 UJ
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	11 UJ	11 UJ	10 UJ	11 UJ	11 UJ	17.5 J	17.5 J	13 UJ	12 UJ
SW8270	BENZO(K)FLUORANTHENE	ug/kg	11 UJ	11 UJ	10 UJ	11 UJ	11 UJ	16 J	16 J	13 UJ	12 UJ
SW8270	CHRYSENE	ug/kg	14.8 J	16.4 J	10 UJ	11 UJ	11 UJ	40.6 J	40.6 J	13 UJ	12 UJ
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	11 UJ	11 UJ	10 UJ	11 UJ	11 UJ	10 UJ	10 UJ	13 UJ	12 UJ
SW8270	FLUORANTHENE	ug/kg	39.8 J	51.8 J	18.1 J	27.9 J	39.2 J	118 J	118 J	16 J	27.2 J
SW8270	FLUORENE	ug/kg	11 UJ	11 UJ	10 UJ	11 UJ	11 UJ	10 UJ	10 UJ	13 UJ	12 UJ
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	11 UJ	11 UJ	10 UJ	11 UJ	11 UJ	17.8 J	17.8 J	13 UJ	12 UJ
SW8270	PHENANTHRENE	ug/kg	23.2 J	32.3 J	13.6 J	18 J	24.9 J	57.1 J	57.1 J	12.7 J	20.5 J
SW8270	PHENOL	ug/kg	1800 J	1760 J	778 J	772 J	797 J	618 J	618 J	3880 J	3720 J
SW8270	PYRENE	ug/kg	37.8 J	47 J	15.6 J	22.2 J	29.4 J	96.5 J	96.5 J	15.8 J	27.2 J
SW9045	pH	S.U.	12 J	12.1 J	12.16 J	12.22 J	12.24 J	12.23 J	12.23 J	11.68 J	11.76 J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30102	OL-VC-30102	OL-VC-30102	OL-VC-30102	OL-VC-30102	OL-VC-30102	OL-VC-30103	OL-VC-30103	OL-VC-30103
		Sample Depth	2-3 Ft	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-0866-04	OL-0866-05	OL-0866-06	OL-0866-07	OL-0866-08	OL-0866-15	OL-0866-16	OL-0866-17	
		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	JA24915	JA24915	JA24915	JA24915	JA24915	JA24915	JA24915	JA24915	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	5340 J	4060 J	6450 J	3510 J	2190 J	23400 J	24000 J	11800 J	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	24.9	26.8	35.6	30.2	29.4	45	38.1	43.8	
SW7471	MERCURY	mg/kg	0.15 J	0.1 J	0.25 J	0.1 J	0.087 J	2.8 J	4.6 J	0.73 J	
SW8082	AROCOLOR-1016	ug/kg	13 UJ	12 UJ	9.2 UJ	11 UJ	11 UJ	7.3 UJ	8.5 UJ	7.5 UJ	
SW8082	AROCOLOR-1221	ug/kg	13 UJ	12 UJ	9.2 UJ	11 UJ	11 UJ	7.3 UJ	8.5 UJ	7.5 UJ	
SW8082	AROCOLOR-1232	ug/kg	13 UJ	12 UJ	9.2 UJ	11 UJ	11 UJ	7.3 UJ	8.5 UJ	7.5 UJ	
SW8082	AROCOLOR-1242	ug/kg	13 UJ	12 UJ	9.2 UJ	11 UJ	11 UJ	16.6 J	51.5 J	7.5 UJ	
SW8082	AROCOLOR-1248	ug/kg	53.6 J	12 UJ	9.2 UJ	11 UJ	11 UJ	7.3 UJ	8.5 UJ	7.5 UJ	
SW8082	AROCOLOR-1254	ug/kg	28.6 J	12 UJ	9.2 UJ	11 UJ	11 UJ	13.5 J	25.3 J	7.5 UJ	
SW8082	AROCOLOR-1260	ug/kg	18.4 J	12 UJ	9.2 UJ	11 UJ	11 UJ	7.3 UJ	12.4 J	7.5 UJ	
SW8082	AROCOLOR-1268	ug/kg	13 UJ	12 UJ	9.2 UJ	11 UJ	11 UJ	7.3 UJ	8.5 UJ	7.5 UJ	
SW8082	PCBS, N.O.S.	ug/kg	101 J	12 UJ	9.2 UJ	11 UJ	11 UJ	30.1 J	89.2 J	7.5 UJ	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	20 UJ	17 UJ	14 UJ	17 UJ	18 UJ	11 UJ	12 UJ	11 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	20 UJ	17 UJ	14 UJ	17 UJ	18 UJ	11 UJ	12 UJ	11 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	20 UJ	17 UJ	14 UJ	1.6 J	18 UJ	11 UJ	0.7 J	0.91 J	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	20 UJ	17 UJ	14 UJ	17 UJ	18 UJ	11 UJ	12 UJ	11 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	20 UJ	17 UJ	14 UJ	17 UJ	18 UJ	1.5 J	12 UJ	11 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	20 UJ	17 UJ	14 UJ	3.7 J	1.7 J	2.8 J	2.5 J	2.2 J	
SW8260	BENZENE	ug/kg	5.7 J	4.9 J	3.7 J	6.2 J	6 J	2.1 UJ	4.7 J	5 J	
SW8260	CHLOROBENZENE	ug/kg	20 UJ	17 UJ	14 UJ	17 UJ	18 UJ	3.1 J	2.4 J	11 UJ	
SW8260	ETHYLBENZENE	ug/kg	4.1 UJ	3.4 UJ	2.8 UJ	2.2 UJ	3.5 UJ	2.1 UJ	2.4 UJ	0.97 J	
SW8260	NAPHTHALENE	ug/kg	11.1 J	11.7 J	6.4 J	14.7 J	8.4 J	11 UJ	3.1 J	9.6 J	
SW8260	O-XYLENE	ug/kg	2 J	2 J	2.8 UJ	4.2 J	2.9 J	2.1 UJ	1.6 J	1.5 J	
SW8260	TOLUENE	ug/kg	5.6 J	5.1 J	3.6 J	9.6 J	8.3 J	2.1 UJ	2 J	3.6 J	
SW8260	XYLENES, M & P	ug/kg	2.7 J	2.6 J	1.6 J	5.4 J	3.4 J	1 J	1.8 J	2.4 J	
SW8260	XYLENES, TOTAL	ug/kg	4.7 J	4.6 J	1.6 J	9.6 J	6.3 J	1 J	3.4 J	3.9 J	
SW8270	ACENAPHTHENE	ug/kg	11 UJ	11 UJ	7.9 UJ	9.3 UJ	9.7 UJ	7.76 J	7.5 UJ	7.73 J	
SW8270	ACENAPHTHYLENE	ug/kg	15 J	11 UJ	35.4 J	12.6 J	9.7 UJ	31.8 J	25.6 J	37.3 J	
SW8270	ANTHRACENE	ug/kg	19 J	11 UJ	31.6 J	9.3 UJ	9.7 UJ	38.6 J	32.7 J	34.5 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	27.2 J	15.6 J	90 J	22.4 J	9.7 UJ	87.1 J	55.4 J	81.8 J	
SW8270	BENZO(A)PYRENE	ug/kg	11 UJ	11 UJ	51.2 J	15.3 J	9.7 UJ	63.4 J	43.4 J	62.4 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	11 UJ	11 UJ	100 J	23.3 J	9.7 UJ	125 J	95.6 J	111 J	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	11 UJ	11 UJ	45.2 J	10.6 J	9.7 UJ	49.2 J	33.2 J	59.4 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	11 UJ	11 UJ	25.2 J	6.6 J	9.7 UJ	43.9 J	16.4 J	44.4 J	
SW8270	CHRYSENE	ug/kg	21.1 J	22.1 J	58.8 J	25.6 J	9.7 UJ	70.5 J	67 J	65.5 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	11 UJ	11 UJ	12.7 J	9.3 UJ	9.7 UJ	14.6 J	9.36 J	18 J	
SW8270	FLUORANTHENE	ug/kg	74.4 J	74.6 J	137 J	52 J	31.1 J	153 J	117 J	137 J	
SW8270	FLUORENE	ug/kg	27.7 J	11 UJ	18.6 J	9.3 UJ	9.7 UJ	59.6 J	49.5 J	30.4 J	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	11 UJ	11 UJ	44.5 J	9.94 J	9.7 UJ	47.7 J	33.1 J	54.8 J	
SW8270	PHENANTHRENE	ug/kg	91.7 J	44.2 J	64.2 J	22.8 J	15.8 J	77.1 J	63.6 J	64 J	
SW8270	PHENOL	ug/kg	3910 J	3520 J	1600 J	1300 J	1420 J	118 J	583 J	1280 J	
SW8270	PYRENE	ug/kg	86.2 J	71.2 J	164 J	61 J	22 J	176 J	143 J	158 J	
SW9045	pH	S.U.	11.82 J	11.84 J	11.69 J	11.87 J	12.05 J	7.59 J	9.48 J	11.02 J	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30103	OL-VC-30103	OL-VC-30103	OL-VC-30104	OL-VC-30104	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	4-5 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	OL-0866-13	
		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	JA24915	JA24915	JA24915	JA24915	JA24915	JA24915	JA24915	JA24915	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical 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	4540 J	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	30.2	24.8	26	40.9	42.1	41.1	34	25.7	
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	0.013 J	
SW8082	AROCOLOR-1016	ug/kg	11 UJ	13 UJ	13 UJ	8 UJ	7.8 UJ	8.1 UJ	9.7 UJ	13 UJ	
SW8082	AROCOLOR-1221	ug/kg	11 UJ	13 UJ	13 UJ	8 UJ	7.8 UJ	8.1 UJ	9.7 UJ	13 UJ	
SW8082	AROCOLOR-1232	ug/kg	11 UJ	13 UJ	13 UJ	8 UJ	7.8 UJ	8.1 UJ	9.7 UJ	13 UJ	
SW8082	AROCOLOR-1242	ug/kg	11 UJ	13 UJ	13 UJ	8 UJ	83.1 J	8.1 UJ	9.7 UJ	13 UJ	
SW8082	AROCOLOR-1248	ug/kg	11 UJ	13 UJ	13 UJ	8 UJ	7.8 UJ	8.1 UJ	9.7 UJ	13 UJ	
SW8082	AROCOLOR-1254	ug/kg	11 UJ	13 UJ	13 UJ	8 UJ	48.4 J	8.1 UJ	9.7 UJ	13 UJ	
SW8082	AROCOLOR-1260	ug/kg	11 UJ	13 UJ	13 UJ	8 UJ	14.5 J	8.1 UJ	9.7 UJ	13 UJ	
SW8082	AROCOLOR-1268	ug/kg	11 UJ	13 UJ	13 UJ	8 UJ	7.8 UJ	8.1 UJ	9.7 UJ	13 UJ	
SW8082	PCBS, N.O.S.	ug/kg	11 UJ	13 UJ	13 UJ	8 UJ	146 J	8.1 UJ	9.7 UJ	13 UJ	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	18 UJ	22 UJ	20 UJ	12 UJ		R	13 UJ	16 UJ	18 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	18 UJ	22 UJ	20 UJ	12 UJ		R	13 UJ	16 UJ	18 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	1.1 J	22 UJ	20 UJ	12 UJ	1.3 J	1.3 J	1 J	1.2 J	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	18 UJ	22 UJ	20 UJ	12 UJ		R	13 UJ	16 UJ	18 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	18 UJ	22 UJ	20 UJ	12 UJ	6.5 J	13 UJ	16 UJ	18 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	2.9 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	6.8 J	
SW8260	CHLOROBENZENE	ug/kg	18 UJ	22 UJ	20 UJ	1.9 J	8.9 J	13 UJ	16 UJ	18 UJ	
SW8260	ETHYLBENZENE	ug/kg	1.6 J	4.5 UJ	4.1 UJ	2.5 UJ	2.2 UJ	1.6 J	1.5 J	1.5 J	
SW8260	NAPHTHALENE	ug/kg	15.7 J	18.4 J	20.8 J	12 UJ	11 UJ	8.9 J	11 J	13 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	2.7 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	11.3 J	
SW8260	XYLENES, M & P	ug/kg	4.1 J	3.8 J	3.8 J	5 UJ	2.4 J	4.1 J	4.9 J	5.6 J	
SW8260	XYLENES, TOTAL	ug/kg	5.9 J	3.8 J	3.8 J	5 UJ	4.3 J	6.4 J	7.2 J	8.3 J	
SW8270	ACENAPHTHENE	ug/kg	9.3 UJ	11 UJ	11 UJ	7 UJ	6.7 UJ	6.9 UJ	8.4 UJ	14.7 J	
SW8270	ACENAPHTHYLENE	ug/kg	38.8 J	11 UJ	11 UJ	22.9 J	17.3 J	51.4 J	67.5 J	11 UJ	
SW8270	ANTHRACENE	ug/kg	36.5 J	11 UJ	11 UJ	28.1 J	25 J	43.8 J	47.4 J	67.2 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	151 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	80.3 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	102 J	11 UJ	11 UJ	131 J	82.6 J	123 J	136 J	107 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	54.3 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	57.4 J	
SW8270	CHRYSENE	ug/kg	102 J	14.6 J	11 UJ	61.1 J	48.8 J	82.1 J	101 J	85.9 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	16.6 J	
SW8270	FLUORANTHENE	ug/kg	159 J	40.2 J	27.1 J	131 J	96.3 J	164 J	192 J	267 J	
SW8270	FLUORENE	ug/kg	15.6 J	11 UJ	11 UJ	12.6 J	48.6 J	34.9 J	28.2 J	28.3 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	56 J	
SW8270	PHENANTHRENE	ug/kg	71.1 J	30.6 J	20 J	39.8 J	45.8 J	87.9 J	80 J	193 J	
SW8270	PHENOL	ug/kg	3580 J	4200 J	2770 J	70 UJ	676 J	722 J	2020 J	3120 J	
SW8270	PYRENE	ug/kg	203 J	42.3 J	23 J	135 J	108 J	208 J	253 J	207 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	11.88 J	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30104	OL-VC-30105-A	OL-VC-30105-A	OL-VC-30105	OL-VC-30105	OL-VC-30105	OL-VC-30105	OL-VC-30105
		Sample Depth	5-6 Ft	0.00-0.50 Ft	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	4.0-5.0 Ft
		Field Sample ID	OL-0866-14	OL-1029-14	OL-1029-15	OL-0840-06	OL-0840-07	OL-0840-08	OL-0840-09	OL-0840-10
		Sample Date	8/5/2009	9/25/2009	9/25/2009	7/23/2009	7/23/2009	7/23/2009	7/23/2009	7/23/2009
		Sample Delivery Group	JA24915	OLS09	OLS09	JA23890	JA23890	JA23890	JA23890	JA23890
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	8030 J			29500 J	21900 J	7760 J	9590 J	6290 J
SM2540G	PERCENT MOISTURE	%		57.2	53.7					
SM2540G	SOLIDS, PERCENT	%	24.3			44.5	28.2	30.3	36.7	36.5
SW7471	MERCURY	mg/kg	0.15 J	2.02 J	2.09 J	8.5 J	4.3 J	0.095 J	0.23 J	0.057 J
SW8082	AROCOLOR-1016	ug/kg	14 UJ			7.4 UJ	12 UJ	11 UJ	9 UJ	9.1 UJ
SW8082	AROCOLOR-1221	ug/kg	14 UJ			7.4 UJ	12 UJ	11 UJ	9 UJ	9.1 UJ
SW8082	AROCOLOR-1232	ug/kg	14 UJ			7.4 UJ	12 UJ	11 UJ	9 UJ	9.1 UJ
SW8082	AROCOLOR-1242	ug/kg	14 UJ			7.4 UJ	12 UJ	11 UJ	9 UJ	9.1 UJ
SW8082	AROCOLOR-1248	ug/kg	14 UJ			148 J	41.5 J	11 UJ	9 UJ	9.1 UJ
SW8082	AROCOLOR-1254	ug/kg	14 UJ			69.9 J	22.1 J	11 UJ	9 UJ	9.1 UJ
SW8082	AROCOLOR-1260	ug/kg	14 UJ			28.9 J	12 UJ	11 UJ	9 UJ	9.1 UJ
SW8082	AROCOLOR-1268	ug/kg	14 UJ			7.4 UJ	12 UJ	11 UJ	9 UJ	9.1 UJ
SW8082	PCBS, N.O.S.	ug/kg	14 UJ			247 J	63.6 J	11 UJ	9 UJ	9.1 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	22 UJ			11 UJ	16 UJ	18 UJ	14 UJ	14 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	22 UJ			11 UJ	16 UJ	18 UJ	14 UJ	14 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	22 UJ			11 UJ	16 UJ	18 UJ	14 UJ	14 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	22 UJ			11 UJ	16 UJ	18 UJ	14 UJ	14 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	22 UJ			1.2 J	1.7 J	18 UJ	14 UJ	14 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	3 J			3 J	3.7 J	18 UJ	14 UJ	14 UJ
SW8260	BENZENE	ug/kg	7.4 J			2.1 UJ	5.4 J	7.1 J	8.9 J	6 J
SW8260	CHLOROBENZENE	ug/kg	22 UJ			3.3 J	3 J	18 UJ	14 UJ	14 UJ
SW8260	ETHYLBENZENE	ug/kg	4.4 UJ			2.1 UJ	3.3 UJ	3.6 UJ	2.8 UJ	2.8 UJ
SW8260	NAPHTHALENE	ug/kg	15.4 J			11 UJ	4.3 J	9.6 J	12.9 J	12.6 J
SW8260	O-XYLENE	ug/kg	3.2 J			2.1 UJ	3.3 UJ	3.6 UJ	1.6 J	2.8 UJ
SW8260	TOLUENE	ug/kg	14.4 J			2.1 UJ	3.3 UJ	3.8 J	4.4 J	3.9 J
SW8260	XYLENES, M & P	ug/kg	7.3 J			4.2 UJ	6.6 UJ	7.2 UJ	2.3 J	5.6 UJ
SW8260	XYLENES, TOTAL	ug/kg	10.5 J			4.2 UJ	6.6 UJ	7.2 UJ	3.9 J	5.6 UJ
SW8270	ACENAPHTHENE	ug/kg	12 UJ			19.9 J	26.9 J	19 UJ	15 UJ	16 UJ
SW8270	ACENAPHTHYLENE	ug/kg	12 UJ			29.3 J	46.8 J	19 UJ	18.7 J	16 UJ
SW8270	ANTHRACENE	ug/kg	12.7 J			41.1 J	55.5 J	19.1 J	34 J	19 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	31.4 J			136 J	123 J	55.5 J	62.6 J	49.8 J
SW8270	BENZO(A)PYRENE	ug/kg	12 UJ			101 J	123 J	31.2 J	44.1 J	28.3 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	12 UJ			241 J	123 J	70.8 J	78.6 J	21.2 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	12 UJ			67.3 J	84.9 J	31.6 J	41.4 J	18.1 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	12 UJ			54.7 J	136 J	19.9 J	28.2 J	41.2 J
SW8270	CHRYSENE	ug/kg	23.2 J			135 J	205 J	54 J	64.1 J	38.7 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	12 UJ			31.1 J	43.2 J	19 UJ	22.5 J	16 UJ
SW8270	FLUORANTHENE	ug/kg	92.8 J			228 J	262 J	129 J	145 J	89.3 J
SW8270	FLUORENE	ug/kg	12 UJ			180 J	39.8 J	19 UJ	15 UJ	21.4 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	12 UJ			92.3 J	97.6 J	33.6 J	48 J	20 J
SW8270	PHENANTHRENE	ug/kg	43.1 J			85.2 J	217 J	80.4 J	118 J	70.6 J
SW8270	PHENOL	ug/kg	3310 J			64 UJ	3730 J	4810 J	5670 J	2870 J
SW8270	PYRENE	ug/kg	70.9 J			257 J	437 J	138 J	144 J	75.4 J
SW9045	pH	S.U.	12.01 J			7.94 J	10.14 J	11.12 J	11.14 J	11.47 J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30105	OL-VC-30105	OL-VC-30106-A	OL-VC-30106-A	OL-VC-30106	OL-VC-30106	OL-VC-30106	OL-VC-30106
		Sample Depth	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	2.0-3.0 Ft	3.0-4.0 Ft
		Field Sample ID	OL-0840-11	OL-0840-12	OL-1029-16	OL-1029-17	OL-0839-20	OL-0840-01	OL-0840-02	OL-0840-03
		Sample Date	7/23/2009	7/23/2009	9/25/2009	9/25/2009	7/23/2009	7/23/2009	7/23/2009	7/23/2009
		Sample Delivery Group	JA23890	JA23890	OLS09	OLS09	JA23889	JA23890	JA23890	JA23890
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Field duplicate	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%					36.7			
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	9550 J	6630 J			24000 J	45200 J	9300 J	10200 J
SM2540G	PERCENT MOISTURE	%			56.2	52.1				
SM2540G	SOLIDS, PERCENT	%	32.2	31.4				30.3	30.7	29.1
SW7471	MERCURY	mg/kg	0.18 J	0.21 J	2.7 J	2.69 J	2.4 J	10.4 J	1.8 J	0.34 J
SW8082	AROCOLOR-1016	ug/kg	10 UJ	11 UJ			9 UJ	11 UJ	11 UJ	11 UJ
SW8082	AROCOLOR-1221	ug/kg	10 UJ	11 UJ			9 UJ	11 UJ	11 UJ	11 UJ
SW8082	AROCOLOR-1232	ug/kg	10 UJ	11 UJ			9 UJ	11 UJ	11 UJ	11 UJ
SW8082	AROCOLOR-1242	ug/kg	10 UJ	11 UJ			9 UJ	11 UJ	11 UJ	11 UJ
SW8082	AROCOLOR-1248	ug/kg	10 UJ	11 UJ			39.2 J	91.3 J	11 UJ	11 UJ
SW8082	AROCOLOR-1254	ug/kg	10 UJ	11 UJ			12.1 J	70 J	11 UJ	11 UJ
SW8082	AROCOLOR-1260	ug/kg	10 UJ	11 UJ			9 UJ	18.9 J	11 UJ	11 UJ
SW8082	AROCOLOR-1268	ug/kg	10 UJ	11 UJ			9 UJ	11 UJ	11 UJ	11 UJ
SW8082	PCBS, N.O.S.	ug/kg	10 UJ	11 UJ			51.3 J	180 J	11 UJ	11 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	17 UJ	15 UJ			14 UJ	17 UJ	17 UJ	18 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	17 UJ	15 UJ			14 UJ	17 UJ	17 UJ	18 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	17 UJ	15 UJ			14 UJ	17 UJ	17 UJ	18 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	17 UJ	15 UJ			14 UJ	17 UJ	17 UJ	18 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	17 UJ	15 UJ			14 UJ	5.4 J	17 UJ	18 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	17 UJ	15 UJ			14 UJ	10.5 J	17 UJ	18 UJ
SW8260	BENZENE	ug/kg	7.7 J	7.1 J			2.7 UJ	3.8 J	7.4 J	9.6 J
SW8260	CHLOROBENZENE	ug/kg	17 UJ	15 UJ			14 UJ	9.7 J	17 UJ	18 UJ
SW8260	ETHYLBENZENE	ug/kg	3.4 UJ	3 UJ			2.7 UJ	3.3 UJ	3.3 UJ	3.6 UJ
SW8260	NAPHTHALENE	ug/kg	16 J	19.5 J			14 UJ	17 UJ	7 J	9.3 J
SW8260	O-XYLENE	ug/kg	3.4 UJ	1.5 J			2.7 UJ	2.9 J	3.3 UJ	3.6 UJ
SW8260	TOLUENE	ug/kg	4.7 J	5.4 J			2.7 UJ	3.3 UJ	3.2 J	4.4 J
SW8260	XYLENES, M & P	ug/kg	2.4 J	2.9 J			5.4 UJ	3.4 J	6.6 UJ	7.2 UJ
SW8260	XYLENES, TOTAL	ug/kg	2.4 J	4.4 J			5.4 UJ	6.3 J	6.6 UJ	7.2 UJ
SW8270	ACENAPHTHENE	ug/kg	18 UJ	18 UJ			16 UJ	20.3 J	19 UJ	20 UJ
SW8270	ACENAPHTHYLENE	ug/kg	18 UJ	18 UJ			25.3 J	31.6 J	19 UJ	20 UJ
SW8270	ANTHRACENE	ug/kg	25.1 J	26.8 J			30.2 J	42.9 J	19 UJ	20 UJ
SW8270	BENZO(A)ANTHRACENE	ug/kg	55.9 J	56.3 J			78.8 J	102 J	26.7 J	37.3 J
SW8270	BENZO(A)PYRENE	ug/kg	36 J	42.2 J			81.6 J	90.5 J	19 UJ	26.5 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	69 J	68.3 J			196 J	118 J	19 UJ	56.7 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	34.5 J	29.6 J			57.9 J	76 J	19 UJ	24.1 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	18 UJ	27.5 J			41 J	91.5 J	19 UJ	9.25 J
SW8270	CHRYSENE	ug/kg	45.7 J	64.1 J			80.3 J	157 J	17.9 J	32.9 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	23.4 J	18 UJ			17.8 J	36.1 J	19 UJ	20 UJ
SW8270	FLUORANTHENE	ug/kg	106 J	127 J			153 J	203 J	63.4 J	90.9 J
SW8270	FLUORENE	ug/kg	29.1 J	20.8 J			33 J	132 J	19 UJ	34.8 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	41.3 J	31.1 J			66.9 J	93.2 J	19 UJ	24.1 J
SW8270	PHENANTHRENE	ug/kg	95.4 J	85.1 J			52.8 J	140 J	26.8 J	48.7 J
SW8270	PHENOL	ug/kg	5020 J	2350 J			78 UJ	3060 J	6250 J	6950 J
SW8270	PYRENE	ug/kg	97.1 J	119 J			170 J	281 J	55 J	87 J
SW9045	pH	S.U.	11.15 J	11.57 J			8.3 J	9.36 J	10.86 J	11.01 J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30106	OL-VC-30106	OL-VC-30107-A	OL-VC-30107-A	OL-VC-30107	OL-VC-30107	OL-VC-30107	OL-VC-30107	OL-VC-30107
		Sample Depth	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	1.0-2.0 Ft	1.0-2.0 Ft	2.0-3.0 Ft
		Field Sample ID	OL-0840-04	OL-0840-05	OL-1029-12	OL-1029-13	OL-0839-01	OL-0839-02	OL-0839-03	OL-0839-04	
		Sample Date	7/23/2009	7/23/2009	9/25/2009	9/25/2009	7/23/2009	7/23/2009	7/23/2009	7/23/2009	
		Sample Delivery Group	JA23890	JA23890	OLS09	OLS09	JA23889	JA23889	JA23889	JA23889	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	10300 J	9510 J	30600 J	42500 J	38700 J	24200 J	26000 J	14300 J	
SM2540G	PERCENT MOISTURE	%			61.4	64.6					
SM2540G	SOLIDS, PERCENT	%	35.4	28			35.7	39.4	37.1	34.9	
SW7471	MERCURY	mg/kg	0.22 J	0.082 J	1.65 J	13 J	17.4 J	10.8 J	4.2 J	0.55 J	
SW8082	AROCOR-1016	ug/kg	9.3 UJ	12 UJ	110 UJ	120 UJ	9.3 UJ	8.4 UJ	8.9 UJ	9.4 UJ	
SW8082	AROCOR-1221	ug/kg	9.3 UJ	12 UJ	110 UJ	120 UJ	9.3 UJ	8.4 UJ	8.9 UJ	9.4 UJ	
SW8082	AROCOR-1232	ug/kg	9.3 UJ	12 UJ	110 UJ	120 UJ	9.3 UJ	8.4 UJ	8.9 UJ	9.4 UJ	
SW8082	AROCOR-1242	ug/kg	9.3 UJ	12 UJ	110 UJ	120 UJ	9.3 UJ	8.4 UJ	8.9 UJ	9.4 UJ	
SW8082	AROCOR-1248	ug/kg	9.3 UJ	12 UJ	390 J	1500 J	123 J	30.2 J	116 J	9.4 UJ	
SW8082	AROCOR-1254	ug/kg	9.3 UJ	12 UJ	310 J	980 J	65.6 J	46.4 J	111 J	9.4 UJ	
SW8082	AROCOR-1260	ug/kg	9.3 UJ	12 UJ	130 J	490 J	21.1 J	21.5 J	49.6 J	9.4 UJ	
SW8082	AROCOR-1268	ug/kg	9.3 UJ	12 UJ	110 UJ	120 UJ	9.3 UJ	8.4 UJ	8.9 UJ	9.4 UJ	
SW8082	PCBS, N.O.S.	ug/kg	9.3 UJ	12 UJ	840 J	2900 J	210 J	98 J	277 J	9.4 UJ	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	14 UJ	18 UJ	13 UJ	14 UJ	14 UJ	12 UJ	13 UJ	15 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	14 UJ	18 UJ	13 UJ	14 UJ	14 UJ	12 UJ	13 UJ	15 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	14 UJ	18 UJ	13 UJ	9 J	14 UJ	12 UJ	13 UJ	15 UJ	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	14 UJ	18 UJ	13 UJ	8 J	14 UJ	12 UJ	13 UJ	15 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	14 UJ	18 UJ	5 J	61 J	4.9 J	12 UJ	13 UJ	15 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	14 UJ	18 UJ	14 J	96 J	9.6 J	12 UJ	13 UJ	15 UJ	
SW8260	BENZENE	ug/kg	6.4 J	8.2 J	13 UJ	2 J	2.9 UJ	4.7 J	4.7 J	9.2 J	
SW8260	CHLOROBENZENE	ug/kg	14 UJ	18 UJ	8 J	45 J	6.5 J	12 UJ	13 UJ	15 UJ	
SW8260	ETHYLBENZENE	ug/kg	2.7 UJ	3.6 UJ	13 UJ	14 UJ	2.9 UJ	2.4 UJ	2.7 UJ	3 UJ	
SW8260	NAPHTHALENE	ug/kg	9.5 J	16.9 J	13 UJ	4 J	11 J	4.1 J	13 UJ	5.7 J	
SW8260	O-XYLENE	ug/kg	2.7 UJ	3.6 UJ	13 UJ	9 J	2.9 UJ	2.4 UJ	1.7 J	3 UJ	
SW8260	TOLUENE	ug/kg	3.4 J	4.8 J	13 UJ	14 UJ	2.9 UJ	2.4 UJ	2.7 UJ	3.2 J	
SW8260	XYLENES, M & P	ug/kg	5.4 UJ	7.1 UJ	13 UJ	12 J	5.7 UJ	4.7 UJ	5.4 UJ	6 UJ	
SW8260	XYLENES, TOTAL	ug/kg	5.4 UJ	7.1 UJ	13 UJ	21 J	5.7 UJ	4.7 UJ	1.7 J	6 UJ	
SW8270	ACENAPHTHENE	ug/kg	16 UJ	20 UJ	40 J	200 J	29.9 J	14 UJ	15 UJ	16 UJ	
SW8270	ACENAPHTHYLENE	ug/kg	27.2 J	20 UJ	37 J	67 J	62.2 J	38.8 J	45.6 J	16 UJ	
SW8270	ANTHRACENE	ug/kg	33.2 J	20 UJ	74 J	170 J	99.2 J	52.7 J	63.3 J	15.8 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	87.4 J	26.9 J	370 J	590 J	157 J	106 J	123 J	38.3 J	
SW8270	BENZO(A)PYRENE	ug/kg	72.8 J	15.6 J	440 J	580 J	114 J	88.9 J	108 J	25.8 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	128 J	25.6 J	750 J	950 J	124 J	213 J	270 J	55.9 J	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	58.2 J	20 UJ	260 J	340 J	95.1 J	64 J	72.7 J	25.8 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	38.1 J	9.79 J	230 J	270 J	112 J	19.8 J	26.5 J	18.1 J	
SW8270	CHRYSENE	ug/kg	94.7 J	20.6 J	490 J	820 J	217 J	116 J	107 J	35.2 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	30.3 J	20 UJ	56 J	91 J	34.3 J	19.7 J	22.6 J	14.6 J	
SW8270	FLUORANTHENE	ug/kg	151 J	60.1 J	840 J	1400 J	380 J	207 J	249 J	88 J	
SW8270	FLUORENE	ug/kg	35.9 J	13.8 J	56 J	200 J	391 J	82.3 J	101 J	17.7 J	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	65.8 J	20 UJ	260 J	320 J	85.3 J	63.8 J	74.3 J	24.1 J	
SW8270	PHENANTHRENE	ug/kg	106 J	45.8 J	310 J	760 J	255 J	124 J	147 J	43.4 J	
SW8270	PHENOL	ug/kg	5110 J	5430 J	170 UJ	190 UJ	80 UJ	737 J	946 J	5040 J	
SW8270	PYRENE	ug/kg	197 J	47.5 J	930 J	1600 J	389 J	279 J	333 J	98.5 J	
SW9045	pH	S.U.	11.25 J	11.42 J	8.1 J	8.23 J	8.37 J	9.68 J	9.04 J	10.71 J	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30107	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	3.0-4.0 Ft	4.0-5.0 Ft	5.0-6.0 Ft	0-1 Ft	1-2 Ft	2-3 Ft	2-3 Ft	3-4 Ft	
		Field Sample ID	OL-0839-05	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	7/23/2009	8/3/2009	8/3/2009	8/3/2009	8/3/2009	8/3/2009	
		Sample Delivery Group	JA23889	JA23889	JA23889	JA24640	JA24640	JA24640	JA24640	JA24640	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	3800 J	6660 J	8260 J	3510 J	3490 J	1810 J	5360 J	5510 J	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	29.1	28.1	34.6	25.8	25.7	23.7	27.2	29.5	
SW7471	MERCURY	mg/kg	0.043 UJ	0.039 UJ	0.11 J	0.114 J	0.077 J	0.16 J	0.091 J	0.043 UJ	
SW8082	AROCOR-1016	ug/kg	11 UJ	12 UJ	9.6 UJ	13 UJ	13 UJ	14 UJ	12 UJ	11 UJ	
SW8082	AROCOR-1221	ug/kg	11 UJ	12 UJ	9.6 UJ	13 UJ	13 UJ	14 UJ	12 UJ	11 UJ	
SW8082	AROCOR-1232	ug/kg	11 UJ	12 UJ	9.6 UJ	13 UJ	13 UJ	14 UJ	12 UJ	11 UJ	
SW8082	AROCOR-1242	ug/kg	11 UJ	12 UJ	9.6 UJ	13 UJ	13 UJ	14 UJ	12 UJ	11 UJ	
SW8082	AROCOR-1248	ug/kg	11 UJ	12 UJ	9.6 UJ	13 UJ	13 UJ	14 UJ	12 UJ	11 UJ	
SW8082	AROCOR-1254	ug/kg	11 UJ	12 UJ	9.6 UJ	13 UJ	13 UJ	14 UJ	12 UJ	11 UJ	
SW8082	AROCOR-1260	ug/kg	11 UJ	12 UJ	9.6 UJ	13 UJ	13 UJ	14 UJ	12 UJ	11 UJ	
SW8082	AROCOR-1268	ug/kg	11 UJ	12 UJ	9.6 UJ	13 UJ	13 UJ	14 UJ	12 UJ	11 UJ	
SW8082	PCBS, N.O.S.	ug/kg	11 UJ	12 UJ	9.6 UJ	13 UJ	13 UJ	14 UJ	12 UJ	11 UJ	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	17 UJ	19 UJ	15 UJ	20 UJ	19 UJ	22 UJ	18 UJ	17 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	17 UJ	19 UJ	15 UJ	20 UJ	19 UJ	22 UJ	18 UJ	2.2 J	
SW8260	1,2-DICHLOROBENZENE	ug/kg	17 UJ	19 UJ	15 UJ	20 UJ	19 UJ	22 UJ	18 UJ	1.4 J	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	17 UJ	19 UJ	15 UJ	20 UJ	19 UJ	22 UJ	18 UJ	2.1 J	
SW8260	1,3-DICHLOROBENZENE	ug/kg	17 UJ	19 UJ	15 UJ	20 UJ	19 UJ	22 UJ	18 UJ	17 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	17 UJ	19 UJ	15 UJ	20 UJ	19 UJ	22 UJ	1.4 J	2.1 J	
SW8260	BENZENE	ug/kg	9.3 J	12.7 J	7.8 J	38.9 J	85.9 J	111 J	98.6 J	109 J	
SW8260	CHLOROBENZENE	ug/kg	17 UJ	19 UJ	15 UJ	20 UJ	19 UJ	22 UJ	18 UJ	1.6 J	
SW8260	ETHYLBENZENE	ug/kg	3.4 UJ	3.8 UJ	3.1 UJ	4 UJ	3.7 UJ	4.4 UJ	3.7 UJ	1.6 J	
SW8260	NAPHTHALENE	ug/kg	8.3 J	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	3.4 UJ	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	3.9 J	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	6.7 UJ	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	6.7 UJ	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	20 UJ	16 UJ	11 UJ	11 UJ	12 UJ	10 UJ	9.5 UJ	
SW8270	ACENAPHTHYLENE	ug/kg	20 UJ	20 UJ	16 UJ	11 UJ	11 UJ	12 UJ	10 UJ	9.5 UJ	
SW8270	ANTHRACENE	ug/kg	20 UJ	20 UJ	14.7 J	11 UJ	11 UJ	12 UJ	10 UJ	9.5 UJ	
SW8270	BENZO(A)ANTHRACENE	ug/kg	34.6 J	23.1 J	43.1 J	11 UJ	11 UJ	12 UJ	10 UJ	9.5 UJ	
SW8270	BENZO(A)PYRENE	ug/kg	15.7 J	12.1 J	24.4 J	11 UJ	11 UJ	12 UJ	10 UJ	9.5 UJ	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	28.4 J	16.9 J	53 J	11 UJ	11 UJ	12 UJ	10 UJ	9.5 UJ	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	15.9 J	13.8 J	27.4 J	11 UJ	11 UJ	12 UJ	10 UJ	9.5 UJ	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	13.1 J	9.58 J	14.5 J	11 UJ	11 UJ	12 UJ	10 UJ	9.5 UJ	
SW8270	CHRYSENE	ug/kg	16.6 J	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	20 UJ	16 UJ	11 UJ	11 UJ	12 UJ	10 UJ	9.5 UJ	
SW8270	FLUORANTHENE	ug/kg	57.3 J	36 J	109 J	46.4 J	31.8 J	16.6 J	15.2 J	25 J	
SW8270	FLUORENE	ug/kg	15.2 J	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	17.5 J	15.5 J	28.3 J	11 UJ	11 UJ	12 UJ	10 UJ	9.5 UJ	
SW8270	PHENANTHRENE	ug/kg	34.3 J	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	11500 J	12100 J	7980 J	1010 J	855 J	803 J	679 J	703 J	
SW8270	PYRENE	ug/kg	65 J	41.6 J	107 J	52 J	30.6 J	14.2 J	12.9 J	24.3 J	
SW9045	pH	S.U.	11.14 J	11.37 J	9.97 J	11.74 J	11.84 J	11.93 J	11.92 J	11.96 J	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30108	OL-VC-30108	OL-VC-30108	OL-VC-30108	OL-VC-30109	OL-VC-30109	OL-VC-30109	OL-VC-30109
		Sample Depth	4-5 Ft	5-6 Ft	6-7 Ft	7-8 Ft	0-1 Ft	1-2 Ft	2-3 Ft	2-3 Ft
		Field Sample ID	OL-0860-12	OL-0860-13	OL-0860-14	OL-0860-15	OL-0865-01	OL-0865-02	OL-0865-03	OL-0865-04
		Sample Date	8/3/2009	8/3/2009	8/3/2009	8/3/2009	8/5/2009	8/5/2009	8/5/2009	8/5/2009
		Sample Delivery Group	JA24640	JA24640	JA24640	JA24640	JA24914	JA24914	JA24914	JA24914
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Field duplicate
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	3840 J	1790 J	9650 J	6940 J	12500 J	5760 J	1680 J	1960 J
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	27.8	30.6	33.8	31.7	40.6	19.6	29.5	26.9
SW7471	MERCURY	mg/kg	0.08 J	0.076 J	0.059 J	0.056 J	0.14 J	0.058 UJ	0.064 J	0.044 UJ
SW8082	AROCOLOR-1016	ug/kg	12 UJ	11 UJ	9.7 UJ	10 UJ	8.2 UJ	17 UJ	11 UJ	12 UJ
SW8082	AROCOLOR-1221	ug/kg	12 UJ	11 UJ	9.7 UJ	10 UJ	8.2 UJ	17 UJ	11 UJ	12 UJ
SW8082	AROCOLOR-1232	ug/kg	12 UJ	11 UJ	9.7 UJ	10 UJ	8.2 UJ	17 UJ	11 UJ	12 UJ
SW8082	AROCOLOR-1242	ug/kg	12 UJ	11 UJ	9.7 UJ	10 UJ	8.2 UJ	17 UJ	11 UJ	12 UJ
SW8082	AROCOLOR-1248	ug/kg	12 UJ	11 UJ	9.7 UJ	10 UJ	8.2 UJ	17 UJ	11 UJ	12 UJ
SW8082	AROCOLOR-1254	ug/kg	12 UJ	11 UJ	9.7 UJ	10 UJ	8.2 UJ	17 UJ	11 UJ	12 UJ
SW8082	AROCOLOR-1260	ug/kg	12 UJ	11 UJ	9.7 UJ	10 UJ	8.2 UJ	17 UJ	11 UJ	12 UJ
SW8082	AROCOLOR-1268	ug/kg	12 UJ	11 UJ	9.7 UJ	10 UJ	8.2 UJ	17 UJ	11 UJ	12 UJ
SW8082	PCBS, N.O.S.	ug/kg	12 UJ	11 UJ	9.7 UJ	10 UJ	8.2 UJ	17 UJ	11 UJ	12 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	19 UJ	18 UJ	16 UJ	17 UJ	13 UJ	25 UJ	15 UJ	19 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	19 UJ	18 UJ	16 UJ	17 UJ	13 UJ	25 UJ	15 UJ	19 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	19 UJ	18 UJ	16 UJ	17 UJ	1.2 J	25 UJ	0.96 J	19 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	19 UJ	18 UJ	16 UJ	17 UJ	13 UJ	25 UJ	15 UJ	19 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	19 UJ	18 UJ	16 UJ	17 UJ	13 UJ	25 UJ	15 UJ	19 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	1.6 J	18 UJ	16 UJ	1.3 J	13 UJ	25 UJ	15 UJ	19 UJ
SW8260	BENZENE	ug/kg	174 J	105 J	108 J	170 J	38.3 J	70.4 J	39.4 J	43.6 J
SW8260	CHLOROBENZENE	ug/kg	1.4 J	18 UJ	16 UJ	17 UJ	13 UJ	25 UJ	1.4 J	1.5 J
SW8260	ETHYLBENZENE	ug/kg	1.9 J	3.6 UJ	3.2 UJ	3.4 UJ	2.5 J	3.1 J	1.7 J	1.7 J
SW8260	NAPHTHALENE	ug/kg	83.5 J	43.9 J	38 J	60.3 J	86.9 J	116 J	67 J	73.5 J
SW8260	O-XYLENE	ug/kg	9.8 J	3.9 J	3.6 J	6 J	9.9 J	10.1 J	5.5 J	6 J
SW8260	TOLUENE	ug/kg	20.9 J	9.4 J	8 J	12.2 J	24 J	30 J	18.1 J	19.9 J
SW8260	XYLENES, M & P	ug/kg	21.3 J	6.2 J	5.8 J	9.9 J	24.2 J	19.7 J	10.5 J	10.5 J
SW8260	XYLENES, TOTAL	ug/kg	31.1 J	10.1 J	9.4 J	15.9 J	34.1 J	29.8 J	16 J	16.5 J
SW8270	ACENAPHTHENE	ug/kg	10 UJ	9.3 UJ	8.4 UJ	8.9 UJ	24.1 J	36.7 J	24.5 J	22.2 J
SW8270	ACENAPHTHYLENE	ug/kg	10 UJ	9.3 UJ	8.4 UJ	8.9 UJ	58 J	15 UJ	9.7 UJ	11 UJ
SW8270	ANTHRACENE	ug/kg	10 UJ	9.3 UJ	8.4 UJ	23.3 J	65.2 J	27.9 J	61.4 J	44.5 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	21.4 J	9.3 UJ	8.4 UJ	40.2 J	137 J	15 UJ	11.2 J	11 UJ
SW8270	BENZO(A)PYRENE	ug/kg	25.4 J	9.3 UJ	8.4 UJ	28.1 J	78.3 J	15 UJ	9.7 UJ	11 UJ
SW8270	BENZO(B)FLUORANTHENE	ug/kg	39.9 J	9.3 UJ	8.4 UJ	46.6 J	134 J	15 UJ	9.7 UJ	11 UJ
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	17.7 J	9.3 UJ	8.4 UJ	22.5 J	64.2 J	15 UJ	9.7 UJ	11 UJ
SW8270	BENZO(K)FLUORANTHENE	ug/kg	17.2 J	9.3 UJ	8.4 UJ	24.8 J	54.9 J	15 UJ	9.7 UJ	11 UJ
SW8270	CHRYSENE	ug/kg	21.4 J	9.3 UJ	8.4 UJ	29.5 J	78 J	15 UJ	9.06 J	11 UJ
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	10 UJ	9.3 UJ	8.4 UJ	8.9 UJ	16.1 J	15 UJ	9.7 UJ	11 UJ
SW8270	FLUORANTHENE	ug/kg	61.3 J	28.3 J	21.8 J	128 J	220 J	61.9 J	76.3 J	40.5 J
SW8270	FLUORENE	ug/kg	10 UJ	9.3 UJ	8.4 UJ	8.9 UJ	260 J	65.2 J	15.6 J	21 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	14.8 J	9.3 UJ	8.4 UJ	20.9 J	53.7 J	15 UJ	9.7 UJ	11 UJ
SW8270	PHENANTHRENE	ug/kg	36.3 J	25.3 J	25.9 J	94.8 J	300 J	206 J	341 J	234 J
SW8270	PHENOL	ug/kg	592 J	664 J	676 J	574 J	1510 J	2900 J	1040 J	1290 J
SW8270	PYRENE	ug/kg	52.6 J	21.8 J	15.6 J	105 J	328 J	61.3 J	91 J	45.1 J
SW9045	pH	S.U.	11.93 J	11.99 J	11.99 J	11.96 J	11.73 J	12.13 J	12.14 J	12.11 J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30109	OL-VC-30109	OL-VC-30109	OL-VC-30109	OL-VC-30109	OL-VC-30110	OL-VC-30110	OL-VC-30110
		Sample Depth	3-4 Ft	4-5 Ft	5-6 Ft	6-7 Ft	7-8 Ft	0-1 Ft	1-2 Ft	2-3 Ft
		Field Sample ID	OL-0865-05	OL-0865-06	OL-0865-07	OL-0865-08	OL-0865-09	OL-0863-16	OL-0863-17	OL-0863-18
		Sample Date	8/5/2009	8/5/2009	8/5/2009	8/5/2009	8/5/2009	8/4/2009	8/4/2009	8/4/2009
		Sample Delivery Group	JA24914	JA24914	JA24914	JA24914	JA24914	JA24770	JA24770	JA24770
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	1300 J	2480 J	2580 J	2640 J	5950 J	3480 J	11000 J	11500 J
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	33.1	26.2	24.3	35.3	28.8	30	26.5	20.8
SW7471	MERCURY	mg/kg	0.14 J	0.18 J	0.18 J	0.086 J	0.13 J	0.098 J	0.13 J	0.14 J
SW8082	AROCOR-1016	ug/kg	10 UJ	13 UJ	14 UJ	9.4 UJ	11 UJ	11 UJ	13 UJ	16 UJ
SW8082	AROCOR-1221	ug/kg	10 UJ	13 UJ	14 UJ	9.4 UJ	11 UJ	11 UJ	13 UJ	16 UJ
SW8082	AROCOR-1232	ug/kg	10 UJ	13 UJ	14 UJ	9.4 UJ	11 UJ	11 UJ	13 UJ	16 UJ
SW8082	AROCOR-1242	ug/kg	10 UJ	13 UJ	14 UJ	9.4 UJ	11 UJ	11 UJ	13 UJ	16 UJ
SW8082	AROCOR-1248	ug/kg	10 UJ	13 UJ	14 UJ	9.4 UJ	11 UJ	11 UJ	13 UJ	16 UJ
SW8082	AROCOR-1254	ug/kg	10 UJ	13 UJ	14 UJ	9.4 UJ	11 UJ	11 UJ	13 UJ	16 UJ
SW8082	AROCOR-1260	ug/kg	10 UJ	13 UJ	14 UJ	9.4 UJ	11 UJ	11 UJ	13 UJ	16 UJ
SW8082	AROCOR-1268	ug/kg	10 UJ	13 UJ	14 UJ	9.4 UJ	11 UJ	11 UJ	13 UJ	16 UJ
SW8082	PCBS, N.O.S.	ug/kg	10 UJ	13 UJ	14 UJ	9.4 UJ	11 UJ	11 UJ	13 UJ	16 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	16 UJ	19 UJ	23 UJ	14 UJ	17 UJ	42 UJ	1500 UJ	2100 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	16 UJ	19 UJ	23 UJ	14 UJ	17 UJ	42 UJ	1500 UJ	2100 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	16 UJ	1.5 J	23 UJ	14 UJ	1.6 J	42 UJ	1500 UJ	2100 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	16 UJ	19 UJ	23 UJ	14 UJ	17 UJ	42 UJ	1500 UJ	2100 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	16 UJ	19 UJ	23 UJ	14 UJ	17 UJ	42 UJ	1500 UJ	2100 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	16 UJ	19 UJ	23 UJ	1.7 J	1.9 J	42 UJ	1500 UJ	2100 UJ
SW8260	BENZENE	ug/kg	28.9 J	40.5 J	32.5 J	30 J	45.6 J	4540 J	8010 J	15900 J
SW8260	CHLOROBENZENE	ug/kg	1.3 J	1.9 J	1.9 J	14 UJ	2.7 J	42 UJ	1500 UJ	2100 UJ
SW8260	ETHYLBENZENE	ug/kg	1.4 J	2.3 J	4.6 UJ	1.9 J	2 J	5.6 J	310 UJ	410 UJ
SW8260	NAPHTHALENE	ug/kg	61.7 J	96.1 J	70.1 J	96.6 J	112 J	176 J	1500 UJ	1800 J
SW8260	O-XYLENE	ug/kg	4.3 J	7.4 J	6.1 J	7.9 J	11.5 J	34.8 J	310 UJ	410 UJ
SW8260	TOLUENE	ug/kg	13.5 J	19.9 J	15.5 J	14.4 J	17.4 J	518 J	2010 J	3960 J
SW8260	XYLENES, M & P	ug/kg	7.4 J	11.5 J	8.7 J	11.9 J	15.2 J	83.5 J	165 J	238 J
SW8260	XYLENES, TOTAL	ug/kg	11.7 J	18.9 J	14.8 J	19.8 J	26.7 J	118 J	165 J	238 J
SW8270	ACENAPHTHENE	ug/kg	16.2 J	17.8 J	12 UJ	8.1 UJ	9.9 UJ	9.5 UJ	11 UJ	28.8 J
SW8270	ACENAPHTHYLENE	ug/kg	11.4 J	11 UJ	12 UJ	8.1 UJ	9.9 UJ	9.5 UJ	14.4 J	15 J
SW8270	ANTHRACENE	ug/kg	79.4 J	35.4 J	29.5 J	14.6 J	9.9 UJ	23.5 J	62.6 J	46.1 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	38.8 J	33.2 J	26.6 J	39.6 J	9.9 UJ	29.8 J	83.8 J	45.3 J
SW8270	BENZO(A)PYRENE	ug/kg	11.6 J	15.6 J	12.9 J	21.1 J	9.9 UJ	17.8 J	54.9 J	24.4 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	17.8 J	25.3 J	19.7 J	47.7 J	9.9 UJ	31.4 J	95.8 J	45.2 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	8.6 UJ	11 UJ	12 UJ	14.5 J	9.9 UJ	9.5 UJ	33.4 J	20.3 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	6.66 J	9.84 J	7.5 J	12.1 J	9.9 UJ	8.82 J	32.9 J	16.2 J
SW8270	CHRYSENE	ug/kg	32 J	24.2 J	16.2 J	21.9 J	9.9 UJ	21.3 J	58.3 J	46 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	8.6 UJ	11 UJ	12 UJ	8.1 UJ	9.9 UJ	9.5 UJ	11 UJ	14 UJ
SW8270	FLUORANTHENE	ug/kg	135 J	105 J	89.8 J	94.2 J	34.9 J	97.9 J	212 J	120 J
SW8270	FLUORENE	ug/kg	8.6 UJ	11 UJ	12 UJ	8.1 UJ	9.9 UJ	22.5 J	41.1 J	115 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	8.6 UJ	11 UJ	12 UJ	11.1 J	9.9 UJ	9.5 UJ	30 J	15.9 J
SW8270	PHENANTHRENE	ug/kg	323 J	153 J	88.2 J	80.4 J	32.5 J	117 J	242 J	249 J
SW8270	PHENOL	ug/kg	778 J	1060 J	1390 J	1130 J	1480 J	780 J	877 J	1390 J
SW8270	PYRENE	ug/kg	178 J	121 J	107 J	114 J	38.3 J	80.7 J	197 J	155 J
SW9045	pH	S.U.	12.14 J	12.08 J	11.93 J	11.96 J	11.94 J	11.71 J	11.73 J	11.75 J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30110	OL-VC-30110	OL-VC-30110	OL-VC-30110	OL-VC-30110	OL-VC-30110	OL-VC-30111	OL-VC-30111	OL-VC-30111
		Sample Depth	3-4 Ft	4-5 Ft	5-6 Ft	6-7 Ft	7-8.2 Ft	0-1 Ft	1-2 Ft	2-3 Ft	
		Field Sample ID	OL-0863-19	OL-0863-20	OL-0864-01	OL-0864-02	OL-0864-03	OL-0871-14	OL-0871-15	OL-0871-16	
		Sample Date	8/4/2009	8/4/2009	8/4/2009	8/4/2009	8/4/2009	8/6/2009	8/6/2009	8/6/2009	
		Sample Delivery Group	JA24770	JA24770	JA24771	JA24771	JA24771	JA25059	JA25059	JA25059	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%			32.9	31	25.5				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	8360 J	5830 J	3840 J	2060 J	1870 J	7770 J	13800	9060	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	37.5	34				45.2	58.6	54.9	
SW7471	MERCURY	mg/kg	0.059 J	0.18 J	0.096 J	0.12 J	0.16 J	0.091 J	0.019 U	0.016 U	
SW8082	AROCOLOR-1016	ug/kg	8.9 UJ	9.7 UJ	10 UJ	11 UJ	13 UJ	7.4 UJ	5.7 U	6 U	
SW8082	AROCOLOR-1221	ug/kg	8.9 UJ	9.7 UJ	10 UJ	11 UJ	13 UJ	7.4 UJ	5.7 U	6 U	
SW8082	AROCOLOR-1232	ug/kg	8.9 UJ	9.7 UJ	10 UJ	11 UJ	13 UJ	7.4 UJ	5.7 U	6 U	
SW8082	AROCOLOR-1242	ug/kg	8.9 UJ	9.7 UJ	10 UJ	11 UJ	13 UJ	7.4 UJ	5.7 U	6 U	
SW8082	AROCOLOR-1248	ug/kg	8.9 UJ	9.7 UJ	10 UJ	11 UJ	13 UJ	7.4 UJ	5.7 U	6 U	
SW8082	AROCOLOR-1254	ug/kg	8.9 UJ	9.7 UJ	10 UJ	11 UJ	13 UJ	7.4 UJ	5.7 U	6 U	
SW8082	AROCOLOR-1260	ug/kg	8.9 UJ	9.7 UJ	10 UJ	11 UJ	13 UJ	7.4 UJ	5.7 U	6 U	
SW8082	AROCOLOR-1268	ug/kg	8.9 UJ	9.7 UJ	10 UJ	11 UJ	13 UJ	7.4 UJ	5.7 U	6 U	
SW8082	PCBS, N.O.S.	ug/kg	8.9 UJ	9.7 UJ	10 UJ	11 UJ	13 UJ	7.4 UJ	5.7 U	6 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	1000 UJ	1100 UJ	1300 UJ	1400 UJ	1700 UJ	11 UJ	9.5 U	9.7 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	1000 UJ	1100 UJ	1300 UJ	1400 UJ	1700 UJ	11 UJ	9.5 U	9.7 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	1000 UJ	1100 UJ	1300 UJ	1400 UJ	1700 UJ	11 UJ	9.5 U	9.7 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	1000 UJ	1100 UJ	1300 UJ	1400 UJ	1700 UJ	11 UJ	9.5 UJ	9.7 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	1000 UJ	1100 UJ	1300 UJ	1400 UJ	1700 UJ	11 UJ	9.5 U	9.7 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	1000 UJ	1100 UJ	1300 UJ	1400 UJ	1700 UJ	11 UJ	9.5 U	9.7 U	
SW8260	BENZENE	ug/kg	9910 J	14300 J	11800 J	11500 J	13300 J	1390 J	589	370	
SW8260	CHLOROBENZENE	ug/kg	1000 UJ	1100 UJ	1300 UJ	1400 UJ	1700 UJ	11 UJ	9.5 U	9.7 U	
SW8260	ETHYLBENZENE	ug/kg	210 UJ	230 UJ	250 UJ	270 UJ	340 UJ	4.9 J	0.95 J	1.9 U	
SW8260	NAPHTHALENE	ug/kg	1370 J	2820 J	1380 J	1320 J	1700 UJ	44.1 J	9.5 U	9.7 U	
SW8260	O-XYLENE	ug/kg	151 J	377 J	124 J	270 UJ	340 UJ	6.7 J	1 J	1.9 U	
SW8260	TOLUENE	ug/kg	3280 J	6430 J	3250 J	2770 J	2290 J	49.7 J	13.4	4.3	
SW8260	XYLENES, M & P	ug/kg	312 J	726 J	242 J	150 J	680 UJ	12.1 J	1.3 J	3.9 U	
SW8260	XYLENES, TOTAL	ug/kg	463 J	1100 J	366 J	150 J	680 UJ	18.8 J	2.3 J	3.9 U	
SW8270	ACENAPHTHENE	ug/kg	51.7 J	132 J	8.7 UJ	9.2 UJ	11 UJ	6.3 UJ	4.9 U	5.2 U	
SW8270	ACENAPHTHYLENE	ug/kg	20.2 J	254 J	9.38 J	9.2 UJ	11 UJ	18.2 J	12.3	5.2 U	
SW8270	ANTHRACENE	ug/kg	55.5 J	377 J	12.6 J	9.2 UJ	11 UJ	23.2 J	14	5.2 U	
SW8270	BENZO(A)ANTHRACENE	ug/kg	54.9 J	501 J	27.1 J	9.2 UJ	24.4 J	48 J	22.4	5.2 U	
SW8270	BENZO(A)PYRENE	ug/kg	23.6 J	275 J	8.7 UJ	9.2 UJ	11 UJ	28.2 J	11.5	5.2 U	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	56.5 J	365 J	8.7 UJ	9.2 UJ	11 UJ	58 J	17.8	5.2 U	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	15.2 J	149 J	8.7 UJ	9.2 UJ	11 UJ	23.2 J	7.51	5.2 U	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	12.1 J	88 J	8.7 UJ	9.2 UJ	11 UJ	19.2 J	4.15 J	5.2 U	
SW8270	CHRYSENE	ug/kg	46.8 J	389 J	12.7 J	9.2 UJ	7.8 J	58.1 J	16.9	5.2 U	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	7.6 UJ	42.5 J	8.7 UJ	9.2 UJ	11 UJ	8.43 J	4.9 U	5.2 U	
SW8270	FLUORANTHENE	ug/kg	137 J	844 J	34.7 J	21.6 J	44.7 J	112 J	23.4	5.2 U	
SW8270	FLUORENE	ug/kg	138 J	327 J	11.8 J	9.2 UJ	11 UJ	32.6 J	26.8	5.2 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	13 J	118 J	8.7 UJ	9.2 UJ	11 UJ	23.2 J	8.37	5.2 U	
SW8270	PHENANTHRENE	ug/kg	318 J	1210 J	56.7 J	21.7 J	45.6 J	75.8 J	17	5.2 U	
SW8270	PHENOL	ug/kg	769 J	1060 J	918 J	827 J	1780 J	3730 J	3140	4080	
SW8270	PYRENE	ug/kg	166 J	1250 J	41.4 J	17.2 J	33.8 J	116 J	33.9	5.2 U	
SW9045	pH	S.U.	11.71 J	11.66 J	11.76 J	11.79 J	11.77 J	8.71 J	7.6	6.86	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30111	OL-VC-30111	OL-VC-30111	OL-VC-30111	OL-VC-30112	OL-VC-30112	OL-VC-30112	OL-VC-30112
		Sample Depth	3-4 Ft	4-5 Ft	5-6 Ft	6-7.1 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft
		Field Sample ID	OL-0871-17	OL-0871-18	OL-0871-19	OL-0871-20	OL-0862-20	OL-0863-01	OL-0863-02	OL-0863-03
		Sample Date	8/6/2009	8/6/2009	8/6/2009	8/6/2009	8/4/2009	8/4/2009	8/4/2009	8/4/2009
		Sample Delivery Group	JA25059	JA25059	JA25059	JA25059	JA24769	JA24770	JA24770	JA24770
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	14300	18000	23200	11800	4520 J	8260	13800	46200
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	57.5	52.1	53.9	52.3	39.9	56	53.3	61.7
SW7471	MERCURY	mg/kg	0.018 U	0.021 U	0.02 U	0.02 U	0.033 J	0.12	0.024 U	0.021 U
SW8082	AROCOLOR-1016	ug/kg	5.7 U	6.4 U	6.1 U	6.4 U	8.3 UJ	6 U	6.2 U	5.4 U
SW8082	AROCOLOR-1221	ug/kg	5.7 U	6.4 U	6.1 U	6.4 U	8.3 UJ	6 U	6.2 U	5.4 U
SW8082	AROCOLOR-1232	ug/kg	5.7 U	6.4 U	6.1 U	6.4 U	8.3 UJ	6 U	6.2 U	5.4 U
SW8082	AROCOLOR-1242	ug/kg	5.7 U	6.4 U	6.1 U	6.4 U	8.3 UJ	6 U	6.2 U	5.4 U
SW8082	AROCOLOR-1248	ug/kg	5.7 U	27.5	6.1 U	6.4 U	8.3 UJ	6 U	6.2 U	5.4 U
SW8082	AROCOLOR-1254	ug/kg	5.7 U	38.3	6.1 U	6.4 U	8.3 UJ	6 U	6.2 U	5.4 U
SW8082	AROCOLOR-1260	ug/kg	5.7 U	25	6.1 U	6.4 U	8.3 UJ	6 U	6.2 U	5.4 U
SW8082	AROCOLOR-1268	ug/kg	5.7 U	6.4 U	6.1 U	6.4 U	8.3 UJ	6 U	6.2 U	5.4 U
SW8082	PCBS, N.O.S.	ug/kg	5.7 U	90.8	6.1 U	6.4 U	8.3 UJ	6 U	6.2 U	5.4 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	17 U	19 U	650 U	670 U	13 UJ	41 U	21 U	18 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	17 U	19 U	650 U	670 U	13 UJ	41 U	21 U	18 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	17 U	19 U	650 U	670 U	13 UJ	41 U	21 U	18 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	17 U	19 U	650 U	670 U	13 UJ	41 U	21 U	18 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	17 U	19 U	650 U	670 U	13 UJ	41 U	21 U	18 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	17 U	19 U	650 U	670 U	13 UJ	41 U	21 U	18 U
SW8260	BENZENE	ug/kg	491	738	3450	5310	3170 J	6460	2370	2470
SW8260	CHLOROBENZENE	ug/kg	17 U	19 U	650 U	670 U	13 UJ	41 U	21 U	18 U
SW8260	ETHYLBENZENE	ug/kg	3.5 U	3.8 U	130 U	130 U	18.5 J	23	5	1.6 J
SW8260	NAPHTHALENE	ug/kg	17 U	19 U	650 U	670 U	1700 J	524	79	12.5 J
SW8260	O-XYLENE	ug/kg	3.5 U	3.8 U	130 U	130 U	86.8 J	101	20.9	3.1 J
SW8260	TOLUENE	ug/kg	2.9 J	1.4 J	130 U	130 U	345 J	16.5	2.4 J	91.3
SW8260	XYLENES, M & P	ug/kg	7 U	7.7 U	260 U	270 U	305 J	340	65.6	7 J
SW8260	XYLENES, TOTAL	ug/kg	7 U	7.7 U	260 U	270 U	392 J	441	86.5	10.1
SW8270	ACENAPHTHENE	ug/kg	4.9 U	5.4 U	5.3 U	5.4 U	7.1 UJ	6.45 J	5.4 U	4.6 U
SW8270	ACENAPHTHYLENE	ug/kg	4.9 U	5.4 U	5.3 U	5.4 U	7.1 UJ	30.9	6.28	4.6 U
SW8270	ANTHRACENE	ug/kg	4.9 U	5.4 U	5.3 U	5.4 U	12.5 J	49.1	11.7	4.6 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.9 U	5.4 U	5.3 U	5.4 U	23 J	126	36.3	4.6 U
SW8270	BENZO(A)PYRENE	ug/kg	4.9 U	5.4 U	5.3 U	5.4 U	15.1 J	85.9	27.2	4.6 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.9 U	5.4 U	5.3 U	5.4 U	26.7 J	143	41.4	4.6 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.9 U	5.4 U	5.3 U	5.4 U	9.52 J	66.8	17.9	4.6 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.9 U	5.4 U	5.3 U	5.4 U	8.8 J	40.9	15.4	4.6 U
SW8270	CHRYSENE	ug/kg	4.9 U	5.4 U	5.3 U	5.4 U	14.5 J	85.2	22.9	4.6 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.9 U	5.4 U	5.3 U	5.4 U	7.1 UJ	16.7	5.4 U	4.6 U
SW8270	FLUORANTHENE	ug/kg	4.9 U	5.4 U	5.3 U	5.4 U	33.6 J	145	38.5	4.6 U
SW8270	FLUORENE	ug/kg	4.9 U	5.4 U	5.3 U	5.4 U	23.2 J	77.1	18.6	4.6 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.9 U	5.4 U	5.3 U	5.4 U	10.3 J	56.7	15.7	4.6 U
SW8270	PHENANTHRENE	ug/kg	4.9 U	5.4 U	5.3 U	5.4 U	53.8 J	164	37.8	4.6 U
SW8270	PHENOL	ug/kg	3680	5010	4610	5010	388 J	51 U	54 U	46 U
SW8270	PYRENE	ug/kg	4.9 U	5.4 U	5.3 U	5.4 U	29.9 J	185	47.1	4.6 U
SW9045	pH	S.U.	6.7	6.82	6.7	6.78	11 J	8.78	7.98	7.58

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30112	OL-VC-30112	OL-VC-30112	OL-VC-30113	OL-VC-30113	OL-VC-30113	OL-VC-30113	OL-VC-30113	OL-VC-30113
		Sample Depth	4-5 Ft	5-6 Ft	6-7 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	
		Field Sample ID	OL-0863-04	OL-0863-05	OL-0863-06	OL-0863-07	OL-0863-08	OL-0863-09	OL-0863-10	OL-0863-11	
		Sample Date	8/4/2009	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	JA24770	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	13900	12400	31400	6420 J	8180	19700	5850 J	12000	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	55.3	53.5	53.9	26.3	56.6	58.6	62.3	56	
SW7471	MERCURY	mg/kg	0.021 U	0.023 U	0.023 U	0.064 J	0.1	0.02 U	0.02 U	0.022 U	
SW8082	AROCOLOR-1016	ug/kg	6 U	6.2 U	6.2 U	13 UJ	5.8 U	5.7 U	5.3 U	5.9 U	
SW8082	AROCOLOR-1221	ug/kg	6 U	6.2 U	6.2 U	13 UJ	5.8 U	5.7 U	5.3 U	5.9 U	
SW8082	AROCOLOR-1232	ug/kg	6 U	6.2 U	6.2 U	13 UJ	5.8 U	5.7 U	5.3 U	5.9 U	
SW8082	AROCOLOR-1242	ug/kg	6 U	6.2 U	6.2 U	13 UJ	5.8 U	5.7 U	5.3 U	5.9 U	
SW8082	AROCOLOR-1248	ug/kg	6 U	6.2 U	6.2 U	13 UJ	5.8 U	5.7 U	5.3 U	5.9 U	
SW8082	AROCOLOR-1254	ug/kg	6 U	6.2 U	6.2 U	13 UJ	5.8 U	5.7 U	5.3 U	5.9 U	
SW8082	AROCOLOR-1260	ug/kg	6 U	6.2 U	6.2 U	13 UJ	5.8 U	5.7 U	5.3 U	5.9 U	
SW8082	AROCOLOR-1268	ug/kg	6 U	6.2 U	6.2 U	13 UJ	5.8 U	5.7 U	5.3 U	5.9 U	
SW8082	PCBS, N.O.S.	ug/kg	6 U	6.2 U	6.2 U	13 UJ	5.8 U	5.7 U	5.3 U	5.9 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	15 U	22 U	17 U	38 UJ	18 U	19 U	17 U	18 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	15 U	22 U	17 U	38 UJ	18 U	19 U	17 U	18 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	15 U	22 U	17 U	38 UJ	18 U	19 U	17 U	18 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	15 U	22 U	17 U	38 UJ	18 U	19 U	17 UJ	18 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	15 U	22 U	17 U	38 UJ	18 U	19 U	17 U	18 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	15 U	22 U	17 U	38 UJ	18 U	19 U	1.2 J	18 U	
SW8260	BENZENE	ug/kg	2860	3230	2840	18100 J	8580	4000	3400	4110	
SW8260	CHLOROBENZENE	ug/kg	15 U	22 U	17 U	38 UJ	1.5 J	19 U	3.4 J	1.4 J	
SW8260	ETHYLBENZENE	ug/kg	1.9 J	3.6 J	3.5	153 J	130	22.9	4.2	2 J	
SW8260	NAPHTHALENE	ug/kg	15 U	22 U	17 U	776 J	313	61.4	13.9 J	18 U	
SW8260	O-XYLENE	ug/kg	4.4	10.8	10.9	769 J	636	129	17.4	7.1	
SW8260	TOLUENE	ug/kg	370	734	357	10600 J	5680	2310	1090	503	
SW8260	XYLENES, M & P	ug/kg	5.7 J	14.3	14.7	1860 J	1360	294	37	14	
SW8260	XYLENES, TOTAL	ug/kg	10.1	25.1	25.6	2630 J	2000	423	54.4	21.1	
SW8270	ACENAPHTHENE	ug/kg	5.2 U	5.3 U	5.3 U	11 UJ	5 U	4.8 U	4.6 U	5.1 U	
SW8270	ACENAPHTHYLENE	ug/kg	5.2 U	5.3 U	5.3 U	11 UJ	22.1	5.99	4.6 U	5.1 U	
SW8270	ANTHRACENE	ug/kg	5.2 U	5.3 U	5.3 U	58.6 J	47.6	14.6	4.6 U	5.1 U	
SW8270	BENZO(A)ANTHRACENE	ug/kg	5.2 U	5.3 U	5.3 U	96.8 J	62.5	24.3	4.6 U	5.1 U	
SW8270	BENZO(A)PYRENE	ug/kg	5.2 U	5.3 U	5.3 U	48.4 J	33.2	12	4.6 U	5.1 U	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5.2 U	5.3 U	5.3 U	82.9 J	56.5	19.8	4.6 U	5.1 U	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5.2 U	5.3 U	5.3 U	27.4 J	32.3	10.1	4.6 U	5.1 U	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.2 U	5.3 U	5.3 U	32.5 J	19.7	7.43	4.6 U	5.1 U	
SW8270	CHRYSENE	ug/kg	5.2 U	5.3 U	5.3 U	52.6 J	48	14.6	4.6 U	5.1 U	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.2 U	5.3 U	5.3 U	10.4 J	8.94	4.8 U	4.6 U	5.1 U	
SW8270	FLUORANTHENE	ug/kg	5.2 U	5.3 U	5.3 U	219 J	115	40.5	4.6 U	5.1 U	
SW8270	FLUORENE	ug/kg	5.2 U	5.3 U	5.3 U	24.5 J	117	36.7	4.6 U	5.1 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5.2 U	5.3 U	5.3 U	25.8 J	25.7	8.1	4.6 U	5.1 U	
SW8270	PHENANTHRENE	ug/kg	5.2 U	5.3 U	5.3 U	251 J	140	48	4.6 U	5.1 U	
SW8270	PHENOL	ug/kg	52 U	53 U	53 U	2510 J	627	285	46 U	51 U	
SW8270	PYRENE	ug/kg	5.2 U	5.3 U	5.3 U	183 J	143	49.8	4.6 U	5.1 U	
SW9045	pH	S.U.	7.13	7.17	7.15	10.37 J	7.95	7.43	7.13	6.96	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30113	OL-VC-30113	OL-VC-30113	OL-VC-30113	OL-VC-30114-A	OL-VC-30114-A	OL-VC-30114	OL-VC-30114
		Sample Depth	4-5 Ft	5-6 Ft	6-7 Ft	7-8 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-0863-12	OL-0863-13	OL-0863-14	OL-0863-15	OL-1031-04	OL-1031-05	OL-0839-14	OL-0839-15
		Sample Date	8/4/2009	8/4/2009	8/4/2009	8/4/2009	9/28/2009	9/28/2009	7/23/2009	7/23/2009
		Sample Delivery Group	JA24770	JA24770	JA24770	JA24770	OLS11	OLS11	JA23889	JA23889
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Field duplicate	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	8570	14200	19400	16400			36200 J	19100 J
SM2540G	PERCENT MOISTURE	%					56.7	60.6		
SM2540G	SOLIDS, PERCENT	%	54.9	56.7	56	52.5			41.7	43.8
SW7471	MERCURY	mg/kg	0.022 U	0.022 U	0.021 U	0.024 U	3.83 J	25.3 J	5.6 J	0.93 J
SW8082	AROCOLOR-1016	ug/kg	6.1 U	5.8 U	5.9 U	6.2 U			7.9 UJ	7.6 UJ
SW8082	AROCOLOR-1221	ug/kg	6.1 U	5.8 U	5.9 U	6.2 U			7.9 UJ	7.6 UJ
SW8082	AROCOLOR-1232	ug/kg	6.1 U	5.8 U	5.9 U	6.2 U			7.9 UJ	7.6 UJ
SW8082	AROCOLOR-1242	ug/kg	6.1 U	5.8 U	5.9 U	6.2 U			7.9 UJ	7.6 UJ
SW8082	AROCOLOR-1248	ug/kg	6.1 U	5.8 U	5.9 U	6.2 U			38.2 J	86 J
SW8082	AROCOLOR-1254	ug/kg	6.1 U	5.8 U	5.9 U	6.2 U			24.4 J	96.6 J
SW8082	AROCOLOR-1260	ug/kg	6.1 U	5.8 U	5.9 U	6.2 U			11 J	69.5 J
SW8082	AROCOLOR-1268	ug/kg	6.1 U	5.8 U	5.9 U	6.2 U			7.9 UJ	7.6 UJ
SW8082	PCBS, N.O.S.	ug/kg	6.1 U	5.8 U	5.9 U	6.2 U			73.6 J	252 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	590 U	610 U	600 U	24 U			11 UJ	12 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	590 U	610 U	600 U	24 U			11 UJ	12 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	590 U	610 U	600 U	24 U			11 UJ	12 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	590 U	610 U	600 U	24 U			11 UJ	12 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	590 U	610 U	600 U	24 U			3.2 J	12 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	590 U	610 U	600 U	24 U			6.4 J	1.6 J
SW8260	BENZENE	ug/kg	3380	5030	4640	2160			2.2 UJ	11.3 J
SW8260	CHLOROBENZENE	ug/kg	590 U	610 U	600 U	24 U			4.8 J	12 UJ
SW8260	ETHYLBENZENE	ug/kg	120 U	120 U	120 U	4.8 U			2.2 UJ	2.4 UJ
SW8260	NAPHTHALENE	ug/kg	590 U	610 U	600 U	24 U			11 UJ	3.6 J
SW8260	O-XYLENE	ug/kg	120 U	120 U	120 U	4.8 U			2.2 UJ	2.4 UJ
SW8260	TOLUENE	ug/kg	654	922	908	148			2.2 UJ	2.4 UJ
SW8260	XYLENES, M & P	ug/kg	240 U	240 U	240 U	9.5 U			4.4 UJ	4.8 UJ
SW8260	XYLENES, TOTAL	ug/kg	240 U	240 U	240 U	9.5 U			4.4 UJ	4.8 UJ
SW8270	ACENAPHTHENE	ug/kg	5.2 U	5 U	5.1 U	5.4 U			14 UJ	13 UJ
SW8270	ACENAPHTHYLENE	ug/kg	5.2 U	5 U	5.1 U	5.4 U			25.6 J	31.6 J
SW8270	ANTHRACENE	ug/kg	5.2 U	5 U	5.1 U	5.4 U			35.4 J	46.9 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	5.2 U	5 U	5.1 U	5.4 U			106 J	92.1 J
SW8270	BENZO(A)PYRENE	ug/kg	5.2 U	5 U	5.1 U	5.4 U			84.9 J	69.9 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5.2 U	5 U	5.1 U	5.4 U			170 J	141 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5.2 U	5 U	5.1 U	5.4 U			55.5 J	39.7 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.2 U	5 U	5.1 U	5.4 U			35.9 J	42.8 J
SW8270	CHRYSENE	ug/kg	5.2 U	5 U	5.1 U	5.4 U			65.7 J	72.8 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.2 U	5 U	5.1 U	5.4 U			17.4 J	13.8 J
SW8270	FLUORANTHENE	ug/kg	5.2 U	5 U	5.1 U	5.4 U			149 J	163 J
SW8270	FLUORENE	ug/kg	5.2 U	5 U	5.1 U	5.4 U			41.9 J	63 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5.2 U	5 U	5.1 U	5.4 U			58.5 J	42.3 J
SW8270	PHENANTHRENE	ug/kg	5.2 U	5 U	5.1 U	5.4 U			57.7 J	98.3 J
SW8270	PHENOL	ug/kg	52 U	50 U	51 U	54 U			81.5 J	840 J
SW8270	PYRENE	ug/kg	5.2 U	5 U	5.1 U	5.4 U			166 J	202 J
SW9045	pH	S.U.	6.84	6.88	6.88	6.77			8.09 J	10.13 J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		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	2-3 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-0857-07
		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
		Sample Delivery Group	JA23889	JA23889	JA23889	JA23889	JA24578	JA24578	JA24578	JA24578
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical 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	7370 J
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	31.6	31	26.8		38.4	37.7	45.4	32.3
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	0.31 J
SW8082	AROCOR-1016	ug/kg	10 UJ	11 UJ	12 UJ	12 UJ	8.7 UJ	8.8 UJ	7.3 UJ	10 UJ
SW8082	AROCOR-1221	ug/kg	10 UJ	11 UJ	12 UJ	12 UJ	8.7 UJ	8.8 UJ	7.3 UJ	10 UJ
SW8082	AROCOR-1232	ug/kg	10 UJ	11 UJ	12 UJ	12 UJ	8.7 UJ	8.8 UJ	7.3 UJ	10 UJ
SW8082	AROCOR-1242	ug/kg	10 UJ	11 UJ	12 UJ	12 UJ	8.7 UJ	8.8 UJ	7.3 UJ	10 UJ
SW8082	AROCOR-1248	ug/kg	10 UJ	11 UJ	12 UJ	12 UJ	8.7 UJ	30.1 J	7.3 UJ	10 UJ
SW8082	AROCOR-1254	ug/kg	10 UJ	11 UJ	12 UJ	12 UJ	166 J	19.1 J	7.3 UJ	10 UJ
SW8082	AROCOR-1260	ug/kg	10 UJ	11 UJ	12 UJ	12 UJ	53.2 J	8.8 UJ	7.3 UJ	10 UJ
SW8082	AROCOR-1268	ug/kg	10 UJ	11 UJ	12 UJ	12 UJ	8.7 UJ	8.8 UJ	7.3 UJ	10 UJ
SW8082	PCBS, N.O.S.	ug/kg	10 UJ	11 UJ	12 UJ	12 UJ	219 J	49.2 J	7.3 UJ	10 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	16 UJ	16 UJ	19 UJ	18 UJ	12 UJ	13 UJ	12 UJ	17 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	16 UJ	16 UJ	19 UJ	18 UJ	12 UJ	13 UJ	12 UJ	17 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	16 UJ	16 UJ	19 UJ	18 UJ	2.4 J	13 UJ	12 UJ	17 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	16 UJ	16 UJ	19 UJ	18 UJ	4.6 J	13 UJ	12 UJ	17 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	16 UJ	16 UJ	19 UJ	18 UJ	6.9 J	13 UJ	12 UJ	17 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	16 UJ	16 UJ	19 UJ	18 UJ	13 J	0.94 J	12 UJ	1.4 J
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	9 J
SW8260	CHLOROBENZENE	ug/kg	16 UJ	16 UJ	19 UJ	18 UJ	5.7 J	13 UJ	12 UJ	17 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	1.2 J
SW8260	NAPHTHALENE	ug/kg	9.5 J	16.9 J	16.9 J	16.3 J	12 UJ	17.3 J	10.3 J	66.8 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	2.2 J
SW8260	TOLUENE	ug/kg	2.2 J	2.8 J	3.3 J	3 J	9 J	1.9 J	1.6 J	3.1 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	3.6 J
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	5.8 J
SW8270	ACENAPHTHENE	ug/kg	18 UJ	18 UJ	21 UJ	20 UJ	37 J	30.8 J	37.7 J	62.9 J
SW8270	ACENAPHTHYLENE	ug/kg	26.1 J	18 UJ	21 UJ	20 UJ	147 J	57.7 J	63.3 J	73.4 J
SW8270	ANTHRACENE	ug/kg	55.4 J	19.8 J	21 UJ	20 UJ	211 J	66.4 J	76.7 J	86.2 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	132 J	37.9 J	30.1 J	20.2 J	288 J	152 J	150 J	153 J
SW8270	BENZO(A)PYRENE	ug/kg	78.2 J	20.1 J	10.8 J	20 UJ	278 J	126 J	137 J	85.4 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	150 J	36.5 J	21.2 J	20 UJ	303 J	237 J	249 J	129 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	47.2 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	47.6 J
SW8270	CHRYSENE	ug/kg	91.5 J	25.2 J	13.1 J	4.51 J	340 J	108 J	154 J	148 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	16.7 J
SW8270	FLUORANTHENE	ug/kg	228 J	78.5 J	49.1 J	40.9 J	708 J	259 J	285 J	267 J
SW8270	FLUORENE	ug/kg	42.6 J	18 UJ	21 UJ	20 UJ	138 J	88.6 J	97.3 J	84.5 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	47.2 J
SW8270	PHENANTHRENE	ug/kg	140 J	81.4 J	36.4 J	53.8 J	393 J	147 J	152 J	358 J
SW8270	PHENOL	ug/kg	4730 J	4690 J	4230 J	3790 J	74 UJ	775 J	557 J	3060 J
SW8270	PYRENE	ug/kg	265 J	71.5 J	44.2 J	34.3 J	742 J	319 J	354 J	337 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	11.08 J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30115	OL-VC-30115	OL-VC-30115	OL-VC-30116	OL-VC-30116	OL-VC-30116	OL-VC-30116	OL-VC-30116	OL-VC-30116
		Sample Depth	3-4 Ft	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-0857-08	OL-0857-09	OL-0857-10	OL-0857-11	OL-0857-12	OL-0857-13	OL-0857-14	OL-0857-15	
		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	JA24578	JA24578	JA24578	JA24578	JA24578	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	4820 J	4110 J	5030 J	36400 J	24300 J	8180 J	22800 J	26000 J	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	28	34.2	36.3	44	39	45.2	42.3	40.1	
SW7471	MERCURY	mg/kg	0.22 J	0.09 J	0.1 J	12.4 J	7 J	0.66 J	0.53 J	0.067 J	
SW8082	AROCOLOR-1016	ug/kg	12 UJ	9.7 UJ	9.2 UJ	7.5 UJ	8.4 UJ	7.4 UJ	7.9 UJ	8.1 UJ	
SW8082	AROCOLOR-1221	ug/kg	12 UJ	9.7 UJ	9.2 UJ	7.5 UJ	8.4 UJ	7.4 UJ	7.9 UJ	8.1 UJ	
SW8082	AROCOLOR-1232	ug/kg	12 UJ	9.7 UJ	9.2 UJ	7.5 UJ	8.4 UJ	7.4 UJ	7.9 UJ	8.1 UJ	
SW8082	AROCOLOR-1242	ug/kg	12 UJ	9.7 UJ	9.2 UJ	7.5 UJ	8.4 UJ	7.4 UJ	7.9 UJ	8.1 UJ	
SW8082	AROCOLOR-1248	ug/kg	12 UJ	9.7 UJ	9.2 UJ	262 J	8.4 UJ	11.5 J	7.9 UJ	8.1 UJ	
SW8082	AROCOLOR-1254	ug/kg	12 UJ	9.7 UJ	9.2 UJ	122 J	63.8 J	13.3 J	7.9 UJ	8.1 UJ	
SW8082	AROCOLOR-1260	ug/kg	12 UJ	9.7 UJ	9.2 UJ	35.8 J	47.1 J	7.4 UJ	7.9 UJ	8.1 UJ	
SW8082	AROCOLOR-1268	ug/kg	12 UJ	9.7 UJ	9.2 UJ	7.5 UJ	8.4 UJ	7.4 UJ	7.9 UJ	8.1 UJ	
SW8082	PCBS, N.O.S.	ug/kg	12 UJ	9.7 UJ	9.2 UJ	420 J	111 J	24.9 J	7.9 UJ	8.1 UJ	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	17 UJ	16 UJ	13 UJ	890 UJ	1000 UJ	860 UJ	1900 UJ	1000 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	17 UJ	16 UJ	13 UJ	72.4 J	1000 UJ	860 UJ	1900 UJ	1000 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	17 UJ	16 UJ	13 UJ	179 J	1000 UJ	860 UJ	1900 UJ	1000 UJ	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	17 UJ	16 UJ	13 UJ	67.8 J	1000 UJ	860 UJ	1900 UJ	1000 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	17 UJ	16 UJ	13 UJ	137 J	1000 UJ	860 UJ	1900 UJ	1000 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	1.1 J	1.4 J	1.3 J	601 J	1000 UJ	860 UJ	1900 UJ	1000 UJ	
SW8260	BENZENE	ug/kg	9 J	10.1 J	7.5 J	50600 J	25800 J	23500 J	25000 J	15300 J	
SW8260	CHLOROBENZENE	ug/kg	17 UJ	16 UJ	13 UJ	91.5 J	1000 UJ	860 UJ	1900 UJ	1000 UJ	
SW8260	ETHYLBENZENE	ug/kg	3.4 UJ	1.5 J	1.7 J	112 J	135 J	258 J	311 J	164 J	
SW8260	NAPHTHALENE	ug/kg	74.1 J	155 J	204 J	1100 J	19900 J	25900 J	29700 J	4150 J	
SW8260	O-XYLENE	ug/kg	2.1 J	3.3 J	3.6 J	207 J	330 J	802 J	1050 J	670 J	
SW8260	TOLUENE	ug/kg	3.3 J	4.5 J	4.1 J	1010 J	28200 J	34100 J	34500 J	13500 J	
SW8260	XYLENES, M & P	ug/kg	3.2 J	5 J	6.1 J	483 J	746 J	1410 J	1920 J	1540 J	
SW8260	XYLENES, TOTAL	ug/kg	5.3 J	8.3 J	9.7 J	690 J	1080 J	2210 J	2970 J	2210 J	
SW8270	ACENAPHTHENE	ug/kg	36.6 J	17.7 J	9.52 J	16.5 J	21.7 J	12 J	6.8 UJ	11.1 J	
SW8270	ACENAPHTHYLENE	ug/kg	13.4 J	8.4 UJ	8.5 J	40.5 J	93.7 J	110 J	208 J	82.6 J	
SW8270	ANTHRACENE	ug/kg	80.8 J	21.6 J	17.8 J	70.8 J	108 J	120 J	235 J	66 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	87.6 J	25.8 J	29.7 J	133 J	225 J	152 J	281 J	53.3 J	
SW8270	BENZO(A)PYRENE	ug/kg	39.6 J	15.4 J	13.5 J	102 J	184 J	85.4 J	123 J	17.6 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	70.4 J	24.6 J	22.6 J	216 J	339 J	163 J	266 J	32.9 J	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	19.3 J	8.64 J	7.62 J	62.3 J	92.3 J	43.1 J	60.1 J	9.99 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	28 J	10.9 J	8.69 J	85.5 J	114 J	51.8 J	51.5 J	12.9 J	
SW8270	CHRYSENE	ug/kg	69.1 J	21.5 J	27.8 J	126 J	189 J	133 J	162 J	35.3 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	10 UJ	8.4 UJ	7.9 UJ	19.6 J	29.5 J	17 J	35.2 J	7.1 UJ	
SW8270	FLUORANTHENE	ug/kg	410 J	83.4 J	83.1 J	257 J	409 J	273 J	75.1 J	109 J	
SW8270	FLUORENE	ug/kg	58.4 J	25.2 J	23.3 J	267 J	259 J	39.1 J	894 J	245 J	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	21 J	8.44 J	7.55 J	64 J	93.2 J	45.3 J	80 J	12.7 J	
SW8270	PHENANTHRENE	ug/kg	584 J	178 J	64.3 J	173 J	261 J	368 J	643 J	208 J	
SW8270	PHENOL	ug/kg	3080 J	2610 J	1440 J	65 UJ	1480 J	1320 J	1140 J	842 J	
SW8270	PYRENE	ug/kg	297 J	67.2 J	68.6 J	291 J	450 J	409 J	440 J	95 J	
SW9045	pH	S.U.	11.43 J	11.51 J	11.47 J	7.89 J	10.4 J	10.44 J	10.37 J	9.5 J	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30116	OL-VC-30117-A	OL-VC-30117-A	OL-VC-30117	OL-VC-30117	OL-VC-30117	OL-VC-30117	OL-VC-30117
		Sample Depth	5-6 Ft	0.00-0.50 Ft	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	4.0-5.0 Ft
		Field Sample ID	OL-0857-16	OL-1031-06	OL-1031-07	OL-0837-01	OL-0837-02	OL-0837-03	OL-0837-04	OL-0837-05
		Sample Date	7/31/2009	9/28/2009	9/28/2009	7/22/2009	7/22/2009	7/22/2009	7/22/2009	7/22/2009
		Sample Delivery Group	JA24578	OLS11	OLS11	JA23768	JA23768	JA23768	JA23768	JA23768
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	9410 J	58700 J	43000 J	59700 J	3060 J	4730 J	3290 J	7870 J
SM2540G	PERCENT MOISTURE	%		67.2	65.1					
SM2540G	SOLIDS, PERCENT	%	41.3			31.6	34.5	31.8	33	35
SW7471	MERCURY	mg/kg	0.19 J	27.4 J	11.6 J	13.4 J	0.24 J	0.078 J	0.077 J	0.046 J
SW8082	AROCOLOR-1016	ug/kg	8.1 UJ	520 UJ	24 UJ	10 UJ	9.5 UJ	10 UJ	10 UJ	9.5 UJ
SW8082	AROCOLOR-1221	ug/kg	8.1 UJ	520 UJ	24 UJ	10 UJ	9.5 UJ	10 UJ	10 UJ	9.5 UJ
SW8082	AROCOLOR-1232	ug/kg	8.1 UJ	520 UJ	24 UJ	10 UJ	9.5 UJ	10 UJ	10 UJ	9.5 UJ
SW8082	AROCOLOR-1242	ug/kg	8.1 UJ	520 UJ	24 UJ	10 UJ	9.5 UJ	10 UJ	10 UJ	9.5 UJ
SW8082	AROCOLOR-1248	ug/kg	8.1 UJ	2000 J	79 J	2150 J	9.5 UJ	10 UJ	10 UJ	9.5 UJ
SW8082	AROCOLOR-1254	ug/kg	8.1 UJ	1700 J	190 J	644 J	9.5 UJ	10 UJ	10 UJ	9.5 UJ
SW8082	AROCOLOR-1260	ug/kg	8.1 UJ	590 J	92 J	219 J	9.5 UJ	10 UJ	10 UJ	9.5 UJ
SW8082	AROCOLOR-1268	ug/kg	8.1 UJ	520 UJ	24 UJ	10 UJ	9.5 UJ	10 UJ	10 UJ	9.5 UJ
SW8082	PCBS, N.O.S.	ug/kg	8.1 UJ	4300 J	360 J	3010 J	9.5 UJ	10 UJ	10 UJ	9.5 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	960 UJ	16 UJ	15 UJ	14 UJ	60 UJ	49 UJ	15 UJ	60 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	960 UJ	16 UJ	15 UJ	14 UJ	60 UJ	49 UJ	15 UJ	60 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	960 UJ	20 J	5 J	2 J	60 UJ	49 UJ	15 UJ	60 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	960 UJ	24 J	15 UJ	14 UJ	60 UJ	49 UJ	15 UJ	60 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	960 UJ	34 J	15 UJ	3.2 J	60 UJ	49 UJ	15 UJ	60 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	960 UJ	67 J	10 J	7.3 J	60 UJ	49 UJ	15 UJ	60 UJ
SW8260	BENZENE	ug/kg	18800 J	330 J	360 J	193 J	1500 J	1750 J	1230 J	1820 J
SW8260	CHLOROBENZENE	ug/kg	960 UJ	19 J	3 J	4.5 J	60 UJ	49 UJ	15 UJ	60 UJ
SW8260	ETHYLBENZENE	ug/kg	203 J	7 J	5 J	1.5 J	5.3 J	7.9 J	5.4 J	21.6 J
SW8260	NAPHTHALENE	ug/kg	2460 J	35 J	61 J	14.1 J	110 J	165 J	99.5 J	471 J
SW8260	O-XYLENE	ug/kg	798 J	15 J	18 J	5.5 J	30.5 J	48.2 J	32.7 J	125 J
SW8260	TOLUENE	ug/kg	17900 J	45 J	96 J	26.8 J	549 J	754 J	476 J	1170 J
SW8260	XYLENES, M & P	ug/kg	1700 J	16 J	18 J	5.2 J	54.1 J	98.9 J	72.8 J	330 J
SW8260	XYLENES, TOTAL	ug/kg	2500 J	31 J	35 J	10.7 J	84.6 J	147 J	105 J	455 J
SW8270	ACENAPHTHENE	ug/kg	15.1 J	140 J	120 J	42.4 J	17 UJ	18 UJ	17 UJ	16 UJ
SW8270	ACENAPHTHYLENE	ug/kg	115 J	140 J	170 J	51 J	17 UJ	18 UJ	17 UJ	16 UJ
SW8270	ANTHRACENE	ug/kg	119 J	240 J	340 J	79.7 J	17 UJ	18.3 J	17 UJ	16 UJ
SW8270	BENZO(A)ANTHRACENE	ug/kg	114 J	1200 J	1000 J	152 J	21.2 J	27.1 J	28.3 J	32.7 J
SW8270	BENZO(A)PYRENE	ug/kg	79.2 J	1100 J	990 J	154 J	17 UJ	18 UJ	17 UJ	17.7 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	115 J	1700 J	530 J	155 J	23.9 J	26.5 J	31.2 J	37.1 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	44 J	530 J	450 J	131 J	17 UJ	18 UJ	17 UJ	17.9 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	43.8 J	530 J	1400 J	161 J	17 UJ	18 UJ	17 UJ	16 UJ
SW8270	CHRYSENE	ug/kg	95.1 J	1600 J	1300 J	247 J	16.8 J	20.6 J	18 J	26 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	19.4 J	160 J	140 J	39.8 J	17 UJ	18 UJ	17 UJ	16 UJ
SW8270	FLUORANTHENE	ug/kg	205 J	2600 J	2200 J	321 J	48.3 J	68.6 J	62.9 J	57.7 J
SW8270	FLUORENE	ug/kg	326 J	260 J	220 J	212 J	17 UJ	18 UJ	17 UJ	17.5 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	46.8 J	480 J	460 J	111 J	17 UJ	18 UJ	17 UJ	19 J
SW8270	PHENANTHRENE	ug/kg	317 J	1800 J	1200 J	233 J	44.2 J	83.6 J	60.7 J	50.5 J
SW8270	PHENOL	ug/kg	850 J	160 J	2000 J	386 J	2670 J	3450 J	2060 J	1670 J
SW8270	PYRENE	ug/kg	222 J	3200 J	2800 J	493 J	45.8 J	58 J	56.9 J	63 J
SW9045	pH	S.U.	9.18 J	8.93 J	10.1 J	8.3 J	11.05 J	11.53 J	11.64 J	11.67 J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30117	OL-VC-30118-A	OL-VC-30118-A	OL-VC-30118	OL-VC-30118	OL-VC-30118	OL-VC-30118	OL-VC-30118
		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	2.0-3.0 Ft	3.0-4.0 Ft	4.0-5.0 Ft
		Field Sample ID	OL-0837-06	OL-1029-18	OL-1029-19	OL-0839-08	OL-0839-09	OL-0839-10	OL-0839-11	OL-0839-12
		Sample Date	7/22/2009	9/25/2009	9/25/2009	7/23/2009	7/23/2009	7/23/2009	7/23/2009	7/23/2009
		Sample Delivery Group	JA23768	OLS09	OLS09	JA23889	JA23889	JA23889	JA23889	JA23889
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	8400 J			27400 J	16500 J	10800 J	11400 J	17600 J
SM2540G	PERCENT MOISTURE	%		59.5	73.7					
SM2540G	SOLIDS, PERCENT	%	34.1			47.6	41.1	29.5	35	34.6
SW7471	MERCURY	mg/kg	0.11 J	0.591 J	0.45 J	4.7 J	0.18 J	0.17 J	0.2 J	0.16 J
SW8082	AROCOLOR-1016	ug/kg	9.6 UJ			6.9 UJ	8.1 UJ	11 UJ	9.5 UJ	9.5 UJ
SW8082	AROCOLOR-1221	ug/kg	9.6 UJ			6.9 UJ	8.1 UJ	11 UJ	9.5 UJ	9.5 UJ
SW8082	AROCOLOR-1232	ug/kg	9.6 UJ			6.9 UJ	8.1 UJ	11 UJ	9.5 UJ	9.5 UJ
SW8082	AROCOLOR-1242	ug/kg	9.6 UJ			6.9 UJ	8.1 UJ	11 UJ	9.5 UJ	9.5 UJ
SW8082	AROCOLOR-1248	ug/kg	9.6 UJ			28.5 J	8.1 UJ	11 UJ	9.5 UJ	9.5 UJ
SW8082	AROCOLOR-1254	ug/kg	9.6 UJ			20.6 J	8.1 UJ	11 UJ	9.5 UJ	9.5 UJ
SW8082	AROCOLOR-1260	ug/kg	9.6 UJ			7.6 J	8.1 UJ	11 UJ	9.5 UJ	9.5 UJ
SW8082	AROCOLOR-1268	ug/kg	9.6 UJ			6.9 UJ	8.1 UJ	11 UJ	9.5 UJ	9.5 UJ
SW8082	PCBS, N.O.S.	ug/kg	9.6 UJ			56.7 J	8.1 UJ	11 UJ	9.5 UJ	9.5 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	14 UJ			10 UJ	13 UJ	61 UJ	51 UJ	52 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	14 UJ			10 UJ	13 UJ	61 UJ	51 UJ	52 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	1.3 J			10 UJ	13 UJ	61 UJ	51 UJ	52 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	14 UJ			10 UJ	13 UJ	61 UJ	51 UJ	52 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	14 UJ			10 UJ	13 UJ	61 UJ	51 UJ	52 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	3.8 J			2 J	13 UJ	61 UJ	51 UJ	52 UJ
SW8260	BENZENE	ug/kg	2210 J			1360 J	7020 J	11600 J	5400 J	7690 J
SW8260	CHLOROBENZENE	ug/kg	14 UJ			10 UJ	13 UJ	61 UJ	51 UJ	52 UJ
SW8260	ETHYLBENZENE	ug/kg	17 J			1.3 J	1.4 J	12 UJ	10 UJ	10 UJ
SW8260	NAPHTHALENE	ug/kg	426 J			12.3 J	26.8 J	60.2 J	33.6 J	32.9 J
SW8260	O-XYLENE	ug/kg	94.2 J			1.4 J	3.4 J	12 UJ	10 UJ	10 UJ
SW8260	TOLUENE	ug/kg	1480 J			7.9 J	28.4 J	54.9 J	20.7 J	22.3 J
SW8260	XYLENES, M & P	ug/kg	252 J			3.5 J	10.5 J	23.8 J	15.7 J	21 UJ
SW8260	XYLENES, TOTAL	ug/kg	346 J			4.9 J	13.9 J	23.8 J	15.7 J	21 UJ
SW8270	ACENAPHTHENE	ug/kg	17 UJ			17.5 J	13.7 J	19.9 J	16 UJ	16 UJ
SW8270	ACENAPHTHYLENE	ug/kg	20 J			53.7 J	16.6 J	13.7 J	16 UJ	16 UJ
SW8270	ANTHRACENE	ug/kg	34.9 J			58.7 J	26.2 J	76.7 J	26 J	15.2 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	71.5 J			130 J	74 J	111 J	51.2 J	31.1 J
SW8270	BENZO(A)PYRENE	ug/kg	37.4 J			89.3 J	50.7 J	67.2 J	24.2 J	14.1 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	69.7 J			85.6 J	109 J	105 J	40.2 J	21.3 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	27.6 J			42.3 J	50.6 J	46.8 J	20 J	13.5 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	19 J			81.1 J	34 J	55.1 J	14.9 J	11.2 J
SW8270	CHRYSENE	ug/kg	58.6 J			127 J	48.4 J	75.3 J	22.9 J	18.7 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	17 UJ			24.4 J	19.2 J	20.7 J	16 UJ	16 UJ
SW8270	FLUORANTHENE	ug/kg	154 J			259 J	135 J	270 J	123 J	76.7 J
SW8270	FLUORENE	ug/kg	30.5 J			116 J	49.3 J	28.7 J	16 UJ	10.8 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	32.7 J			58.7 J	46.9 J	46.5 J	20.4 J	14.6 J
SW8270	PHENANTHRENE	ug/kg	150 J			130 J	68.3 J	200 J	103 J	68.6 J
SW8270	PHENOL	ug/kg	2730 J			488 J	878 J	1780 J	1760 J	1060 J
SW8270	PYRENE	ug/kg	148 J			301 J	163 J	232 J	100 J	64.8 J
SW9045	pH	S.U.	11.73 J			10.14 J	11.49 J	11.36 J	11.55 J	11.59 J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30118
		Sample Depth	5.0-6.0 Ft
		Field Sample ID	OL-0839-13
		Sample Date	7/23/2009
		Sample Delivery Group	JA23889
		Matrix	SOIL
		Sample Purpose	Regular sample
		Sample Type	Sediment
Analytical Method	Parameter Name	Units	
ASTM D4643-00	SOLIDS, PERCENT	%	
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	6570 J
SM2540G	PERCENT MOISTURE	%	
SM2540G	SOLIDS, PERCENT	%	40
SW7471	MERCURY	mg/kg	0.18 J
SW8082	AROCOLOR-1016	ug/kg	8.3 UJ
SW8082	AROCOLOR-1221	ug/kg	8.3 UJ
SW8082	AROCOLOR-1232	ug/kg	8.3 UJ
SW8082	AROCOLOR-1242	ug/kg	8.3 UJ
SW8082	AROCOLOR-1248	ug/kg	8.3 UJ
SW8082	AROCOLOR-1254	ug/kg	8.3 UJ
SW8082	AROCOLOR-1260	ug/kg	8.3 UJ
SW8082	AROCOLOR-1268	ug/kg	8.3 UJ
SW8082	PCBS, N.O.S.	ug/kg	8.3 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	39 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	39 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	39 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	39 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	39 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	39 UJ
SW8260	BENZENE	ug/kg	10800 J
SW8260	CHLOROBENZENE	ug/kg	39 UJ
SW8260	ETHYLBENZENE	ug/kg	3.5 J
SW8260	NAPHTHALENE	ug/kg	72.5 J
SW8260	O-XYLENE	ug/kg	9.2 J
SW8260	TOLUENE	ug/kg	67 J
SW8260	XYLENES, M & P	ug/kg	21.4 J
SW8260	XYLENES, TOTAL	ug/kg	30.6 J
SW8270	ACENAPHTHENE	ug/kg	44.4 J
SW8270	ACENAPHTHYLENE	ug/kg	17.4 J
SW8270	ANTHRACENE	ug/kg	73.7 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	138 J
SW8270	BENZO(A)PYRENE	ug/kg	59.4 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	95.9 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	49.2 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	46.2 J
SW8270	CHRYSENE	ug/kg	61.5 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	21.2 J
SW8270	FLUORANTHENE	ug/kg	282 J
SW8270	FLUORENE	ug/kg	67.4 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	49 J
SW8270	PHENANTHRENE	ug/kg	231 J
SW8270	PHENOL	ug/kg	803 J
SW8270	PYRENE	ug/kg	291 J
SW9045	pH	S.U.	11.52 J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		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	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	1-2 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	OL-0872-02	
		Sample Date	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	8/6/2009	8/6/2009	
		Sample Delivery Group	JA24577	JA24577	JA24577	JA24578	JA24578	JA24578	JA25060	JA25060	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical 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	2940 J	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	57.2	42.5	57.7	53.6	48.3	57.1	37.9	35.6	
SW7471	MERCURY	mg/kg	0.59	5.5 J	3.2	0.19	0.14 J	0.14	1 J	0.17 J	
SW8082	AROCOLOR-1016	ug/kg	5.8 U	7.8 UJ	5.8 U	6.2 U	6.9 UJ	5.8 U	8.6 UJ	9.2 UJ	
SW8082	AROCOLOR-1221	ug/kg	5.8 U	7.8 UJ	5.8 U	6.2 U	6.9 UJ	5.8 U	8.6 UJ	9.2 UJ	
SW8082	AROCOLOR-1232	ug/kg	5.8 U	7.8 UJ	5.8 U	6.2 U	6.9 UJ	5.8 U	8.6 UJ	9.2 UJ	
SW8082	AROCOLOR-1242	ug/kg	5.8 U	7.8 UJ	5.8 U	6.2 U	6.9 UJ	5.8 U	8.6 UJ	9.2 UJ	
SW8082	AROCOLOR-1248	ug/kg	42.2	386 J	61.1 J	6.2 U	6.9 UJ	5.8 U	8.6 UJ	9.2 UJ	
SW8082	AROCOLOR-1254	ug/kg	24.1	218 J	59.3 J	6.2 U	6.9 UJ	5.8 U	8.6 UJ	9.2 UJ	
SW8082	AROCOLOR-1260	ug/kg	9.6	69.7 J	16.5 J	6.2 U	6.9 UJ	5.8 U	8.6 UJ	9.2 UJ	
SW8082	AROCOLOR-1268	ug/kg	5.8 U	7.8 UJ	5.8 U	6.2 U	6.9 UJ	5.8 U	8.6 UJ	9.2 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	9.2 UJ	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	49 U	930 UJ	620 U	680 U	790 UJ	11 U	1100 UJ	1100 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	49 U	930 UJ	620 U	680 U	790 UJ	11 U	1100 UJ	1100 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	7.4 J	314 J	42.6 J	680 U	790 UJ	11 U	1100 UJ	1100 UJ	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	49 U	100 J	620 U	680 U	790 UJ	11 U	1100 UJ	1100 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	5.1 J	184 J	620 U	680 U	790 UJ	11 U	1100 UJ	1100 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	24.6 J	956 J	139 J	680 U	790 UJ	11 U	1100 UJ	1100 UJ	
SW8260	BENZENE	ug/kg	1820	35100 J	13200	10600	8570 J	120	13300 J	27700 J	
SW8260	CHLOROBENZENE	ug/kg	5.2 J	102 J	620 U	680 U	790 UJ	11 U	1100 UJ	1100 UJ	
SW8260	ETHYLBENZENE	ug/kg	122	852 J	336	172	142 J	17.7	210 UJ	230 UJ	
SW8260	NAPHTHALENE	ug/kg	118	2920 J	2270	616 J	507 J	156	979 J	2090 J	
SW8260	O-XYLENE	ug/kg	67.3	1580 J	1140	650	580 J	95.9	210 UJ	369 J	
SW8260	TOLUENE	ug/kg	1580	107000 J	28600	15200	14500 J	571	1720 J	6000 J	
SW8260	XYLENES, M & P	ug/kg	491	3080 J	1860	1360	1400 J	212	154 J	840 J	
SW8260	XYLENES, TOTAL	ug/kg	558	4650 J	2990	2010	1980 J	308	154 J	1210 J	
SW8270	ACENAPHTHENE	ug/kg	5 U	6.7 UJ	8.78	5.3 U	5.9 UJ	5 U	7.4 UJ	8 UJ	
SW8270	ACENAPHTHYLENE	ug/kg	8.15	6.7 UJ	23.6	27	33.4 J	52.4	41.3 J	8 UJ	
SW8270	ANTHRACENE	ug/kg	4.94 J	16.3 J	19.4	37.9	41.7 J	77.8	50.3 J	16.4 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	13.6	24.2 J	68	55.9	70.4 J	171	114 J	41.6 J	
SW8270	BENZO(A)PYRENE	ug/kg	14.3	17.4 J	58.9	33	51.4 J	99.4	66.3 J	19.2 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	22.6	29.6 J	69.5	58.7	88.2 J	174	108 J	34.2 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	12.7 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	8.14	11 J	25.7	22.6	35 J	28.1	44.5 J	14.7 J	
SW8270	CHRYSENE	ug/kg	10.6	20.4 J	43.1	62.9	67.1 J	155	77.9 J	28.2 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	8 UJ	
SW8270	FLUORANTHENE	ug/kg	21	60.3 J	94.3	126	111 J	247	179 J	62.4 J	
SW8270	FLUORENE	ug/kg	13.6	301 J	67.5	43.2	56 J	92.2	53.6 J	8 UJ	
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	11.4 J	
SW8270	PHENANTHRENE	ug/kg	12.3	54.8 J	82.9	101	77.4 J	79.6	151 J	85.7 J	
SW8270	PHENOL	ug/kg	50 U	262 J	414	657	776 J	803	611 J	1260 J	
SW8270	PYRENE	ug/kg	22.6	68.1 J	132	150	151 J	304	248 J	68.5 J	
SW9045	pH	S.U.	7.36	7.51 J	7.15	7.74	7.52 J	7.28	10.66 J	11.35 J	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30120	OL-VC-30120	OL-VC-30120	OL-VC-30120	OL-VC-30121	OL-VC-30121	OL-VC-30121	OL-VC-30121	OL-VC-30121
		Sample Depth	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	0.0-1.0 Ft	1.0-2.0 Ft	2.0-3.0 Ft	3.0-4.0 Ft	
		Field Sample ID	OL-0853-17	OL-0853-18	OL-0853-19	OL-0853-20	OL-0837-14	OL-0837-15	OL-0837-16	OL-0837-17	
		Sample Date	7/30/2009	7/30/2009	7/30/2009	7/30/2009	7/22/2009	7/22/2009	7/22/2009	7/22/2009	
		Sample Delivery Group	JA24412	JA24412	JA24412	JA24412	JA23768	JA23768	JA23768	JA23768	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	1790 J	2130 J	2000 J	3960 J	2890 J	4890 J	9260 J	3610 J	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	36.3	36.9	43	38	31.6	34.3	32.5	35.2	
SW7471	MERCURY	mg/kg	0.045 J	0.085 J	0.03 UJ	0.1 J	0.13 J	0.053 J	0.038 UJ	0.036 UJ	
SW8082	AROCOLOR-1016	ug/kg	9.2 UJ	9 UJ	7.8 UJ	8.6 UJ	10 UJ	9.7 UJ	10 UJ	9.3 UJ	
SW8082	AROCOLOR-1221	ug/kg	9.2 UJ	9 UJ	7.8 UJ	8.6 UJ	10 UJ	9.7 UJ	10 UJ	9.3 UJ	
SW8082	AROCOLOR-1232	ug/kg	9.2 UJ	9 UJ	7.8 U	8.6 UJ	10 UJ	9.7 UJ	10 UJ	9.3 UJ	
SW8082	AROCOLOR-1242	ug/kg	9.2 UJ	9 UJ	7.8 UJ	8.6 UJ	10 UJ	9.7 UJ	10 UJ	9.3 UJ	
SW8082	AROCOLOR-1248	ug/kg	9.2 UJ	9 UJ	7.8 UJ	8.6 UJ	10 UJ	9.7 UJ	10 UJ	9.3 UJ	
SW8082	AROCOLOR-1254	ug/kg	9.2 UJ	17.2 J	7.8 UJ	8.6 UJ	10 UJ	9.7 UJ	10 UJ	9.3 UJ	
SW8082	AROCOLOR-1260	ug/kg	9.2 UJ	9 UJ	7.8 UJ	8.6 UJ	10 UJ	9.7 UJ	10 UJ	9.3 UJ	
SW8082	AROCOLOR-1268	ug/kg	9.2 UJ	9 UJ	7.8 UJ	8.6 UJ	10 UJ	9.7 UJ	10 UJ	9.3 UJ	
SW8082	PCBS, N.O.S.	ug/kg	9.2 UJ	17.2 J	7.8 UJ	8.6 UJ	10 UJ	9.7 UJ	10 UJ	9.3 UJ	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	14 UJ	14 UJ	12 UJ	13 UJ	15 UJ	21 UJ	31 UJ	79 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	14 UJ	14 UJ	12 UJ	13 UJ	15 UJ	21 UJ	31 UJ	79 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	14 UJ	14 UJ	12 UJ	13 UJ	15 UJ	21 UJ	31 UJ	79 UJ	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	14 UJ	14 UJ	12 UJ	13 UJ	15 UJ	21 UJ	31 UJ	79 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	14 UJ	14 UJ	12 UJ	13 UJ	15 UJ	21 UJ	31 UJ	79 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	4 J	14 UJ	12 UJ	13 UJ	15 UJ	21 UJ	2.8 J	79 UJ	
SW8260	BENZENE	ug/kg	20900 J	25100 J	16300 J	24900 J	452 J	803 J	1470 J	4120 J	
SW8260	CHLOROBENZENE	ug/kg	14 UJ	14 UJ	12 UJ	13 UJ	15 UJ	21 UJ	2.6 J	79 UJ	
SW8260	ETHYLBENZENE	ug/kg	34.5 J	31.9 J	33 J	69.4 J	2.9 UJ	2 J	5.5 J	10 J	
SW8260	NAPHTHALENE	ug/kg	2140 J	2140 J	2020 J	4500 J	29.8 J	57.7 J	123 J	162 J	
SW8260	O-XYLENE	ug/kg	236 J	221 J	225 J	445 J	3.8 J	10.3 J	31 J	62.3 J	
SW8260	TOLUENE	ug/kg	3250 J	3430 J	2390 J	4080 J	118 J	264 J	643 J	1640 J	
SW8260	XYLENES, M & P	ug/kg	558 J	546 J	600 J	2230 J	4.7 J	15.6 J	49 J	102 J	
SW8260	XYLENES, TOTAL	ug/kg	794 J	767 J	825 J	2680 J	8.5 J	25.9 J	80 J	164 J	
SW8270	ACENAPHTHENE	ug/kg	7.8 UJ	7.7 UJ	6.6 UJ	7.5 UJ	18 UJ	17 UJ	17 UJ	16 UJ	
SW8270	ACENAPHTHYLENE	ug/kg	7.8 UJ	7.7 UJ	6.6 UJ	53.7 J	18 UJ	17 UJ	17 UJ	16 UJ	
SW8270	ANTHRACENE	ug/kg	10.1 J	13.2 J	9.39 J	73.6 J	18 UJ	17 UJ	17 UJ	16 UJ	
SW8270	BENZO(A)ANTHRACENE	ug/kg	28.5 J	22.9 J	14.8 J	115 J	26.8 J	21.7 J	22.1 J	22.6 J	
SW8270	BENZO(A)PYRENE	ug/kg	7.8 UJ	7.7 UJ	6.6 UJ	67.2 J	18 UJ	17 UJ	17 UJ	16 UJ	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	7.8 UJ	7.7 UJ	6.6 UJ	110 J	31.2 J	22.8 J	22.4 J	24.7 J	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	7.8 UJ	7.7 UJ	6.6 UJ	50.5 J	18 UJ	17 UJ	17 UJ	16 UJ	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	7.8 UJ	7.7 UJ	6.6 UJ	39.2 J	18 UJ	17 UJ	17 UJ	16 UJ	
SW8270	CHRYSENE	ug/kg	15.3 J	11.2 J	6.74 J	82.6 J	20.5 J	17 UJ	17 UJ	15.9 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	7.8 UJ	7.7 UJ	6.6 UJ	12.5 J	18 UJ	17 UJ	17 UJ	16 UJ	
SW8270	FLUORANTHENE	ug/kg	52.3 J	32.4 J	20.8 J	162 J	52.5 J	34.5 J	45.6 J	38.6 J	
SW8270	FLUORENE	ug/kg	7.8 UJ	7.7 UJ	6.6 UJ	141 J	18 UJ	17 UJ	17 UJ	16 UJ	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	7.8 UJ	7.7 UJ	6.6 UJ	41.2 J	18 UJ	17 UJ	17 UJ	16 UJ	
SW8270	PHENANTHRENE	ug/kg	52.5 J	54.2 J	37.5 J	216 J	40 J	36.2 J	42.5 J	32.1 J	
SW8270	PHENOL	ug/kg	566 J	490 J	230 J	194 J	1370 J	2770 J	3040 J	1940 J	
SW8270	PYRENE	ug/kg	52.6 J	38 J	26.4 J	246 J	46.5 J	31.6 J	38.8 J	37.1 J	
SW9045	pH	S.U.	11.75 J	11.7 J	11.56 J	11.38 J	11.05 J	11.04 J	11.43 J	11.59 J	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30121	OL-VC-30121	OL-VC-30122	OL-VC-30122	OL-VC-30122	OL-VC-30122	OL-VC-30122	OL-VC-30122	OL-VC-30122
		Sample Depth	4.0-5.0 Ft	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-0837-18	OL-0838-01	OL-0858-06	OL-0858-07	OL-0858-08	OL-0858-09	OL-0858-10	OL-0858-11	
		Sample Date	7/22/2009	7/22/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	
		Sample Delivery Group	JA23768	JA23767	JA24576	JA24576	JA24576	JA24576	JA24576	JA24576	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	8810 J	6630 J	11900	11400	11300	10400	14400	9860	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	34.6	40.6	52.7	52.1	51.5	56.1	53.3	52.7	
SW7471	MERCURY	mg/kg	0.037 UJ	0.19 J	0.022 U	0.024 U	0.031 J	0.023 U	0.022 U	0.022 U	
SW8082	AROCOLOR-1016	ug/kg	9.4 UJ	8.2 UJ	6.3 U	6.3 U	6.3 U	5.9 U	6.1 U	6.2 U	
SW8082	AROCOLOR-1221	ug/kg	9.4 UJ	8.2 UJ	6.3 U	6.3 U	6.3 U	5.9 U	6.1 U	6.2 U	
SW8082	AROCOLOR-1232	ug/kg	9.4 UJ	8.2 UJ	6.3 U	6.3 U	6.3 U	5.9 U	6.1 U	6.2 U	
SW8082	AROCOLOR-1242	ug/kg	9.4 UJ	8.2 UJ	6.3 U	6.3 U	6.3 U	5.9 U	6.1 U	6.2 U	
SW8082	AROCOLOR-1248	ug/kg	9.4 UJ	8.2 UJ	6.3 U	6.3 U	6.3 U	5.9 U	6.1 U	6.2 U	
SW8082	AROCOLOR-1254	ug/kg	9.4 UJ	8.2 UJ	277	6.3 U	6.3 U	5.9 U	6.1 U	6.2 U	
SW8082	AROCOLOR-1260	ug/kg	9.4 UJ	8.2 UJ	6.3 U	6.3 U	6.3 U	5.9 U	6.1 U	6.2 U	
SW8082	AROCOLOR-1268	ug/kg	9.4 UJ	8.2 UJ	6.3 U	6.3 U	6.3 U	5.9 U	6.1 U	6.2 U	
SW8082	PCBS, N.O.S.	ug/kg	9.4 UJ	8.2 UJ	277	6.3 U	6.3 U	5.9 U	6.1 U	6.2 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	80 UJ	56 UJ	9.7 U	44 U	16 U	50 U	20 U	23 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	80 UJ	56 UJ	9.7 U	44 U	16 U	50 U	20 U	23 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	80 UJ	3.5 J	9.7 U	44 U	16 U	50 U	20 U	23 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	80 UJ	56 UJ	9.7 U	44 U	16 UJ	50 U	20 U	23 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	80 UJ	56 UJ	9.7 U	44 U	16 U	50 U	20 U	23 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	80 UJ	11.4 J	9.7 U	44 U	16 U	50 U	20 U	23 U	
SW8260	BENZENE	ug/kg	4540 J	6590 J	336	3660	1610	2200	1150	735	
SW8260	CHLOROBENZENE	ug/kg	80 UJ	4.5 J	9.7 U	44 U	16 U	50 U	20 U	23 U	
SW8260	ETHYLBENZENE	ug/kg	9.1 J	35.4 J	3.7	14.1	5.6	6.2 J	5.5	4.3 J	
SW8260	NAPHTHALENE	ug/kg	141 J	473 J	10.9	14.8 J	16 U	50 U	20 U	23 U	
SW8260	O-XYLENE	ug/kg	52.1 J	189 J	10.6	41.4	8.3	8.6 J	7.5	4.3 J	
SW8260	TOLUENE	ug/kg	1640 J	3990 J	0.89 J	2.8 J	6.5	11.7	11.9	20.3	
SW8260	XYLENES, M & P	ug/kg	95.6 J	400 J	6.8	74.4	11.6	14.8 J	13.6	7.5 J	
SW8260	XYLENES, TOTAL	ug/kg	148 J	589 J	17.4	116	19.9	23.4	21.1	11.8	
SW8270	ACENAPHTHENE	ug/kg	17 UJ	14 UJ	5.4 U	5.5 U	5.5 U	5.1 U	5.4 U	5.4 U	
SW8270	ACENAPHTHYLENE	ug/kg	17 UJ	14 UJ	5.4 U	5.5 U	5.5 U	5.1 U	5.4 U	5.4 U	
SW8270	ANTHRACENE	ug/kg	17 UJ	14 UJ	5.4 U	5.5 U	5.5 U	5.1 U	5.4 U	5.4 U	
SW8270	BENZO(A)ANTHRACENE	ug/kg	21.2 J	17.1 J	5.4 U	5.5 U	5.5 U	5.1 U	5.4 U	5.4 U	
SW8270	BENZO(A)PYRENE	ug/kg	17 UJ	8.26 J	5.4 U	5.5 U	5.5 U	5.1 U	5.4 U	5.4 U	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	23.1 J	15.5 J	5.4 U	5.5 U	5.5 U	5.1 U	5.4 U	5.4 U	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	17 UJ	10.2 J	5.4 U	5.5 U	5.5 U	5.1 U	5.4 U	5.4 U	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	17 UJ	6.5 J	5.4 U	5.5 U	5.5 U	5.1 U	5.4 U	5.4 U	
SW8270	CHRYSENE	ug/kg	17 UJ	10.9 J	5.4 U	5.5 U	5.5 U	5.1 U	5.4 U	5.4 U	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	17 UJ	14 UJ	5.4 U	5.5 U	5.5 U	5.1 U	5.4 U	5.4 U	
SW8270	FLUORANTHENE	ug/kg	32.5 J	25.6 J	5.4 U	5.5 U	5.5 U	5.1 U	5.4 U	5.4 U	
SW8270	FLUORENE	ug/kg	17 UJ	14 UJ	5.4 U	5.5 U	5.5 U	5.1 U	5.4 U	5.4 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	17 UJ	11.5 J	5.4 U	5.5 U	5.5 U	5.1 U	5.4 U	5.4 U	
SW8270	PHENANTHRENE	ug/kg	25.4 J	25.7 J	5.4 U	5.5 U	5.5 U	5.1 U	5.4 U	5.4 U	
SW8270	PHENOL	ug/kg	1660 J	70 UJ	54 U	58.9	62	51 U	54 U	54 U	
SW8270	PYRENE	ug/kg	32.9 J	30.2 J	5.4 U	5.5 U	5.5 U	5.1 U	5.4 U	5.4 U	
SW9045	pH	S.U.	11.47 J	11.36 J	7.46	7.34	7.06	7.01	7.03	6.84	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30122	OL-VC-30122	OL-VC-30123	OL-VC-30123	OL-VC-30123	OL-VC-30123	OL-VC-30123	OL-VC-30123	OL-VC-30123
		Sample Depth	6-7 Ft	7-8 Ft	0-1 Ft	1-2 Ft	1-2 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft
		Field Sample ID	OL-0858-12	OL-0858-13	OL-0859-10	OL-0859-11	OL-0859-12	OL-0859-12	OL-0859-13	OL-0859-14	OL-0859-15
		Sample Date	7/31/2009	7/31/2009	8/3/2009	8/3/2009	8/3/2009	8/3/2009	8/3/2009	8/3/2009	8/3/2009
		Sample Delivery Group	JA24576	JA24576	JA24639	JA24639	JA24639	JA24639	JA24639	JA24639	JA24639
		Matrix	SOIL	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	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	13300	14400	7390 J	28600 J	14400 J	10400	7900	17700	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	53.3	56.5	39.2	51.6	54.9	60	60.3	51.7	
SW7471	MERCURY	mg/kg	0.021 U	0.021 U	0.022 UJ	0.062	0.037 J	0.02 U	0.019 U	0.025 U	
SW8082	AROCOLOR-1016	ug/kg	6.2 U	5.9 U	8.5 UJ	6.4 UJ	6.1 U	5.6 U	5.5 U	6.4 U	
SW8082	AROCOLOR-1221	ug/kg	6.2 U	5.9 U	8.5 UJ	6.4 UJ	6.1 U	5.6 U	5.5 U	6.4 U	
SW8082	AROCOLOR-1232	ug/kg	6.2 U	5.9 U	8.5 UJ	6.4 UJ	6.1 U	5.6 U	5.5 U	6.4 U	
SW8082	AROCOLOR-1242	ug/kg	6.2 U	5.9 U	8.5 UJ	6.4 UJ	6.1 U	5.6 U	5.5 U	6.4 U	
SW8082	AROCOLOR-1248	ug/kg	6.2 U	5.9 U	8.5 UJ	6.4 UJ	6.1 U	5.6 U	5.5 U	6.4 U	
SW8082	AROCOLOR-1254	ug/kg	6.2 U	5.9 U	8.5 UJ	6.4 UJ	6.1 U	5.6 U	5.5 U	6.4 U	
SW8082	AROCOLOR-1260	ug/kg	6.2 U	5.9 U	8.5 UJ	6.4 UJ	6.1 U	5.6 U	5.5 U	6.4 U	
SW8082	AROCOLOR-1268	ug/kg	6.2 U	5.9 U	8.5 UJ	6.4 UJ	6.1 U	5.6 U	5.5 U	6.4 U	
SW8082	PCBS, N.O.S.	ug/kg	6.2 U	5.9 U	8.5 UJ	6.4 UJ	6.1 U	5.6 U	5.5 U	6.4 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	20 U	8.8 U	13 UJ	13 UJ	22 UJ	8.2 UJ	8.3 UJ	9.9 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	20 U	8.8 U	13 UJ	13 UJ	22 UJ	8.2 UJ	8.3 UJ	9.9 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	20 U	8.8 U	13 UJ	13 UJ	22 UJ	8.2 UJ	8.3 UJ	9.9 UJ	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	20 U	8.8 U	13 UJ	13 UJ	22 UJ	8.2 UJ	8.3 UJ	9.9 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	20 U	8.8 U	13 UJ	13 UJ	22 UJ	8.2 UJ	8.3 UJ	9.9 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	20 U	8.8 U	13 UJ	13 UJ	22 UJ	8.2 UJ	8.3 UJ	9.9 UJ	
SW8260	BENZENE	ug/kg	551	77.6 J	458 J	1560 J	295 J	32 J	231 J	330 J	
SW8260	CHLOROBENZENE	ug/kg	20 U	8.8 U	13 UJ	5.7 J	22 UJ	8.2 UJ	0.98 J	1.2 J	
SW8260	ETHYLBENZENE	ug/kg	3.3 J	1.3 J	426 J	7420 J	714 J	138 J	268 J	359 J	
SW8260	NAPHTHALENE	ug/kg	20 U	8.8 U	56700 J	609000 J	73300 J	56600 J	53000 J	69400 J	
SW8260	O-XYLENE	ug/kg	2.6 J	1.8 U	5530 J	42800 J	5230 J	799	2790	3770	
SW8260	TOLUENE	ug/kg	11.6	2.4	4840 J	24200	3460	101 J	2170	3150	
SW8260	XYLENES, M & P	ug/kg	4.4 J	0.94 J	22500 J	165000 J	21200 J	2290	10800	14700	
SW8260	XYLENES, TOTAL	ug/kg	7 J	0.94 J	28100 J	208000 J	26400 J	3090	13600	18400	
SW8270	ACENAPHTHENE	ug/kg	5.4 U	5.1 U	7.3 UJ	5.5 UJ	5.2 UJ	4.8 U	4.7 U	5.5 U	
SW8270	ACENAPHTHYLENE	ug/kg	5.4 U	5.1 U	7.3 UJ	5.5 UJ	25.6 J	4.8 U	4.7 U	5.5 U	
SW8270	ANTHRACENE	ug/kg	5.4 U	5.1 U	7.3 UJ	15.6 J	97 J	4.8 U	4.7 U	5.5 U	
SW8270	BENZO(A)ANTHRACENE	ug/kg	5.4 U	5.1 U	14.7 J	24.4 J	110 J	13.7	4.7 U	5.5 U	
SW8270	BENZO(A)PYRENE	ug/kg	5.4 U	5.1 U	7.3 UJ	5.5 UJ	43.9 J	4.8 U	4.7 U	5.5 U	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5.4 U	5.1 U	7.3 UJ	5.5 UJ	92.6 J	4.8 U	4.7 U	5.5 U	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5.4 U	5.1 U	7.3 UJ	5.5 UJ	32.4 J	4.8 U	4.7 U	5.5 U	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.4 U	5.1 U	7.3 UJ	5.5 UJ	26.6 J	4.8 U	4.7 U	5.5 U	
SW8270	CHRYSENE	ug/kg	5.4 U	5.1 U	4.61 J	13.3 J	98.5 J	4.88	4.7 U	5.5 U	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.4 U	5.1 U	7.3 UJ	5.5 UJ	26.7 J	4.8 U	4.7 U	5.5 U	
SW8270	FLUORANTHENE	ug/kg	5.4 U	5.1 U	20.9 J	39.1 J	252 J	10.5	4.7 U	5.5 U	
SW8270	FLUORENE	ug/kg	5.4 U	5.1 U	33.8 J	20.3 J	217 J	7.61	4.7 U	5.5 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5.4 U	5.1 U	7.3 UJ	5.5 UJ	46.7 J	4.8 U	4.7 U	5.5 U	
SW8270	PHENANTHRENE	ug/kg	5.4 U	5.1 U	40.4 J	48.3 J	326 J	5.34	4.7 U	5.5 U	
SW8270	PHENOL	ug/kg	54 U	51 U	175 J	98.2	114	48 U	47 U	55 U	
SW8270	PYRENE	ug/kg	5.4 U	5.1 U	22.1 J	41.5 J	231 J	12	4.7 U	5.5 U	
SW9045	pH	S.U.	6.95	7.33	11.55 J	11.2	11.13	11.74	10.99	11.05	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30123	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	5-6 Ft	6-7 Ft	7-8 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	4-5 Ft
		Field Sample ID	OL-0859-16	OL-0859-17	OL-0859-18	OL-0859-19	OL-0859-20	OL-0860-01	OL-0860-02	OL-0860-03	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	8/3/2009	8/3/2009
		Sample Delivery Group	JA24639	JA24639	JA24639	JA24639	JA24639	JA24640	JA24640	JA24640	JA24640
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	9020	6750	8760	5000	6800	7260	6550	7750	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	57.5	64	55.9	40.9	40.4	56.1	59	53.4	
SW7471	MERCURY	mg/kg	0.02 U	0.028 J	0.022 U	0.06 J	0.044 J	0.023 U	0.019 U	0.021 U	
SW8082	AROCOLOR-1016	ug/kg	5.8 U	5.2 U	6 U	8.1 UJ	8.3 UJ	5.9 U	5.6 U	6.2 U	
SW8082	AROCOLOR-1221	ug/kg	5.8 U	5.2 U	6 U	8.1 UJ	8.3 UJ	5.9 U	5.6 U	6.2 U	
SW8082	AROCOLOR-1232	ug/kg	5.8 U	5.2 U	6 U	8.1 UJ	8.3 UJ	5.9 U	5.6 U	6.2 U	
SW8082	AROCOLOR-1242	ug/kg	5.8 U	5.2 U	6 U	8.1 UJ	8.3 UJ	5.9 U	5.6 U	6.2 U	
SW8082	AROCOLOR-1248	ug/kg	5.8 U	5.2 U	6 U	8.1 UJ	8.3 UJ	5.9 U	5.6 U	6.2 U	
SW8082	AROCOLOR-1254	ug/kg	5.8 U	5.2 U	6 U	8.1 UJ	8.3 UJ	5.9 U	5.6 U	6.2 U	
SW8082	AROCOLOR-1260	ug/kg	5.8 U	5.2 U	6 U	8.1 UJ	8.3 UJ	5.9 U	5.6 U	6.2 U	
SW8082	AROCOLOR-1268	ug/kg	5.8 U	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	5.8 U	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	1200 U	510 U	9.1 UJ	4900 UJ	2000 UJ	630 U	570 U	660 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	1200 U	510 U	9.1 UJ	4900 UJ	2000 UJ	630 U	570 U	660 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	1200 U	510 U	9.1 UJ	4900 UJ	2000 UJ	630 U	570 U	660 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	1200 U	510 U	9.1 UJ	4900 UJ	2000 UJ	630 U	570 U	660 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	1200 U	510 U	9.1 UJ	4900 UJ	2000 UJ	630 U	570 U	660 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	1200 U	510 U	9.1 UJ	4900 UJ	2000 UJ	630 U	570 U	660 U	
SW8260	BENZENE	ug/kg	255	300	870	1990 J	1030 J	778	668	689	
SW8260	CHLOROBENZENE	ug/kg	1200 U	510 U	1 J	4900 UJ	2000 UJ	630 U	570 U	660 U	
SW8260	ETHYLBENZENE	ug/kg	364	382	224 J	1830 J	1000 J	667	527	585	
SW8260	NAPHTHALENE	ug/kg	46300	49100	33400 J	99200 J	69600 J	62100	48100	62000	
SW8260	O-XYLENE	ug/kg	2550	2460	2750	10900 J	6220 J	4380	3580	3950	
SW8260	TOLUENE	ug/kg	1780	1920	3570	8520 J	4360 J	3330	2700	2870	
SW8260	XYLENES, M & P	ug/kg	9110	9140	10600	43800 J	23600 J	16000	12800	14400	
SW8260	XYLENES, TOTAL	ug/kg	11700	11600	13400	54700 J	29800 J	20400	16300	18300	
SW8270	ACENAPHTHENE	ug/kg	5 U	4.5 U	5.1 U	7 UJ	7.1 UJ	5.1 U	4.8 U	5.4 U	
SW8270	ACENAPHTHYLENE	ug/kg	5 U	4.5 U	5.1 U	7 UJ	7.1 UJ	5.1 U	4.8 U	5.4 U	
SW8270	ANTHRACENE	ug/kg	5 U	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	5 U	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	5 U	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	5 U	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	5 U	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	5 U	4.5 U	5.1 U	7 UJ	5.18 J	5.1 U	4.8 U	5.4 U	
SW8270	CHRYSENE	ug/kg	5 U	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	5 U	4.5 U	5.1 U	7 UJ	7.1 UJ	5.1 U	4.8 U	5.4 U	
SW8270	FLUORANTHENE	ug/kg	5 U	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	5 U	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	5 U	4.5 U	5.1 U	7 UJ	7.1 UJ	5.1 U	4.8 U	5.4 U	
SW8270	PHENANTHRENE	ug/kg	5 U	4.5 U	5.1 U	32 J	7.1 UJ	5.1 U	4.8 U	5.4 U	
SW8270	PHENOL	ug/kg	50 U	45 U	157	189 J	195 J	147	168	178	
SW8270	PYRENE	ug/kg	5 U	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.	10.9	10.74	10.98	11.53 J	11.35 J	11.51	11.6	11.69	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30124	OL-VC-30124	OL-VC-30124	OL-VC-30125	OL-VC-30125	OL-VC-30125	OL-VC-30125	OL-VC-30125
		Sample Depth	5-6 Ft	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-0860-04	OL-0860-05	OL-0860-06	OL-0857-17	OL-0857-18	OL-0857-19	OL-0857-20	OL-0858-01
		Sample Date	8/3/2009	8/3/2009	8/3/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009
		Sample Delivery Group	JA24640	JA24640	JA24640	JA24578	JA24578	JA24578	JA24578	JA24576
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	5720	6170	6450	16600 J	10500	9530	10200	10400
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	60.6	57.6	59.4	31.4	55.5	56.2	51.8	61
SW7471	MERCURY	mg/kg	0.02 U	0.02 U	0.021 U	0.15 J	0.028 J	0.024 J	0.024 U	0.02 U
SW8082	AROCOR-1016	ug/kg	5.4 U	5.8 U	5.5 U	21 UJ	6 U	5.9 U	6.4 U	5.4 U
SW8082	AROCOR-1221	ug/kg	5.4 U	5.8 U	5.5 U	21 UJ	6 U	5.9 U	6.4 U	5.4 U
SW8082	AROCOR-1232	ug/kg	5.4 U	5.8 U	5.5 U	21 UJ	6 U	5.9 U	6.4 U	5.4 U
SW8082	AROCOR-1242	ug/kg	5.4 U	5.8 U	5.5 U	21 UJ	6 U	5.9 U	6.4 U	5.4 U
SW8082	AROCOR-1248	ug/kg	5.4 U	5.8 U	5.5 U	21 UJ	6 U	5.9 U	6.4 U	18.4
SW8082	AROCOR-1254	ug/kg	5.4 U	5.8 U	5.5 U	21 UJ	6 U	5.9 U	6.4 U	12.1
SW8082	AROCOR-1260	ug/kg	5.4 U	5.8 U	5.5 U	21 UJ	6 U	5.9 U	6.4 U	5.4 U
SW8082	AROCOR-1268	ug/kg	5.4 U	5.8 U	5.5 U	21 UJ	6 U	5.9 U	6.4 U	5.4 U
SW8082	PCBS, N.O.S.	ug/kg	5.4 U	5.8 U	5.5 U	21 UJ	6 U	5.9 U	6.4 U	30.5
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	540 U	600 U	570 U	1300 UJ	650 U	640 U	720 U	570 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	540 U	600 U	570 U	1300 UJ	650 U	640 U	720 U	570 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	540 U	600 U	570 U	1300 UJ	650 U	640 U	720 U	570 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	540 U	600 U	570 U	1300 UJ	650 U	640 U	720 U	570 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	540 U	600 U	570 U	1300 UJ	650 U	640 U	720 U	570 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	540 U	600 U	570 U	1300 UJ	650 U	640 U	720 U	570 U
SW8260	BENZENE	ug/kg	648	568	911	2130 J	520	773	1160	174
SW8260	CHLOROBENZENE	ug/kg	540 U	600 U	570 U	1300 UJ	650 U	640 U	720 U	570 U
SW8260	ETHYLBENZENE	ug/kg	470	400	516	1210 J	521	500	789	211
SW8260	NAPHTHALENE	ug/kg	48900	44000	32600	81700 J	67900	50400	76800	35200
SW8260	O-XYLENE	ug/kg	3180	2790	3430	7560 J	3620	3320	5140	1580
SW8260	TOLUENE	ug/kg	2620	2100	3070	10200 J	3520	4150	6160	1240
SW8260	XYLENES, M & P	ug/kg	11500	10200	12400	26900 J	12000	11300	17500	5220
SW8260	XYLENES, TOTAL	ug/kg	14700	12900	15800	34400 J	15700	14600	22700	6800
SW8270	ACENAPHTHENE	ug/kg	4.7 U	4.9 U	4.8 U	9.1 UJ	5.1 U	5.1 U	5.5 U	4.7 U
SW8270	ACENAPHTHYLENE	ug/kg	4.7 U	4.9 U	4.8 U	78.3 J	5.1 U	5.1 U	5.5 U	4.7 U
SW8270	ANTHRACENE	ug/kg	4.7 U	4.9 U	4.8 U	39.6 J	5.1 U	5.1 U	5.5 U	4.7 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.7 U	4.9 U	4.8 U	158 J	5.1 U	5.1 U	5.5 U	4.7 U
SW8270	BENZO(A)PYRENE	ug/kg	4.7 U	4.9 U	4.8 U	143 J	5.1 U	5.1 U	5.5 U	4.7 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.7 U	4.9 U	4.8 U	194 J	5.1 U	5.1 U	5.5 U	4.7 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.7 U	4.9 U	4.8 U	84.6 J	5.1 U	5.1 U	5.5 U	4.7 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.7 U	4.9 U	4.8 U	74.3 J	5.1 U	5.1 U	5.5 U	4.7 U
SW8270	CHRYSENE	ug/kg	4.7 U	4.9 U	4.8 U	161 J	5.1 U	5.1 U	5.5 U	4.7 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.7 U	4.9 U	4.8 U	25.2 J	5.1 U	5.1 U	5.5 U	4.7 U
SW8270	FLUORANTHENE	ug/kg	4.7 U	4.9 U	4.8 U	141 J	6.58	5.1 U	5.5 U	4.7 U
SW8270	FLUORENE	ug/kg	4.7 U	4.9 U	4.8 U	16.7 J	5.1 U	5.1 U	5.5 U	4.7 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.7 U	4.9 U	4.8 U	77.4 J	5.1 U	5.1 U	5.5 U	4.7 U
SW8270	PHENANTHRENE	ug/kg	4.7 U	4.9 U	4.8 U	23.4 J	5.1 U	5.1 U	5.5 U	4.7 U
SW8270	PHENOL	ug/kg	176	223	166	324 J	156 J	142	156	76.1
SW8270	PYRENE	ug/kg	4.7 U	4.9 U	4.8 U	224 J	9.64	5.1 U	5.5 U	4.7 U
SW9045	pH	S.U.	11.45	11.55	11.16	11.6 J	11.55	11.5	11.71	11.5

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30125	OL-VC-30125	OL-VC-30125	OL-VC-30125	OL-VC-30126-A	OL-VC-30126-A	OL-VC-30126	OL-VC-30126
		Sample Depth	5-6 Ft	6-7 Ft	6-7 Ft	7-8 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-0858-02	OL-0858-03	OL-0858-04	OL-0858-05	OL-1024-08	OL-1024-09	OL-0837-07	OL-0837-08
		Sample Date	7/31/2009	7/31/2009	7/31/2009	7/31/2009	9/22/2009	9/22/2009	7/22/2009	7/22/2009
		Sample Delivery Group	JA24576	JA24576	JA24576	JA24576	OLS02 OLS04	OLS02 OLS04	JA23768	JA23768
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	9170	7410	7520	8110	31000 J	43800 J	62100 J	34600 J
SM2540G	PERCENT MOISTURE	%					63.3	63.1		
SM2540G	SOLIDS, PERCENT	%	55.2	61.2	61.3	57.5			28.6	34.3
SW7471	MERCURY	mg/kg	0.021 U	0.02 U	0.023 J	0.032 J	1.87 J	3.42 J	15.9 J	10.4 J
SW8082	AROCOLOR-1016	ug/kg	6 U	5.3 U	5.4 U	5.8 U	23 UJ	460 UJ	58 UJ	9.7 UJ
SW8082	AROCOLOR-1221	ug/kg	6 U	5.3 U	5.4 U	5.8 U	23 UJ	460 UJ	58 UJ	9.7 UJ
SW8082	AROCOLOR-1232	ug/kg	6 U	5.3 U	5.4 U	5.8 U	23 UJ	460 UJ	58 UJ	9.7 UJ
SW8082	AROCOLOR-1242	ug/kg	6 U	5.3 U	5.4 U	5.8 U	23 UJ	460 UJ	58 UJ	9.7 UJ
SW8082	AROCOLOR-1248	ug/kg	6 U	5.3 U	5.4 U	5.8 U	230 J	1900 J	1540 J	57 J
SW8082	AROCOLOR-1254	ug/kg	6 U	5.3 U	5.4 U	5.8 U	200 J	1300 J	821 J	81 J
SW8082	AROCOLOR-1260	ug/kg	6 U	5.3 U	5.4 U	5.8 U	100 J	720 J	258 J	33 J
SW8082	AROCOLOR-1268	ug/kg	6 U	5.3 U	5.4 U	5.8 U	23 UJ	460 UJ	58 UJ	9.7 UJ
SW8082	PCBS, N.O.S.	ug/kg	6 U	5.3 U	5.4 U	5.8 U	530 J	3900 J	2620 J	171 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	660 U	570 U	570 U	620 U	14 UJ	14 UJ	18 UJ	13 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	660 U	570 U	570 U	620 U	14 UJ	14 UJ	18 UJ	13 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	660 U	570 U	570 U	620 U	4 J	7 J	18 UJ	13 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	660 U	570 U	570 U	620 U	14 UJ	5 J	18 UJ	3.3 J
SW8260	1,3-DICHLOROBENZENE	ug/kg	660 U	570 U	570 U	620 U	3 J	27 J	3.3 J	13 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	660 U	570 U	570 U	620 U	13 J	67 J	8 J	13 UJ
SW8260	BENZENE	ug/kg	505	553	660	281	14 UJ	14 UJ	3.6 UJ	4.4 J
SW8260	CHLOROBENZENE	ug/kg	660 U	570 U	570 U	620 U	9 J	48 J	11.7 J	5.3 J
SW8260	ETHYLBENZENE	ug/kg	388	381	343	260	14 UJ	14 UJ	3.6 UJ	2.7 UJ
SW8260	NAPHTHALENE	ug/kg	53300	34600	36100	18500	14 UJ	14 UJ	17.2 J	28.8 J
SW8260	O-XYLENE	ug/kg	2820	2650	2290	1730	14 UJ	8 J	3.6 UJ	6.4 J
SW8260	TOLUENE	ug/kg	2970	3210	3250	1920	14 UJ	14 UJ	3.6 UJ	2.7 UJ
SW8260	XYLENES, M & P	ug/kg	8960	8720	7720	5760	14 UJ	8 J	7.1 UJ	6.1 J
SW8260	XYLENES, TOTAL	ug/kg	11800	11400	10000	7490	14 UJ	16 J	7.1 UJ	12.4 J
SW8270	ACENAPHTHENE	ug/kg	5.2 U	4.7 U	4.7 U	5 U	45 UJ	38 J	309 J	145 J
SW8270	ACENAPHTHYLENE	ug/kg	5.2 U	4.7 U	4.7 U	5 U	45 UJ	32 J	257 J	250 J
SW8270	ANTHRACENE	ug/kg	5.2 U	4.7 U	4.7 U	5 U	64 J	87 J	572 J	440 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	5.2 U	4.7 U	4.7 U	5 U	96 J	300 J	577 J	736 J
SW8270	BENZO(A)PYRENE	ug/kg	5.2 U	4.7 U	4.7 U	5 U	360 J	330 J	610 J	605 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5.2 U	4.7 U	4.7 U	5 U	560 J	510 J	594 J	542 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5.2 U	4.7 U	4.7 U	5 U	57 J	180 J	421 J	385 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.2 U	4.7 U	4.7 U	5 U	81 J	190 J	616 J	633 J
SW8270	CHRYSENE	ug/kg	5.2 U	4.7 U	4.7 U	5 U	360 J	450 J	1020 J	1720 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.2 U	4.7 U	4.7 U	5 U	71 J	57 J	135 J	128 J
SW8270	FLUORANTHENE	ug/kg	5.2 U	4.7 U	4.7 U	5 U	580 J	770 J	1400 J	1040 J
SW8270	FLUORENE	ug/kg	5.2 U	4.7 U	4.7 U	5 U	45 UJ	60 J	5390 J	1160 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5.2 U	4.7 U	4.7 U	5 U	61 J	190 J	384 J	364 J
SW8270	PHENANTHRENE	ug/kg	5.2 U	4.7 U	4.7 U	5 U	76 J	330 J	1330 J	1050 J
SW8270	PHENOL	ug/kg	144	113	160	97.7				
SW8270	PYRENE	ug/kg	5.2 U	4.7 U	4.7 U	5 U	620 J	780 J	1580 J	1480 J
SW9045	pH	S.U.	11.49	11.47	11.41	10.97	7.89 J	7.93 J	7.95 J	9.51 J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30126	OL-VC-30126	OL-VC-30126	OL-VC-30126	OL-VC-30126	OL-VC-30127	OL-VC-30127	OL-VC-30127
		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	0-1 Ft	1-2 Ft	1-2 Ft
		Field Sample ID	OL-0837-09	OL-0837-10	OL-0837-11	OL-0837-12	OL-0837-13	OL-0848-06	OL-0848-07	OL-0848-08
		Sample Date	7/22/2009	7/22/2009	7/22/2009	7/22/2009	7/22/2009	7/28/2009	7/28/2009	7/28/2009
		Sample Delivery Group	JA23768	JA23768	JA23768	JA23768	JA23768	JA24182	JA24182	JA24182
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Field duplicate	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Field duplicate
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	10100 J	13900 J	12800 J	13800 J	10300 J	36100 J	12700 J	7290 J
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	36.5	28.5	29.4	35.8	27.5	33.5	38.3	37.1
SW7471	MERCURY	mg/kg	4.4 J	0.2 J	0.47 J	0.44 J	0.046 J	14 J	0.46 J	0.15 J
SW8082	AROCOR-1016	ug/kg	9 UJ	11 UJ	11 UJ	9.2 UJ	12 UJ	9.8 UJ	8.7 UJ	8.8 UJ
SW8082	AROCOR-1221	ug/kg	9 UJ	11 UJ	11 UJ	9.2 UJ	12 UJ	9.8 UJ	8.7 UJ	8.8 UJ
SW8082	AROCOR-1232	ug/kg	9 UJ	11 UJ	11 UJ	9.2 UJ	12 UJ	9.8 UJ	8.7 UJ	8.8 UJ
SW8082	AROCOR-1242	ug/kg	9 UJ	11 UJ	11 UJ	9.2 UJ	12 UJ	232 J	8.7 UJ	8.8 UJ
SW8082	AROCOR-1248	ug/kg	129 J	11 UJ	11 UJ	9.2 UJ	12 UJ	9.8 UJ	13.3 J	8.8 UJ
SW8082	AROCOR-1254	ug/kg	105 J	11 UJ	11 UJ	9.2 UJ	12 UJ	214 J	10.6 J	8.8 UJ
SW8082	AROCOR-1260	ug/kg	40.4 J	11 UJ	11 UJ	9.2 UJ	12 UJ	59.8 J	8.7 UJ	8.8 UJ
SW8082	AROCOR-1268	ug/kg	9 UJ	11 UJ	11 UJ	9.2 UJ	12 UJ	9.8 UJ	8.7 UJ	8.8 UJ
SW8082	PCBS, N.O.S.	ug/kg	274 J	11 UJ	11 UJ	9.2 UJ	12 UJ	506 J	23.9 J	8.8 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	14 UJ	18 UJ	17 UJ	15 UJ	17 UJ	14 UJ	13 UJ	12 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	14 UJ	18 UJ	17 UJ	15 UJ	17 UJ	14 UJ	13 UJ	12 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	1.4 J	18 UJ	17 UJ	2.6 J	17 UJ	4.7 J	0.88 J	12 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	14 UJ	18 UJ	17 UJ	15 UJ	17 UJ	6.1 J	0.59 J	12 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	14 UJ	18 UJ	17 UJ	15 UJ	17 UJ	4.9 J	13 UJ	12 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	2.7 J	18 UJ	17 UJ	4.8 J	17 UJ	12.3 J	1.5 J	0.88 J
SW8260	BENZENE	ug/kg	5.9 J	8.3 J	7.1 J	7.7 J	4.4 J	5.1 J	11.2 J	10.8 J
SW8260	CHLOROBENZENE	ug/kg	2 J	18 UJ	17 UJ	15 UJ	17 UJ	7.5 J	13 UJ	12 UJ
SW8260	ETHYLBENZENE	ug/kg	2.7 UJ	2 J	3.1 J	5.7 J	3.5 UJ	2.1 J	2.6 UJ	2.5 UJ
SW8260	NAPHTHALENE	ug/kg	65.2 J	422 J	625 J	2220 J	188 J	20.2 J	18.9 J	14.7 J
SW8260	O-XYLENE	ug/kg	5.8 J	8.2 J	12.5 J	21.8 J	5.2 J	3.9 J	1.8 J	1.3 J
SW8260	TOLUENE	ug/kg	2.7 UJ	6.2 J	7.4 J	10.4 J	3.6 J	2.4 J	4.1 J	4 J
SW8260	XYLENES, M & P	ug/kg	5.6 J	12.3 J	21.4 J	41.5 J	9 J	5 J	2.7 J	1.9 J
SW8260	XYLENES, TOTAL	ug/kg	11.4 J	20.6 J	33.8 J	63.3 J	14.2 J	8.9 J	4.5 J	3.3 J
SW8270	ACENAPHTHENE	ug/kg	107 J	20 UJ	36.3 J	16 UJ	21 UJ	29.3 J	15 UJ	15 UJ
SW8270	ACENAPHTHYLENE	ug/kg	164 J	20 UJ	71 J	153 J	21 UJ	91.3 J	7.9 J	9.29 J
SW8270	ANTHRACENE	ug/kg	237 J	20 UJ	69.5 J	214 J	22.1 J	176 J	11.2 J	13.5 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	359 J	64.4 J	141 J	333 J	49 J	232 J	24.4 J	22.2 J
SW8270	BENZO(A)PYRENE	ug/kg	315 J	32.7 J	123 J	269 J	31.8 J	180 J	17.7 J	21.2 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	322 J	67 J	107 J	424 J	61.3 J	418 J	38.5 J	34.7 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	227 J	30.9 J	87.5 J	163 J	26.9 J	126 J	13.5 J	14.2 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	292 J	20 UJ	136 J	243 J	21 UJ	79.6 J	9.27 J	16.4 J
SW8270	CHRYSENE	ug/kg	573 J	47.4 J	214 J	426 J	39.9 J	271 J	17.4 J	23.3 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	67.2 J	20 UJ	43.5 J	64.3 J	21 UJ	72.4 J	15 UJ	15 UJ
SW8270	FLUORANTHENE	ug/kg	689 J	213 J	287 J	512 J	82 J	476 J	51.9 J	58.6 J
SW8270	FLUORENE	ug/kg	744 J	22.9 J	326 J	167 J	23.4 J	1030 J	51.8 J	51.2 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	205 J	34.8 J	112 J	145 J	30.3 J	114 J	9.73 J	11.6 J
SW8270	PHENANTHRENE	ug/kg	664 J	74.6 J	240 J	507 J	84.2 J	299 J	39.1 J	42.4 J
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg	1020 J	192 J	348 J	806 J	94.6 J	493 J	59.7 J	65.6 J
SW9045	pH	S.U.	9.72 J	10.79 J	11.05 J	10.94 J	10.99 J	9.18 J	10.71 J	10.87 J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30127	OL-VC-30127	OL-VC-30127	OL-VC-30127	OL-VC-30128	OL-VC-30128	OL-VC-30128	OL-VC-30128
		Sample Depth	2-3 Ft	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-0848-09	OL-0848-10	OL-0848-11	OL-0848-12	OL-0847-20	OL-0848-01	OL-0848-02	OL-0848-03
		Sample Date	7/28/2009	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	JA24182	JA24182	JA24181	JA24182	JA24182	JA24182
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%					33.7			
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	13000 J	6960 J	6550 J	7960 J	35000 J	74200 J	8050 J	7520 J
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	37.9	22.2	20.4	18.1		27.5	24.9	21.3
SW7471	MERCURY	mg/kg	0.33 J	0.41 J	0.2 J	0.36 J	4.2 J	13.5 J	0.39 J	0.49 J
SW8082	AROCOLOR-1016	ug/kg	8.8 UJ	15 UJ	16 UJ	18 UJ	9.9 UJ	12 UJ	13 UJ	16 UJ
SW8082	AROCOLOR-1221	ug/kg	8.8 UJ	15 UJ	16 UJ	18 UJ	9.9 UJ	12 UJ	13 UJ	16 UJ
SW8082	AROCOLOR-1232	ug/kg	8.8 UJ	15 UJ	16 UJ	18 UJ	9.9 UJ	12 UJ	13 UJ	16 UJ
SW8082	AROCOLOR-1242	ug/kg	8.8 UJ	15 UJ	16 UJ	18 UJ	9.9 UJ	12 UJ	13 UJ	16 UJ
SW8082	AROCOLOR-1248	ug/kg	14.1 J	15 UJ	16 UJ	68.8 J	580 J	540 J	23 J	28.9 J
SW8082	AROCOLOR-1254	ug/kg	9.3 J	15 UJ	16 UJ	58.5 J	331 J	452 J	20.2 J	16 UJ
SW8082	AROCOLOR-1260	ug/kg	8.8 UJ	15 UJ	16 UJ	22 J	143 J	166 J	13 UJ	16 UJ
SW8082	AROCOLOR-1268	ug/kg	8.8 UJ	15 UJ	16 UJ	18 UJ	9.9 UJ	12 UJ	13 UJ	16 UJ
SW8082	PCBS, N.O.S.	ug/kg	23.4 J	15 UJ	16 UJ	149 J	1050 J	1160 J	43.2 J	28.9 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	12 UJ	25 UJ	25 UJ	29 UJ	14 UJ	17 UJ	21 UJ	22 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	12 UJ	25 UJ	25 UJ	29 UJ	14 UJ	17 UJ	21 UJ	22 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	2 J	2.3 J	1.9 J	1.7 J	3.6 J	6.2 J	2.2 J	3.2 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	12 UJ	25 UJ	25 UJ	29 UJ	14 UJ	8 J	21 UJ	22 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	12 UJ	25 UJ	25 UJ	29 UJ	7 J	5.5 J	21 UJ	22 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	2.8 J	3.7 J	3.5 J	3.1 J	14.9 J	12.9 J	2.4 J	3.7 J
SW8260	BENZENE	ug/kg	11.9 J	35.9 J	39.4 J	38.4 J	2.9 UJ	9.4 J	23.9 J	31.1 J
SW8260	CHLOROBENZENE	ug/kg	12 UJ	2 J	2.1 J	29 UJ	17 J	9.2 J	1.6 J	2.1 J
SW8260	ETHYLBENZENE	ug/kg	2.7 J	3.3 J	3 J	2.9 J	2.9 UJ	2 J	3 J	4.4 J
SW8260	NAPHTHALENE	ug/kg	142 J	252 J	232 J	244 J	14 UJ	46.1 J	210 J	489 J
SW8260	O-XYLENE	ug/kg	7.1 J	11.6 J	11.4 J	10 J	4.2 J	10.1 J	11.6 J	18.1 J
SW8260	TOLUENE	ug/kg	9.2 J	21.6 J	24.1 J	22.8 J	2.9 UJ	3.8 J	13.5 J	20.4 J
SW8260	XYLENES, M & P	ug/kg	11.5 J	22.7 J	23.8 J	22.7 J	2.8 J	11.1 J	23.8 J	35.8 J
SW8260	XYLENES, TOTAL	ug/kg	18.6 J	34.3 J	35.2 J	32.7 J	7 J	21.2 J	35.4 J	53.9 J
SW8270	ACENAPHTHENE	ug/kg	30.8 J	21.3 J	28 UJ	32 UJ	16.6 J	130 J	45.6 J	36.9 J
SW8270	ACENAPHTHYLENE	ug/kg	105 J	118 J	28 UJ	32 UJ	48 J	288 J	87.7 J	125 J
SW8270	ANTHRACENE	ug/kg	98.2 J	138 J	18.5 J	23.5 J	61.4 J	392 J	179 J	181 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	228 J	316 J	26.8 J	44.4 J	160 J	659 J	246 J	252 J
SW8270	BENZO(A)PYRENE	ug/kg	169 J	198 J	20.8 J	46.3 J	143 J	470 J	156 J	142 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	385 J	342 J	37.6 J	76.7 J	369 J	851 J	317 J	210 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	116 J	142 J	28 UJ	40.2 J	99.4 J	285 J	135 J	82.6 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	71.3 J	77.2 J	11.5 J	31.3 J	84.8 J	236 J	69.6 J	56.4 J
SW8270	CHRYSENE	ug/kg	249 J	218 J	29.1 J	42.7 J	184 J	818 J	186 J	184 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	68.4 J	33.4 J	28 UJ	32 UJ	70.3 J	127 J	31.3 J	20.5 J
SW8270	FLUORANTHENE	ug/kg	407 J	497 J	87.3 J	123 J	343 J	1630 J	516 J	441 J
SW8270	FLUORENE	ug/kg	430 J	218 J	44.9 J	64.5 J	568 J	3680 J	472 J	298 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	118 J	115 J	28 UJ	32.1 J	90 J	296 J	106 J	63.9 J
SW8270	PHENANTHRENE	ug/kg	288 J	446 J	87.7 J	86.1 J	200 J	1680 J	535 J	621 J
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg	445 J	573 J	90.2 J	122 J	312 J	1650 J	530 J	651 J
SW9045	pH	S.U.	11.04 J	11.35 J	11.92 J	11.85 J	7.87 J	8.81 J	10.9 J	11.15 J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30128	OL-VC-30128	OL-VC-30144	OL-VC-30144	OL-VC-30144	OL-VC-30144	OL-VC-30144	OL-VC-30144	OL-VC-30145
		Sample Depth	4-5 Ft	5-6 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-0848-04	OL-0848-05	OL-1025-17	OL-1025-18	OL-1025-19	OL-1025-20	OL-1026-01	OL-1025-12	
		Sample Date	7/28/2009	7/28/2009	9/23/2009	9/23/2009	9/23/2009	9/23/2009	9/23/2009	9/23/2009	
		Sample Delivery Group	JA24182	JA24182	OLS05	OLS05	OLS05	OLS05	OLS06	OLS05	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	3310 J	5370 J	25900 J	24000 J	30700 J	34300 J	31100 J	6070	
SM2540G	PERCENT MOISTURE	%			57.8	55.1	61.7	56.7	56.7	35.4	
SM2540G	SOLIDS, PERCENT	%	19.4	17.1							
SW7471	MERCURY	mg/kg	0.23 J	0.23 J	1.56 J	1.93 J	2.36 J	16.4 J	2.52 J	1.02 J	
SW8082	AROCOLOR-1016	ug/kg	17 UJ	19 UJ	20 UJ	19 UJ	440 UJ	390 UJ	20 UJ	13 U	
SW8082	AROCOLOR-1221	ug/kg	17 UJ	19 UJ	20 UJ	19 UJ	440 UJ	390 UJ	20 UJ	13 U	
SW8082	AROCOLOR-1232	ug/kg	17 UJ	19 UJ	20 UJ	19 UJ	440 UJ	390 UJ	20 UJ	13 U	
SW8082	AROCOLOR-1242	ug/kg	17 UJ	19 UJ	20 UJ	19 UJ	440 UJ	390 UJ	20 UJ	13 U	
SW8082	AROCOLOR-1248	ug/kg	17 UJ	19 UJ	63 J	67 J	1500 J	960 J	73 J	16	
SW8082	AROCOLOR-1254	ug/kg	17 UJ	19 UJ	37 J	42 J	740 J	620 J	170 J	7.4 J	
SW8082	AROCOLOR-1260	ug/kg	17 UJ	19 UJ	25 J	23 J	360 J	390 UJ	77 J	4.6 J	
SW8082	AROCOLOR-1268	ug/kg	17 UJ	19 UJ	20 UJ	19 UJ	440 UJ	240 J	20 UJ	13 U	
SW8082	PCBS, N.O.S.	ug/kg	17 UJ	19 UJ	120 J	130 J	2600 J	1800 J	320 J	28	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	24 UJ	31 UJ	12 UJ	11 UJ	14 UJ	12 UJ	11 UJ	8 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	24 UJ	2.9 J	12 UJ	11 UJ	14 UJ	12 UJ	11 UJ	8 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	2.4 J	5.8 J	12 UJ	11 UJ	3 J	4 J	11 UJ	8 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	24 UJ	31 UJ	12 UJ	11 UJ	14 UJ	2 J	11 UJ	8 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	24 UJ	31 UJ	12 UJ	11 UJ	60 J	26 J	11 UJ	8 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	2.7 J	8.6 J	4 J	4 J	48 J	16 J	11 UJ	8 U	
SW8260	BENZENE	ug/kg	49.6 J	54.9 J	12 UJ	11 UJ	14 UJ	1 J	2 J	8 U	
SW8260	CHLOROBENZENE	ug/kg	2.7 J	4.9 J	12 UJ	2 J	26 J	8 J	11 UJ	8 U	
SW8260	ETHYLBENZENE	ug/kg	4.3 J	8 J	12 UJ	11 UJ	14 UJ	12 UJ	11 UJ	8 U	
SW8260	NAPHTHALENE	ug/kg	317 J	758 J	12 UJ	11 UJ	14 UJ	12 UJ	11 UJ	8 U	
SW8260	O-XYLENE	ug/kg	19.3 J	38.7 J	12 UJ	11 UJ	14 J	9 J	11 UJ	8 U	
SW8260	TOLUENE	ug/kg	29.5 J	40.9 J	12 UJ	11 UJ	14 UJ	12 UJ	11 UJ	8 U	
SW8260	XYLENES, M & P	ug/kg	38.8 J	81.5 J	12 UJ	11 UJ	19 J	9 J	11 UJ	8 U	
SW8260	XYLENES, TOTAL	ug/kg	58.1 J	120 J	12 UJ	11 UJ	33 J	21 J	11 UJ	8 U	
SW8270	ACENAPHTHENE	ug/kg	29 UJ	33 UJ	39 UJ	37 UJ	32 J	83 J	38 UJ	26 U	
SW8270	ACENAPHTHYLENE	ug/kg	26.9 J	33 UJ	11 J	11 J	32 J	51 J	23 J	26 U	
SW8270	ANTHRACENE	ug/kg	62.7 J	36 J	25 J	25 J	63 J	160 J	34 J	5.3 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	61.1 J	27.7 J	230 J	170 J	320 J	490 J	130 J	35	
SW8270	BENZO(A)PYRENE	ug/kg	61.3 J	21.8 J	270 J	200 J	320 J	430 J	120 J	40	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	85.7 J	32.9 J	410 J	320 J	530 J	700 J	170 J	76	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	39.2 J	33 UJ	160 J	120 J	180 J	220 J	80 J	20 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	42.5 J	13.2 J	170 J	130 J	200 J	320 J	75 J	20 J	
SW8270	CHRYSENE	ug/kg	46.5 J	18.8 J	280 J	250 J	470 J	830 J	200 J	40	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	29 UJ	33 UJ	49 J	35 J	34 J	61 J	16 J	26 U	
SW8270	FLUORANTHENE	ug/kg	127 J	52.9 J	610 J	450 J	920 J	1500 J	360 J	96	
SW8270	FLUORENE	ug/kg	23.1 J	68 J	17 J	15 J	59 J	160 J	33 J	26 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	34.1 J	33 UJ	160 J	120 J	180 J	200 J	70 J	27	
SW8270	PHENANTHRENE	ug/kg	143 J	99.6 J	150 J	130 J	440 J	1100 J	200 J	31	
SW8270	PHENOL	ug/kg			160 UJ	150 UJ	170 UJ	150 UJ	150 UJ	100 U	
SW8270	PYRENE	ug/kg	171 J	80.5 J	520 J	400 J	830 J	1600 J	420 J	87	
SW9045	pH	S.U.	11.52 J	11.49 J	7.5 J	7.59 J	7.78 J	7.75 J	7.74 J	7.4	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30145	OL-VC-30145	OL-VC-30145	OL-VC-30145	OL-VC-30146	OL-VC-30146	OL-VC-30146	OL-VC-30146
		Sample Depth	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	1.00-2.00 Ft	2.00-3.00 Ft
		Field Sample ID	OL-1025-13	OL-1025-14	OL-1025-15	OL-1025-16	OL-1030-01	OL-1030-02	OL-1030-03	OL-1030-04
		Sample Date	9/23/2009	9/23/2009	9/23/2009	9/23/2009	9/28/2009	9/28/2009	9/28/2009	9/28/2009
		Sample Delivery Group	OLS05	OLS05	OLS05	OLS05	OLS10	OLS10	OLS10	OLS10
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	19200	23500	30500	31800	13100 J	18700 J	30100 J	22700 J
SM2540G	PERCENT MOISTURE	%	37.4	45.1	47.2	48.3	69.8	66.9	82.2	80
SM2540G	SOLIDS, PERCENT	%								
SW7471	MERCURY	mg/kg	2.12 J	9.69 J	5.75 J	0.248 J	0.0868 J	0.124 J	0.061 UJ	0.102 J
SW8082	AROCOR-1016	ug/kg	14 U	150 U	16 U	16 U	28 UJ	26 UJ	32 UJ	28 UJ
SW8082	AROCOR-1221	ug/kg	14 U	150 U	16 U	16 U	28 UJ	26 UJ	32 UJ	28 UJ
SW8082	AROCOR-1232	ug/kg	14 U	150 U	16 U	16 U	28 UJ	26 UJ	32 UJ	28 UJ
SW8082	AROCOR-1242	ug/kg	14 U	150 U	16 U	16 U	28 UJ	26 UJ	32 UJ	28 UJ
SW8082	AROCOR-1248	ug/kg	170	540	36	23	28 UJ	8.8 J	32 UJ	28 UJ
SW8082	AROCOR-1254	ug/kg	120	300	130	67	28 UJ	24 J	29 J	7.3 J
SW8082	AROCOR-1260	ug/kg	55	150 U	44	36	28 UJ	14 J	11 J	15 J
SW8082	AROCOR-1268	ug/kg	14 U	150 J	16 U	16 U	28 UJ	26 UJ	32 UJ	28 UJ
SW8082	PCBS, N.O.S.	ug/kg	340	990	210	130	28 UJ	47 J	40 J	23 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8 U	9 U	10 U	9 U	16 UJ	16 UJ	30 UJ	27 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8 U	9 U	10 U	9 U	16 UJ	16 UJ	30 UJ	27 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	8 U	9 U	10 U	9 U	16 UJ	16 UJ	30 UJ	27 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8 U	9 U	10 U	9 U	16 UJ	16 UJ	30 UJ	27 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	4 J	9 U	10 U	9 U	16 UJ	16 UJ	30 UJ	27 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	5 J	2 J	10 U	9 U	16 UJ	16 UJ	30 UJ	27 UJ
SW8260	BENZENE	ug/kg	2 J	4 J	5 J	3 J	7 J	9 J	24 J	22 J
SW8260	CHLOROBENZENE	ug/kg	3 J	9 U	10 U	9 U	16 UJ	16 UJ	30 UJ	27 UJ
SW8260	ETHYLBENZENE	ug/kg	8 U	9 U	10 U	9 U	16 UJ	16 UJ	30 UJ	27 UJ
SW8260	NAPHTHALENE	ug/kg	2 J	2 J	5 J	2 J	8 J	16 J	41 J	49 J
SW8260	O-XYLENE	ug/kg	8 U	9 U	10 U	9 U	16 UJ	3 J	8 J	8 J
SW8260	TOLUENE	ug/kg	8 U	9 U	10 U	9 U	4 J	6 J	15 J	14 J
SW8260	XYLENES, M & P	ug/kg	2 J	9 U	10 U	9 U	16 UJ	3 J	8 J	9 J
SW8260	XYLENES, TOTAL	ug/kg	2 J	9 U	10 U	9 U	16 UJ	7 J	16 J	19 J
SW8270	ACENAPHTHENE	ug/kg	27 U	30 U	18 J	43	55 UJ	50 UJ	94 UJ	83 UJ
SW8270	ACENAPHTHYLENE	ug/kg	12 J	13 J	23 J	58 J	55 UJ	12 J	94 UJ	18 J
SW8270	ANTHRACENE	ug/kg	18 J	32	34	57	55 UJ	50 UJ	25 J	31 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	140	120	160	260	55 UJ	60 J	95 J	52 J
SW8270	BENZO(A)PYRENE	ug/kg	100	79	110	200	55 UJ	68 J	39 J	57 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	180	140	170	280	55 UJ	100 J	78 J	51 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	55	29 J	43	85	55 UJ	48 J	94 UJ	83 UJ
SW8270	BENZO(K)FLUORANTHENE	ug/kg	57	39	71	130	55 UJ	26 J	94 UJ	83 UJ
SW8270	CHRYSENE	ug/kg	210	190	250	420	55 UJ	110 J	96 J	91 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	18 J	30 U	15 J	22 J	55 UJ	22 J	94 UJ	83 UJ
SW8270	FLUORANTHENE	ug/kg	370	360	510	870	260 J	230 J	210 J	170 J
SW8270	FLUORENE	ug/kg	18 J	24 J	34	76	55 UJ	50 UJ	94 UJ	83 UJ
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	53	36	43	79	55 UJ	48 J	94 UJ	83 UJ
SW8270	PHENANTHRENE	ug/kg	120	180	250	580	23 J	120 J	130 J	130 J
SW8270	PHENOL	ug/kg	110 U	120 U	130 U	130 U	3900 J	3500 J	12000 J	8800 J
SW8270	PYRENE	ug/kg	380	350	570	1100	170 J	170 J	190 J	170 J
SW9045	pH	S.U.	7.39	7.16	7.13	7.12	11.6 J	11.5 J	11.9 J	12 J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		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	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	0.50-1.00 Ft	0.50-1.00 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	OL-1028-07	OL-1028-07
		Sample Date	9/28/2009	9/28/2009	9/28/2009	9/28/2009	9/28/2009	9/28/2009	9/24/2009	9/24/2009	9/24/2009
		Sample Delivery Group	OLS10	OLS10	OLS10	OLS10	OLS10	OLS10	OLS08	OLS08	OLS08
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical 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 J	16700 J	
SM2540G	PERCENT MOISTURE	%	74.7	58.9	55.6	66.2	76.4	62.4	65.4	71.9	
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 J	0.336 J	
SW8082	AROCOR-1016	ug/kg	22 UJ	21 UJ	380 UJ	500 UJ	24 UJ	23 UJ	25 UJ	20 UJ	
SW8082	AROCOR-1221	ug/kg	22 UJ	21 UJ	380 UJ	500 UJ	24 UJ	23 UJ	25 UJ	20 UJ	
SW8082	AROCOR-1232	ug/kg	22 UJ	21 UJ	380 UJ	500 UJ	24 UJ	23 UJ	25 UJ	20 UJ	
SW8082	AROCOR-1242	ug/kg	22 UJ	21 UJ	380 UJ	500 UJ	24 UJ	23 UJ	25 UJ	20 UJ	
SW8082	AROCOR-1248	ug/kg	22 UJ	34 J	790 J	1400 J	21 J	14 J	25 UJ	20 UJ	
SW8082	AROCOR-1254	ug/kg	5.9 J	36 J	540 J	910 J	38 J	41 J	25 UJ	20 UJ	
SW8082	AROCOR-1260	ug/kg	22 UJ	16 J	240 J	340 J	9.2 J	16 J	7.2 J	20 UJ	
SW8082	AROCOR-1268	ug/kg	22 UJ	21 UJ	380 UJ	500 UJ	24 UJ	23 UJ	25 UJ	20 UJ	
SW8082	PCBS, N.O.S.	ug/kg	22 UJ	86 J	1600 J	2700 J	68 J	71 J	25 UJ	20 UJ	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	21 UJ	12 UJ	11 UJ	14 UJ	20 UJ	13 UJ	15 UJ	19 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	21 UJ	12 UJ	11 UJ	14 UJ	20 UJ	13 UJ	15 UJ	19 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	21 UJ	2 J	3 J	7 J	20 UJ	13 UJ	3 J	19 UJ	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	21 UJ	12 UJ	3 J	7 J	20 UJ	13 UJ	15 UJ	19 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	21 UJ	12 UJ	23 J	8 J	20 UJ	13 UJ	15 UJ	19 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	21 UJ	6 J	41 J	31 J	20 UJ	3 J	5 J	19 UJ	
SW8260	BENZENE	ug/kg	20 J	12 UJ	11 UJ	9 J	15 J	9 J	9 J	16 J	
SW8260	CHLOROBENZENE	ug/kg	21 UJ	3 J	17 J	8 J	20 UJ	13 UJ	15 UJ	19 UJ	
SW8260	ETHYLBENZENE	ug/kg	21 UJ	12 UJ	11 UJ	14 UJ	20 UJ	13 UJ	15 UJ	19 UJ	
SW8260	NAPHTHALENE	ug/kg	24 J	12 UJ	11 UJ	5 J	14 J	12 J	44 J	36 J	
SW8260	O-XYLENE	ug/kg	6 J	12 UJ	3 J	6 J	20 UJ	13 UJ	5 J	5 J	
SW8260	TOLUENE	ug/kg	11 J	12 UJ	11 UJ	5 J	7 J	6 J	10 J	14 J	
SW8260	XYLENES, M & P	ug/kg	6 J	12 UJ	4 J	8 J	20 UJ	3 J	9 J	9 J	
SW8260	XYLENES, TOTAL	ug/kg	11 J	12 UJ	7 J	14 J	20 UJ	3 J	15 J	15 J	
SW8270	ACENAPHTHENE	ug/kg	66 UJ	41 UJ	41 J	56 J	710 UJ	44 UJ	9.2 J	59 UJ	
SW8270	ACENAPHTHYLENE	ug/kg	66 UJ	20 J	51 J	81 J	710 UJ	17 J	17 J	21 J	
SW8270	ANTHRACENE	ug/kg	66 UJ	34 J	88 J	180 J	8.6 J	26 J	25 J	38 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	9.9 J	170 J	390 J	490 J	710 UJ	97 J	80 J	110 J	
SW8270	BENZO(A)PYRENE	ug/kg	66 UJ	220 J	370 J	470 J	710 UJ	93 J	81 J	90 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	7.4 J	320 J	610 J	760 J	710 UJ	150 J	130 J	160 J	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	66 UJ	160 J	290 J	380 J	8.5 J	77 J	49 J	57 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	66 UJ	110 J	170 J	260 J	710 UJ	47 J	42 J	64 J	
SW8270	CHRYSENE	ug/kg	66 UJ	190 J	530 J	750 J	710 UJ	140 J	92 J	130 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	66 UJ	69 J	71 J	110 J	710 UJ	23 J	19 J	59 UJ	
SW8270	FLUORANTHENE	ug/kg	66 UJ	330 J	920 J	1400 J	76 J	320 J	180 J	270 J	
SW8270	FLUORENE	ug/kg	66 UJ	23 J	90 J	120 J	710 UJ	32 J	17 J	59 UJ	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	66 UJ	160 J	270 J	300 J	8.4 J	67 J	47 J	56 J	
SW8270	PHENANTHRENE	ug/kg	66 UJ	110 J	350 J	900 J	710 UJ	170 J	93 J	150 J	
SW8270	PHENOL	ug/kg	5800 J	160 UJ	150 UJ	3000 J	16000 J	6400 J	2500 J	4400 J	
SW8270	PYRENE	ug/kg	66 UJ	330 J	840 J	1300 J	710 UJ	260 J	160 J	250 J	
SW9045	pH	S.U.	12 J	8.04 J	7.97 J	9.35 J	11 J	11.3 J	11.4 J	11.8 J	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30148	OL-VC-30148	OL-VC-30148	OL-VC-30148	OL-VC-30149	OL-VC-30149	OL-VC-30149	OL-VC-30149
		Sample Depth	1.00-2.00 Ft	2.00-3.00 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-1028-08	OL-1028-09	OL-1028-10	OL-1028-11	OL-1029-01	OL-1029-02	OL-1029-03	OL-1029-04
		Sample Date	9/24/2009	9/24/2009	9/24/2009	9/24/2009	9/25/2009	9/25/2009	9/25/2009	9/25/2009
		Sample Delivery Group	OLS08	OLS08	OLS08	OLS08	OLS09	OLS09	OLS09	OLS09
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	17200 J	20600 J	14800 J	17900 J	15500 J	13700 J	30400 J	16600 J
SM2540G	PERCENT MOISTURE	%	72.9	78.4	75.9	77.6	67.9	72.4	82.3	73.3
SM2540G	SOLIDS, PERCENT	%								
SW7471	MERCURY	mg/kg	0.0398 UJ	0.227 J	0.0581 J	0.118 J	0.2 J	0.039 UJ	0.0638 UJ	0.267 J
SW8082	AROCOR-1016	ug/kg	21 UJ	26 UJ	24 UJ	25 UJ	26 UJ	21 UJ	32 UJ	21 UJ
SW8082	AROCOR-1221	ug/kg	21 UJ	26 UJ	24 UJ	25 UJ	26 UJ	21 UJ	32 UJ	21 UJ
SW8082	AROCOR-1232	ug/kg	21 UJ	26 UJ	24 UJ	25 UJ	26 UJ	21 UJ	32 UJ	21 UJ
SW8082	AROCOR-1242	ug/kg	21 UJ	26 UJ	24 UJ	25 UJ	26 UJ	21 UJ	32 UJ	21 UJ
SW8082	AROCOR-1248	ug/kg	21 UJ	26 UJ	24 UJ	25 UJ	26 UJ	21 UJ	32 UJ	21 UJ
SW8082	AROCOR-1254	ug/kg	21 UJ	26 UJ	24 UJ	25 UJ	7.3 J	21 UJ	32 UJ	21 UJ
SW8082	AROCOR-1260	ug/kg	21 UJ	26 UJ	24 UJ	25 UJ	6.8 J	21 UJ	32 UJ	21 UJ
SW8082	AROCOR-1268	ug/kg	21 UJ	26 UJ	24 UJ	25 UJ	26 UJ	21 UJ	32 UJ	21 UJ
SW8082	PCBS, N.O.S.	ug/kg	21 UJ	26 UJ	24 UJ	25 UJ	14 J	21 UJ	32 UJ	21 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	20 UJ	23 UJ	21 UJ	22 UJ	17 UJ	18 UJ	27 UJ	20 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	20 UJ	23 UJ	21 UJ	22 UJ	17 UJ	18 UJ	27 UJ	20 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	20 UJ	23 UJ	21 UJ	22 UJ	17 UJ	18 UJ	27 UJ	4 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	20 UJ	23 UJ	21 UJ	22 UJ	17 UJ	18 UJ	27 UJ	20 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	20 UJ	23 UJ	21 UJ	22 UJ	17 UJ	18 UJ	27 UJ	20 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	20 UJ	7 J	7 J	22 UJ	4 J	18 UJ	27 UJ	6 J
SW8260	BENZENE	ug/kg	18 J	31 J	29 J	11 J	6 J	9 J	24 J	14 J
SW8260	CHLOROBENZENE	ug/kg	20 UJ	23 UJ	21 UJ	22 UJ	17 UJ	18 UJ	27 UJ	20 UJ
SW8260	ETHYLBENZENE	ug/kg	20 UJ	23 UJ	21 UJ	22 UJ	17 UJ	18 UJ	27 UJ	20 UJ
SW8260	NAPHTHALENE	ug/kg	39 J	91 J	85 J	24 J	25 J	23 J	47 J	48 J
SW8260	O-XYLENE	ug/kg	6 J	11 J	11 J	22 UJ	17 UJ	18 UJ	7 J	6 J
SW8260	TOLUENE	ug/kg	16 J	32 J	29 J	10 J	7 J	9 J	24 J	16 J
SW8260	XYLENES, M & P	ug/kg	9 J	22 J	20 J	5 J	5 J	5 J	11 J	9 J
SW8260	XYLENES, TOTAL	ug/kg	16 J	33 J	31 J	5 J	5 J	5 J	18 J	16 J
SW8270	ACENAPHTHENE	ug/kg	9.3 J	8.1 J	35 UJ	37 UJ	15 J	8 J	94 UJ	62 UJ
SW8270	ACENAPHTHYLENE	ug/kg	15 J	9.6 J	22 J	8.4 J	26 J	9.1 J	37 J	16 J
SW8270	ANTHRACENE	ug/kg	37 J	31 J	47 J	29 J	50 J	31 J	97 J	45 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	93 J	69 J	95 J	55 J	130 J	69 J	160 J	200 J
SW8270	BENZO(A)PYRENE	ug/kg	78 J	45 J	83 J	43 J	140 J	60 UJ	85 J	200 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	75 J	59 J	82 J	64 J	170 J	61 J	110 J	240 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	40 J	19 J	44 J	26 J	70 J	60 UJ	94 UJ	70 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	45 J	25 J	35 J	32 J	64 J	60 UJ	94 UJ	91 J
SW8270	CHRYSENE	ug/kg	99 J	72 J	130 J	65 J	150 J	73 J	170 J	170 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	9.1 J	7.7 UJ	9.6 J	6.7 J	16 J	60 UJ	94 UJ	62 UJ
SW8270	FLUORANTHENE	ug/kg	250 J	170 J	270 J	150 J	290 J	99 J	430 J	260 J
SW8270	FLUORENE	ug/kg	16 J	7.4 J	24 J	15 J	33 J	8.2 J	94 UJ	62 UJ
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	42 J	21 J	42 J	26 J	66 J	60 UJ	94 UJ	84 J
SW8270	PHENANTHRENE	ug/kg	120 J	110 J	160 J	130 J	170 J	54 J	270 J	140 J
SW8270	PHENOL	ug/kg	3200 J	1800 J	2400 J	2100 J	1500 J	4300 J	6700 J	2900 J
SW8270	PYRENE	ug/kg	260 J	160 J	270 J	120 J	300 J	96 J	500 J	240 J
SW9045	pH	S.U.	12.1 J	12.1 J	12.1 J	12.2 J	11.4 J	11.9 J	12 J	12.2 J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30149	OL-VC-30150	OL-VC-30150	OL-VC-30150	OL-VC-30150	OL-VC-30150	OL-VC-30150	OL-VC-30150	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	1.00-2.00 Ft	2.00-3.00 Ft	3.00-4.00 Ft	0.00-0.50 Ft
		Field Sample ID	OL-1029-05	OL-1030-11	OL-1030-12	OL-1030-13	OL-1030-14	OL-1030-15	OL-1030-16	OL-1029-06	
		Sample Date	9/25/2009	9/28/2009	9/28/2009	9/28/2009	9/28/2009	9/28/2009	9/28/2009	9/25/2009	
		Sample Delivery Group	OLS09	OLS10	OLS10	OLS10	OLS10	OLS10	OLS10	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	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	16100 J	18600 J	21300 J	23000 J	23100 J	33700 J	20800 J	23200	
SM2540G	PERCENT MOISTURE	%	74.8	65.2	64.3	76.4	73.9	84.4	80.4	41	
SM2540G	SOLIDS, PERCENT	%									
SW7471	MERCURY	mg/kg	0.146 J	0.507 J	0.546 J	0.136 J	0.26 J	0.1 J	0.143 J	4.16	
SW8082	AROCOLOR-1016	ug/kg	22 UJ	24 UJ	24 UJ	24 UJ	22 UJ	36 UJ	29 UJ	14 U	
SW8082	AROCOLOR-1221	ug/kg	22 UJ	24 UJ	24 UJ	24 UJ	22 UJ	36 UJ	29 UJ	14 U	
SW8082	AROCOLOR-1232	ug/kg	22 UJ	24 UJ	24 UJ	24 UJ	22 UJ	36 UJ	29 UJ	14 U	
SW8082	AROCOLOR-1242	ug/kg	22 UJ	24 UJ	24 UJ	24 UJ	22 UJ	36 UJ	29 UJ	14 U	
SW8082	AROCOLOR-1248	ug/kg	22 UJ	14 J	13 J	24 UJ	8.7 J	36 UJ	29 UJ	140	
SW8082	AROCOLOR-1254	ug/kg	22 UJ	29 J	44 J	24 UJ	22 UJ	36 UJ	29 UJ	130	
SW8082	AROCOLOR-1260	ug/kg	22 UJ	23 J	23 J	24 UJ	22 UJ	36 UJ	29 UJ	42	
SW8082	AROCOLOR-1268	ug/kg	22 UJ	24 UJ	24 UJ	24 UJ	22 UJ	36 UJ	29 UJ	14 U	
SW8082	PCBS, N.O.S.	ug/kg	22 UJ	67 J	80 J	24 UJ	8.7 J	36 UJ	29 UJ	310	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	21 UJ	15 UJ	14 UJ	21 UJ	21 UJ	33 UJ	28 UJ	9 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	21 UJ	15 UJ	14 UJ	21 UJ	21 UJ	33 UJ	28 UJ	9 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	21 UJ	15 UJ	14 UJ	21 UJ	21 UJ	33 UJ	28 UJ	3 J	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	21 UJ	15 UJ	14 UJ	21 UJ	21 UJ	33 UJ	28 UJ	9 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	21 UJ	15 UJ	14 UJ	21 UJ	21 UJ	33 UJ	28 UJ	9 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	5 J	15 UJ	3 J	4 J	6 J	9 J	8 J	5 J	
SW8260	BENZENE	ug/kg	23 J	7 J	7 J	14 J	12 J	22 J	17 J	94 J	
SW8260	CHLOROBENZENE	ug/kg	21 UJ	15 UJ	14 UJ	21 UJ	21 UJ	33 UJ	28 UJ	9 UJ	
SW8260	ETHYLBENZENE	ug/kg	21 UJ	15 UJ	14 UJ	21 UJ	21 UJ	33 UJ	28 UJ	9 UJ	
SW8260	NAPHTHALENE	ug/kg	70 J	10 J	12 J	27 J	29 J	58 J	50 J	11 J	
SW8260	O-XYLENE	ug/kg	8 J	15 UJ	14 UJ	21 UJ	4 J	7 J	7 J	9 UJ	
SW8260	TOLUENE	ug/kg	23 J	4 J	5 J	12 J	11 J	22 J	19 J	5 J	
SW8260	XYLENES, M & P	ug/kg	16 J	15 UJ	14 UJ	6 J	6 J	13 J	11 J	3 J	
SW8260	XYLENES, TOTAL	ug/kg	24 J	15 UJ	14 UJ	6 J	6 J	20 J	17 J	3 J	
SW8270	ACENAPHTHENE	ug/kg	66 UJ	48 UJ	47 UJ	36 J	62 J	110 UJ	85 UJ	31	
SW8270	ACENAPHTHYLENE	ug/kg	9.7 J	25 J	23 J	40 J	81 J	39 J	85 UJ	45	
SW8270	ANTHRACENE	ug/kg	34 J	54 J	46 J	120 J	190 J	63 J	85 UJ	37	
SW8270	BENZO(A)ANTHRACENE	ug/kg	59 J	120 J	160 J	280 J	420 J	180 J	85 UJ	360	
SW8270	BENZO(A)PYRENE	ug/kg	39 J	72 J	140 J	250 J	340 J	59 J	85 UJ	360	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	52 J	83 J	150 J	270 J	410 J	77 J	85 UJ	470	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	66 UJ	28 J	93 J	140 J	180 J	110 UJ	85 UJ	170	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	66 UJ	32 J	120 J	150 J	240 J	59 J	85 UJ	180	
SW8270	CHRYSENE	ug/kg	69 J	160 J	210 J	310 J	500 J	210 J	34 J	460	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	66 UJ	48 UJ	31 J	50 J	69 J	110 UJ	85 UJ	56	
SW8270	FLUORANTHENE	ug/kg	160 J	280 J	400 J	680 J	980 J	530 J	110 J	520	
SW8270	FLUORENE	ug/kg	66 UJ	48 UJ	39 J	70 J	98 J	110 UJ	85 UJ	50	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	66 UJ	32 J	74 J	120 J	180 J	110 UJ	85 UJ	150	
SW8270	PHENANTHRENE	ug/kg	130 J	150 J	210 J	350 J	610 J	270 J	100 J	220	
SW8270	PHENOL	ug/kg	1600 J	6400 J	2000 J	8900 J	5200 J	11000 J	3900 J	490	
SW8270	PYRENE	ug/kg	160 J	330 J	410 J	610 J	990 J	570 J	65 J	600	
SW9045	pH	S.U.	12.2 J	11.2 J	10.7 J	11.6 J	11.6 J	12 J	12.1 J	10	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30151	OL-VC-30151	OL-VC-30151	OL-VC-30151	OL-VC-30151	OL-VC-30152	OL-VC-30152
		Sample Depth	0.50-1.00 Ft	1.00-2.00 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-1029-07	OL-1029-08	OL-1029-09	OL-1029-10	OL-1029-11	OL-1030-17	OL-1030-18
		Sample Date	9/25/2009	9/25/2009	9/25/2009	9/25/2009	9/25/2009	9/28/2009	9/28/2009
		Sample Delivery Group	OLS09	OLS09	OLS09	OLS09	OLS09	OLS10	OLS10
		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
Analytical Method	Parameter Name	Units							
ASTM D4643-00	SOLIDS, PERCENT	%							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	27300	32400 J	24200 J	21900 J	30000 J	25300 J	28800 J
SM2540G	PERCENT MOISTURE	%	49.7	72.2	66.9	73.5	73.5	68.2	63.6
SM2540G	SOLIDS, PERCENT	%							
SW7471	MERCURY	mg/kg	2.25	0.42 J	0.821 J	0.326 J	0.201 J	1.01 J	24.7 J
SW8082	AROCOR-1016	ug/kg	17 U	20 UJ	26 UJ	21 UJ	32 UJ	27 UJ	120 UJ
SW8082	AROCOR-1221	ug/kg	17 U	20 UJ	26 UJ	21 UJ	32 UJ	27 UJ	120 UJ
SW8082	AROCOR-1232	ug/kg	17 U	20 UJ	26 UJ	21 UJ	32 UJ	27 UJ	120 UJ
SW8082	AROCOR-1242	ug/kg	17 U	20 UJ	26 UJ	21 UJ	32 UJ	27 UJ	120 UJ
SW8082	AROCOR-1248	ug/kg	44	20 UJ	26 UJ	21 UJ	32 UJ	26 J	320 J
SW8082	AROCOR-1254	ug/kg	74	4 J	5.2 J	21 UJ	32 UJ	70 J	510 J
SW8082	AROCOR-1260	ug/kg	26	20 UJ	26 UJ	21 UJ	32 UJ	45 J	190 J
SW8082	AROCOR-1268	ug/kg	17 U	20 UJ	26 UJ	21 UJ	32 UJ	27 UJ	120 UJ
SW8082	PCBS, N.O.S.	ug/kg	140	20 UJ	26 UJ	21 UJ	32 UJ	140 J	1000 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	10 UJ	980 UJ	780 UJ	920 UJ	960 UJ	15 UJ	14 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	10 UJ	980 UJ	780 UJ	920 UJ	960 UJ	15 UJ	14 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	3 J	980 UJ	780 UJ	920 UJ	960 UJ	7 J	14 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	10 UJ	20 UJ	16 UJ	19 UJ	20 UJ	6 J	14 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	10 UJ	980 UJ	780 UJ	920 UJ	960 UJ	13 J	14 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	5 J	980 UJ	780 UJ	920 UJ	960 UJ	26 J	4 J
SW8260	BENZENE	ug/kg	390 J	1800 J	890 J	2300 J	2600 J	8 J	10 J
SW8260	CHLOROBENZENE	ug/kg	10 UJ	980 UJ	780 UJ	920 UJ	960 UJ	9 J	14 UJ
SW8260	ETHYLBENZENE	ug/kg	2 J	980 UJ	780 UJ	920 UJ	960 UJ	15 UJ	14 UJ
SW8260	NAPHTHALENE	ug/kg	26 J	980 UJ	780 UJ	920 UJ	960 UJ	15 J	21 J
SW8260	O-XYLENE	ug/kg	4 J	980 UJ	780 UJ	920 UJ	960 UJ	5 J	14 UJ
SW8260	TOLUENE	ug/kg	11 J	980 UJ	780 UJ	920 UJ	960 UJ	4 J	5 J
SW8260	XYLENES, M & P	ug/kg	6 J	980 UJ	8 J	920 UJ	960 UJ	6 J	3 J
SW8260	XYLENES, TOTAL	ug/kg	11 J	980 UJ	780 UJ	920 UJ	960 UJ	11 J	3 J
SW8270	ACENAPHTHENE	ug/kg	33	29 J	22 J	310 UJ	9.8 J	41 J	78 J
SW8270	ACENAPHTHYLENE	ug/kg	58	33 J	23 J	310 UJ	9.1 J	35 J	95 J
SW8270	ANTHRACENE	ug/kg	56	69 J	70 J	46 J	35 J	53 J	200 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	260	130 J	79 J	91 J	94 J	230 J	700 J
SW8270	BENZO(A)PYRENE	ug/kg	240	94 J	54 J	60 J	67 J	200 J	660 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	330	120 J	80 J	67 J	79 J	330 J	890 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	100	43 J	23 J	310 UJ	25 J	130 J	400 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	120	39 J	23 J	310 UJ	31 J	110 J	290 J
SW8270	CHRYSENE	ug/kg	380	180 J	98 J	94 J	94 J	340 J	1100 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	35	60 UJ	7.6 J	7 J	63 UJ	46 J	120 J
SW8270	FLUORANTHENE	ug/kg	550	350 J	230 J	250 J	260 J	630 J	1700 J
SW8270	FLUORENE	ug/kg	80	76 J	46 J	310 UJ	63 UJ	79 J	140 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	99	44 J	24 J	310 UJ	63 UJ	140 J	370 J
SW8270	PHENANTHRENE	ug/kg	340	400 J	280 J	240 J	160 J	360 J	940 J
SW8270	PHENOL	ug/kg	1400	8100 J	5700 J	6500 J	6300 J	2700 J	240 J
SW8270	PYRENE	ug/kg	760	400 J	310 J	240 J	210 J	690 J	1900 J
SW9045	pH	S.U.	10.5	11.7 J	11.6 J	12 J	12 J	10.7 J	8.84 J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30152	OL-VC-30152	OL-VC-30152	OL-VC-30153	OL-VC-30153	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	3.00-3.90 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	OL-1027-05	
		Sample Date	9/28/2009	9/28/2009	9/28/2009	9/24/2009	9/24/2009	9/24/2009	9/24/2009	9/24/2009	
		Sample Delivery Group	OLS10	OLS10	OLS11	OLS07	OLS07	OLS07	OLS07	OLS07	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical 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 J	20300 J	
SM2540G	PERCENT MOISTURE	%	62.1	76	71.5	69.1	65.8	66.4	66.4	64.9	
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 J	0.0912 J	
SW8082	AROCOLOR-1016	ug/kg	22 UJ	24 UJ	20 UJ	28 UJ	25 UJ	25 UJ	25 UJ	24 UJ	
SW8082	AROCOLOR-1221	ug/kg	22 UJ	24 UJ	20 UJ	28 UJ	25 UJ	25 UJ	25 UJ	24 UJ	
SW8082	AROCOLOR-1232	ug/kg	22 UJ	24 UJ	20 UJ	28 UJ	25 UJ	25 UJ	25 UJ	24 UJ	
SW8082	AROCOLOR-1242	ug/kg	22 UJ	24 UJ	20 UJ	28 UJ	25 UJ	25 UJ	25 UJ	24 UJ	
SW8082	AROCOLOR-1248	ug/kg	15 J	24 UJ	20 UJ	28 UJ	25 UJ	25 UJ	25 UJ	24 UJ	
SW8082	AROCOLOR-1254	ug/kg	10 J	24 UJ	20 UJ	28 UJ	25 UJ	25 UJ	25 UJ	24 UJ	
SW8082	AROCOLOR-1260	ug/kg	6 J	24 UJ	20 UJ	28 UJ	25 UJ	25 UJ	25 UJ	24 UJ	
SW8082	AROCOLOR-1268	ug/kg	22 UJ	24 UJ	20 UJ	28 UJ	25 UJ	25 UJ	25 UJ	24 UJ	
SW8082	PCBS, N.O.S.	ug/kg	31 J	24 UJ	20 UJ	28 UJ	25 UJ	25 UJ	25 UJ	24 UJ	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	13 UJ	20 UJ	18 UJ	850 UJ	720 UJ	680 UJ	720 UJ	730 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	13 UJ	20 UJ	18 UJ	850 UJ	720 UJ	680 UJ	720 UJ	730 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	13 UJ	20 UJ	18 UJ	850 UJ	720 UJ	680 UJ	720 UJ	730 UJ	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	13 UJ	20 UJ	18 UJ	850 UJ	720 UJ	680 UJ	720 UJ	730 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	13 UJ	20 UJ	18 UJ	850 UJ	720 UJ	680 UJ	720 UJ	730 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	4 J	20 UJ	18 UJ	850 UJ	720 UJ	680 UJ	720 UJ	730 UJ	
SW8260	BENZENE	ug/kg	10 J	18 J	11 J	980 J	970 J	2300 J	2300 J	2600 J	
SW8260	CHLOROBENZENE	ug/kg	13 UJ	20 UJ	18 UJ	850 UJ	720 UJ	680 UJ	720 UJ	730 UJ	
SW8260	ETHYLBENZENE	ug/kg	13 UJ	20 UJ	18 UJ	850 UJ	720 UJ	680 UJ	720 UJ	730 UJ	
SW8260	NAPHTHALENE	ug/kg	36 J	72 J	72 J	850 UJ	720 UJ	680 UJ	720 UJ	75 J	
SW8260	O-XYLENE	ug/kg	13 UJ	20 UJ	18 UJ	850 UJ	9 J	680 UJ	720 UJ	730 UJ	
SW8260	TOLUENE	ug/kg	6 J	10 J	8 J	850 UJ	720 UJ	410 J	470 J	750 J	
SW8260	XYLENES, M & P	ug/kg	4 J	7 J	6 J	9 J	720 UJ	680 UJ	720 UJ	730 UJ	
SW8260	XYLENES, TOTAL	ug/kg	4 J	7 J	6 J	850 UJ	720 UJ	680 UJ	720 UJ	730 UJ	
SW8270	ACENAPHTHENE	ug/kg	48 J	54 J	7.2 J	54 UJ	49 UJ	50 UJ	50 UJ	5 J	
SW8270	ACENAPHTHYLENE	ug/kg	74 J	70 J	58 UJ	14 J	27 J	7.1 J	6.9 J	7.1 J	
SW8270	ANTHRACENE	ug/kg	100 J	99 J	58 UJ	120 J	72 J	28 J	24 J	35 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	410 J	350 J	58 UJ	260 J	400 J	21 J	55 J	33 J	
SW8270	BENZO(A)PYRENE	ug/kg	420 J	360 J	58 UJ	190 J	280 J	50 UJ	27 J	47 UJ	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	530 J	560 J	58 UJ	230 J	340 J	50 UJ	35 J	47 UJ	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	220 J	230 J	8 J	120 J	180 J	50 UJ	50 UJ	5.8 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	160 J	83 J	58 UJ	95 J	78 J	6.2 J	21 J	7.9 J	
SW8270	CHRYSENE	ug/kg	490 J	420 J	58 UJ	300 J	410 J	26 J	54 J	32 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	67 J	59 J	58 UJ	37 J	51 J	50 UJ	50 UJ	47 UJ	
SW8270	FLUORANTHENE	ug/kg	870 J	770 J	69 J	780 J	950 J	94 J	140 J	93 J	
SW8270	FLUORENE	ug/kg	110 J	95 J	7.6 J	38 J	41 J	7.6 J	50 UJ	47 UJ	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	190 J	180 J	8.7 J	95 J	170 J	50 UJ	50 UJ	9.8 J	
SW8270	PHENANTHRENE	ug/kg	470 J	360 J	62 J	450 J	470 J	120 J	92 J	89 J	
SW8270	PHENOL	ug/kg	5500 J	5500 J	5600 J	3000 J	3600 J	3600 J	4300 J	4800 J	
SW8270	PYRENE	ug/kg	860 J	750 J	59 J	510 J	600 J	61 J	89 J	80 J	
SW9045	pH	S.U.	11.1 J	11.6 J	11.8 J	11.7 J	11.9 J	12 J	12 J	12 J	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30154	OL-VC-30154	OL-VC-30154	OL-VC-30154	OL-VC-30154	OL-VC-30154	OL-VC-30154	OL-VC-30155	OL-VC-30155
		Sample Depth	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	3.00-4.00 Ft	0.00-0.50 Ft	0.50-1.00 Ft	
		Field Sample ID	OL-1027-06	OL-1027-07	OL-1027-08	OL-1027-09	OL-1027-10	OL-1027-11	OL-1023-11	OL-1023-12	
		Sample Date	9/24/2009	9/24/2009	9/24/2009	9/24/2009	9/24/2009	9/24/2009	9/22/2009	9/22/2009	
		Sample Delivery Group	OLS07	OLS07	OLS07	OLS07	OLS07	OLS07	OLS01 OLS03	OLS01 OLS03	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	14400 J	13400 J	16800 J	17300 J	20600 J	18400 J	43100 J	27400 J	
SM2540G	PERCENT MOISTURE	%	68.9	69.3	70.2	70.7	67.3	65.8	64.6	71.1	
SM2540G	SOLIDS, PERCENT	%									
SW7471	MERCURY	mg/kg	0.105 J	0.12 J	0.155 J	0.179 J	0.116 J	0.309 J	0.829 J	0.232 J	
SW8082	AROCOLOR-1016	ug/kg	27 UJ	28 UJ	19 UJ	19 UJ	26 UJ	25 UJ	24 UJ	29 UJ	
SW8082	AROCOLOR-1221	ug/kg	27 UJ	28 UJ	19 UJ	19 UJ	26 UJ	30 J	24 UJ	29 UJ	
SW8082	AROCOLOR-1232	ug/kg	27 UJ	28 UJ	19 UJ	19 UJ	26 UJ	25 UJ	24 UJ	29 UJ	
SW8082	AROCOLOR-1242	ug/kg	27 UJ	28 UJ	19 UJ	19 UJ	26 UJ	25 UJ	24 UJ	29 UJ	
SW8082	AROCOLOR-1248	ug/kg	27 UJ	28 UJ	19 UJ	19 UJ	26 UJ	25 UJ	69 J	21 J	
SW8082	AROCOLOR-1254	ug/kg	27 UJ	28 UJ	19 UJ	19 UJ	26 UJ	25 UJ	120 J	36 J	
SW8082	AROCOLOR-1260	ug/kg	27 UJ	28 UJ	19 UJ	19 UJ	26 UJ	25 UJ	63 J	34 J	
SW8082	AROCOLOR-1268	ug/kg	27 UJ	28 UJ	19 UJ	19 UJ	26 UJ	25 UJ	24 UJ	29 UJ	
SW8082	PCBS, N.O.S.	ug/kg	27 UJ	28 UJ	19 UJ	19 UJ	26 UJ	30 J	250 J	91 J	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	770 UJ	810 UJ	860 UJ	820 UJ	730 UJ	760 UJ	15 UJ	18 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	770 UJ	810 UJ	860 UJ	820 UJ	730 UJ	760 UJ	15 UJ	18 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	770 UJ	810 UJ	860 UJ	820 UJ	730 UJ	8 J	6 J	4 J	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	770 UJ	810 UJ	860 UJ	820 UJ	730 UJ	760 UJ	15 UJ	18 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	770 UJ	810 UJ	860 UJ	820 UJ	730 UJ	760 UJ	15 UJ	18 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	770 UJ	810 UJ	860 UJ	820 UJ	730 UJ	760 UJ	12 J	6 J	
SW8260	BENZENE	ug/kg	2400 J	2600 J	2700 J	3100 J	2600 J	3700 J	390 J	210 J	
SW8260	CHLOROBENZENE	ug/kg	770 UJ	810 UJ	860 UJ	820 UJ	730 UJ	9 J	5 J	18 UJ	
SW8260	ETHYLBENZENE	ug/kg	9 J	810 UJ	860 UJ	9 J	9 J	760 UJ	77 J	6 J	
SW8260	NAPHTHALENE	ug/kg	770 UJ	810 UJ	220 J	270 J	250 J	500 J	130 J	79 J	
SW8260	O-XYLENE	ug/kg	89 J	810 UJ	860 UJ	93 J	74 J	91 J	5 J	7 J	
SW8260	TOLUENE	ug/kg	490 J	540 J	700 J	850 J	870 J	1800 J	6 J	11 J	
SW8260	XYLENES, M & P	ug/kg	770 UJ	810 UJ	860 UJ	820 UJ	730 UJ	760 UJ	240 J	18 J	
SW8260	XYLENES, TOTAL	ug/kg	770 UJ	810 UJ	860 UJ	820 UJ	730 UJ	760 UJ	250 J	24 J	
SW8270	ACENAPHTHENE	ug/kg	54 UJ	54 UJ	56 UJ	57 UJ	3.1 J	49 UJ	38 J	19 J	
SW8270	ACENAPHTHYLENE	ug/kg	6.1 J	54 UJ	56 UJ	57 UJ	4.2 J	9.8 J	47 J	31 J	
SW8270	ANTHRACENE	ug/kg	36 J	33 J	56 UJ	19 J	31 J	18 J	84 J	31 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	63 J	66 J	56 UJ	31 J	56 J	31 J	380 J	160 J	
SW8270	BENZO(A)PYRENE	ug/kg	50 J	45 J	56 UJ	57 UJ	16 J	49 UJ	370 J	140 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	45 J	51 J	56 UJ	57 UJ	21 J	49 UJ	580 J	210 J	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	31 J	54 UJ	9 J	6.7 J	8.2 J	49 UJ	190 J	72 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	54 UJ	54 UJ	9.2 J	7.8 J	9.1 J	49 UJ	190 J	74 J	
SW8270	CHRYSENE	ug/kg	69 J	67 J	27 J	30 J	41 J	26 J	450 J	200 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	54 UJ	54 UJ	56 UJ	57 UJ	3 J	49 UJ	56 J	22 J	
SW8270	FLUORANTHENE	ug/kg	210 J	200 J	97 J	87 J	98 J	79 J	620 J	340 J	
SW8270	FLUORENE	ug/kg	54 UJ	54 UJ	7.4 J	6.6 J	7.6 J	49 UJ	90 J	45 J	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	54 UJ	54 UJ	9.3 J	6.7 J	7.8 J	49 UJ	170 J	69 J	
SW8270	PHENANTHRENE	ug/kg	130 J	74 J	85 J	78 J	96 J	68 J	430 J	240 J	
SW8270	PHENOL	ug/kg	3000 J	3700 J	3800 J	3700 J	3300 J	2300 J			
SW8270	PYRENE	ug/kg	150 J	88 J	74 J	69 J	80 J	62 J	950 J	500 J	
SW9045	pH	S.U.	11.8 J	11.9 J	12 J	12 J	12 J	11.9 J	10.1 J	10.8 J	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30155	OL-VC-30155	OL-VC-30155	OL-VC-30155	OL-VC-30156	OL-VC-30156	OL-VC-30156	OL-VC-30156
		Sample Depth	1.00-2.00 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	1.00-2.00 Ft	2.00-3.00 Ft
		Field Sample ID	OL-1023-13	OL-1023-14	OL-1023-15	OL-1023-16	OL-1023-17	OL-1023-18	OL-1023-19	OL-1023-20
		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	OLS01 OLS03	OLS01 OLS03	OLS01 OLS03	OLS01 OLS03	OLS01 OLS03	OLS01 OLS03	OLS01 OLS03
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	17900 J	35500 J	22600 J	27700 J	28700 J	33000 J	46100 J	46300 J
SM2540G	PERCENT MOISTURE	%	75	75.7	81.4	73.7	61.4	60	57.9	62.5
SM2540G	SOLIDS, PERCENT	%								
SW7471	MERCURY	mg/kg	0.362 J	0.231 J	0.0945 J	0.216 J	2.07 J	2.02 J	16.9 J	7.44 J
SW8082	AROCOLOR-1016	ug/kg	34 UJ	35 UJ	46 UJ	32 UJ	44 UJ	43 UJ	200 UJ	110 UJ
SW8082	AROCOLOR-1221	ug/kg	34 UJ	35 UJ	46 UJ	32 UJ	44 UJ	43 UJ	200 UJ	110 UJ
SW8082	AROCOLOR-1232	ug/kg	34 UJ	35 UJ	46 UJ	32 UJ	44 UJ	43 UJ	200 UJ	110 UJ
SW8082	AROCOLOR-1242	ug/kg	34 UJ	35 UJ	46 UJ	32 UJ	44 UJ	43 UJ	200 UJ	110 UJ
SW8082	AROCOLOR-1248	ug/kg	12 J	16 J	46 UJ	32 UJ	170 J	200 J	1800 J	260 J
SW8082	AROCOLOR-1254	ug/kg	14 J	15 J	46 UJ	32 UJ	170 J	150 J	1100 J	310 J
SW8082	AROCOLOR-1260	ug/kg	16 J	25 J	12 J	23 J	90 J	93 J	480 J	150 J
SW8082	AROCOLOR-1268	ug/kg	34 UJ	35 UJ	46 UJ	32 UJ	44 UJ	43 UJ	200 UJ	110 UJ
SW8082	PCBS, N.O.S.	ug/kg	42 J	56 J	46 UJ	23 J	430 J	450 J	3300 J	720 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	20 UJ	20 UJ	27 UJ	20 UJ	12 UJ	14 UJ	13 UJ	13 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	20 UJ	20 UJ	27 UJ	20 UJ	12 UJ	14 UJ	13 UJ	13 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	20 UJ	7 J	27 UJ	6 J	5 J	5 J	6 J	13 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	20 UJ	20 UJ	27 UJ	20 UJ	12 UJ	14 UJ	8 J	8 J
SW8260	1,3-DICHLOROBENZENE	ug/kg	20 UJ	20 UJ	27 UJ	20 UJ	3 J	4 J	33 J	9 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	20 UJ	11 J	27 UJ	8 J	14 J	17 J	71 J	32 J
SW8260	BENZENE	ug/kg	450 J	610 J	960 J	980 J	4 J	2 J	6 J	24 J
SW8260	CHLOROBENZENE	ug/kg	20 UJ	20 UJ	27 UJ	20 UJ	9 J	15 J	48 J	17 J
SW8260	ETHYLBENZENE	ug/kg	20 UJ	5 J	27 UJ	5 J	12 UJ	14 UJ	2 J	6 J
SW8260	NAPHTHALENE	ug/kg	64 J	170 J	88 J	180 J	3 J	14 UJ	3 J	42 J
SW8260	O-XYLENE	ug/kg	5 J	13 J	8 J	15 J	12 UJ	14 UJ	10 J	18 J
SW8260	TOLUENE	ug/kg	12 J	22 J	21 J	25 J	12 UJ	14 UJ	13 UJ	8 J
SW8260	XYLENES, M & P	ug/kg	8 J	20 J	10 J	21 J	6 J	3 J	14 J	22 J
SW8260	XYLENES, TOTAL	ug/kg	13 J	33 J	18 J	36 J	6 J	3 J	24 J	40 J
SW8270	ACENAPHTHENE	ug/kg	8.5 J	10 J	5.2 J	16 J	43 UJ	25 J	65 J	130 J
SW8270	ACENAPHTHYLENE	ug/kg	19 J	23 J	6.9 J	32 J	20 J	40 J	46 J	99 J
SW8270	ANTHRACENE	ug/kg	24 J	36 J	18 J	69 J	38 J	66 J	160 J	250 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	76 J	110 J	44 J	290 J	200 J	340 J	540 J	780 J
SW8270	BENZO(A)PYRENE	ug/kg	56 J	85 J	27 J	170 J	230 J	400 J	470 J	660 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	82 J	130 J	34 J	260 J	350 J	620 J	820 J	1000 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	23 J	39 J	13 J	76 J	160 J	240 J	260 J	290 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	38 J	32 J	13 J	73 J	110 J	180 J	200 J	310 J
SW8270	CHRYSENE	ug/kg	94 J	140 J	48 J	290 J	220 J	410 J	700 J	950 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	8.8 J	13 J	4.3 J	25 J	48 J	67 J	71 J	94 J
SW8270	FLUORANTHENE	ug/kg	200 J	310 J	140 J	790 J	370 J	760 J	1200 J	1700 J
SW8270	FLUORENE	ug/kg	24 J	26 J	13 J	42 J	20 J	46 J	130 J	240 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	26 J	39 J	12 J	83 J	140 J	230 J	260 J	280 J
SW8270	PHENANTHRENE	ug/kg	120 J	170 J	82 J	260 J	140 J	220 J	770 J	1300 J
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg	250 J	260 J	110 J	610 J	370 J	640 J	1300 J	1900 J
SW9045	pH	S.U.	11.3 J	11.2 J	11.5 J	11.4 J	8.04 J	7.9 J	7.93 J	8.5 J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-30156	OL-VC-40213	OL-VC-40213	OL-VC-40213	OL-VC-40213	OL-VC-40213	OL-VC-40213	OL-VC-40214	OL-VC-40214
		Sample Depth	3.00-4.00 Ft	0-1 Ft	1-2 Ft	1-2 Ft	2-3 Ft	3-4 Ft	0-1 Ft	1-2 Ft	
		Field Sample ID	OL-1024-01	OL-0856-01	OL-0856-02	OL-0856-03	OL-0856-04	OL-0856-05	OL-0856-06	OL-0856-07	
		Sample Date	9/22/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	
		Sample Delivery Group	OLS02 OLS04	JA24577	JA24577	JA24577	JA24577	JA24577	JA24577	JA24577	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	30800 J	10300	9760	9950	7270	14600	7480	5910	
SM2540G	PERCENT MOISTURE	%	64.2								
SM2540G	SOLIDS, PERCENT	%		50.7	55.5	56	60.3	61.3	56.8	63.2	
SW7471	MERCURY	mg/kg	0.247 J	0.039 J	0.022 U	0.021 U	0.019 U	0.019 U	0.022 U	0.019 U	
SW8082	AROCOR-1016	ug/kg	24 UJ	5.8 U	6 U	6 U	5.5 U	5.4 U	5.8 U	5.2 U	
SW8082	AROCOR-1221	ug/kg	24 UJ	5.8 U	6 U	6 U	5.5 U	5.4 U	5.8 U	5.2 U	
SW8082	AROCOR-1232	ug/kg	24 UJ	5.8 U	6 U	6 U	5.5 U	5.4 U	5.8 U	5.2 U	
SW8082	AROCOR-1242	ug/kg	24 UJ	5.8 U	6 U	6 U	5.5 U	5.4 U	5.8 U	5.2 U	
SW8082	AROCOR-1248	ug/kg	18 J	32.4	6 U	6 U	5.5 U	5.4 U	5.8 U	5.2 U	
SW8082	AROCOR-1254	ug/kg	36 J	17.5	6 U	6 U	5.5 U	5.4 U	5.8 U	5.2 U	
SW8082	AROCOR-1260	ug/kg	47 J	5.8 U	6 U	6 U	5.5 U	5.4 U	5.8 U	5.2 U	
SW8082	AROCOR-1268	ug/kg	24 UJ	5.8 U	6 U	6 U	5.5 U	5.4 U	5.8 U	5.2 U	
SW8082	PCBS, N.O.S.	ug/kg	100 J	49.9	6 U	6 U	5.5 U	5.4 U	5.8 U	5.2 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	14 UJ	9.7 U	8.7 U	8.3 U	7.7 U	7.7 U	8.6 U	7.6 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	14 UJ	9.7 U	8.7 U	8.3 U	7.7 U	7.7 U	8.6 U	7.6 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	14 UJ	9.7 U	8.7 U	8.3 U	7.7 U	7.7 U	8.6 U	7.6 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	14 UJ	9.7 U	8.7 U	8.3 U	7.7 U	7.7 U	8.6 U	7.6 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	14 UJ	9.7 U	8.7 U	8.3 U	7.7 U	7.7 U	8.6 U	7.6 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	4 J	9.7 U	8.7 U	8.3 U	7.7 U	7.7 U	8.6 U	7.6 U	
SW8260	BENZENE	ug/kg	12 J	1.9 U	1.7 U	1.7 U	1.5 U	1.5 U	1.7 U	1.5 U	
SW8260	CHLOROBENZENE	ug/kg	14 UJ	9.7 U	8.7 U	8.3 U	7.7 U	7.7 U	8.6 U	7.6 U	
SW8260	ETHYLBENZENE	ug/kg	14 UJ	1.9 U	1.7 U	1.7 U	1.5 U	1.5 U	1.7 U	1.5 U	
SW8260	NAPHTHALENE	ug/kg	44 J	9.7 U	8.7 U	8.3 U	7.7 U	7.7 U	8.6 U	7.6 U	
SW8260	O-XYLENE	ug/kg	6 J	1.9 U	1.7 U	1.7 U	1.5 U	1.5 U	1.7 U	1.5 U	
SW8260	TOLUENE	ug/kg	6 J	1.9 U	1.7 U	1.7 U	1.5 U	1.5 U	1.7 U	1.5 U	
SW8260	XYLENES, M & P	ug/kg	7 J	3.9 U	3.5 U	3.3 U	3.1 U	3.1 U	3.5 U	3 U	
SW8260	XYLENES, TOTAL	ug/kg	13 J	3.9 U	3.5 U	3.3 U	3.1 U	3.1 U	3.5 U	3 U	
SW8270	ACENAPHTHENE	ug/kg	47 UJ	5.6 U	10 U	10 U	9.5 U	9.3 U	10 U	4.5 U	
SW8270	ACENAPHTHYLENE	ug/kg	24 J	5.6 U	10 U	10 U	9.5 U	9.3 U	10 U	4.5 U	
SW8270	ANTHRACENE	ug/kg	41 J	5.6 U	10 U	10 U	9.5 U	9.3 U	10 U	4.5 U	
SW8270	BENZO(A)ANTHRACENE	ug/kg	70 J	5.6 U	10 U	10 U	9.5 U	9.3 U	10 U	4.5 U	
SW8270	BENZO(A)PYRENE	ug/kg	70 J	5.6 U	10 U	10 U	9.5 U	9.3 U	10 U	4.5 U	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	88 J	5.6 U	10 U	10 U	9.5 U	9.3 U	10 U	4.5 U	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	75 J	5.6 U	10 U	10 U	9.5 U	9.3 U	10 U	4.5 U	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	56 J	5.6 U	10 U	10 U	9.5 U	9.3 U	10 U	4.5 U	
SW8270	CHRYSENE	ug/kg	87 J	5.6 U	10 U	10 U	9.5 U	9.3 U	10 U	4.5 U	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	47 UJ	5.6 U	10 U	10 U	9.5 U	9.3 U	10 U	4.5 U	
SW8270	FLUORANTHENE	ug/kg	360 J	5.6 U	10 U	10 U	9.5 U	9.3 U	10 U	4.5 U	
SW8270	FLUORENE	ug/kg	47 UJ	5.6 U	10 U	10 U	9.5 U	9.3 U	10 U	4.5 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	71 J	5.6 U	10 U	10 U	9.5 U	9.3 U	10 U	4.5 U	
SW8270	PHENANTHRENE	ug/kg	99 J	5.6 U	10 U	10 U	9.5 U	9.3 U	10 U	4.5 U	
SW8270	PHENOL	ug/kg		56 U	51 U	51 U	47 U	47 U	50 U	45 U	
SW8270	PYRENE	ug/kg	360 J	5.6 U	10 U	10 U	9.5 U	9.3 U	10 U	4.5 U	
SW9045	pH	S.U.	9.45 J	7.6	7.46	7.43	7.6	7.59	7.67	7.78	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-40214	OL-VC-40214	OL-VC-40215	OL-VC-40215	OL-VC-40215	OL-VC-40215	OL-VC-40215	OL-VC-40215	OL-VC-40215
		Sample Depth	2-3 Ft	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-0856-08	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	7/31/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	
		Sample Delivery Group	JA24577	JA24577	JA25599	JA25599	JA25599	JA25599	JA25599	JA25599	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	6420	3020	6860	5770	9500	13200	16200	15900	J
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	53.2	55.9	56.8	58.4	55.5	53.5	52.8	48.8	
SW7471	MERCURY	mg/kg	0.022 U	0.021 U	11.1	50.6	0.03 J	0.031 J	0.022 U	0.022 UJ	
SW8082	AROCOLOR-1016	ug/kg	6.2 U	6 U	5.8 U	5.6 U	5.9 U	6.1 U	6.2 U	6.7 UJ	
SW8082	AROCOLOR-1221	ug/kg	6.2 U	6 U	5.8 U	5.6 U	5.9 U	6.1 U	6.2 U	6.7 UJ	
SW8082	AROCOLOR-1232	ug/kg	6.2 U	6 U	5.8 U	5.6 U	5.9 U	6.1 U	6.2 U	6.7 UJ	
SW8082	AROCOLOR-1242	ug/kg	6.2 U	6 U	5.8 U	5.6 U	5.9 U	6.1 U	6.2 U	6.7 UJ	
SW8082	AROCOLOR-1248	ug/kg	6.2 U	6 U	24.1	20.9	5.9 U	6.1 U	6.2 U	6.7 UJ	
SW8082	AROCOLOR-1254	ug/kg	6.2 U	6 U	15.9	7.1 J	5.9 U	6.1 U	6.2 U	6.7 UJ	
SW8082	AROCOLOR-1260	ug/kg	6.2 U	6 U	5.8 U	5.6 U	5.9 U	6.1 U	6.2 U	6.7 UJ	
SW8082	AROCOLOR-1268	ug/kg	6.2 U	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	6.2 U	6 U	40	61.5	5.9 U	6.1 U	6.2 U	6.7 UJ	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9.4 U	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	9.4 U	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	9.4 U	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	9.4 U	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	9.4 U	8.6 U	43.1	54.2	16.1	9.7 U	9.1 U	9.5 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	9.4 U	8.6 U	90.7	68.5	15.9	9.7 U	9.1 U	9.5 UJ	
SW8260	BENZENE	ug/kg	1.9 U	1.7 U	3.1	5.9	3.9	2.3	1.8 U	1.9 UJ	
SW8260	CHLOROBENZENE	ug/kg	9.4 U	8.6 U	354	655	281	71.4	5.8 J	1.1 J	
SW8260	ETHYLBENZENE	ug/kg	1.9 U	1.7 U	34.4	16.6	0.82 J	1.9 U	1.8 U	1.9 UJ	
SW8260	NAPHTHALENE	ug/kg	9.4 U	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	1.9 U	1.7 U	96.4	157	55.4	1.9 U	1.8 U	1.9 UJ	
SW8260	TOLUENE	ug/kg	1.9 U	1.7 U	1.2 J	1.7	1.8 U	1.9 U	1.8 U	1.9 UJ	
SW8260	XYLENES, M & P	ug/kg	3.8 U	3.4 U	854	2050	36.1	3.9 U	3.6 U	3.8 UJ	
SW8260	XYLENES, TOTAL	ug/kg	3.8 U	3.4 U	950	2210	91.5	3.9 U	3.6 U	3.8 UJ	
SW8270	ACENAPHTHENE	ug/kg	11 U	10 U	5 U	4.9 U	5.1 U	5.3 U	5.4 U	5.9 UJ	
SW8270	ACENAPHTHYLENE	ug/kg	11 U	10 U	5 U	4.9 U	5.1 U	5.3 U	5.4 U	5.9 UJ	
SW8270	ANTHRACENE	ug/kg	11 U	10 U	5 U	9.01	5.1 U	5.3 U	5.4 U	5.9 UJ	
SW8270	BENZO(A)ANTHRACENE	ug/kg	11 U	10 U	29.2	31.9	5.1 U	5.3 U	5.4 U	5.9 UJ	
SW8270	BENZO(A)PYRENE	ug/kg	11 U	10 U	11.5	15.9	5.1 U	5.3 U	5.4 U	5.9 UJ	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	11 U	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	11 U	10 U	10.5	20.5	5.1 U	5.3 U	5.4 U	5.9 UJ	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	11 U	10 U	9.08	11.7	5.1 U	5.3 U	5.4 U	5.9 UJ	
SW8270	CHRYSENE	ug/kg	11 U	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	11 U	10 U	12.4	4.9 U	5.1 U	5.3 U	5.4 U	5.9 UJ	
SW8270	FLUORANTHENE	ug/kg	11 U	10 U	31.9	48.4	5.1 U	5.3 U	5.4 U	5.9 UJ	
SW8270	FLUORENE	ug/kg	11 U	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	11 U	10 U	9.35	16.6	5.1 U	5.3 U	5.4 U	5.9 UJ	
SW8270	PHENANTHRENE	ug/kg	11 U	10 U	29.3	47.2	5.1 U	5.3 U	5.4 U	5.9 UJ	
SW8270	PHENOL	ug/kg	54 U	51 U	50 U	49 U	51 U	53 U	54 U	59 UJ	
SW8270	PYRENE	ug/kg	11 U	10 U	5 U	92.8	5.1 U	5.3 U	5.4 U	5.9 UJ	
SW9045	pH	S.U.	7.61	7.53	9.46	8.71	7.56	7.46	7.42	7.56	J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-40215	OL-VC-40215	OL-VC-40215	OL-VC-40215	OL-VC-40216	OL-VC-40216	OL-VC-40216	OL-VC-40216
		Sample Depth	6-7 Ft	7-8 Ft	8-9 Ft	9-10 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft
		Field Sample ID	OL-0882-16	OL-0882-17	OL-0882-18	OL-0882-19	OL-0882-20	OL-0883-01	OL-0883-02	OL-0883-03
		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	JA25599	JA25599	JA25599	JA25599	JA25599	JA25600	JA25600	JA25600
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	9980	10400	18900	18900	12900	7160	8860	8020
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	56.5	58.1	56	58	57.8	56.6	52.7	57.9
SW7471	MERCURY	mg/kg	0.021 U	0.019 U	0.019 U	0.019 U	5.8	0.15	0.02 U	0.02 U
SW8082	AROCOLOR-1016	ug/kg	5.8 U	5.7 U	5.9 U	5.6 U	5.7 U	5.8 U	6.3 U	5.8 U
SW8082	AROCOLOR-1221	ug/kg	5.8 U	5.7 U	5.9 U	5.6 U	5.7 U	5.8 U	6.3 U	5.8 U
SW8082	AROCOLOR-1232	ug/kg	5.8 U	5.7 U	5.9 U	5.6 U	5.7 U	5.8 U	6.3 U	5.8 U
SW8082	AROCOLOR-1242	ug/kg	5.8 U	5.7 U	5.9 U	5.6 U	5.7 U	5.8 U	6.3 U	5.8 U
SW8082	AROCOLOR-1248	ug/kg	5.8 U	5.7 U	5.9 U	5.6 U	17.8	5.8 U	6.3 U	5.8 U
SW8082	AROCOLOR-1254	ug/kg	5.8 U	5.7 U	5.9 U	5.6 U	8.4	5.8 U	6.3 U	5.8 U
SW8082	AROCOLOR-1260	ug/kg	5.8 U	5.7 U	5.9 U	5.6 U	5.7 U	5.8 U	6.3 U	5.8 U
SW8082	AROCOLOR-1268	ug/kg	5.8 U	5.7 U	5.9 U	5.6 U	6.9	5.8 U	6.3 U	5.8 U
SW8082	PCBS, N.O.S.	ug/kg	5.8 U	5.7 U	5.9 U	5.6 U	33.1 J	5.8 U	6.3 U	5.8 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.3 U	9.2 U	9.7 U	9 U	8.5 U	8.3 U	9.5 U	8.1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.3 U	9.2 U	9.7 U	9 U	8.5 U	8.3 U	9.5 U	8.1 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.3 U	9.2 U	9.7 U	9 U	8.5 U	0.5 J	9.5 U	8.1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.3 U	9.2 U	9.7 U	9 U	2.2 J	0.45 J	9.5 U	8.1 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.3 U	9.2 U	9.7 U	9 U	2.2 J	0.89 J	9.5 U	8.1 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.3 U	9.2 U	9.7 U	9 U	1 J	0.72 J	9.5 U	8.1 U
SW8260	BENZENE	ug/kg	1.7 U	1.8 U	1.9 U	1.8 U	1.7 U	1.7 U	1.9 U	1.6 U
SW8260	CHLOROBENZENE	ug/kg	8.3 U	9.2 U	9.7 U	9 U	8.5 U	0.57 J	9.5 U	8.1 U
SW8260	ETHYLBENZENE	ug/kg	1.7 U	1.8 U	1.9 U	1.8 U	1.7 U	1.7 U	1.9 U	1.6 U
SW8260	NAPHTHALENE	ug/kg	8.3 U	9.2 U	9.7 U	9 U	8.5 U	8.3 U	9.5 U	8.1 U
SW8260	O-XYLENE	ug/kg	1.7 U	1.8 U	1.9 U	1.8 U	1.7 U	1.7 U	1.9 U	1.6 U
SW8260	TOLUENE	ug/kg	1.7 U	1.8 U	1.9 U	1.8 U	1.7 U	1.7 U	1.9 U	1.6 U
SW8260	XYLENES, M & P	ug/kg	3.3 U	3.7 U	3.9 U	3.6 U	3.4 U	3.3 U	3.8 U	3.3 U
SW8260	XYLENES, TOTAL	ug/kg	3.3 U	3.7 U	3.9 U	3.6 U	3.4 U	3.3 U	3.8 U	3.3 U
SW8270	ACENAPHTHENE	ug/kg	5 U	4.9 U	5.1 U	4.9 U	4.9 U	5 U	5.4 U	4.9 U
SW8270	ACENAPHTHYLENE	ug/kg	5 U	4.9 U	5.1 U	4.9 U	4.9 U	5 U	5.4 U	4.9 U
SW8270	ANTHRACENE	ug/kg	5 U	4.9 U	5.1 U	4.9 U	4.9 U	5 U	5.4 U	4.9 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	5 U	4.9 U	5.1 U	4.9 U	15.1	5 U	5.4 U	4.9 U
SW8270	BENZO(A)PYRENE	ug/kg	5 U	4.9 U	5.1 U	4.9 U	6.21	5 U	5.4 U	4.9 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5 U	4.9 U	5.1 U	4.9 U	15.7	5 U	5.4 U	4.9 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5 U	4.9 U	5.1 U	4.9 U	6.66	5 U	5.4 U	4.9 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5 U	4.9 U	5.1 U	4.9 U	4.31 J	5 U	5.4 U	4.9 U
SW8270	CHRYSENE	ug/kg	5 U	4.9 U	5.1 U	4.9 U	7.69	5 U	5.4 U	4.9 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5 U	4.9 U	5.1 U	4.9 U	4.9 U	5 U	5.4 U	4.9 U
SW8270	FLUORANTHENE	ug/kg	5 U	4.9 U	5.1 U	4.9 U	14.3	5 U	5.4 U	4.9 U
SW8270	FLUORENE	ug/kg	5 U	4.9 U	5.1 U	4.9 U	4.9 U	5 U	5.4 U	4.9 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5 U	4.9 U	5.1 U	4.9 U	5.26	5 U	5.4 U	4.9 U
SW8270	PHENANTHRENE	ug/kg	5 U	4.9 U	5.1 U	13.7	13.5	5 U	5.4 U	4.9 U
SW8270	PHENOL	ug/kg	50 U	49 U	51 U	49 U	49 U	50 U	54 U	49 U
SW8270	PYRENE	ug/kg	5 U	4.9 U	5.1 U	4.9 U	46.2	5 U	5.4 U	4.9 U
SW9045	pH	S.U.	7.27	7.67	7.36	7.39	7.1	7.84	7.78	7.77

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-40216	OL-VC-40216	OL-VC-40216	OL-VC-40216	OL-VC-40216	OL-VC-40217	OL-VC-40217	OL-VC-40217
		Sample Depth	4-5 Ft	5-6 Ft	6-7 Ft	7-8 Ft	8-8.8 Ft	0-1 Ft	1-2 Ft	2-3 Ft
		Field Sample ID	OL-0883-04	OL-0883-05	OL-0883-06	OL-0883-07	OL-0883-08	OL-0859-01	OL-0859-02	OL-0859-03
		Sample Date	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/3/2009	8/3/2009	8/3/2009
		Sample Delivery Group	JA25600	JA25600	JA25600	JA25600	JA25600	JA24639	JA24639	JA24639
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	8370	7870	7340	7960	7150	8230	5000 J	6660
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	58.7	57.3	54.5	58.3	61.7	54.9	44.5	50.4
SW7471	MERCURY	mg/kg	0.02 U	0.02 U	0.022 U	0.019 U	0.019 U	6.3	20.7 J	27
SW8082	AROCOLOR-1016	ug/kg	5.7 U	5.7 U	6 U	5.6 U	5.4 U	6.1 U	7.5 UJ	6.6 U
SW8082	AROCOLOR-1221	ug/kg	5.7 U	5.7 U	6 U	5.6 U	5.4 U	6.1 U	7.5 UJ	6.6 U
SW8082	AROCOLOR-1232	ug/kg	5.7 U	5.7 U	6 U	5.6 U	5.4 U	6.1 U	7.5 UJ	6.6 U
SW8082	AROCOLOR-1242	ug/kg	5.7 U	5.7 U	6 U	5.6 U	5.4 U	6.1 U	7.5 UJ	6.6 U
SW8082	AROCOLOR-1248	ug/kg	5.7 U	5.7 U	6 U	5.6 U	5.4 U	31.3	51.6 J	45.6
SW8082	AROCOLOR-1254	ug/kg	5.7 U	5.7 U	6 U	5.6 U	5.4 U	30.2	28.3 J	18.3
SW8082	AROCOLOR-1260	ug/kg	5.7 U	5.7 U	6 U	5.6 U	5.4 U	6.1 U	16.9 J	6.6 U
SW8082	AROCOLOR-1268	ug/kg	5.7 U	5.7 U	6 U	5.6 U	5.4 U	43.5	7.5 UJ	6.6 U
SW8082	PCBS, N.O.S.	ug/kg	5.7 U	5.7 U	6 U	5.6 U	5.4 U	105	96.8 J	63.9
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.2 U	8.2 U	8.8 U	7.8 U	7.4 U	9.5 U	11 UJ	9.7 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.2 U	8.2 U	8.8 U	7.8 U	7.4 U	9.5 U	11 UJ	9.7 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.2 U	8.2 U	8.8 U	7.8 U	7.4 U	1.7 J	6.7 J	9.5 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.2 U	8.2 U	8.8 U	7.8 U	7.4 U	9.5 U	0.75 J	9.7 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.2 U	8.2 U	8.8 U	7.8 U	7.4 U	4.1 J	15.3 J	12.7
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.2 U	8.2 U	8.8 U	7.8 U	7.4 U	2.2 J	4.9 J	8.4 J
SW8260	BENZENE	ug/kg	1.6 U	1.6 U	1.8 U	1.6 U	1.5 U	1.9 U	2 J	3.9
SW8260	CHLOROBENZENE	ug/kg	8.2 U	8.2 U	8.8 U	7.8 U	7.4 U	7.2 J	36.9 J	75.5
SW8260	ETHYLBENZENE	ug/kg	1.6 U	1.6 U	1.8 U	1.6 U	1.5 U	0.75 J	5.5 J	13.5
SW8260	NAPHTHALENE	ug/kg	8.2 U	8.2 U	8.8 U	7.8 U	7.4 U	4.2 J	5.1 J	5.6 J
SW8260	O-XYLENE	ug/kg	1.6 U	1.6 U	1.8 U	1.6 U	1.5 U	2	13.1 J	33.5
SW8260	TOLUENE	ug/kg	1.6 U	1.6 U	1.8 U	1.6 U	1.5 U	1.9 U	1.8 J	3.2
SW8260	XYLENES, M & P	ug/kg	3.3 U	3.3 U	3.5 U	3.1 U	2.9 U	15.5	99.8 J	230
SW8260	XYLENES, TOTAL	ug/kg	3.3 U	3.3 U	3.5 U	3.1 U	2.9 U	17.5	113 J	263
SW8270	ACENAPHTHENE	ug/kg	4.9 U	5 U	5.2 U	4.9 U	4.6 U	5.2 U	6.4 UJ	5.7 U
SW8270	ACENAPHTHYLENE	ug/kg	4.9 U	5 U	5.2 U	4.9 U	4.6 U	5.2 U	6.4 UJ	5.7 U
SW8270	ANTHRACENE	ug/kg	4.9 U	5 U	5.2 U	4.9 U	4.6 U	5.2 U	6.4 UJ	5.7 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.9 U	5 U	5.2 U	4.9 U	4.6 U	25.7	6.4 UJ	15.2
SW8270	BENZO(A)PYRENE	ug/kg	4.9 U	5 U	5.2 U	4.9 U	4.6 U	22.3	6.4 UJ	5.7 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.9 U	5 U	5.2 U	4.9 U	4.6 U	37	6.4 UJ	5.7 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.9 U	5 U	5.2 U	4.9 U	4.6 U	16.1	6.4 UJ	5.7 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.9 U	5 U	5.2 U	4.9 U	4.6 U	14.1	6.4 UJ	5.7 U
SW8270	CHRYSENE	ug/kg	4.9 U	5 U	5.2 U	4.9 U	4.6 U	18.2	6.4 UJ	7.46
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.9 U	5 U	5.2 U	4.9 U	4.6 U	5.2 U	6.4 UJ	5.7 U
SW8270	FLUORANTHENE	ug/kg	4.9 U	5 U	5.2 U	4.9 U	4.6 U	52.9	15.4 J	22.7
SW8270	FLUORENE	ug/kg	4.9 U	5 U	5.2 U	4.9 U	4.6 U	5.2 U	6.4 UJ	5.7 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.9 U	5 U	5.2 U	4.9 U	4.6 U	13.2	6.4 UJ	5.7 U
SW8270	PHENANTHRENE	ug/kg	4.9 U	5 U	5.2 U	4.9 U	4.6 U	28.9	8.76 J	18.3
SW8270	PHENOL	ug/kg	49 U	50 U	52 U	49 U	46 U	52 U	64 UJ	57 U
SW8270	PYRENE	ug/kg	4.9 U	5 U	5.2 U	4.9 U	4.6 U	39.8	12.1 J	19.5
SW9045	pH	S.U.	7.84	7.76	7.65	7.84	7.82	8.16	8.63 J	8.47

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-40217	OL-VC-40217	OL-VC-40217	OL-VC-40217	OL-VC-40217	OL-VC-40217	OL-VC-40217	OL-VC-40218	OL-VC-40218
		Sample Depth	3-4 Ft	4-5 Ft	5-6 Ft	6-7 Ft	7-8 Ft	8-9.2 Ft	0-1 Ft	1-2 Ft	
		Field Sample ID	OL-0859-04	OL-0859-05	OL-0859-06	OL-0859-07	OL-0859-08	OL-0859-09	OL-0898-12	OL-0898-13	
		Sample Date	8/3/2009	8/3/2009	8/3/2009	8/3/2009	8/3/2009	8/3/2009	8/20/2009	8/20/2009	
		Sample Delivery Group	JA24639	JA24639	JA24639	JA24639	JA24639	JA24639	JA26131	JA26131	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	21900	10000	11200	7800	16700	8320	11200	11100	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	51.4	52.1	56.1	56.8	58.9	54.2	52.7	52.3	
SW7471	MERCURY	mg/kg	50	116	2.4	72.7	0.79	0.024 U	33.1	45.9	
SW8082	AROCOLOR-1016	ug/kg	6.5 U	6.4 U	5.9 U	5.9 U	5.6 U	6.2 U	6.2 U	6.2 U	
SW8082	AROCOLOR-1221	ug/kg	6.5 U	6.4 U	5.9 U	5.9 U	5.6 U	6.2 U	6.2 U	6.2 U	
SW8082	AROCOLOR-1232	ug/kg	6.5 U	6.4 U	5.9 U	5.9 U	5.6 U	6.2 U	6.2 U	6.2 U	
SW8082	AROCOLOR-1242	ug/kg	6.5 U	6.4 U	5.9 U	5.9 U	5.6 U	6.2 U	6.2 U	6.2 U	
SW8082	AROCOLOR-1248	ug/kg	104 J	90	5.9 U	74.5	5.6 U	6.2 U	25.4 J	18.7 J	
SW8082	AROCOLOR-1254	ug/kg	43 J	61.7 J	5.9 U	27.3 J	5.6 U	6.2 U	25.2	18.2	
SW8082	AROCOLOR-1260	ug/kg	6.5 U	6.4 U	5.9 U	5.9 U	5.6 U	6.2 U	6.2 U	6.2 U	
SW8082	AROCOLOR-1268	ug/kg	96.9 J	52.1 J	7.4	84.4 J	5.6 U	6.2 U	28	6.2 U	
SW8082	PCBS, N.O.S.	ug/kg	244 J	204 J	7.4	186	5.6 U	6.2 U	78.6	36.9 J	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9.9 U	9.6 U	8.6 U	8.3 U	8 U	9 U	670 U	670 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9.9 U	9.6 U	8.6 U	8.3 U	8 U	9 U	670 U	670 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	10.5	7 J	1.6 J	0.7 J	8 U	9 U	670 U	670 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	1.3 J	9.6 U	8.6 U	8.3 U	8 U	9 U	670 U	670 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	66.8	202	78.2	28.2	5.6 J	9 U	115 J	132 J	
SW8260	1,4-DICHLOROBENZENE	ug/kg	13.3	18.9	5.4 J	3.4 J	0.79 J	9 U	54.8 J	52 J	
SW8260	BENZENE	ug/kg	7.2	11.5	4.5	1.1 J	1.6 U	1.8 U	130 U	130 U	
SW8260	CHLOROBENZENE	ug/kg	105	105	51.5	7.7 J	1.2 J	9 U	205 J	227 J	
SW8260	ETHYLBENZENE	ug/kg	28.5	31.2	11.9	2.9	0.94 J	1.8 U	479	843	
SW8260	NAPHTHALENE	ug/kg	7.6 J	102	11.8	6.9 J	5 J	5.2 J	670 U	670 U	
SW8260	O-XYLENE	ug/kg	70.1	92.3	34.6	5.6	0.81 J	1.8 U	582	1220	
SW8260	TOLUENE	ug/kg	4.3	24.9	1.2 J	1.2 J	0.59 J	1.8 U	130 U	47.3 J	
SW8260	XYLENES, M & P	ug/kg	452	478	176	21	1.4 J	0.96 J	6480	10200	
SW8260	XYLENES, TOTAL	ug/kg	522	570	211	26.6	2.2 J	0.96 J	7070	11400	
SW8270	ACENAPHTHENE	ug/kg	5.6 U	5.5 U	5.1 U	5 U	4.9 U	5.3 U	5.4 U	5.4 U	
SW8270	ACENAPHTHYLENE	ug/kg	5.6 U	5.5 U	5.1 U	5 U	4.9 U	5.3 U	7.3	5.4 U	
SW8270	ANTHRACENE	ug/kg	8.03	5.5 U	5.1 U	9.34	4.9 U	5.3 U	12.2	6.66	
SW8270	BENZO(A)ANTHRACENE	ug/kg	13.6	9.57	12.5	18.5	4.9 U	5.3 U	34.6	17.8	
SW8270	BENZO(A)PYRENE	ug/kg	11.7	5.5 U	5.1 U	13.8	4.9 U	5.3 U	31.5	13.1	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	25	5.5 U	5.1 U	21.9	4.9 U	5.3 U	55.2	20.9	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	7.44	5.5 U	5.1 U	9.03	4.9 U	5.3 U	21.7	11.5	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.64	5.5 U	5.1 U	10.2	4.9 U	5.3 U	15.5	18.1	
SW8270	CHRYSENE	ug/kg	14.9	7.43	5.5	12.9	4.9 U	5.3 U	40.8	23.1	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.6 U	5.5 U	5.1 U	5 U	4.9 U	5.3 U	8.95	5.4 U	
SW8270	FLUORANTHENE	ug/kg	43.3	22.3	11	42.2	4.9 U	5.3 U	85.9	51.5	
SW8270	FLUORENE	ug/kg	20.5	8.46	5.1 U	5.85	4.9 U	5.3 U	8.02	5.4 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	6.5	5.5 U	5.1 U	7.79	4.9 U	5.3 U	22.3	10.6	
SW8270	PHENANTHRENE	ug/kg	36.8	13.9	9.02	35	4.9 U	5.3 U	45	29.9	
SW8270	PHENOL	ug/kg	56 U	55 U	51 U	50 U	49 U	53 U	54 U	54 U	
SW8270	PYRENE	ug/kg	35.1	20.1	9.43	51.1	4.9 U	5.3 U	79.2	41	
SW9045	pH	S.U.	7.88	7.68	7.72	7.19	7.31	6.89	8.2	8.64	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-40218	OL-VC-40218	OL-VC-40218	OL-VC-40218	OL-VC-40218	OL-VC-40218	OL-VC-40218	OL-VC-40218
		Sample Depth	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	6-7 Ft	7-8 Ft	8-9 Ft	9-10 Ft
		Field Sample ID	OL-0898-14	OL-0898-15	OL-0898-16	OL-0898-17	OL-0898-18	OL-0898-19	OL-0898-20	OL-0898-21
		Sample Date	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	JA26131	JA26131	JA26131	JA26131	JA26131	JA26131	JA26131	JA26131
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	9300	13200	21800	15900	14200	26300 J	63700 J	40800 J
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	51.4	52.6	55.1	55.9	52	47.5	40.1	32.5
SW7471	MERCURY	mg/kg	38.8	81	86	65.6	95.7	7.9 J	0.95 J	0.83 J
SW8082	AROCOLOR-1016	ug/kg	6.4 U	6.3 U	5.9 U	5.8 U	6.3 U	6.9 UJ	8.3 UJ	10 UJ
SW8082	AROCOLOR-1221	ug/kg	6.4 U	6.3 U	5.9 U	5.8 U	6.3 U	6.9 UJ	8.3 UJ	10 UJ
SW8082	AROCOLOR-1232	ug/kg	6.4 U	6.3 U	5.9 U	5.8 U	6.3 U	6.9 UJ	8.3 UJ	10 UJ
SW8082	AROCOLOR-1242	ug/kg	6.4 U	6.3 U	5.9 U	5.8 U	6.3 U	6.9 UJ	8.3 UJ	10 UJ
SW8082	AROCOLOR-1248	ug/kg	20.9 J	37	48.2	25	39.2	9.6 J	8.3 UJ	10 UJ
SW8082	AROCOLOR-1254	ug/kg	16.9 J	21.2	57.3	23.1 J	33.6	8.4 J	8.3 UJ	10 UJ
SW8082	AROCOLOR-1260	ug/kg	6.4 U	6.3 U	5.9 U	5.8 U	6.3 U	6.9 UJ	8.3 UJ	10 UJ
SW8082	AROCOLOR-1268	ug/kg	6.4 U	14.3	45.1	18.3	38.7	66.7 J	8.3 UJ	10 UJ
SW8082	PCBS, N.O.S.	ug/kg	37.8 J	72.5	151	66.4	112	84.7 J	8.3 UJ	10 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	670 U	690 U	640 U	640 U	690 U	750 UJ	13 UJ	16 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	670 U	690 U	640 U	136 J	136 J	97.8 J	13 UJ	16 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	670 U	690 U	71 J	69.2 J	65.6 J	82.2 J	5.7 J	16 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	104 J	160 J	1260	2190	1490	486 J	13 UJ	16 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	243 J	619 J	1580	786	244 J	85.8 J	13 UJ	16 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	48.6 J	84.9 J	201 J	176 J	121 J	200 J	7.3 J	16 UJ
SW8260	BENZENE	ug/kg	130 U	140 U	130 U	130 U	140 U	150 UJ	7.2 J	4.1 J
SW8260	CHLOROBENZENE	ug/kg	279 J	541 J	1060	716	309 J	265 J	10.8 J	2.2 J
SW8260	ETHYLBENZENE	ug/kg	926	1330	2620	2050	1270	937 J	19.4 J	1.2 J
SW8260	NAPHTHALENE	ug/kg	670 U	690 U	500 J	640 U	690 U	750 UJ	4.7 J	16 UJ
SW8260	O-XYLENE	ug/kg	1370	2010	3860	3120	1880	1160 J	59.6 J	5 J
SW8260	TOLUENE	ug/kg	49.3 J	56.4 J	82.4 J	89.9 J	125 J	166 J	10.8 J	1.8 J
SW8260	XYLENES, M & P	ug/kg	10300	14100	26500	20400	12600	8610 J	210 J	10 J
SW8260	XYLENES, TOTAL	ug/kg	11700	16100	30300	23500	14500	9770 J	269 J	15 J
SW8270	ACENAPHTHENE	ug/kg	5.6 U	5.4 U	5.2 U	7.6	5.4 U	6 UJ	7 UJ	9.6 UJ
SW8270	ACENAPHTHYLENE	ug/kg	5.6 U	5.4 U	7.81	12.9	7.81	10.7 J	7 UJ	11.5 J
SW8270	ANTHRACENE	ug/kg	7.62	6.89	18.4	26.3	20	13.6 J	6.6 J	22 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	19	15	33.1	62.2	37.5	23.9 J	13.9 J	58.3 J
SW8270	BENZO(A)PYRENE	ug/kg	12.4	9.87	30.3	62	29.8	17.6 J	7 UJ	50.2 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	27.9	23.1	55.5	61.6	55.8	22.6 J	7 UJ	93.6 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	11.1	9.27	22.2	40.3	20.9	13.6 J	7 UJ	33.5 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	11.4	8.49	19.7	79.7	15	19.9 J	7 UJ	21.5 J
SW8270	CHRYSENE	ug/kg	22.5	19.4	41.7	78	45.9	27.9 J	14.9 J	50.1 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.6 U	5.4 U	12.9	17.4	8.34	6 UJ	7 UJ	9.6 UJ
SW8270	FLUORANTHENE	ug/kg	48.7	41.3	88.6	157	98.5	63.9 J	33.6 J	136 J
SW8270	FLUORENE	ug/kg	5.6 U	5.4 U	10.5	17.3	14	9.5 J	21.1 J	56.6 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	10.4	8.35	24.1	40.5	22.3	13.9 J	7 UJ	31.7 J
SW8270	PHENANTHRENE	ug/kg	33.5	26.3	51.6	98.9	63.2	41.3 J	28 J	108 J
SW8270	PHENOL	ug/kg	58.2	54 U	52 U	51 U	89	199 J	267 J	96 UJ
SW8270	PYRENE	ug/kg	39.6	39.8	73.3	146	82.6	62.3 J	32.2 J	128 J
SW9045	pH	S.U.	8.89	8.56	8.21	8.19	8.53	8.94 J	9.1 J	9.14 J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-40219	OL-VC-40219	OL-VC-40219	OL-VC-40219	OL-VC-40219	OL-VC-40219	OL-VC-40219	OL-VC-40219
		Sample Depth	0-1 Ft	1-2 Ft	2-3 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	6-7 Ft
		Field Sample ID	OL-0898-01	OL-0898-03	OL-0898-02	OL-0898-04	OL-0898-05	OL-0898-06	OL-0898-07	OL-0898-08
		Sample Date	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	JA26131	JA26131	JA26131	JA26131	JA26131	JA26131	JA26131	JA26131
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	7360	10300	8810	6900	14100 J	18100 J	9700 J	15800 J
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	54.1	52.4	55.3	54.1	56.3	41.4	49.9	47.4
SW7471	MERCURY	mg/kg	31.8	28.7	39.4	41.3	145	73.3 J	45.3 J	10.4 J
SW8082	AROCOLOR-1016	ug/kg	6.1 U	6.4 U	6 U	6 U	5.8 U	8.1 UJ	6.5 UJ	6.9 UJ
SW8082	AROCOLOR-1221	ug/kg	6.1 U	6.4 U	6 U	6 U	5.8 U	8.1 UJ	6.5 UJ	6.9 UJ
SW8082	AROCOLOR-1232	ug/kg	6.1 U	6.4 U	6 U	6 U	5.8 U	8.1 UJ	6.5 UJ	6.9 UJ
SW8082	AROCOLOR-1242	ug/kg	6.1 U	6.4 U	6 U	6 U	5.8 U	8.1 UJ	6.5 UJ	6.9 UJ
SW8082	AROCOLOR-1248	ug/kg	37.1	13.6	30.8	14.7 J	12	29.4 JN	32.6 J	6.9 UJ
SW8082	AROCOLOR-1254	ug/kg	34.3	12.8 J	17.8 J	10.5	8.3	21.2 J	30 J	8.6 J
SW8082	AROCOLOR-1260	ug/kg	6.1 U	6.4 U	6 U	6 U	5.8 U	8.1 UJ	11.4 J	6.9 UJ
SW8082	AROCOLOR-1268	ug/kg	8.7	6.6 J	21.5	6 UJ	9.6	8.6 J	6.5 UJ	6.9 UJ
SW8082	PCBS, N.O.S.	ug/kg	80.1	33	70.1	25.2 J	29.9	59.2 JN	74 J	8.6 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	640 U	680 U	35 U	39 U	17 U	13 UJ	10 UJ	11 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	640 U	680 U	9.9 J	8.4 J	7.8 J	2.5 J	10 UJ	11 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	1770	911 J	108	109 J	19.4	4.9 J	2.5 J	1.2 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	640 U	680 U	33.6 J	29.7 J	38.4	30.4 J	15.6 J	11 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	49.6 J	92.1 J	70.4	66.1	109	37.9 J	6.8 J	11 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	359 J	188 J	32.9 J	31.8 J	19	5.8 J	2.4 J	1.1 J
SW8260	BENZENE	ug/kg	130 U	140 U	12.4	12.3	10.9	8 J	4.5 J	3.1 J
SW8260	CHLOROBENZENE	ug/kg	159 J	218 J	109	107 J	131	58.7 J	18 J	3.2 J
SW8260	ETHYLBENZENE	ug/kg	1470	1370 J	367	351 J	166	45.9 J	12.3 J	1.2 J
SW8260	NAPHTHALENE	ug/kg	640 U	680 U	15.2 J	12.5 J	14 J	6.2 J	2.8 J	11 UJ
SW8260	O-XYLENE	ug/kg	1820	1790 J	483	464 J	262	93.7 J	32.3 J	5.7 J
SW8260	TOLUENE	ug/kg	130 U	140 U	14.7	14.5	12.7	7.8 J	3.8 J	1.2 J
SW8260	XYLENES, M & P	ug/kg	19200	17600 J	8170	8070 J	5640	548 J	177 J	17.7 J
SW8260	XYLENES, TOTAL	ug/kg	21000	19300 J	8650	8530 J	5900	642 J	209 J	23.3 J
SW8270	ACENAPHTHENE	ug/kg	5.3 U	5.4 U	5.2 U	5.3 U	5.1 U	7.5 J	5.7 UJ	6 UJ
SW8270	ACENAPHTHYLENE	ug/kg	8.01	6.81 J	5.2 U	5.3 UJ	5.1 U	15 J	5.7 UJ	14.3 J
SW8270	ANTHRACENE	ug/kg	13.1	13.1 J	5.74	7.54 J	13.9	33.1 J	7.4 J	13.8 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	36.2	36.9 J	13.8	17.4 J	27.1	55.5 J	12.6 J	22.4 J
SW8270	BENZO(A)PYRENE	ug/kg	34.5	32.2 J	8.38	11.7 J	22.5	43.9 J	5.7 UJ	18.2 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	62.7	44.6	15.5	28.2	45.1	78.6 J	5.7 UJ	32.3 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	24.4	23.6 J	7.5	10.1 J	16.8	29.1 J	5.7 UJ	13.9 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	17.6	35.5 J	12.7	6.7 J	11	26.7 J	5.7 UJ	8.81 J
SW8270	CHRYSENE	ug/kg	44.5	45.5 J	16.8	22 J	35.4	72.2 J	16.7 J	29.2 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	10.7	10.4 J	5.2 U	5.3 UJ	7.07	12.3 J	5.7 UJ	6 UJ
SW8270	FLUORANTHENE	ug/kg	86.3	101 J	40.3	46.7 J	73.6	168 J	37.8 J	56.6 J
SW8270	FLUORENE	ug/kg	7.33	8.8 J	5.2 U	5.3 UJ	8.94	20 J	6.94 J	6 UJ
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	25.7	24.7 J	7.25	9.26 J	18.5	30.1 J	5.7 UJ	12 J
SW8270	PHENANTHRENE	ug/kg	43.1	57 J	26	28.1 J	40.4	107 J	32.3 J	34.8 J
SW8270	PHENOL	ug/kg	206	258	220	205	61.2	265 J	301 J	613 J
SW8270	PYRENE	ug/kg	78.2	80.4 J	31.9	37 J	59.2	152 J	39.3 J	64.4 J
SW9045	pH	S.U.	8.89	8.89	8.78	8.89	8.33	8.84 J	9.06 J	9.13 J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-40219	OL-VC-40219	OL-VC-40219	OL-VC-40220	OL-VC-40220	OL-VC-40220	OL-VC-40220	OL-VC-40220
		Sample Depth	7-8 Ft	8-9 Ft	9-10 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft
		Field Sample ID	OL-0898-09	OL-0898-10	OL-0898-11	OL-0890-12	OL-0890-13	OL-0890-14	OL-0890-15	OL-0890-16
		Sample Date	8/20/2009	8/20/2009	8/20/2009	8/18/2009	8/18/2009	8/18/2009	8/18/2009	8/18/2009
		Sample Delivery Group	JA26131	JA26131	JA26131	JA25907	JA25907	JA25907	JA25907	JA25907
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	25500 J	37100 J	54900 J	12000	15500	12700	9750	9590
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	34.9	49.7	36.6	62.2	57.8	58	57.9	57.9
SW7471	MERCURY	mg/kg	8 J	1.1 J	0.79 J	110 J	160 J	80.7 J	18.8 J	0.11 J
SW8082	AROCOR-1016	ug/kg	9.4 UJ	6.6 UJ	9 UJ	5.4 U	5.8 U	5.7 U	5.8 U	5.7 U
SW8082	AROCOR-1221	ug/kg	9.4 UJ	6.6 UJ	9 UJ	5.4 U	5.8 U	5.7 U	5.8 U	5.7 U
SW8082	AROCOR-1232	ug/kg	9.4 UJ	6.6 UJ	9 UJ	5.4 U	5.8 U	5.7 U	5.8 U	5.7 U
SW8082	AROCOR-1242	ug/kg	9.4 UJ	6.6 UJ	9 UJ	29.2	5.8 U	51.1	5.8 U	5.7 U
SW8082	AROCOR-1248	ug/kg	9.4 UJ	6.6 UJ	9 UJ	5.4 U	34	5.7 U	5.8 U	5.7 U
SW8082	AROCOR-1254	ug/kg	9.4 UJ	6.6 UJ	9 UJ	13.8 J	17.8	23 J	5.8 U	5.7 U
SW8082	AROCOR-1260	ug/kg	9.4 UJ	6.6 UJ	9 UJ	5.4 U	5.8 U	5.7 U	5.8 U	5.7 U
SW8082	AROCOR-1268	ug/kg	9.4 UJ	6.6 UJ	9 UJ	78.4	49.3	41.7	93.7	5.7 U
SW8082	PCBS, N.O.S.	ug/kg	9.4 UJ	6.6 UJ	9 UJ	122	101	116	93.7	5.7 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	15 UJ	9.7 UJ	14 UJ	7.6 U	8.3 U	8.5 U	8.1 U	8.6 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	15 UJ	9.7 UJ	14 UJ	7.6 U	8.3 U	8.5 U	8.1 U	8.6 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	1.1 J	0.91 J	2.2 J	0.93 J	2.1 J	1.4 J	0.6 J	8.6 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	15 UJ	9.7 UJ	14 UJ	9.2	19.4	18.8	8.2	8.6 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	15 UJ	9.7 UJ	14 UJ	7.9	68.3	70.9	45.5	4.7 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	1.5 J	1.1 J	3.5 J	2.1 J	11.5	8.8	3.1 J	8.6 U
SW8260	BENZENE	ug/kg	5.6 J	2.8 J	4.1 J	2.6	3.6	4.2	2.6	2.8
SW8260	CHLOROBENZENE	ug/kg	4 J	2.2 J	5.4 J	1.6 J	2.4 J	2 J	1.1 J	0.78 J
SW8260	ETHYLBENZENE	ug/kg	3 UJ	1.9 UJ	2.8 UJ	5.5	4.5	2.2	1.5 J	1.1 J
SW8260	NAPHTHALENE	ug/kg	15 UJ	9.7 UJ	14 UJ	1.8 J	3.1 J	2.8 J	1.9 J	8.6 U
SW8260	O-XYLENE	ug/kg	1.5 J	1.9 UJ	2.8 UJ	8.1	13.7	6.8	3.8	2.5
SW8260	TOLUENE	ug/kg	3 UJ	1.9 UJ	0.97 J	5.4	38.6	28.9	4.6	2.3
SW8260	XYLENES, M & P	ug/kg	2.1 J	3.9 UJ	5.7 UJ	24.4	61.7	28.4	11.1	3 J
SW8260	XYLENES, TOTAL	ug/kg	3.6 J	3.9 UJ	5.7 UJ	32.5	75.4	35.2	14.9	5.5
SW8270	ACENAPHTHENE	ug/kg	8.2 UJ	5.7 UJ	7.8 UJ	4.88	11.6	8.06	4.9 U	4.9 U
SW8270	ACENAPHTHYLENE	ug/kg	11.2 J	14.3 J	7.8 UJ	8.25	13.4	14.2	4.9 U	4.9 U
SW8270	ANTHRACENE	ug/kg	10.9 J	16.8 J	7.8 UJ	25.9	38.6	35.4	7	4.9 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	20 J	30.5 J	13.7 J	59	95.6	82.6	15.4	4.9 U
SW8270	BENZO(A)PYRENE	ug/kg	12.1 J	27.6 J	7.8 UJ	58.7	97.5	83.5	9.9	4.9 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	26.3 J	41.8 J	7.8 UJ	83.3	99.1	119	13.2	4.9 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	11.2 J	16.2 J	7.8 UJ	41.4	63.1	53.8	8.35	4.9 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	6.91 J	10.8 J	7.8 UJ	45.8	28	32.1	12.2	4.9 U
SW8270	CHRYSENE	ug/kg	23.3 J	34.2 J	15 J	76.8	122	102	17.7	4.9 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	8.2 UJ	8.83 J	7.8 UJ	22.8	32.5	24.1	4.9 U	4.9 U
SW8270	FLUORANTHENE	ug/kg	50.1 J	77.2 J	34.3 J	158	298	221	35.2	4.9 U
SW8270	FLUORENE	ug/kg	8.2 UJ	10.3 J	18.5 J	11.6	22.6	19.1	4.9 U	4.9 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	9.71 J	17.1 J	7.8 UJ	42.5	67.1	57	7.61	4.9 U
SW8270	PHENANTHRENE	ug/kg	33.3 J	53.7 J	27.6 J	74.6	156	130	24.8	4.9 U
SW8270	PHENOL	ug/kg	1060 J	512 J	569 J	45 U	49 U	49 U	49 U	49 U
SW8270	PYRENE	ug/kg	55.1 J	77.9 J	33.5 J	126	240	205	32	4.9 U
SW9045	pH	S.U.	9.37 J	9.47 J	9.74 J	7.1	7.21	7.47	7.48	7.15

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-40220	OL-VC-40220	OL-VC-40220	OL-VC-40220	OL-VC-40220	OL-VC-40221	OL-VC-40221	OL-VC-40221
		Sample Depth	5-6 Ft	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-0890-17	OL-0890-18	OL-0890-19	OL-0890-20	OL-0891-01	OL-0890-01	OL-0890-03	OL-0890-02
		Sample Date	8/18/2009	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	JA25907	JA25907	JA25907	JA25908	JA25907	JA25907	JA25907
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%					53.3			
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	8420	9950	8840	17400	8900	15900	11100	11100
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	59.2	59.2	54.3	55.5		55.3	58.1	61.4
SW7471	MERCURY	mg/kg	0.31 J	0.53 J	0.056 J	0.019 U	0.021 U	46.8 J	125 J	63 J
SW8082	AROCOLOR-1016	ug/kg	5.6 U	5.5 U	6.1 U	6 U	6.1 U	6 U	5.7 U	5.4 U
SW8082	AROCOLOR-1221	ug/kg	5.6 U	5.5 U	6.1 U	6 U	6.1 U	6 U	5.7 U	5.4 U
SW8082	AROCOLOR-1232	ug/kg	5.6 U	5.5 U	6.1 U	6 U	6.1 U	6 U	5.7 U	5.4 U
SW8082	AROCOLOR-1242	ug/kg	5.6 U	5.5 U	6.1 U	6 U	6.1 U	30.6	69.2	5.4 U
SW8082	AROCOLOR-1248	ug/kg	5.6 U	5.5 U	6.1 U	6 U	6.1 U	6 U	5.7 U	17.4
SW8082	AROCOLOR-1254	ug/kg	5.6 U	5.5 U	6.1 U	6 U	6.1 U	16.9	38.9	11.3
SW8082	AROCOLOR-1260	ug/kg	5.6 U	5.5 U	6.1 U	6 U	6.1 U	6 U	5.7 U	5.4 U
SW8082	AROCOLOR-1268	ug/kg	5.6 U	5.5 U	6.1 U	6 U	6.1 U	6 U	31.3	16.7
SW8082	PCBS, N.O.S.	ug/kg	5.6 U	5.5 U	6.1 U	6 U	6.1 U	47.5	139	45.4
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	7.8 U	8.1 U	9.2 U	9 U	10 U	8.7 U	8.4 U	8 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	7.8 U	8.1 U	9.2 U	9 U	10 U	8.7 U	8.4 U	8 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	7.8 U	8.1 U	9.2 U	9 U	10 U	5.1 J	2.2 J	0.89 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	7.8 U	8.1 U	9.2 U	9 U	10 U	2.9 J	10.3	4.3 J
SW8260	1,3-DICHLOROBENZENE	ug/kg	7.8 U	8.1 U	9.2 U	9 U	10 U	95.3	131	61.7
SW8260	1,4-DICHLOROBENZENE	ug/kg	7.8 U	8.1 U	9.2 U	9 U	10 U	8.2 J	7.8 J	4.1 J
SW8260	BENZENE	ug/kg	2.5	1.9	1.6 J	1.1 J	2.1 U	4	4	2.9
SW8260	CHLOROBENZENE	ug/kg	7.8 U	8.1 U	9.2 U	9 U	10 U	22.1	19.5	8.6
SW8260	ETHYLBENZENE	ug/kg	1.6 U	1.6 U	1.8 U	1.8 U	2.1 U	9.1	15.4	9.3
SW8260	NAPHTHALENE	ug/kg	7.8 U	8.1 U	9.2 U	9 U	10 U	1.8 J	3.3 J	1.9 J
SW8260	O-XYLENE	ug/kg	1.6 U	1.6 U	1.8 U	1.8 U	2.1 U	19.9	18.4	1.6 U
SW8260	TOLUENE	ug/kg	1.6	0.73 J	1.8 U	1.8 U	2.1 U	6.9	4.5	0.91 J
SW8260	XYLENES, M & P	ug/kg	3.1 U	3.2 U	3.7 U	3.6 U	4.2 U	80.4	63.7	2.5 J
SW8260	XYLENES, TOTAL	ug/kg	3.1 U	3.2 U	3.7 U	3.6 U	4.2 U	100	82.1	2.5 J
SW8270	ACENAPHTHENE	ug/kg	4.8 U	4.8 U	5.3 U	5.1 U	5.3 U	5.2 U	5.48	4.7 U
SW8270	ACENAPHTHYLENE	ug/kg	4.8 U	4.8 U	5.3 U	5.1 U	5.3 U	5.68	7.62	4.7 U
SW8270	ANTHRACENE	ug/kg	4.8 U	4.8 U	5.3 U	5.1 U	5.3 U	7.88	28	6.18
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.8 U	4.8 U	5.3 U	5.1 U	5.3 U	24.7	54.6	16.4
SW8270	BENZO(A)PYRENE	ug/kg	4.8 U	4.8 U	5.3 U	5.1 U	5.3 U	20.5	52.5	10.2
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.8 U	4.8 U	5.3 U	5.1 U	5.3 U	30.1	95	18.6
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.8 U	4.8 U	5.3 U	5.1 U	5.3 U	16.5	32.1	8.86
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.8 U	4.8 U	5.3 U	5.1 U	5.3 U	18	15.6	9.37
SW8270	CHRYSENE	ug/kg	4.8 U	4.8 U	5.3 U	5.1 U	5.3 U	26.7	63.1	16.7
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.8 U	4.8 U	5.3 U	5.1 U	5.3 U	6.27	14.5	4.75
SW8270	FLUORANTHENE	ug/kg	4.8 U	4.8 U	5.3 U	5.1 U	5.3 U	49.4	125	34.5
SW8270	FLUORENE	ug/kg	4.8 U	4.8 U	5.3 U	5.1 U	5.3 U	5.2 U	11.8	4.7 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.8 U	4.8 U	5.3 U	5.1 U	5.3 U	15.6	34	8.59
SW8270	PHENANTHRENE	ug/kg	4.8 U	4.8 U	5.3 U	5.1 U	5.3 U	25.9	73.5	19.9
SW8270	PHENOL	ug/kg	48 U	48 U	53 U	51 U	53 U	52 U	49 U	47 U
SW8270	PYRENE	ug/kg	4.8 U	4.8 U	5.3 U	5.1 U	5.3 U	44.8	105	29.8
SW9045	pH	S.U.	7.16	7.11	7.03	7.02	6.97	7.12	7.16	7.34

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-40221	OL-VC-40221	OL-VC-40221	OL-VC-40221	OL-VC-40221	OL-VC-40221	OL-VC-40221	OL-VC-40221	OL-VC-40221
		Sample Depth	3-4 Ft	3-4 Ft	4-5 Ft	5-6 Ft	6-7 Ft	7-8 Ft	8-9 Ft	9-10 Ft	
		Field Sample ID	OL-0890-04	OL-0890-05	OL-0890-06	OL-0890-07	OL-0890-08	OL-0890-09	OL-0890-10	OL-0890-11	
		Sample Date	8/18/2009	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	JA25907	JA25907	JA25907	JA25907	JA25907	JA25907	JA25907	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	15600	10100	10200	11100	10400	10400	12200	9000	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	59.9	59.6	60.5	56.3	55.7	54.3	57.6	57.6	
SW7471	MERCURY	mg/kg	0.67 J	2.4 J	0.81 J	0.24 J	0.039 J	0.022 U	0.051 J	0.019 U	
SW8082	AROCOLOR-1016	ug/kg	5.5 U	5.5 U	5.5 U	5.8 U	5.8 U	310 U	5.7 U	5.6 U	
SW8082	AROCOLOR-1221	ug/kg	5.5 U	5.5 U	5.5 U	5.8 U	5.8 U	310 U	5.7 U	5.6 U	
SW8082	AROCOLOR-1232	ug/kg	5.5 U	5.5 U	5.5 U	5.8 U	5.8 U	310 U	5.7 U	5.6 U	
SW8082	AROCOLOR-1242	ug/kg	5.5 U	5.5 U	5.5 U	5.8 U	5.8 U	310 U	5.7 U	5.6 U	
SW8082	AROCOLOR-1248	ug/kg	5.5 U	5.5 U	5.5 U	5.8 U	5.8 U	310 U	5.7 U	5.6 U	
SW8082	AROCOLOR-1254	ug/kg	5.5 U	5.5 U	5.5 U	5.8 U	5.8 U	11100	5.7 U	5.6 U	
SW8082	AROCOLOR-1260	ug/kg	5.5 U	5.5 U	5.5 U	5.8 U	5.8 U	310 U	5.7 U	5.6 U	
SW8082	AROCOLOR-1268	ug/kg	5.5 U	5.5 U	5.5 U	5.8 U	5.8 U	310 U	5.7 U	5.6 U	
SW8082	PCBS, N.O.S.	ug/kg	5.5 U	5.5 U	5.5 U	5.8 U	5.8 U	11100	5.7 U	5.6 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.2 U	8.2 U	7.8 U	8.2 U	8.6 U	8.9 U	8.5 U	8.7 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.2 U	8.2 U	7.8 U	8.2 U	8.6 U	8.9 U	8.5 U	8.7 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	0.5 J	8.2 U	7.8 U	8.2 U	8.6 U	8.9 U	8.5 U	8.7 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	1.3 J	8.2 UJ	7.8 U	8.2 UJ	8.6 U	8.9 U	8.5 U	8.7 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	30.2	19.4	1 J	8.2 U	8.6 U	8.9 U	8.5 U	8.7 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	2.3 J	1.5 J	7.8 U	8.2 U	8.6 U	8.9 U	8.5 U	8.7 U	
SW8260	BENZENE	ug/kg	2.6	2.7	2.4	2.4	2.3	2.3	2.1	1.7	
SW8260	CHLOROBENZENE	ug/kg	5.7 J	4.5 J	1.4 J	8.2 U	8.6 U	8.9 U	8.5 U	8.7 U	
SW8260	ETHYLBENZENE	ug/kg	8.9	7.8	2.9	0.71 J	1.7 U	1.8 U	1.7 U	1.7 U	
SW8260	NAPHTHALENE	ug/kg	8.2 U	8.2 U	7.8 U	8.2 U	8.6 U	8.9 U	8.5 U	8.7 U	
SW8260	O-XYLENE	ug/kg	1.6 U	1.6 U	0.75 J	0.84 J	1.7 U	1.8 U	1.7 U	1.7 U	
SW8260	TOLUENE	ug/kg	0.88 J	0.83 J	0.74 J	0.7 J	1.7 U	1.8 U	1.7 U	1.7 U	
SW8260	XYLENES, M & P	ug/kg	2.3 J	2.3 J	2 J	1.3 J	3.5 U	3.5 U	3.4 U	3.5 U	
SW8260	XYLENES, TOTAL	ug/kg	2.3 J	2.3 J	2.8 J	2.2 J	3.5 U	3.5 U	3.4 U	3.5 U	
SW8270	ACENAPHTHENE	ug/kg	4.7 U	4.8 U	4.7 U	5.1 U	5.1 U	5.2 U	5 U	4.9 U	
SW8270	ACENAPHTHYLENE	ug/kg	4.7 U	4.8 U	4.7 U	5.1 U	5.1 U	5.2 U	5 U	4.9 U	
SW8270	ANTHRACENE	ug/kg	4.7 U	4.8 U	4.7 U	5.1 U	5.1 U	5.2 U	5 U	4.9 U	
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.7 U	4.8 U	4.7 U	5.1 U	5.1 U	5.2 U	5 U	4.9 U	
SW8270	BENZO(A)PYRENE	ug/kg	4.7 U	4.8 U	4.7 U	5.1 U	5.1 U	5.2 U	5 U	4.9 U	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.7 U	4.8 U	4.7 U	5.1 U	5.1 U	5.2 U	5 U	4.9 U	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.7 U	4.8 U	4.7 U	5.1 U	5.1 U	5.2 U	5 U	4.9 U	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.7 U	4.8 U	4.7 U	5.1 U	5.1 U	5.2 U	5 U	4.9 U	
SW8270	CHRYSENE	ug/kg	4.7 U	4.8 U	4.7 U	5.1 U	5.1 U	5.2 U	5 U	4.9 U	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.7 U	4.8 U	4.7 U	5.1 U	5.1 U	5.2 U	5 U	4.9 U	
SW8270	FLUORANTHENE	ug/kg	4.7 U	4.8 U	4.7 U	5.1 U	5.1 U	5.2 U	5 U	4.9 U	
SW8270	FLUORENE	ug/kg	4.7 U	4.8 U	4.7 U	5.1 U	5.1 U	5.2 U	5 U	4.9 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.7 U	4.8 U	4.7 U	5.1 U	5.1 U	5.2 U	5 U	4.9 U	
SW8270	PHENANTHRENE	ug/kg	4.7 U	4.8 U	4.7 U	5.1 U	5.1 U	5.2 U	5 U	4.9 U	
SW8270	PHENOL	ug/kg	47 U	48 U	47 U	51 U	51 U	52 U	50 U	49 U	
SW8270	PYRENE	ug/kg	4.7 U	4.8 U	4.7 U	5.1 U	5.1 U	5.2 U	5 U	4.9 U	
SW9045	pH	S.U.	7.13	7.22	7.21	7.05	7.03	6.99	7.09	7.04	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-40222	OL-VC-40222	OL-VC-40222	OL-VC-40222	OL-VC-40222	OL-VC-40222	OL-VC-40222	OL-VC-40222
		Sample Depth	0-1 Ft	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-0895-01	OL-0895-02	OL-0895-03	OL-0895-04	OL-0895-05	OL-0895-06	OL-0895-07	OL-0895-08
		Sample Date	8/19/2009	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	JA26005	JA26005	JA26005	JA26005	JA26005	JA26005	JA26005
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	7110	9040	9210	6800	6760	6480	7060	5690
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	58.6	62.2	60.8	64.5	58.2	56.3	57.8	58.6
SW7471	MERCURY	mg/kg	86.4 J	112 J	103 J	83.8 J	0.019 UJ	0.16 J	0.091 J	0.057 J
SW8082	AROCOLOR-1016	ug/kg	5.7 U	5.3 U	5.5 U	5.1 U	5.7 U	5.8 U	5.8 U	5.7 U
SW8082	AROCOLOR-1221	ug/kg	5.7 U	5.3 U	5.5 U	5.1 U	5.7 U	5.8 U	5.8 U	5.7 U
SW8082	AROCOLOR-1232	ug/kg	5.7 U	5.3 U	5.5 U	5.1 U	5.7 U	5.8 U	5.8 U	5.7 U
SW8082	AROCOLOR-1242	ug/kg	41.8	125	87.6	62.7	5.7 U	5.8 U	5.8 U	5.7 U
SW8082	AROCOLOR-1248	ug/kg	5.7 U	5.3 U	5.5 U	5.1 U	5.7 U	5.8 U	5.8 U	5.7 U
SW8082	AROCOLOR-1254	ug/kg	30.7	50.4	47	27	5.7 U	5.8 U	5.8 U	5.7 U
SW8082	AROCOLOR-1260	ug/kg	5.7 U	5.3 U	5.5 U	5.1 U	5.7 U	5.8 U	5.8 U	5.7 U
SW8082	AROCOLOR-1268	ug/kg	22.9	156 J	74.6 J	82	5.7 U	5.8 U	5.8 U	5.7 U
SW8082	PCBS, N.O.S.	ug/kg	95.4	331	209	172	5.7 U	5.8 U	5.8 U	5.7 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.5 U	7.7 U	7.8 U	6.9 U	8.1 U	8.7 U	8.2 U	8 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	2 J	7.7 U	7.8 U	6.9 U	8.1 U	8.7 U	8.2 U	8 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	1.8 J	1.2 J	1.1 J	6.9 U	8.1 U	8.7 U	8.2 U	8 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	37.9	11.8	11.8 J	7.5 J	0.49 J	8.7 UJ	8.2 U	8 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	203	80.3	71.8	10.9	2.1 J	8.7 U	8.2 U	8 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	15.5	5.7 J	5 J	1.6 J	8.1 U	8.7 U	8.2 U	8 U
SW8260	BENZENE	ug/kg	3.2	3.4	3.2	1 J	1.1 J	1.7 U	0.99 J	0.83 J
SW8260	CHLOROBENZENE	ug/kg	20.2	13.7	13.1	1.3 J	8.1 U	8.7 U	8.2 U	8 U
SW8260	ETHYLBENZENE	ug/kg	21.3	17.6	15.8	1.9	1.6 U	1.7 U	1.6 U	1.6 U
SW8260	NAPHTHALENE	ug/kg	3.3 J	2.1 J	1.7 J	6.9 U	8.1 U	8.7 U	8.2 U	8 U
SW8260	O-XYLENE	ug/kg	4.4	1.3 J	1.4 J	1.4 U	1.6 U	1.7 U	1.6 U	1.6 U
SW8260	TOLUENE	ug/kg	0.74 J	0.88 J	0.82 J	0.51 J	1.6 U	1.7 U	1.6 U	1.6 U
SW8260	XYLENES, M & P	ug/kg	53.4	6	7.6	0.93 J	3.2 U	3.5 U	3.3 U	3.2 U
SW8260	XYLENES, TOTAL	ug/kg	57.8	7.3	9	0.93 J	3.2 U	3.5 U	3.3 U	3.2 U
SW8270	ACENAPHTHENE	ug/kg	4.9 U	4.55 J	4.7 U	4.4 U	4.9 U	5.1 U	4.9 U	4.8 U
SW8270	ACENAPHTHYLENE	ug/kg	4.9 U	5.13	4.7 U	4.4 U	4.9 U	5.1 U	4.9 U	4.8 U
SW8270	ANTHRACENE	ug/kg	17	28.9	21	18.8	4.9 U	5.1 U	4.9 U	4.8 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	30.5	53.8	34.1	28.2	4.9 U	5.1 U	4.9 U	4.8 U
SW8270	BENZO(A)PYRENE	ug/kg	25.4	42.1	33.1	30.5	4.9 U	5.1 U	4.9 U	4.8 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	50.9	96.8	61.3	56.9	4.9 U	5.1 U	4.9 U	4.8 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	27.8	51	35.4	36.8	4.9 U	5.1 U	4.9 U	4.8 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	15.8	20.9	25.1	24.3	4.9 U	5.1 U	4.9 U	4.8 U
SW8270	CHRYSENE	ug/kg	21	37.1	33.5	23.3	4.9 U	5.1 U	4.9 U	4.8 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	7.53	11.8	8.55	8.68	4.9 U	5.1 U	4.9 U	4.8 U
SW8270	FLUORANTHENE	ug/kg	47.6	89.2	72	65.3	4.9 U	5.1 U	4.9 U	4.8 U
SW8270	FLUORENE	ug/kg	16.9	16.1	11.2	10.7	4.9 U	5.1 U	4.9 U	4.8 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	22.4	43.1	28.8	30.3	4.9 U	5.1 U	4.9 U	4.8 U
SW8270	PHENANTHRENE	ug/kg	57.3	102	79.9	82.8	4.9 U	5.1 U	4.9 U	4.8 U
SW8270	PHENOL	ug/kg	49 U	46 U	47 U	44 U	49 U	51 U	49 U	48 U
SW8270	PYRENE	ug/kg	180	175	126	135	4.9 U	5.1 U	4.9 U	4.8 U
SW9045	pH	S.U.	7.58	7.61	7.67	7.61	7.28	7.24	7.22	7.16

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-40222	OL-VC-40222	OL-VC-40222	OL-VC-40223	OL-VC-40223	OL-VC-40223	OL-VC-40223	OL-VC-40223	OL-VC-40223
		Sample Depth	7-8 Ft	8-9 Ft	9-10 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	
		Field Sample ID	OL-0895-09	OL-0895-10	OL-0895-11	OL-0895-12	OL-0895-13	OL-0895-14	OL-0895-15	OL-0895-16	
		Sample Date	8/19/2009	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	JA26005	JA26005	JA26005	JA26005	JA26005	JA26005	JA26005	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	6240	6940	7890	5850	8710	20300	55700	12100	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	58.4	59	59.3	57.4	61.1	58.7	52.1	57.7	
SW7471	MERCURY	mg/kg	0.02 UJ	0.018 UJ	0.017 UJ	156 J	135 J	189 J	7.2 J	8.2 J	
SW8082	AROCOLOR-1016	ug/kg	5.7 U	5.6 U	5.5 U	5.8 U	5.5 U	5.6 U	6.4 U	5.8 U	
SW8082	AROCOLOR-1221	ug/kg	5.7 U	5.6 U	5.5 U	5.8 U	5.5 U	5.6 U	6.4 U	5.8 U	
SW8082	AROCOLOR-1232	ug/kg	5.7 U	5.6 U	5.5 U	5.8 U	5.5 U	5.6 U	6.4 U	5.8 U	
SW8082	AROCOLOR-1242	ug/kg	5.7 U	5.6 U	5.5 U	58.2	79.4	46.4	6.4 U	5.8 U	
SW8082	AROCOLOR-1248	ug/kg	5.7 U	5.6 U	5.5 U	5.8 U	5.5 U	5.6 U	8.7	25.2 J	
SW8082	AROCOLOR-1254	ug/kg	5.7 U	5.6 U	5.5 U	31.2	63.5	35.8	8.5	14.2	
SW8082	AROCOLOR-1260	ug/kg	5.7 U	5.6 U	5.5 U	5.8 U	5.5 U	5.6 U	6.4 U	5.8 U	
SW8082	AROCOLOR-1268	ug/kg	5.7 U	5.6 U	5.5 U	109	263	159	78.4	115	
SW8082	PCBS, N.O.S.	ug/kg	5.7 U	5.6 U	5.5 U	198	406	241	95.6	154	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.1 U	8.3 U	8.3 U	8.9 U	8 U	8.5 U	9.4 U	8.5 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.1 U	8.3 U	8.3 U	8.9 U	8 U	8.5 U	9.4 U	8.5 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.1 U	8.3 U	8.3 U	2 J	1.7 J	0.56 J	9.4 U	8.5 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.1 U	8.3 U	8.3 U	1.6 J	5.7 J	1.3 J	3.4 J	3.5 J	
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.1 U	8.3 U	8.3 U	61.4	44.5	9	9.4 U	2 J	
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.1 U	8.3 U	8.3 U	47.5	10.6	1.8 J	9.4 U	8.5 U	
SW8260	BENZENE	ug/kg	0.83 J	0.78 J	0.68 J	2	2.9	0.95 J	3.6	0.97 J	
SW8260	CHLOROBENZENE	ug/kg	8.1 U	8.3 U	8.3 U	199	104	7.6 J	1.3 J	2 J	
SW8260	ETHYLBENZENE	ug/kg	1.6 U	1.7 U	1.7 U	10.4	9.9	1.6 J	1.9 U	1.7 U	
SW8260	NAPHTHALENE	ug/kg	8.1 U	8.3 U	8.3 U	4.3 J	3.6 J	8.5 U	9.4 U	8.5 U	
SW8260	O-XYLENE	ug/kg	1.6 U	1.7 U	1.7 U	47.3	32.2	9.7	1.2 J	1 J	
SW8260	TOLUENE	ug/kg	1.6 U	1.7 U	1.7 U	2.1	3.2	2.1	1.3 J	0.56 J	
SW8260	XYLENES, M & P	ug/kg	3.2 U	3.3 U	3.3 U	215	137	26.5	1.9 J	3 J	
SW8260	XYLENES, TOTAL	ug/kg	3.2 U	3.3 U	3.3 U	262	169	36.2	3.1 J	4	
SW8270	ACENAPHTHENE	ug/kg	4.9 U	4.8 U	4.8 U	5 U	4.6 U	4.9 U	5.5 U	4.9 U	
SW8270	ACENAPHTHYLENE	ug/kg	4.9 U	4.8 U	4.8 U	5 U	7.61	7.34	10.6	4.9 U	
SW8270	ANTHRACENE	ug/kg	4.9 U	4.8 U	4.8 U	7.79	36.4	21.6	20.6	6.97	
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.9 U	4.8 U	4.8 U	10.4	79.2	55.7	74.7	13.8	
SW8270	BENZO(A)PYRENE	ug/kg	4.9 U	4.8 U	4.8 U	10.3	77.8	54.2	55	12.5	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.9 U	4.8 U	4.8 U	18.7	160	113	119	19.7	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.9 U	4.8 UJ	4.8 UJ	10.1	90.2	68.7	58.3	12.5	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.9 U	4.8 U	4.8 U	7.64	49	41.6	27.9	7.85	
SW8270	CHRYSENE	ug/kg	4.9 U	4.8 U	4.8 U	9.24	71.4	54.8	44.4	9.61	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.9 U	4.8 U	4.8 U	5 U	19.2	14.5	13.2	4.9 U	
SW8270	FLUORANTHENE	ug/kg	4.9 U	4.8 U	4.8 U	23.5	161	112	108	26	
SW8270	FLUORENE	ug/kg	4.9 U	4.8 U	4.8 U	11.6	17.5	13.3	14.9	4.9 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.9 U	4.8 U	4.8 U	8.91	80.5	58.7	54	9.6	
SW8270	PHENANTHRENE	ug/kg	4.9 U	4.8 U	4.8 U	23	162	106	113	32.4	
SW8270	PHENOL	ug/kg	49 U	48 U	48 U	50 U	46 U	49 U	55 U	49 U	
SW8270	PYRENE	ug/kg	4.9 U	4.8 U	4.8 U	67.4	192	111	108	22.8	
SW9045	pH	S.U.	7.09	7.29	7.2	7.55	7.49	7.37	8.4	7.98	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		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	2-3 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	OL-0891-09
		Sample Date	8/19/2009	8/19/2009	8/19/2009	8/19/2009	8/19/2009	8/18/2009	8/18/2009	8/18/2009
		Sample Delivery Group	JA26005	JA26005	JA26005	JA26005	JA26004	JA25908	JA25908	JA25908
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%						50.5	47.6	56.3
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	7450	7270	6260	7190	12600	95800	27100 J	11300
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	0.021 U
SW8082	AROCOLOR-1016	ug/kg	5.6 U	5.9 U	5.7 U	5.7 U	6 U	6.6 U	6.9 UJ	5.8 U
SW8082	AROCOLOR-1221	ug/kg	5.6 U	5.9 U	5.7 U	5.7 U	6 U	6.6 U	6.9 UJ	5.8 U
SW8082	AROCOLOR-1232	ug/kg	5.6 U	5.9 U	5.7 U	5.7 U	6 U	6.6 U	6.9 UJ	5.8 U
SW8082	AROCOLOR-1242	ug/kg	5.6 U	5.9 U	5.7 U	5.7 U	6 U	6.6 U	6.9 UJ	5.8 U
SW8082	AROCOLOR-1248	ug/kg	5.6 U	5.9 U	5.7 U	5.7 U	6 U	6.6 U	6.9 UJ	5.8 U
SW8082	AROCOLOR-1254	ug/kg	5.6 U	5.9 U	5.7 U	5.7 U	6 U	6.6 U	6.9 UJ	5.8 U
SW8082	AROCOLOR-1260	ug/kg	5.6 U	5.9 U	5.7 U	5.7 U	6 U	6.6 U	6.9 UJ	5.8 U
SW8082	AROCOLOR-1268	ug/kg	5.6 U	5.9 U	5.7 U	5.7 U	6 U	6.6 U	6.9 UJ	5.8 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 UJ	5.8 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 UJ	9.7 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 UJ	9.7 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 UJ	9.7 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 UJ	9.7 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 UJ	9.7 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 UJ	9.7 U
SW8260	BENZENE	ug/kg	1.2 J	1.6 J	1.4 J	1.7	1.9 U	2.3	2.2 J	1.3 J
SW8260	CHLOROBENZENE	ug/kg	8.1 U	8.7 U	8.1 U	8.1 U	9.7 U	11 U	11 UJ	9.7 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	1.9 U
SW8260	NAPHTHALENE	ug/kg	8.1 U	8.7 U	8.1 U	8.1 U	9.7 U	11 U	11 UJ	9.7 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	1.9 U
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	1.9 U
SW8260	XYLENES, M & P	ug/kg	3.3 U	3.5 U	3.2 U	3.2 U	3.9 U	4.2 U	4.5 UJ	3.9 U
SW8260	XYLENES, TOTAL	ug/kg	3.3 U	3.5 U	3.2 U	3.2 U	3.9 U	4.2 U	4.5 UJ	3.9 U
SW8270	ACENAPHTHENE	ug/kg	4.9 U	5 UJ	4.9 U	4.8 U	5.2 U	5.6 U	6 UJ	5.1 U
SW8270	ACENAPHTHYLENE	ug/kg	4.9 U	5 UJ	4.9 U	4.8 U	5.2 U	5.6 U	6 UJ	5.1 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	5.1 U
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	5.1 U
SW8270	BENZO(A)PYRENE	ug/kg	4.9 U	5 UJ	4.9 U	4.8 U	5.2 U	5.6 U	6 UJ	5.1 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 UJ	5.1 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 UJ	5.1 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 UJ	5.1 U
SW8270	CHRYSENE	ug/kg	4.9 U	5 UJ	4.9 U	4.8 U	5.2 U	9.75	12.4 J	5.1 U
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 UJ	5.1 U
SW8270	FLUORANTHENE	ug/kg	4.9 U	5 UJ	4.9 U	4.8 U	5.2 U	19.7	20 J	5.1 U
SW8270	FLUORENE	ug/kg	4.9 U	5 UJ	4.9 U	4.8 U	5.2 U	5.6 U	6 UJ	5.1 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 UJ	5.1 U
SW8270	PHENANTHRENE	ug/kg	4.9 U	5 UJ	4.9 U	4.8 U	5.2 U	12.9	10.7 J	5.1 U
SW8270	PHENOL	ug/kg	49 U	50 U	49 U	48 U	52 U	56 U	60 UJ	51 U
SW8270	PYRENE	ug/kg	4.9 U	5 UJ	4.9 U	4.8 U	5.2 U	19.8	18.9 J	5.1 U
SW9045	pH	S.U.	7.29	7.25	7.16	6.98	7.53	7.65	8.41 J	7.55

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-40224	OL-VC-40225	OL-VC-40225	OL-VC-40225	OL-VC-40225	OL-VC-40226	OL-VC-40226	OL-VC-40226
		Sample Depth	3-4 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-3.8 Ft	0-1 Ft	1-2 Ft	2-3 Ft
		Field Sample ID	OL-0891-10	OL-0856-10	OL-0856-11	OL-0856-12	OL-0856-13	OL-0856-14	OL-0856-15	OL-0856-16
		Sample Date	8/18/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009
		Sample Delivery Group	JA25908	JA24577	JA24577	JA24577	JA24577	JA24577	JA24577	JA24577
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%	59							
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	6270	16500 J	54500	11700	8190	84000 J	7900	8380
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%		46	61.1	50.3	63.9	45.1	60	57.3
SW7471	MERCURY	mg/kg	0.019 U	41.7 J	3.5	0.051 J	0.024 J	19.3 J	0.021 U	0.02 U
SW8082	AROCOLOR-1016	ug/kg	5.6 U	7.2 UJ	5.5 U	6.6 U	5.2 U	7.3 UJ	5.5 U	5.8 U
SW8082	AROCOLOR-1221	ug/kg	5.6 U	7.2 UJ	5.5 U	6.6 U	5.2 U	7.3 UJ	5.5 U	5.8 U
SW8082	AROCOLOR-1232	ug/kg	5.6 U	7.2 UJ	5.5 U	6.6 U	5.2 U	7.3 UJ	5.5 U	5.8 U
SW8082	AROCOLOR-1242	ug/kg	5.6 U	7.2 UJ	5.5 U	6.6 U	5.2 U	7.3 UJ	5.5 U	5.8 U
SW8082	AROCOLOR-1248	ug/kg	5.6 U	55.1 J	26.4	6.6 U	31	7.3 UJ	5.5 U	5.8 U
SW8082	AROCOLOR-1254	ug/kg	5.6 U	36.7 J	18.4	6.6 U	17.5	11.6 J	5.5 U	5.8 U
SW8082	AROCOLOR-1260	ug/kg	5.6 U	7.2 UJ	5.5 U	6.6 U	9.3	7.3 UJ	5.5 U	5.8 U
SW8082	AROCOLOR-1268	ug/kg	5.6 U	286 J	12.4	6.6 U	5.2 U	7.3 UJ	5.5 U	5.8 U
SW8082	PCBS, N.O.S.	ug/kg	5.6 U	378 J	57.2	6.6 U	58	11.6 J	5.5 U	5.8 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9 U	11 UJ	7.7 U	9.7 U	7.2 U	10 UJ	7.9 U	8.4 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9 U	11 UJ	7.7 U	9.7 U	7.2 U	10 UJ	7.9 U	8.4 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	9 U	11 UJ	7.7 U	9.7 U	7.2 U	10 UJ	7.9 U	8.4 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9 U	1.1 J	7.7 U	9.7 U	7.2 U	10 UJ	7.9 U	8.4 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	9 U	3.2 J	7.7 U	9.7 U	7.2 U	10 UJ	7.9 U	8.4 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	9 U	1.4 J	7.7 U	9.7 U	7.2 U	10 UJ	7.9 U	8.4 U
SW8260	BENZENE	ug/kg	1.2 J	1.5 J	1.7	1.3 J	0.81 J	4.8 J	0.9 J	0.89 J
SW8260	CHLOROBENZENE	ug/kg	9 U	0.74 J	7.7 U	9.7 U	7.2 U	0.96 J	7.9 U	8.4 U
SW8260	ETHYLBENZENE	ug/kg	1.8 U	2.2 UJ	1.5 U	1.9 U	1.4 U	2.1 UJ	1.6 U	1.7 U
SW8260	NAPHTHALENE	ug/kg	9 U	11 UJ	7.7 U	3.7 J	1.7 J	10 UJ	5.3 J	6 J
SW8260	O-XYLENE	ug/kg	1.8 U	2.2 UJ	1.5 U	1.9 U	1.4 U	2.1 UJ	1.6 U	1.7 U
SW8260	TOLUENE	ug/kg	1.8 U	0.82 J	0.48 J	0.68 J	0.43 J	2.1 UJ	0.47 J	1.7 U
SW8260	XYLENES, M & P	ug/kg	3.6 U	1 J	3.1 U	0.96 J	2.9 U	4.1 UJ	0.8 J	3.4 U
SW8260	XYLENES, TOTAL	ug/kg	3.6 U	1 J	3.1 U	0.96 J	2.9 U	4.1 UJ	0.8 J	3.4 U
SW8270	ACENAPHTHENE	ug/kg	4.8 U	12 UJ	9.4 U	11 U	8.9 U	13 UJ	9.5 U	10 U
SW8270	ACENAPHTHYLENE	ug/kg	4.8 U	12 UJ	9.74	11 U	8.9 U	13 UJ	9.5 U	10 U
SW8270	ANTHRACENE	ug/kg	4.8 U	12 UJ	20.3	11 U	8.9 U	13 UJ	9.5 U	10 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.8 U	10.2 J	51.4	11 U	8.9 U	11.7 J	9.5 U	10 U
SW8270	BENZO(A)PYRENE	ug/kg	4.8 U	10.7 J	42.6	11 U	8.9 U	11.2 J	9.5 U	10 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.8 U	17.1 J	71.1	11 U	8.9 U	16.3 J	9.5 U	10 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.8 U	6.13 J	31.3	11 U	8.9 U	6.91 J	9.5 U	10 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.8 U	5.44 J	21.2	11 U	8.9 U	6.35 J	9.5 U	10 U
SW8270	CHRYSENE	ug/kg	4.8 U	12.6 J	40	11 U	8.9 U	9.83 J	9.5 U	10 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.8 U	12 UJ	7.75 J	11 U	8.9 U	13 UJ	9.5 U	10 U
SW8270	FLUORANTHENE	ug/kg	4.8 U	28.4 J	94.2	11 U	8.9 U	24.9 J	9.5 U	10 U
SW8270	FLUORENE	ug/kg	4.8 U	12 UJ	7.81 J	11 U	8.9 U	13 UJ	9.5 U	10 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.8 U	12 UJ	27.1	11 U	8.9 U	13 UJ	9.5 U	10 U
SW8270	PHENANTHRENE	ug/kg	4.8 U	16.6 J	74.8	11 U	8.9 U	18 J	9.5 U	10 U
SW8270	PHENOL	ug/kg	48 U	62 UJ	47 U	57 U	45 U	63 UJ	48 U	50 U
SW8270	PYRENE	ug/kg	4.8 U	29.8 J	91.1	11 U	8.9 U	24.5 J	9.5 U	10 U
SW9045	pH	S.U.	7.42	7.25 J	7.66	7.39	7.31	7.38 J	7.22	7.11

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-40226	OL-VC-40227	OL-VC-40227	OL-VC-40227	OL-VC-40227	OL-VC-40227	OL-VC-40227	OL-VC-40228	OL-VC-40228
		Sample Depth	3-4 Ft	0-1 Ft	1-2 Ft	1-2 Ft	2-3 Ft	3-4 Ft	0-1 Ft	1-2 Ft	
		Field Sample ID	OL-0856-17	OL-0891-02	OL-0891-03	OL-0891-04	OL-0891-05	OL-0891-06	OL-0875-10	OL-0875-11	
		Sample Date	7/31/2009	8/18/2009	8/18/2009	8/18/2009	8/18/2009	8/18/2009	8/10/2009	8/10/2009	
		Sample Delivery Group	JA24577	JA25908	JA25908	JA25908	JA25908	JA25908	JA25247	JA25247	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%		57	58.3	55.7	60.3	50.9			
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	8580	25800	9560	9550	11400	14200	105000	12300	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	56.8						51.9	58.1	
SW7471	MERCURY	mg/kg	0.076	11.3	0.097	0.14	0.11	0.021	1.7	0.029	
SW8082	AROCOLOR-1016	ug/kg	5.8 U	5.7 U	5.6 U	6 U	5.4 U	6.4 U	6.4 U	5.7 U	
SW8082	AROCOLOR-1221	ug/kg	5.8 U	5.7 U	5.6 U	6 U	5.4 U	6.4 U	6.4 U	5.7 U	
SW8082	AROCOLOR-1232	ug/kg	5.8 U	5.7 U	5.6 U	6 U	5.4 U	6.4 U	6.4 U	5.7 U	
SW8082	AROCOLOR-1242	ug/kg	5.8 U	5.7 U	5.6 U	6 U	5.4 U	6.4 U	6.4 U	5.7 U	
SW8082	AROCOLOR-1248	ug/kg	5.8 U	20.2	5.6 U	6 U	5.4 U	6.4 U	6.4 U	5.7 U	
SW8082	AROCOLOR-1254	ug/kg	5.8 U	13.6	5.6 U	6 U	5.4 U	6.4 U	6.4 U	5.7 U	
SW8082	AROCOLOR-1260	ug/kg	5.8 U	5.7 U	5.6 U	6 U	5.4 U	6.4 U	6.4 U	5.7 U	
SW8082	AROCOLOR-1268	ug/kg	5.8 U	6.5 J	5.6 U	6 U	5.4 U	6.4 U	6.4 U	5.7 U	
SW8082	PCBS, N.O.S.	ug/kg	5.8 U	40.3	5.6 U	6 U	5.4 U	6.4 U	6.4 U	5.7 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.3 U	9.7 U	8.9 U	8.8 U	8.1 U	9.6 U	9.6 U	8 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.3 U	9.7 U	8.9 U	8.8 U	8.1 U	9.6 U	9.6 U	8 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.3 U	9.7 U	8.9 U	8.8 U	8.1 U	9.6 U	9.6 U	8 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.3 U	9.7 U	8.9 U	8.8 U	8.1 U	9.6 U	9.6 U	8 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.3 U	9.7 U	8.9 U	8.8 U	8.1 U	9.6 U	9.6 U	8 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.3 U	9.7 U	8.9 U	8.8 U	8.1 U	9.6 U	9.6 U	8 U	
SW8260	BENZENE	ug/kg	0.62 J	2	1.3 J	1.7 J	1 J	1.9	1.9 U	1.6 U	
SW8260	CHLOROBENZENE	ug/kg	8.3 U	9.7 U	8.9 U	8.8 U	8.1 U	9.6 U	9.6 U	8 U	
SW8260	ETHYLBENZENE	ug/kg	1.7 U	1.9 U	1.8 U	1.8 U	1.6 U	1.9 U	1.9 U	1.6 U	
SW8260	NAPHTHALENE	ug/kg	5.6 J	9.7 U	4.4 J	4.9 J	3.8 J	9.6 U	9.6 U	7 J	
SW8260	O-XYLENE	ug/kg	1.7 U	1.9 U	1.8 U	1.8 U	1.6 U	1.9 U	1.9 U	1.6 U	
SW8260	TOLUENE	ug/kg	1.7 U	0.66 J	0.73 J	0.88 J	0.53 J	0.82 J	1.9 U	1.6 U	
SW8260	XYLENES, M & P	ug/kg	3.3 U	3.9 U	3.6 U	3.5 U	3.3 U	3.9 U	3.9 U	3.2 U	
SW8260	XYLENES, TOTAL	ug/kg	3.3 U	3.9 U	3.6 U	3.5 U	3.3 U	3.9 U	3.9 U	3.2 U	
SW8270	ACENAPHTHENE	ug/kg	10 U	5 U	4.9 U	5.1 U	4.7 U	5.6 U	11.2	4.9 U	
SW8270	ACENAPHTHYLENE	ug/kg	10 U	5 U	4.9 U	5.1 U	4.7 U	5.6 U	22.1	4.9 U	
SW8270	ANTHRACENE	ug/kg	10 U	5 U	4.9 U	5.1 U	4.7 U	5.6 U	36.8	4.9 U	
SW8270	BENZO(A)ANTHRACENE	ug/kg	10 U	9.33	4.9 U	5.1 U	4.7 U	5.6 U	89.4	4.9 U	
SW8270	BENZO(A)PYRENE	ug/kg	10 U	5 U	4.9 U	5.1 U	4.7 U	5.6 U	39.3	4.9 U	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	10 U	5 U	4.9 U	5.1 U	4.7 U	5.6 U	92	4.9 U	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	10 U	5 U	4.9 U	5.1 U	4.7 U	5.6 U	30.2	4.9 U	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	10 U	5 U	4.9 U	5.1 U	4.7 U	5.6 U	18.2	4.9 U	
SW8270	CHRYSENE	ug/kg	10 U	9.75	4.9 U	5.1 U	4.7 U	5.6 U	48.6	4.9 U	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	10 U	5 U	4.9 U	5.1 U	4.7 U	5.6 U	9.3	4.9 U	
SW8270	FLUORANTHENE	ug/kg	10 U	18.7	4.9 U	5.1 U	4.7 U	5.6 U	203	4.9 U	
SW8270	FLUORENE	ug/kg	10 U	5 U	4.9 U	5.1 U	4.7 U	5.6 U	24.5	4.9 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	10 U	5 U	4.9 U	5.1 U	4.7 U	5.6 U	24.8	4.9 U	
SW8270	PHENANTHRENE	ug/kg	10 U	12.9	4.9 U	5.1 U	4.7 U	5.6 U	179	4.9 U	
SW8270	PHENOL	ug/kg	50 U	50 U	49 U	51 U	47 U	56 U	54 U	49 U	
SW8270	PYRENE	ug/kg	10 U	19.7	4.9 U	5.1 U	4.7 U	5.6 U	194	4.9 U	
SW9045	pH	S.U.	7.4	7.52	7.31	7.17	7.4	7.15	7.19	7.26	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-40228	OL-VC-40228	OL-VC-40229	OL-VC-40229	OL-VC-40229	OL-VC-40229	OL-VC-40229	OL-VC-40229	OL-VC-40230
		Sample Depth	2-3 Ft	3-4 Ft	0-1 Ft	1-2 Ft	1-2 Ft	2-3 Ft	3-4 Ft	0-1 Ft	
		Field Sample ID	OL-0875-12	OL-0875-13	OL-0875-01	OL-0875-02	OL-0875-03	OL-0875-04	OL-0875-05	OL-0891-11	
		Sample Date	8/10/2009	8/10/2009	8/10/2009	8/10/2009	8/10/2009	8/10/2009	8/10/2009	8/18/2009	
		Sample Delivery Group	JA25247	JA25247	JA25247	JA25247	JA25247	JA25247	JA25247	JA25908	
		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	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									56.7
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	29700	22600	38600	15400 J	7950 J	19800 J	9770	9890	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	59.5	64.5	60.6	60.1	64.8	60.8	57.9		
SW7471	MERCURY	mg/kg	0.019 U	0.017 U	0.19	0.021 J	0.024 J	0.019 U	0.019 U	2	
SW8082	AROCOLOR-1016	ug/kg	5.6 U	5.2 U	5.5 U	5.5 U	5.1 U	5.5 U	5.8 U	5.8 U	
SW8082	AROCOLOR-1221	ug/kg	5.6 U	5.2 U	5.5 U	5.5 U	5.1 U	5.5 U	5.8 U	5.8 U	
SW8082	AROCOLOR-1232	ug/kg	5.6 U	5.2 U	5.5 U	5.5 U	5.1 U	5.5 U	5.8 U	5.8 U	
SW8082	AROCOLOR-1242	ug/kg	5.6 U	5.2 U	5.5 U	5.5 U	5.1 U	5.5 U	5.8 U	5.8 U	
SW8082	AROCOLOR-1248	ug/kg	5.6 U	5.2 U	5.5 U	5.5 U	5.1 U	5.5 U	5.8 U	5.8 U	
SW8082	AROCOLOR-1254	ug/kg	5.6 U	5.2 U	5.5 U	5.5 U	5.1 U	5.5 U	5.8 U	5.8 U	
SW8082	AROCOLOR-1260	ug/kg	5.6 U	5.2 U	5.5 U	5.5 U	5.1 U	5.5 U	5.8 U	5.8 U	
SW8082	AROCOLOR-1268	ug/kg	5.6 U	5.2 U	5.5 U	5.5 U	5.1 U	5.5 U	5.8 U	5.8 U	
SW8082	PCBS, N.O.S.	ug/kg	5.6 U	5.2 U	5.5 U	5.5 U	5.1 U	5.5 U	5.8 U	5.8 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	7.5 U	6.8 U	6.9 U	8.3 U	7.3 U	8.1 U	7.7 U	8.8 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	7.5 U	6.8 U	6.9 U	8.3 U	7.3 U	8.1 U	7.7 U	8.8 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	7.5 U	6.8 U	6.9 U	8.3 U	7.3 U	8.1 U	7.7 U	8.8 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	7.5 U	6.8 U	6.9 U	8.3 U	7.3 U	8.1 U	7.7 U	8.8 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	7.5 U	6.8 U	6.9 U	8.3 U	7.3 U	8.1 U	7.7 U	8.8 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	7.5 U	6.8 U	6.9 U	8.3 U	7.3 U	8.1 U	7.7 U	8.8 U	
SW8260	BENZENE	ug/kg	1.2 J	1.1 J	0.69 J	1.7 U	1.5 U	1.6 U	1.7	0.61 J	
SW8260	CHLOROBENZENE	ug/kg	7.5 U	6.8 U	6.9 U	8.3 U	7.3 U	8.1 U	7.7 U	8.8 U	
SW8260	ETHYLBENZENE	ug/kg	1.5 U	1.4 U	1.4 U	1.7 U	1.5 U	1.6 U	1.5 U	1.8 U	
SW8260	NAPHTHALENE	ug/kg	7.6	5.4 J	6.9 U	8.3 U	7.3 U	8.1 U	7.7 U	8.8 U	
SW8260	O-XYLENE	ug/kg	1.5 U	1.4 U	1.4 U	1.7 U	1.5 U	1.6 U	1.5 U	1.8 U	
SW8260	TOLUENE	ug/kg	1.5 U	1.4 U	1.4 U	1.7 U	1.5 U	1.6 U	0.81 J	1.8	
SW8260	XYLENES, M & P	ug/kg	3 U	2.7 U	2.8 U	3.3 U	2.9 U	3.2 U	3.1 U	3.5 U	
SW8260	XYLENES, TOTAL	ug/kg	3 U	2.7 U	2.8 U	3.3 U	2.9 U	3.2 U	3.1 U	3.5 U	
SW8270	ACENAPHTHENE	ug/kg	4.7 U	4.4 U	4.7 U	4.8 U	4.4 U	4.6 U	4.9 U	5 U	
SW8270	ACENAPHTHYLENE	ug/kg	4.7 U	4.4 U	4.7 U	4.8 U	4.4 U	4.6 U	4.9 U	5 U	
SW8270	ANTHRACENE	ug/kg	4.7 U	4.4 U	4.7 U	4.8 U	4.4 U	4.6 U	4.9 U	5 U	
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.7 U	4.4 U	4.7 U	4.8 U	4.4 U	4.6 U	4.9 U	4.68 J	
SW8270	BENZO(A)PYRENE	ug/kg	4.7 U	4.4 U	4.7 U	4.8 U	4.4 U	4.6 U	4.9 U	5 U	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.7 U	4.4 U	4.7 U	4.8 U	4.4 U	4.6 U	4.9 U	5 U	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.7 U	4.4 U	4.7 U	4.8 U	4.4 U	4.6 U	4.9 U	5 U	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.7 U	4.4 U	4.7 U	4.8 U	4.4 U	4.6 U	4.9 U	5 U	
SW8270	CHRYSENE	ug/kg	4.7 U	4.4 U	4.7 U	4.8 U	4.4 U	4.6 U	4.9 U	5.84	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.7 U	4.4 U	4.7 U	4.8 U	4.4 U	4.6 U	4.9 U	5 U	
SW8270	FLUORANTHENE	ug/kg	4.7 U	4.4 U	9.37	4.8 U	4.4 U	4.6 U	4.9 U	8.43	
SW8270	FLUORENE	ug/kg	4.7 U	4.4 U	4.7 U	4.8 U	4.4 U	4.6 U	4.9 U	5 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.7 U	4.4 U	4.7 U	4.8 U	4.4 U	4.6 U	4.9 U	5 U	
SW8270	PHENANTHRENE	ug/kg	4.7 U	4.4 U	4.7 U	4.8 U	4.4 U	4.6 U	4.9 U	5 U	
SW8270	PHENOL	ug/kg	170	301	478	48 U	262	474 J	679	167	
SW8270	PYRENE	ug/kg	4.7 U	4.4 U	11.9	4.8 U	4.4 U	4.6 U	4.9 U	10.8	
SW9045	pH	S.U.	6.96	6.99	7.21	7.13	7.25	7.1	6.93	7.5	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-40230	OL-VC-40230	OL-VC-40230	OL-VC-40231	OL-VC-40231	OL-VC-40231	OL-VC-40231	OL-VC-40231
		Sample Depth	1-2 Ft	2-3 Ft	3-4 Ft	0-1 Ft	1-2 Ft	2-3 Ft	2-3 Ft	3-4 Ft
		Field Sample ID	OL-0891-12	OL-0891-13	OL-0891-14	OL-0854-01	OL-0854-02	OL-0854-03	OL-0854-04	OL-0854-05
		Sample Date	8/18/2009	8/18/2009	8/18/2009	7/30/2009	7/30/2009	7/30/2009	7/30/2009	7/30/2009
		Sample Delivery Group	JA25908	JA25908	JA25908	JA24410	JA24410	JA24410	JA24410	JA24410
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%	58.7	54.3	59.6	63.4	50.2	59.7	59.4	50.9
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	8980	7090	12900	7840	9150	8190	8550	8840
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%								
SW7471	MERCURY	mg/kg	0.077	0.021 U	0.019 U	0.047 J	0.024 U	0.021 U	0.021 U	0.022 U
SW8082	AROCOR-1016	ug/kg	5.7 U	6 U	5.5 U	5.1 U	6.6 U	5.5 U	5.5 U	6.5 U
SW8082	AROCOR-1221	ug/kg	5.7 U	6 U	5.5 U	5.1 U	6.6 U	5.5 U	5.5 U	6.5 U
SW8082	AROCOR-1232	ug/kg	5.7 U	6 U	5.5 U	5.1 U	6.6 U	5.5 U	5.5 U	6.5 U
SW8082	AROCOR-1242	ug/kg	5.7 U	6 U	5.5 U	5.1 U	6.6 U	5.5 U	5.5 U	6.5 U
SW8082	AROCOR-1248	ug/kg	5.7 U	6 U	5.5 U	5.1 U	6.6 U	5.5 U	5.5 U	6.5 U
SW8082	AROCOR-1254	ug/kg	5.7 U	6 U	5.5 U	5.1 U	6.6 U	5.5 U	5.5 U	6.5 U
SW8082	AROCOR-1260	ug/kg	5.7 U	6 U	5.5 U	5.1 U	6.6 U	5.5 U	5.5 U	6.5 U
SW8082	AROCOR-1268	ug/kg	5.7 U	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	5.7 U	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	9.3 U	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	9.3 U	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	9.3 U	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	9.3 U	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	9.3 U	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	9.3 U	10 U	8.9 U	7.6 U	9.6 U	7.9 U	7.7 U	9.4 U
SW8260	BENZENE	ug/kg	1.9 U	2 U	1.8 U	14.5	23.1	19.4	18.6	26.3
SW8260	CHLOROBENZENE	ug/kg	9.3 U	10 U	8.9 U	7.6 U	9.6 U	7.9 U	7.7 U	9.4 U
SW8260	ETHYLBENZENE	ug/kg	1.9 U	2 U	1.8 U	1.5 U	1.9 U	1.6 U	1.5 U	1.9 U
SW8260	NAPHTHALENE	ug/kg	9.3 U	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	1.9 U	2 U	1.8 U	1.5 U	1.9 U	1.6 U	1.5 U	1.9 U
SW8260	TOLUENE	ug/kg	1.2 J	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	3.7 U	4 U	3.6 U	3 U	3.8 U	3.2 U	3.1 U	3.8 U
SW8260	XYLENES, TOTAL	ug/kg	3.7 U	4 U	3.6 U	3 U	3.8 U	3.2 U	3.1 U	3.8 U
SW8270	ACENAPHTHENE	ug/kg	4.8 U	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	4.8 U	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	4.8 U	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	4.8 U	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	4.8 U	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	4.8 U	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	4.8 U	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	4.8 U	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	4.8 U	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	4.8 U	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	4.8 U	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	4.8 U	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	4.8 U	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	4.8 U	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	394	387	295	281	634	411	439	565
SW8270	PYRENE	ug/kg	4.8 U	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.	7.2	7.32	7.27	6.79	6.96	6.9	6.71	6.76

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-40232	OL-VC-40232	OL-VC-40232	OL-VC-40232	OL-VC-40233	OL-VC-40233	OL-VC-40233	OL-VC-40233
		Sample Depth	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	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	OL-0875-06	OL-0875-07	OL-0875-08	OL-0875-09
		Sample Date	7/30/2009	7/30/2009	7/30/2009	7/30/2009	8/10/2009	8/10/2009	8/10/2009	8/10/2009
		Sample Delivery Group	JA24410	JA24410	JA24410	JA24410	JA25247	JA25247	JA25247	JA25247
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%	58.1	56.9	61	53.9				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	19100	18600	6740	10300	8190	13300	24000	11600
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%					65.8	59.6	63.4	58.7
SW7471	MERCURY	mg/kg	0.5	0.022 U	0.02 U	0.024 U	0.086	0.019 U	0.017 U	0.018 U
SW8082	AROCOLOR-1016	ug/kg	5.6 U	5.7 U	5.5 U	6.1 U	5.1 U	5.6 U	5.3 U	5.7 U
SW8082	AROCOLOR-1221	ug/kg	5.6 U	5.7 U	5.5 U	6.1 U	5.1 U	5.6 U	5.3 U	5.7 U
SW8082	AROCOLOR-1232	ug/kg	5.6 U	5.7 U	5.5 U	6.1 U	5.1 U	5.6 U	5.3 U	5.7 U
SW8082	AROCOLOR-1242	ug/kg	5.6 U	5.7 U	5.5 U	6.1 U	5.1 U	5.6 U	5.3 U	5.7 U
SW8082	AROCOLOR-1248	ug/kg	5.6 U	5.7 U	5.5 U	6.1 U	5.1 U	5.6 U	5.3 U	5.7 U
SW8082	AROCOLOR-1254	ug/kg	5.6 U	5.7 U	5.5 U	6.1 U	5.1 U	5.6 U	5.3 U	5.7 U
SW8082	AROCOLOR-1260	ug/kg	5.6 U	5.7 U	5.5 U	6.1 U	5.1 U	5.6 U	5.3 U	5.7 U
SW8082	AROCOLOR-1268	ug/kg	5.6 U	5.7 U	5.5 U	6.1 U	5.1 U	5.6 U	5.3 U	5.7 U
SW8082	PCBS, N.O.S.	ug/kg	5.6 U	5.7 U	5.5 U	6.1 U	5.1 U	5.6 U	5.3 U	5.7 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.3 U	44 U	7.7 U	23 U	7.6 U	9.1 U	8 U	8.7 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.3 U	44 U	7.7 U	23 U	7.6 U	9.1 U	8 U	8.7 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.3 U	44 U	7.7 U	23 U	7.6 U	9.1 U	8 U	8.7 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.3 U	44 U	7.7 U	23 U	7.6 U	9.1 U	8 U	8.7 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.3 U	44 U	7.7 U	23 U	7.6 U	9.1 U	8 U	8.7 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.3 U	44 U	7.7 U	23 U	7.6 U	9.1 U	8 U	8.7 U
SW8260	BENZENE	ug/kg	912	898	630	1060	121	58.7	108	63.2
SW8260	CHLOROBENZENE	ug/kg	8.3 U	44 U	7.7 U	23 U	7.6 U	9.1 U	8 U	8.7 U
SW8260	ETHYLBENZENE	ug/kg	1.7 U	8.8 U	1.5 U	4.6 U	1.5 U	1.8 U	1.6 U	1.7 U
SW8260	NAPHTHALENE	ug/kg	8.3 U	44 U	7.7 U	23 U	7.6 U	9.1 U	8 U	8.7 U
SW8260	O-XYLENE	ug/kg	1.7 U	8.8 U	1.5 U	4.6 U	1.5 U	1.8 U	1.6 U	1.7 U
SW8260	TOLUENE	ug/kg	1.7 U	8.8 U	1.5 U	4.6 U	1.5 U	1.8 U	0.49 J	1.7 U
SW8260	XYLENES, M & P	ug/kg	3.3 U	18 U	3.1 U	9.3 U	3 U	3.6 U	3.2 U	3.5 U
SW8260	XYLENES, TOTAL	ug/kg	3.3 U	18 U	3.1 U	9.3 U	3 U	3.6 U	3.2 U	3.5 U
SW8270	ACENAPHTHENE	ug/kg	4.9 U	5 U	4.7 U	5.3 U	4.3 U	4.8 U	4.5 U	4.8 U
SW8270	ACENAPHTHYLENE	ug/kg	4.9 U	5 U	4.7 U	5.3 U	4.3 U	4.8 U	4.5 U	4.8 U
SW8270	ANTHRACENE	ug/kg	4.9 U	5 U	4.7 U	5.3 U	4.3 U	4.8 U	4.5 U	4.8 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.9 U	5 U	4.7 U	5.3 U	6.66	4.8 U	4.5 U	4.8 U
SW8270	BENZO(A)PYRENE	ug/kg	4.9 U	5 U	4.7 U	5.3 U	4.3 U	4.8 U	4.5 U	4.8 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.9 U	5 U	4.7 U	5.3 U	4.3 U	4.8 U	4.5 U	4.8 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.9 U	5 U	4.7 U	5.3 U	4.3 U	4.8 U	4.5 U	4.8 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.9 U	5 U	4.7 U	5.3 U	4.3 U	4.8 U	4.5 U	4.8 U
SW8270	CHRYSENE	ug/kg	4.9 U	5 U	4.7 U	5.3 U	5.1	4.8 U	4.5 U	4.8 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.9 U	5 U	4.7 U	5.3 U	4.3 U	4.8 U	4.5 U	4.8 U
SW8270	FLUORANTHENE	ug/kg	4.9 U	5 U	4.7 U	5.3 U	12.6	4.8 U	4.5 U	4.8 U
SW8270	FLUORENE	ug/kg	4.9 U	5 U	4.7 U	5.3 U	4.3 U	4.8 U	4.5 U	4.8 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.9 U	5 U	4.7 U	5.3 U	4.3 U	4.8 U	4.5 U	4.8 U
SW8270	PHENANTHRENE	ug/kg	9.3 J	5 U	4.7 U	5.3 U	4.3 U	4.8 U	4.5 U	4.8 U
SW8270	PHENOL	ug/kg	582	332	564	834	264	349	258	469
SW8270	PYRENE	ug/kg	4.9 U	5 U	4.7 U	5.3 U	13.4	4.8 U	4.5 U	4.8 U
SW9045	pH	S.U.	6.86	6.88	6.89	6.69	7.12	6.95	7.02	6.97

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-40234	OL-VC-40234	OL-VC-40234	OL-VC-40234	OL-VC-40234	OL-VC-40235	OL-VC-40235	OL-VC-40235
		Sample Depth	0-1 Ft	1-2 Ft	1-2 Ft	2-3 Ft	3-4 Ft	0-1 Ft	1-2 Ft	2-3 Ft
		Field Sample ID	OL-0873-01	OL-0873-02	OL-0873-03	OL-0873-04	OL-0873-05	OL-0873-06	OL-0873-07	OL-0873-08
		Sample Date	8/7/2009	8/7/2009	8/7/2009	8/7/2009	8/7/2009	8/7/2009	8/7/2009	8/7/2009
		Sample Delivery Group	JA25173	JA25173	JA25173	JA25173	JA25173	JA25173	JA25173	JA25173
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	19900 J	12600	9090	13200	19600	29200 J	14100	9580
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	47.9	52.7	55.1	59.4	63.2	38.4	55.3	58
SW7471	MERCURY	mg/kg	3.1 J	2.7 J	4 J	1.8 J	10.8 J	1.1 J	2 J	1.3 J
SW8082	AROCOLOR-1016	ug/kg	7 UJ	6.2 U	6 U	5.5 U	5.2 U	8.6 UJ	6 U	5.7 U
SW8082	AROCOLOR-1221	ug/kg	7 UJ	6.2 U	6 U	5.5 U	5.2 U	8.6 UJ	6 U	5.7 U
SW8082	AROCOLOR-1232	ug/kg	7 UJ	6.2 U	6 U	5.5 U	5.2 U	8.6 UJ	6 U	5.7 U
SW8082	AROCOLOR-1242	ug/kg	7 UJ	6.2 U	6 U	5.5 U	5.2 U	8.6 UJ	6 U	5.7 U
SW8082	AROCOLOR-1248	ug/kg	7 UJ	6.2 U	6 U	5.5 U	131	8.6 UJ	6 U	28.9
SW8082	AROCOLOR-1254	ug/kg	7 UJ	17.5 J	6 UJ	15.8	47.7 J	8.6 UJ	6 U	13.4
SW8082	AROCOLOR-1260	ug/kg	7 UJ	6.2 U	6 U	7.9	5.2 U	8.6 UJ	6 U	5.7 U
SW8082	AROCOLOR-1268	ug/kg	19.5 J	6.2 U	6 U	5.5 U	79.6	8.6 UJ	6 U	5.7 U
SW8082	PCBS, N.O.S.	ug/kg	19.5 J	17.5 J	6 UJ	23.7	258	8.6 UJ	6 U	42.3
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	11 UJ	8.6 U	8.1 U	8.4 U	7.5 U	13 UJ	8.4 U	9.2 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	11 UJ	8.6 U	8.1 U	8.4 U	7.5 U	13 UJ	8.4 U	9.2 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	11 UJ	8.6 U	8.1 U	8.4 U	7.5 U	13 UJ	8.4 U	9.2 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	11 UJ	8.6 U	8.1 U	8.4 U	7.5 U	13 UJ	8.4 UJ	9.2 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	11 UJ	1.1 J	1.1 J	6.5 J	0.91 J	13 UJ	8.4 U	6.7 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	0.75 J	8.6 U	8.1 U	1.4 J	0.76 J	13 UJ	0.61 J	1.4 J
SW8260	BENZENE	ug/kg	2.2 UJ	1.7 U	1.6 U	3.9	4.2	2.6 UJ	1.7 U	1.8 U
SW8260	CHLOROBENZENE	ug/kg	11 UJ	1 J	1 J	2 J	0.92 J	13 UJ	0.89 J	4.5 J
SW8260	ETHYLBENZENE	ug/kg	2.2 UJ	1.7 U	1.6 U	1.7 U	1.5 U	2.6 UJ	1.7 U	1.8 U
SW8260	NAPHTHALENE	ug/kg	11 UJ	8.6 U	8.1 U	8.4 U	7.5 U	13 UJ	8.4 U	9.2 U
SW8260	O-XYLENE	ug/kg	2.2 UJ	1.7 U	1.6 U	1.7 U	1.5 U	2.6 UJ	1.7 U	1.8 U
SW8260	TOLUENE	ug/kg	2.2 UJ	1.7 U	1.6 U	1.7 U	1.5 U	2.6 UJ	1.7 U	1.8 U
SW8260	XYLENES, M & P	ug/kg	4.3 UJ	3.5 U	3.2 U	0.9 J	0.8 J	5.2 UJ	3.3 U	1.1 J
SW8260	XYLENES, TOTAL	ug/kg	4.3 UJ	3.5 U	3.2 U	0.9 J	0.8 J	5.2 UJ	3.3 U	1.1 J
SW8270	ACENAPHTHENE	ug/kg	6.4 UJ	5.4 U	5.1 U	5.59	5.59	7.28 J	5.2 U	4.9 U
SW8270	ACENAPHTHYLENE	ug/kg	6.4 UJ	15.6	9.51	15.3	17.5	26.5 J	5.2 U	11.2
SW8270	ANTHRACENE	ug/kg	14.7 J	26.1	16.6	24.2	32.3	47.6 J	5.2 U	16.9
SW8270	BENZO(A)ANTHRACENE	ug/kg	89 J	81.2 J	44.5 J	64.8	72.5	201 J	5.2 U	47.6
SW8270	BENZO(A)PYRENE	ug/kg	70 J	66.7	43.4	55.7	46.9	180 J	5.2 U	39.8
SW8270	BENZO(B)FLUORANTHENE	ug/kg	153 J	140	94.4	107	85.6	357 J	5.2 U	80.4
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	63.3 J	43.8	27.5	27.9	22.7	108 J	5.2 U	21.5
SW8270	BENZO(K)FLUORANTHENE	ug/kg	37.3 J	34.3 J	18.3 J	41.9	29.8	137 J	5.2 U	30.8
SW8270	CHRYSENE	ug/kg	61 J	66.7	54.1	59.6	55.1	225 J	5.2 U	43
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	14.1 J	14.3	8.84	10.2	8.76	36.8 J	5.2 U	7.32
SW8270	FLUORANTHENE	ug/kg	161 J	150	102	140	138	406 J	5.2 U	99.6
SW8270	FLUORENE	ug/kg	6.4 UJ	6.6 J	5.1 UJ	8.5	12.7	11.3 J	5.2 U	5.86
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	53 J	47.5	29.2	32.9	25.8	121 J	5.2 U	23.8
SW8270	PHENANTHRENE	ug/kg	69.1 J	53.2	33.1	58.4	65	131 J	5.2 U	35.1
SW8270	PHENOL	ug/kg	64 UJ	54 U	51 U	48 U	45 U	74 UJ	5.2 U	49 U
SW8270	PYRENE	ug/kg	144 J	136	89.5	129	156	351 J	5.2 U	90.5
SW9045	pH	S.U.	7.44 J	7.51	7.34	7.52	7.7	7.2 J	7.55	7.51

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-40235	OL-VC-40236	OL-VC-40236	OL-VC-40236	OL-VC-40236	OL-VC-40236	OL-VC-40237	OL-VC-40237	OL-VC-40237
		Sample Depth	3-4 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	0-1 Ft	1-2 Ft	2-3 Ft	
		Field Sample ID	OL-0873-09	OL-0875-18	OL-0875-19	OL-0875-20	OL-0875-21	OL-0875-14	OL-0875-15	OL-0875-16	
		Sample Date	8/7/2009	8/10/2009	8/10/2009	8/10/2009	8/10/2009	8/10/2009	8/10/2009	8/10/2009	
		Sample Delivery Group	JA25173	JA25247	JA25247	JA25247	JA25247	JA25247	JA25247	JA25247	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	15200	27600	29900	38000	31300	56800 J	56800 J	60500 J	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	57	63.5	62.4	56.1	53	44.1	44.5	47	
SW7471	MERCURY	mg/kg	3.3 J	0.084	0.018 U	0.02 U	0.02 U	0.025 UJ	0.025 UJ	0.058 J	
SW8082	AROCOLOR-1016	ug/kg	5.8 U	5.2 U	5.3 U	5.9 U	6.2 U	7.6 UJ	7.5 UJ	7.1 UJ	
SW8082	AROCOLOR-1221	ug/kg	5.8 U	5.2 U	5.3 U	5.9 U	6.2 U	7.6 UJ	7.5 UJ	7.1 UJ	
SW8082	AROCOLOR-1232	ug/kg	5.8 U	5.2 U	5.3 U	5.9 U	6.2 U	7.6 UJ	7.5 UJ	7.1 UJ	
SW8082	AROCOLOR-1242	ug/kg	5.8 U	5.2 U	5.3 U	5.9 U	6.2 U	7.6 UJ	7.5 UJ	7.1 UJ	
SW8082	AROCOLOR-1248	ug/kg	81.8	5.2 U	5.3 U	5.9 U	33.6	7.6 UJ	7.5 UJ	7.1 UJ	
SW8082	AROCOLOR-1254	ug/kg	30.1	5.2 U	5.3 U	5.9 U	6.2 U	7.6 UJ	7.5 UJ	7.1 UJ	
SW8082	AROCOLOR-1260	ug/kg	18.4	5.2 U	5.3 U	5.9 U	6.2 U	7.6 UJ	7.5 UJ	7.1 UJ	
SW8082	AROCOLOR-1268	ug/kg	5.8 U	5.2 U	5.3 U	5.9 U	6.2 U	7.6 UJ	7.5 UJ	7.1 UJ	
SW8082	PCBS, N.O.S.	ug/kg	130	5.2 U	5.3 U	5.9 U	33.6	7.6 UJ	7.5 UJ	7.1 UJ	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.6 U	8 U	7.7 U	8.3 U	9.4 U	9.8 UJ	11 UJ	10 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.6 U	8 U	7.7 U	8.3 U	9.4 U	9.8 UJ	11 UJ	10 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	0.49 J	8 U	7.7 U	8.3 U	9.4 U	9.8 UJ	11 UJ	10 UJ	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.6 U	8 U	7.7 U	8.3 U	9.4 U	9.8 UJ	11 UJ	10 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	5.9 J	8 U	7.7 U	8.3 U	9.4 U	9.8 UJ	11 UJ	10 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	2.1 J	8 U	7.7 U	8.3 U	9.4 U	9.8 UJ	11 UJ	10 UJ	
SW8260	BENZENE	ug/kg	1.7 U	1.6 U	1.5 U	1.7 U	1.9 U	2 UJ	2.1 UJ	2.1 UJ	
SW8260	CHLOROBENZENE	ug/kg	4.6 J	8 U	7.7 U	8.3 U	9.4 U	9.8 UJ	11 UJ	10 UJ	
SW8260	ETHYLBENZENE	ug/kg	1.7 U	1.6 U	1.5 U	1.7 U	1.9 U	2 UJ	2.1 UJ	2.1 UJ	
SW8260	NAPHTHALENE	ug/kg	8.6 U	8 U	7.7 U	8.3 U	9.4 U	9.8 UJ	11 UJ	10 UJ	
SW8260	O-XYLENE	ug/kg	1.7 U	1.6 U	1.5 U	1.7 U	1.9 U	2 UJ	2.1 UJ	2.1 UJ	
SW8260	TOLUENE	ug/kg	1.7 U	1.6 U	1.5 U	1.7 U	1.9 U	2 UJ	2.1 UJ	2.1 UJ	
SW8260	XYLENES, M & P	ug/kg	1.8 J	3.2 U	3.1 U	3.3 U	3.8 U	3.9 UJ	4.2 UJ	4.2 UJ	
SW8260	XYLENES, TOTAL	ug/kg	1.8 J	3.2 U	3.1 U	3.3 U	3.8 U	3.9 UJ	4.2 UJ	4.2 UJ	
SW8270	ACENAPHTHENE	ug/kg	8.41	4.5 U	4.5 U	5 U	5.55	6.4 UJ	6.4 UJ	6 UJ	
SW8270	ACENAPHTHYLENE	ug/kg	21.5	4.5 U	4.5 U	5 U	19	6.4 UJ	6.4 UJ	6 UJ	
SW8270	ANTHRACENE	ug/kg	35.1	4.5 U	4.5 U	5 U	35.6	6.4 UJ	6.4 UJ	6 UJ	
SW8270	BENZO(A)ANTHRACENE	ug/kg	104	4.5 U	4.5 U	5 U	108	6.4 UJ	6.4 UJ	6 UJ	
SW8270	BENZO(A)PYRENE	ug/kg	86.7 J	4.5 U	4.5 U	5 U	92.1	6.4 UJ	6.4 UJ	6 UJ	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	171	4.5 U	4.5 U	5 U	181	6.4 UJ	6.4 UJ	6 UJ	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	36.3	4.5 U	4.5 U	5 U	44.9	6.4 UJ	6.4 UJ	6 UJ	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	66.6 J	4.5 U	4.5 U	5 U	58.9	6.4 UJ	6.4 UJ	6 UJ	
SW8270	CHRYSENE	ug/kg	87.9 J	4.5 U	4.5 U	5 U	90.2	6.4 UJ	6.4 UJ	6 UJ	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	14.7	4.5 U	4.5 U	5 U	16.5	6.4 UJ	6.4 UJ	6 UJ	
SW8270	FLUORANTHENE	ug/kg	217	9.91	4.5 U	5 U	205	6.4 UJ	6.4 UJ	6 UJ	
SW8270	FLUORENE	ug/kg	11.9	4.5 U	4.5 U	5 U	7.69	6.4 UJ	6.4 UJ	6 UJ	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	45.9	4.5 U	4.5 U	5 U	51.1	6.4 UJ	6.4 UJ	6 UJ	
SW8270	PHENANTHRENE	ug/kg	85.9	4.5 U	4.5 U	5 U	70.9	6.4 UJ	6.4 UJ	6 UJ	
SW8270	PHENOL	ug/kg	49 U	45 U	45 U	50 U	54 U	64 UJ	64 UJ	60 UJ	
SW8270	PYRENE	ug/kg	202	8.23	4.5 U	5 U	181	6.4 UJ	6.4 UJ	6 UJ	
SW9045	pH	S.U.	7.44	7.4	7.43	7.41	7.22	7.51 J	7.25 J	7.13 J	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-40237	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	3-4 Ft	0-1 Ft	1-2 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	
		Field Sample ID	OL-0875-17	OL-0872-03	OL-0872-04	OL-0872-05	OL-0872-06	OL-0872-07	OL-0872-08	OL-0872-09	
		Sample Date	8/10/2009	8/6/2009	8/6/2009	8/6/2009	8/6/2009	8/6/2009	8/6/2009	8/6/2009	
		Sample Delivery Group	JA25247	JA25060	JA25060	JA25060	JA25060	JA25060	JA25060	JA25060	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	69000 J	11100	12500	12800	10200 J	11600 J	43100 J	9780 J	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	45.2	53.6	52.7	54	49.5	49.2	49.7	48.9	
SW7471	MERCURY	mg/kg	0.025 UJ	75.2	70.7	69.1	33.4 J	20 J	2.5 J	0.22 J	
SW8082	AROCOLOR-1016	ug/kg	7.4 UJ	6.1 U	6.2 U	6.1 U	6.7 UJ	6.6 UJ	5.9 UJ	6.7 UJ	
SW8082	AROCOLOR-1221	ug/kg	7.4 UJ	6.1 U	6.2 U	6.1 U	6.7 UJ	6.6 UJ	5.9 UJ	6.7 UJ	
SW8082	AROCOLOR-1232	ug/kg	7.4 UJ	6.1 U	6.2 U	6.1 U	6.7 UJ	6.6 UJ	5.9 UJ	6.7 UJ	
SW8082	AROCOLOR-1242	ug/kg	7.4 UJ	6.1 U	6.2 U	6.1 U	6.7 UJ	6.6 UJ	5.9 UJ	6.7 UJ	
SW8082	AROCOLOR-1248	ug/kg	7.4 UJ	50.3	72.6	60.4	47.1 J	14.7 J	5.9 UJ	6.7 UJ	
SW8082	AROCOLOR-1254	ug/kg	7.4 UJ	22.9	30.9	25.3	18.5 J	13.9 J	7.2 J	6.7 UJ	
SW8082	AROCOLOR-1260	ug/kg	7.4 UJ	6.1 U	6.2 U	6.1 U	6.7 UJ	6.6 UJ	5.9 UJ	6.7 UJ	
SW8082	AROCOLOR-1268	ug/kg	7.4 UJ	14.5	112 J	55.2 J	6.7 UJ	6.6 UJ	5.9 UJ	6.7 UJ	
SW8082	PCBS, N.O.S.	ug/kg	7.4 UJ	87.7	216	141	65.6 J	28.6 J	7.2 J	6.7 UJ	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	11 UJ	9.3 U	11 U	9.9 U	11 UJ	11 UJ	11 UJ	10 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	11 UJ	9.3 U	11 U	9.9 U	11 UJ	11 UJ	11 UJ	10 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	11 UJ	1.2 J	1.2 J	1.1 J	1 J	11 UJ	11 UJ	10 UJ	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	11 UJ	3 J	2.6 J	2.6 J	2.4 J	11 UJ	11 UJ	10 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	11 UJ	20.5	26.7	21.3	12.3 J	11 UJ	11 UJ	10 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	11 UJ	2.9 J	3.6 J	3.2 J	2.7 J	11 UJ	11 UJ	10 UJ	
SW8260	BENZENE	ug/kg	2.2 UJ	1.9	2.7 J	1.1 J	1.8 J	2.1 UJ	2.2 UJ	1.3 J	
SW8260	CHLOROBENZENE	ug/kg	11 UJ	3.4 J	10.2 J	8.2 J	4.4 J	1 J	11 UJ	10 UJ	
SW8260	ETHYLBENZENE	ug/kg	2.2 UJ	3	5.3	4.5	4.5 J	0.8 J	2.2 UJ	2.1 UJ	
SW8260	NAPHTHALENE	ug/kg	11 UJ	9.3 U	1.7 J	9.9 U	11 UJ	11 UJ	11 UJ	10 UJ	
SW8260	O-XYLENE	ug/kg	2.2 UJ	3.8	3.1	2.9	3.4 J	1.9 J	2.2 UJ	2.1 UJ	
SW8260	TOLUENE	ug/kg	2.2 UJ	1.4 J	0.74 J	2 U	2.2 UJ	2.1 UJ	2.2 UJ	2.1 UJ	
SW8260	XYLENES, M & P	ug/kg	4.4 UJ	13.4	1.7 J	1.7 J	1.8 J	4.2 UJ	4.4 UJ	4.2 UJ	
SW8260	XYLENES, TOTAL	ug/kg	4.4 UJ	17.2	4.8	4.6	5.2 J	1.9 J	4.4 UJ	4.2 UJ	
SW8270	ACENAPHTHENE	ug/kg	6.3 UJ	5.3 U	15.5 J	7.35 J	10.2 J	5.8 UJ	5.7 UJ	5.8 UJ	
SW8270	ACENAPHTHYLENE	ug/kg	6.3 UJ	7	17.8	11.1	15.3 J	11 J	5.7 UJ	5.8 UJ	
SW8270	ANTHRACENE	ug/kg	6.3 UJ	28	68	43.3	109 J	22.7 J	5.7 UJ	5.8 UJ	
SW8270	BENZO(A)ANTHRACENE	ug/kg	6.3 UJ	61	91.4	59.8	57.2 J	40.6 J	27.1 J	5.8 UJ	
SW8270	BENZO(A)PYRENE	ug/kg	6.3 UJ	37.9	65.3 J	35.4 J	34.3 J	22.2 J	15.6 J	5.8 UJ	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	6.3 UJ	81.5	125 J	65.8 J	60.4 J	40.4 J	25.6 J	5.8 UJ	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	6.3 UJ	36.5	57.4 J	29.1 J	28.9 J	20.3 J	10.3 J	5.8 UJ	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	6.3 UJ	30.1	40.1	27.5	25.1 J	18.4 J	11 J	5.8 UJ	
SW8270	CHRYSENE	ug/kg	6.3 UJ	49.9	78.5 J	45.3 J	50.5 J	30.1 J	15.7 J	5.8 UJ	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	6.3 UJ	11.8	12.6	8.28	5.8 UJ	5.8 UJ	5.7 UJ	5.8 UJ	
SW8270	FLUORANTHENE	ug/kg	6.3 UJ	129	229 J	134 J	144 J	76.6 J	42.8 J	5.8 UJ	
SW8270	FLUORENE	ug/kg	6.3 UJ	21.1	34.6	26.9	14.2 J	9.24 J	5.7 UJ	5.8 UJ	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	6.3 UJ	30.9	46.8 J	23.1 J	22.2 J	15.3 J	8.29 J	5.8 UJ	
SW8270	PHENANTHRENE	ug/kg	6.3 UJ	74.6	226 J	133 J	140 J	59.5 J	35.2 J	5.8 UJ	
SW8270	PHENOL	ug/kg	63 UJ	53 U	54 U	53 U	58 UJ	58 UJ	57 UJ	58 UJ	
SW8270	PYRENE	ug/kg	6.3 UJ	186	216	141	136 J	80.2 J	41 J	5.8 UJ	
SW9045	pH	S.U.	7.07 J	8.18	8.1	8.18	8.12 J	8.06 J	7.58 J	8.23 J	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-40251	OL-VC-40251	OL-VC-40252	OL-VC-40252	OL-VC-40252	OL-VC-40252	OL-VC-40252	OL-VC-40252	OL-VC-40252
		Sample Depth	6-7 Ft	7-8 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	
		Field Sample ID	OL-0872-10	OL-0872-11	OL-0872-12	OL-0872-13	OL-0872-14	OL-0872-15	OL-0872-16	OL-0872-17	
		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	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	9680 J	8240	23200	9440	6970	6150	6640	17700	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	49.7	54.6	52.9	57.9	55.6	54.9	55.2	59.3	
SW7471	MERCURY	mg/kg	0.036 J	0.019 U	11	0.16	0.027 J	0.02 U	0.021 U	0.02 U	
SW8082	AROCOLOR-1016	ug/kg	6.6 UJ	6.1 U	6.2 U	5.6 U	5.9 U	6 U	6 U	5.6 U	
SW8082	AROCOLOR-1221	ug/kg	6.6 UJ	6.1 U	6.2 U	5.6 U	5.9 U	6 U	6 U	5.6 U	
SW8082	AROCOLOR-1232	ug/kg	6.6 UJ	6.1 U	6.2 U	5.6 U	5.9 U	6 U	6 U	5.6 U	
SW8082	AROCOLOR-1242	ug/kg	6.6 UJ	6.1 U	6.2 U	5.6 U	5.9 U	6 U	6 U	5.6 U	
SW8082	AROCOLOR-1248	ug/kg	6.6 UJ	6.1 U	33.6	5.6 U	5.9 U	6 U	6 U	5.6 U	
SW8082	AROCOLOR-1254	ug/kg	6.6 UJ	6.1 U	14.2	5.6 U	5.9 U	6 U	6 U	5.6 U	
SW8082	AROCOLOR-1260	ug/kg	6.6 UJ	6.1 U	6.2 U	5.6 U	5.9 U	6 U	6 U	5.6 U	
SW8082	AROCOLOR-1268	ug/kg	6.6 UJ	6.1 U	6.2 U	5.6 U	5.9 U	6 U	6 U	5.6 U	
SW8082	PCBS, N.O.S.	ug/kg	6.6 UJ	6.1 U	47.8	5.6 U	5.9 U	6 U	6 U	5.6 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9.7 UJ	9.5 U	9.8 U	9 U	8.2 U	9.5 U	9.6 U	7.8 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9.7 UJ	9.5 U	1.6 J	9 U	8.2 U	9.5 U	9.6 U	7.8 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	9.7 UJ	9.5 U	3.1 J	9 U	8.2 U	9.5 U	9.6 U	7.8 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9.7 UJ	9.5 U	24.9	9 U	8.2 U	9.5 UJ	9.6 U	7.8 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	9.7 UJ	9.5 U	2.4 J	9 U	8.2 U	9.5 U	9.6 U	7.8 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	9.7 UJ	9.5 U	6.5 J	9 U	8.2 U	9.5 U	9.6 U	7.8 U	
SW8260	BENZENE	ug/kg	1.9 UJ	1.9 U	37.9	1.8 U	91.6	116	182	133	
SW8260	CHLOROBENZENE	ug/kg	9.7 UJ	9.5 U	1.8 J	9 U	8.2 U	9.5 U	9.6 U	7.8 U	
SW8260	ETHYLBENZENE	ug/kg	1.9 UJ	1.9 U	2 U	1.8 U	1.6 U	1.9 U	1.9 U	1.6 U	
SW8260	NAPHTHALENE	ug/kg	9.7 UJ	9.5 U	9.8 U	9 U	8.2 U	9.5 U	9.6 U	7.8 U	
SW8260	O-XYLENE	ug/kg	1.9 UJ	1.9 U	2 U	1.8 U	1.6 U	1.9 U	1.9 U	1.6 U	
SW8260	TOLUENE	ug/kg	1.9 UJ	1.9 U	2 U	1.8 U	1.6 U	1.9 U	1.9 U	1.6 U	
SW8260	XYLENES, M & P	ug/kg	3.9 UJ	3.8 U	3.9 U	3.6 U	3.3 U	3.8 U	3.9 U	3.1 U	
SW8260	XYLENES, TOTAL	ug/kg	3.9 UJ	3.8 U	3.9 U	3.6 U	3.3 U	3.8 U	3.9 U	3.1 U	
SW8270	ACENAPHTHENE	ug/kg	5.7 UJ	5.2 U	5.4 U	4.9 U	5.1 U	5.2 U	5.2 U	4.8 U	
SW8270	ACENAPHTHYLENE	ug/kg	5.7 UJ	5.2 U	5.4 U	4.9 U	5.1 U	5.2 U	5.2 U	4.8 U	
SW8270	ANTHRACENE	ug/kg	5.7 UJ	5.2 U	5.4 U	4.9 U	5.1 U	5.2 U	5.2 U	4.8 U	
SW8270	BENZO(A)ANTHRACENE	ug/kg	5.7 UJ	5.2 U	31.4	4.9 U	5.1 U	5.2 U	5.2 U	4.8 U	
SW8270	BENZO(A)PYRENE	ug/kg	5.7 UJ	5.2 U	19.8	4.9 U	5.1 U	5.2 U	5.2 U	4.8 U	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5.7 UJ	5.2 U	34.6	4.9 U	5.1 U	5.2 U	5.2 U	4.8 U	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5.7 UJ	5.2 U	15.1	4.9 U	5.1 U	5.2 U	5.2 U	4.8 U	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.7 UJ	5.2 U	12.3	4.9 U	5.1 U	5.2 U	5.2 U	4.8 U	
SW8270	CHRYSENE	ug/kg	5.7 UJ	5.2 U	16.2	4.9 U	5.1 U	5.2 U	5.2 U	4.8 U	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.7 UJ	5.2 U	5.4 U	4.9 U	5.1 U	5.2 U	5.2 U	4.8 U	
SW8270	FLUORANTHENE	ug/kg	5.7 UJ	5.2 U	35.1	4.9 U	5.1 U	5.2 U	5.2 U	4.8 U	
SW8270	FLUORENE	ug/kg	5.7 UJ	5.2 U	5.4 U	4.9 U	5.1 U	5.2 U	5.2 U	4.8 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5.7 UJ	5.2 U	13.1	4.9 U	5.1 U	5.2 U	5.2 U	4.8 U	
SW8270	PHENANTHRENE	ug/kg	5.7 UJ	5.2 U	27	4.9 U	5.1 U	5.2 U	5.2 U	4.8 U	
SW8270	PHENOL	ug/kg	57 UJ	52 U	861	612	840	859	852	713	
SW8270	PYRENE	ug/kg	5.7 UJ	5.2 U	34.6	4.9 U	5.1 U	5.2 U	5.2 U	4.8 U	
SW9045	pH	S.U.	7.1 J	7.28	7.27	6.96	6.85	6.83	6.95	6.84	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-40252	OL-VC-40253	OL-VC-40253	OL-VC-40253	OL-VC-40253	OL-VC-40253	OL-VC-40253	OL-VC-40253
		Sample Depth	6-7.1 Ft	0-1 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft
		Field Sample ID	OL-0872-18	OL-0887-01	OL-0887-02	OL-0887-03	OL-0887-04	OL-0887-05	OL-0887-06	OL-0887-07
		Sample Date	8/6/2009	8/14/2009	8/14/2009	8/14/2009	8/14/2009	8/14/2009	8/14/2009	8/14/2009
		Sample Delivery Group	JA25060	JA25757	JA25757	JA25757	JA25757	JA25757	JA25757	JA25757
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	6850	12600	12900	8610	7670	8280	13200	7470
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	62.1	57.7	56.1	60.2	56.8	57.3	56.3	56
SW7471	MERCURY	mg/kg	0.019 U	5.7 J	3.3 J	0.048 J	0.02 U	0.019 U	0.021 U	0.02 U
SW8082	AROCOLOR-1016	ug/kg	5.4 U	5.7 U	5.9 U	5.5 U	5.9 U	5.8 U	5.8 U	5.8 U
SW8082	AROCOLOR-1221	ug/kg	5.4 U	5.7 U	5.9 U	5.5 U	5.9 U	5.8 U	5.8 U	5.8 U
SW8082	AROCOLOR-1232	ug/kg	5.4 U	5.7 U	5.9 U	5.5 U	5.9 U	5.8 U	5.8 U	5.8 U
SW8082	AROCOLOR-1242	ug/kg	5.4 U	5.7 U	5.9 U	5.5 U	5.9 U	5.8 U	5.8 U	5.8 U
SW8082	AROCOLOR-1248	ug/kg	5.4 U	5.7 U	9.7 J	5.5 U	5.9 U	5.8 U	5.8 U	5.8 U
SW8082	AROCOLOR-1254	ug/kg	5.4 U	5.7 U	5.9 U	5.5 U	5.9 U	5.8 U	5.8 U	5.8 U
SW8082	AROCOLOR-1260	ug/kg	5.4 U	5.7 U	5.9 U	5.5 U	5.9 U	5.8 U	5.8 U	5.8 U
SW8082	AROCOLOR-1268	ug/kg	5.4 U	15.6 J	10.3	5.5 U	5.9 U	5.8 U	5.8 U	5.8 U
SW8082	PCBS, N.O.S.	ug/kg	5.4 U	15.6 J	20	5.5 U	5.9 U	5.8 U	5.8 U	5.8 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	7.5 U	8.3 U	8.7 U	8.1 U	9.2 U	8.9 U	9.4 U	9.1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	7.5 U	8.3 U	8.7 U	8.1 U	9.2 U	8.9 U	9.4 U	9.1 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	7.5 U	8.3 U	8.7 U	8.1 U	9.2 U	8.9 U	9.4 U	9.1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	7.5 U	8.3 U	8.7 U	8.1 U	9.2 U	8.9 U	9.4 U	9.1 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	7.5 U	8.3 U	8.7 U	8.1 U	9.2 U	8.9 U	9.4 U	9.1 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	7.5 U	8.3 U	8.7 U	8.1 U	9.2 U	8.9 U	9.4 U	9.1 U
SW8260	BENZENE	ug/kg	55.3	6.2	9.1	23.6	49.3 J	40.1	25.6	16.9
SW8260	CHLOROBENZENE	ug/kg	7.5 U	8.3 U	8.7 U	8.1 U	9.2 U	8.9 U	9.4 U	9.1 U
SW8260	ETHYLBENZENE	ug/kg	1.5 U	1.7 U	1.7 U	1.6 U	1.8 U	1.8 U	1.9 U	1.8 U
SW8260	NAPHTHALENE	ug/kg	7.5 U	8.3 U	8.7 U	8.1 U	9.2 U	8.9 U	9.4 U	9.1 U
SW8260	O-XYLENE	ug/kg	1.5 U	1.7 U	1.7 U	1.6 U	1.8 U	1.8 U	1.9 U	1.8 U
SW8260	TOLUENE	ug/kg	1.5 U	1.7 U	1.7 U	1.6 U	1.8 U	1.8 U	1.9 U	1.8 U
SW8260	XYLENES, M & P	ug/kg	3 U	3.3 U	3.5 U	3.3 U	3.7 U	3.6 U	3.8 U	3.6 U
SW8260	XYLENES, TOTAL	ug/kg	3 U	3.3 U	3.5 U	3.3 U	3.7 U	3.6 U	3.8 U	3.6 U
SW8270	ACENAPHTHENE	ug/kg	4.6 U	5 U	5.1 U	4.7 U	5 U	5 U	5.1 U	5.1 U
SW8270	ACENAPHTHYLENE	ug/kg	4.6 U	5 U	5.1 U	4.7 U	5 U	5 U	5.1 U	5.1 U
SW8270	ANTHRACENE	ug/kg	4.6 U	5.56	7.24	4.7 U	5 U	5 U	5.1 U	5.1 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.6 U	28.6	34.6	4.7 U	5 U	5 U	5.1 U	5.1 U
SW8270	BENZO(A)PYRENE	ug/kg	4.6 U	25.6	31.5	4.7 U	5 U	5 U	5.1 U	5.1 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.6 U	41.7	46.1	4.7 U	5 U	5 U	5.1 U	5.1 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.6 U	19.3	22.5	4.7 U	5 U	5 U	5.1 U	5.1 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.6 U	16.9	20	4.7 U	5 U	5 U	5.1 U	5.1 U
SW8270	CHRYSENE	ug/kg	4.6 U	27.2	32.8	4.7 U	5 U	5 U	5.1 U	5.1 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.6 U	9.11	10.9	4.7 U	5 U	5 U	5.1 U	5.1 U
SW8270	FLUORANTHENE	ug/kg	4.6 U	53.8	65.5	4.7 U	5 U	5 U	5.1 U	5.1 U
SW8270	FLUORENE	ug/kg	4.6 U	5 U	5.1 U	4.7 U	5 U	5 U	5.1 U	5.1 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.6 U	18.3	21.4	4.7 U	5 U	5 U	5.1 U	5.1 U
SW8270	PHENANTHRENE	ug/kg	4.6 U	18.4	23	4.7 U	5 U	5 U	5.1 U	5.1 U
SW8270	PHENOL	ug/kg	591	50 U	51 U	47 U	50 U	50 U	51 U	51 U
SW8270	PYRENE	ug/kg	4.6 U	49.9	59.1	4.7 U	5 U	5 U	5.1 U	5.1 U
SW9045	pH	S.U.	6.85	7.17	7.1	6.94	6.88	6.83	6.93	6.93

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-40253	OL-VC-40253	OL-VC-50066	OL-VC-50066	OL-VC-50066	OL-VC-50066	OL-VC-50066	OL-VC-50067	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	1-2 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	OL-0855-01	
		Sample Date	8/14/2009	8/14/2009	7/30/2009	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	JA24409	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical 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	18400 J	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	57.6	55.6		46	46.4	42.5		45.4	
SW7471	MERCURY	mg/kg	0.026 J	0.019 U	2.1	120 J	166 J	72.1 J	1.7	49.3 J	
SW8082	AROCOLOR-1016	ug/kg	5.7 U	5.9 U	5.3 U	7.1 UJ	7.1 UJ	7.7 UJ	6.5 U	7.3 UJ	
SW8082	AROCOLOR-1221	ug/kg	5.7 U	5.9 U	5.3 U	7.1 UJ	7.1 UJ	7.7 UJ	6.5 U	7.3 UJ	
SW8082	AROCOLOR-1232	ug/kg	5.7 U	5.9 U	5.3 U	7.1 UJ	7.1 UJ	7.7 UJ	6.5 U	7.3 UJ	
SW8082	AROCOLOR-1242	ug/kg	5.7 U	5.9 U	5.3 U	7.1 UJ	7.1 UJ	7.7 UJ	6.5 U	7.3 UJ	
SW8082	AROCOLOR-1248	ug/kg	5.7 U	5.9 U	42.3	127 J	137 J	341 J	30	227 J	
SW8082	AROCOLOR-1254	ug/kg	5.7 U	5.9 U	16.7	50.8 J	63.3 J	138 J	11.9	84.3 J	
SW8082	AROCOLOR-1260	ug/kg	5.7 U	5.9 U	5.3 U	7.1 UJ	7.1 UJ	7.7 UJ	6.5 U	44.1 J	
SW8082	AROCOLOR-1268	ug/kg	5.7 U	5.9 U	5.3 U	16.4 J	35.6 J	36.3 J	6.5 U	7.3 UJ	
SW8082	PCBS, N.O.S.	ug/kg	5.7 U	5.9 U	60	194 J	236 J	515 J	42	355 J	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.9 U	9.2 U	7.9 U	10 UJ	10 UJ	11 UJ	9 U	11 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.9 U	9.2 U	7.9 U	10 UJ	10 UJ	11 UJ	9 U	11 UJ	
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	11 UJ	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.9 U	9.2 U	7.9 U	10 UJ	10 UJ	11 UJ	9 U	11 UJ	
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	5.7 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	4.2 J	
SW8260	BENZENE	ug/kg	11.1	11.3	1.6 U	1.1 J	2.3 J	2.5 J	1.8 U	0.84 J	
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	3.9 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	2.2 UJ	
SW8260	NAPHTHALENE	ug/kg	8.9 U	9.2 U	7.9 U	10 UJ	10 UJ	11 UJ	9 U	11 UJ	
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	8.2 J	
SW8260	TOLUENE	ug/kg	1.8 U	1.8 U	1.6 U	2.1 UJ	2 UJ	2.1 UJ	1.8 U	2.2 UJ	
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	1.6 J	
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	9.8 J	
SW8270	ACENAPHTHENE	ug/kg	5 U	5.1 U	4.6 U	6.2 UJ	6.1 UJ	13.2 J	5.5 U	6.3 UJ	
SW8270	ACENAPHTHYLENE	ug/kg	5 U	5.1 U	4.6 U	6.2 UJ	6.1 UJ	23.1 J	5.5 U	6.3 UJ	
SW8270	ANTHRACENE	ug/kg	5 U	5.1 U	4.6 U	6.2 UJ	6.1 UJ	51.2 J	5.5 U	12.5 J	
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	30.4 J	
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	18.6 J	
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	36.2 J	
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	13.3 J	
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	12.6 J	
SW8270	CHRYSENE	ug/kg	5 U	5.1 U	4.6 U	4.75 J	6.75 J	54.2 J	6.33	23.3 J	
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	6.3 UJ	
SW8270	FLUORANTHENE	ug/kg	5 U	5.1 U	6.18	15.8 J	19.6 J	140 J	14.1	65.1 J	
SW8270	FLUORENE	ug/kg	5 U	5.1 U	4.6 U	6.2 UJ	6.1 UJ	54.7 J	5.5 U	8.48 J	
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	13.2 J	
SW8270	PHENANTHRENE	ug/kg	5 U	5.1 U	4.6 U	11.3 J	13.1 J	138 J	7.03 J	33.2 J	
SW8270	PHENOL	ug/kg	50 U	51 U	46 U	62 UJ	61 UJ	67 UJ	55 U	63 UJ	
SW8270	PYRENE	ug/kg	5 U	5.1 U	6.26	13.5 J	16.9 J	155 J	17.6	66.3 J	
SW9045	pH	S.U.	7.11	6.96	7.65	7.68 J	7.5 J	7.47 J	7.33	7.38 J	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-50067	OL-VC-50067	OL-VC-50068-A	OL-VC-50068-A	OL-VC-50068	OL-VC-50068	OL-VC-50068	OL-VC-50068
		Sample Depth	2-3 Ft	3-4 Ft	0.00-0.50 Ft	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
		Field Sample ID	OL-0855-02	OL-0855-03	OL-1026-02	OL-1026-03	OL-0840-13	OL-0840-14	OL-0840-15	OL-0840-16
		Sample Date	7/30/2009	7/30/2009	9/23/2009	9/23/2009	7/23/2009	7/23/2009	7/23/2009	7/23/2009
		Sample Delivery Group	JA24409	JA24409	OLS06	OLS06	JA23890	JA23890	JA23890	JA23890
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%		50.1						
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	30600 J	23500			32200 J	36600 J	33000 J	23300 J
SM2540G	PERCENT MOISTURE	%			61	59.7				
SM2540G	SOLIDS, PERCENT	%	43				36.2	41.9	47	48.3
SW7471	MERCURY	mg/kg	21.2 J	1.1	1.59 J	48.5 J	26.8 J	3.1 J	0.15 J	0.036 J
SW8082	AROCOLOR-1016	ug/kg	7.8 UJ	6.7 U			9.1 UJ	7.9 UJ	7 UJ	6.9 UJ
SW8082	AROCOLOR-1221	ug/kg	7.8 UJ	6.7 U			9.1 UJ	7.9 UJ	7 UJ	6.9 UJ
SW8082	AROCOLOR-1232	ug/kg	7.8 UJ	6.7 U			9.1 UJ	7.9 UJ	7 UJ	6.9 UJ
SW8082	AROCOLOR-1242	ug/kg	7.8 UJ	6.7 U			9.1 UJ	7.9 UJ	7 UJ	6.9 UJ
SW8082	AROCOLOR-1248	ug/kg	47.3 J	6.7 U			61 J	23.6 J	7 UJ	6.9 UJ
SW8082	AROCOLOR-1254	ug/kg	39.6 J	6.7 U			29.7 J	19.2 J	7 UJ	6.9 UJ
SW8082	AROCOLOR-1260	ug/kg	16.1 J	6.7 U			12.9 J	9 J	7 UJ	6.9 UJ
SW8082	AROCOLOR-1268	ug/kg	7.8 UJ	6.7 U			9.1 UJ	7.9 UJ	7 UJ	6.9 UJ
SW8082	PCBS, N.O.S.	ug/kg	103 J	6.7 U			104 J	51.8 J	7 UJ	6.9 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	11 UJ	9.2 U			15 UJ	12 UJ	10 UJ	9.8 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	11 UJ	9.2 U			15 UJ	12 UJ	10 UJ	9.8 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	11 UJ	9.2 U			15 UJ	12 UJ	10 UJ	9.8 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	11 UJ	9.2 U			15 UJ	12 UJ	10 UJ	9.8 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	1.5 J	9.2 U			4.7 J	12 UJ	10 UJ	9.8 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	1.3 J	9.2 U			7.4 J	12 UJ	10 UJ	9.8 UJ
SW8260	BENZENE	ug/kg	0.98 J	1.8 U			3 UJ	2.4 UJ	2 UJ	2 UJ
SW8260	CHLOROBENZENE	ug/kg	1.1 J	9.2 U			4.1 J	12 UJ	10 UJ	9.8 UJ
SW8260	ETHYLBENZENE	ug/kg	2.2 UJ	1.8 U			3 UJ	2.4 UJ	2 UJ	2 UJ
SW8260	NAPHTHALENE	ug/kg	11 UJ	9.2 U			15 UJ	12 UJ	10 UJ	9.8 UJ
SW8260	O-XYLENE	ug/kg	2.2 UJ	1.8 U			3 UJ	2.4 UJ	2 UJ	2 UJ
SW8260	TOLUENE	ug/kg	2.2 UJ	1.8 U			3 UJ	2.4 UJ	2 UJ	2 UJ
SW8260	XYLENES, M & P	ug/kg	4.4 UJ	3.7 U			6 UJ	4.9 UJ	4 UJ	3.9 UJ
SW8260	XYLENES, TOTAL	ug/kg	4.4 UJ	3.7 U			6 UJ	4.9 UJ	4 UJ	3.9 UJ
SW8270	ACENAPHTHENE	ug/kg	6.6 UJ	5.7 U			16 UJ	22.1 J	12 UJ	12 UJ
SW8270	ACENAPHTHYLENE	ug/kg	9.31 J	14.3			29.6 J	106 J	12.6 J	12 UJ
SW8270	ANTHRACENE	ug/kg	18.7 J	14.5			57 J	91.5 J	14.1 J	12 UJ
SW8270	BENZO(A)ANTHRACENE	ug/kg	26.4 J	35.4			146 J	205 J	45.2 J	12 UJ
SW8270	BENZO(A)PYRENE	ug/kg	17.6 J	22.4			120 J	236 J	41.2 J	12 UJ
SW8270	BENZO(B)FLUORANTHENE	ug/kg	32.4 J	40.8			272 J	214 J	83.8 J	12 UJ
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	12.3 J	14.7			95.2 J	183 J	29.7 J	12 UJ
SW8270	BENZO(K)FLUORANTHENE	ug/kg	14 J	12.2			68.2 J	258 J	18.7 J	12 UJ
SW8270	CHRYSENE	ug/kg	31.3 J	27.3			101 J	292 J	41.7 J	12 UJ
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	6.6 UJ	5.7 U			26.6 J	58.3 J	19.4 J	12 UJ
SW8270	FLUORANTHENE	ug/kg	67.6 J	76.6			223 J	326 J	71.6 J	12 UJ
SW8270	FLUORENE	ug/kg	13.4 J	5.7 U			68.3 J	40.8 J	12 UJ	12 UJ
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	12 J	15			105 J	163 J	35.3 J	12 UJ
SW8270	PHENANTHRENE	ug/kg	52.5 J	32.7			105 J	119 J	16.1 J	12 UJ
SW8270	PHENOL	ug/kg	66 UJ	57 U			79 UJ	68 UJ	61 UJ	59 UJ
SW8270	PYRENE	ug/kg	77 J	88.8			267 J	572 J	96.8 J	12 UJ
SW9045	pH	S.U.	7.29 J	7.1			7.53 J	7.44 J	7.38 J	7.59 J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-50069-A	OL-VC-50069-A	OL-VC-50069	OL-VC-50069	OL-VC-50069	OL-VC-50069	OL-VC-50069	OL-VC-50070-A	OL-VC-50070-A
		Sample Depth	0.00-0.50 Ft	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-1028-02	OL-1028-03	OL-0843-01	OL-0843-02	OL-0843-03	OL-0843-04	OL-1028-04	OL-1028-05	
		Sample Date	9/24/2009	9/24/2009	7/24/2009	7/24/2009	7/24/2009	7/24/2009	9/24/2009	9/24/2009	
		Sample Delivery Group	OLS08	OLS08	JA24031	JA24031	JA24031	JA24031	OLS08	OLS08	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	49400 J	21400 J	26000 J	34600 J	42900 J	16900	43700 J	49700 J	
SM2540G	PERCENT MOISTURE	%	58.6	53.1					62.7	62.4	
SM2540G	SOLIDS, PERCENT	%			48.2	46.6	46.6	54.7			
SW7471	MERCURY	mg/kg	6.1 J	2.53 J	4 J	1.7 J	1.5 J	0.25	1.59 J	1.65 J	
SW8082	AROCOR-1016	ug/kg	410 UJ	91 UJ	6.9 UJ	7.1 UJ	7.1 UJ	6 U	110 UJ	230 UJ	
SW8082	AROCOR-1221	ug/kg	410 UJ	91 UJ	6.9 UJ	7.1 UJ	7.1 UJ	6 U	110 UJ	230 UJ	
SW8082	AROCOR-1232	ug/kg	410 UJ	91 UJ	6.9 UJ	7.1 UJ	7.1 UJ	6 U	110 UJ	230 UJ	
SW8082	AROCOR-1242	ug/kg	410 UJ	91 UJ	6.9 UJ	7.1 UJ	7.1 UJ	6 U	110 UJ	230 UJ	
SW8082	AROCOR-1248	ug/kg	3600 J	730 J	122 J	7.1 UJ	7.1 UJ	6 U	470 J	1700 J	
SW8082	AROCOR-1254	ug/kg	1500 J	320 J	49 J	7.1 UJ	7.1 UJ	6 U	230 J	720 J	
SW8082	AROCOR-1260	ug/kg	470 J	94 J	14.8 J	7.1 UJ	7.1 UJ	6 U	93 J	300 J	
SW8082	AROCOR-1268	ug/kg	410 UJ	91 UJ	6.9 UJ	7.1 UJ	7.1 UJ	6 U	110 UJ	230 UJ	
SW8082	PCBS, N.O.S.	ug/kg	5600 J	1100 J	186 J	7.1 UJ	7.1 UJ	6 U	790 J	2700 J	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	12 UJ	10 UJ	11 UJ	12 UJ	12 UJ	9.5 U	15 UJ	14 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	12 UJ	10 UJ	3.5 J	12 UJ	12 UJ	9.5 U	15 UJ	14 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	28 J	10 UJ	5.4 J	0.74 J	12 UJ	9.5 U	7 J	6 J	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	18 J	10 UJ	11 UJ	12 UJ	12 UJ	9.5 U	15 UJ	14 J	
SW8260	1,3-DICHLOROBENZENE	ug/kg	39 J	3 J	6.5 J	12 UJ	12 UJ	9.5 U	7 J	55 J	
SW8260	1,4-DICHLOROBENZENE	ug/kg	94 J	6 J	19.4 J	1.1 J	12 UJ	9.5 U	27 J	140 J	
SW8260	BENZENE	ug/kg	12 UJ	10 UJ	0.82 J	1.2 J	1.3 J	1.9 U	15 UJ	4 J	
SW8260	CHLOROBENZENE	ug/kg	34 J	4 J	17.3 J	12 UJ	12 UJ	9.5 U	44 J	190 J	
SW8260	ETHYLBENZENE	ug/kg	12 UJ	10 UJ	2.2 UJ	7.9 J	5.7 J	1.9 U	15 UJ	14 UJ	
SW8260	NAPHTHALENE	ug/kg	12 UJ	10 UJ	2.4 J	135 J	78.4 J	4.6 J	15 UJ	3 J	
SW8260	O-XYLENE	ug/kg	5 J	2 J	2.5 J	5.9 J	3.3 J	1.9 U	4 J	18 J	
SW8260	TOLUENE	ug/kg	12 UJ	10 UJ	2.2 UJ	1.3 J	1.7 J	1.9 U	15 UJ	4 J	
SW8260	XYLENES, M & P	ug/kg	5 J	10 UJ	2.2 J	6.9 J	4.3 J	3.8 U	4 J	23 J	
SW8260	XYLENES, TOTAL	ug/kg	9 J	2 J	4.7 J	12.8 J	7.6 J	3.8 U	8 J	41 J	
SW8270	ACENAPHTHENE	ug/kg	250 J	270 J	163 J	1660 J	407 J	122	68 J	110 J	
SW8270	ACENAPHTHYLENE	ug/kg	140 J	69 J	324 J	1830 J	485 J	136	87 J	110 J	
SW8270	ANTHRACENE	ug/kg	560 J	510 J	318 J	2910 J	977 J	331	150 J	200 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	1600 J	1300 J	667 J	3670 J	1420 J	592	700 J	910 J	
SW8270	BENZO(A)PYRENE	ug/kg	1300 J	1200 J	660 J	3100 J	1380 J	549	830 J	990 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	1900 J	1400 J	597 J	2270 J	877 J	356	1200 J	1500 J	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	770 J	680 J	378 J	1440 J	735 J	281	600 J	630 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	540 J	530 J	437 J	1240 J	560 J	286	320 J	540 J	
SW8270	CHRYSENE	ug/kg	1900 J	1400 J	759 J	3440 J	1360 J	545	910 J	1100 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	240 J	210 J	152 J	656 J	298 J	118	150 J	180 J	
SW8270	FLUORANTHENE	ug/kg	4200 J	3200 J	1160 J	4620 J	1700 J	726	1400 J	1900 J	
SW8270	FLUORENE	ug/kg	310 J	360 J	123 J	1500 J	381 J	163	96 J	170 J	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	730 J	650 J	353 J	1290 J	573 J	245	520 J	560 J	
SW8270	PHENANTHRENE	ug/kg	2100 J	2600 J	708 J	8010 J	2190 J	722	500 J	980 J	
SW8270	PHENOL	ug/kg									
SW8270	PYRENE	ug/kg	3700 J	2500 J	1320 J	7550 J	2570 J	1020	1200 J	1800 J	
SW9045	pH	S.U.	7.75 J	7.76 J	7.69 J	7.61 J	7.56 J	7.53	7.39 J	7.59 J	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-50070	OL-VC-50070	OL-VC-50070	OL-VC-50070	OL-VC-50070	OL-VC-50072	OL-VC-50072	OL-VC-50072
		Sample Depth	0.0-1.0 Ft	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-0843-05	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	7/24/2009	9/24/2009	9/24/2009	9/24/2009
		Sample Delivery Group	JA24031	JA24031	JA24031	JA24031	JA24031	OLS07	OLS07	OLS07
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	37200 J	52000 J	72500 J	70000 J	48700 J	11800	12000	17300
SM2540G	PERCENT MOISTURE	%						44.3	36.4	44
SM2540G	SOLIDS, PERCENT	%	35.8	33.2	35	31.8	37.5			
SW7471	MERCURY	mg/kg	2 J	20.7 J	6.4 J	6.6 J	2.5 J	0.0204 U	0.0179 U	0.0205 U
SW8082	AROCOLOR-1016	ug/kg	9.1 UJ	49 UJ	9.4 UJ	10 UJ	8.7 UJ	15 U	13 U	15 U
SW8082	AROCOLOR-1221	ug/kg	9.1 UJ	49 UJ	9.4 UJ	10 UJ	8.7 UJ	15 U	13 U	15 U
SW8082	AROCOLOR-1232	ug/kg	9.1 UJ	49 UJ	9.4 UJ	10 UJ	8.7 UJ	15 U	13 U	15 U
SW8082	AROCOLOR-1242	ug/kg	9.1 UJ	49 UJ	9.4 UJ	10 UJ	8.7 UJ	15 U	13 U	15 U
SW8082	AROCOLOR-1248	ug/kg	87.2 J	1700 J	969 J	501 J	8.7 UJ	15 U	13 U	15 U
SW8082	AROCOLOR-1254	ug/kg	49.1 J	595 J	472 J	274 J	8.7 UJ	15 U	13 U	15 U
SW8082	AROCOLOR-1260	ug/kg	19.3 J	184 J	141 J	69.6 J	8.7 UJ	15 U	13 U	15 U
SW8082	AROCOLOR-1268	ug/kg	9.1 UJ	49 UJ	9.4 UJ	10 UJ	8.7 UJ	15 U	13 U	15 U
SW8082	PCBS, N.O.S.	ug/kg	156 J	2480 J	1580 J	845 J	8.7 UJ	15 U	13 U	15 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	14 UJ	14 UJ	24 UJ	79 UJ	27 UJ	9 U	8 U	10 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	14 UJ	21.9 J	24.9 J	79 UJ	27 UJ	9 U	8 U	10 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	3.5 J	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	14 UJ	24 UJ	79 UJ	27 UJ	9 U	8 U	10 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	4.1 J	46.6 J	19.6 J	5.2 J	27 UJ	9 U	8 U	10 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	13.9 J	106 J	70.7 J	17.2 J	2.5 J	9 U	8 U	10 U
SW8260	BENZENE	ug/kg	1.5 J	7.7 J	13.3 J	19 J	7.3 J	9 U	8 U	10 U
SW8260	CHLOROBENZENE	ug/kg	26.6 J	126 J	46 J	24.2 J	27 UJ	9 U	8 U	10 U
SW8260	ETHYLBENZENE	ug/kg	2.7 UJ	3 J	5.5 J	9.7 J	20.4 J	9 U	8 U	10 U
SW8260	NAPHTHALENE	ug/kg	5.7 J	4.4 J	17.3 J	59.7 J	555 J	9 U	8 U	10 U
SW8260	O-XYLENE	ug/kg	2.5 J	14.6 J	19.8 J	27.8 J	12.1 J	9 U	8 U	10 U
SW8260	TOLUENE	ug/kg	0.9 J	2.5 J	2.7 J	16 UJ	9 J	9 U	8 U	10 U
SW8260	XYLENES, M & P	ug/kg	3.2 J	25.1 J	25.2 J	11.9 J	18 J	9 U	8 U	10 U
SW8260	XYLENES, TOTAL	ug/kg	5.7 J	39.7 J	45 J	39.7 J	30.1 J	9 U	8 U	10 U
SW8270	ACENAPHTHENE	ug/kg	26.9 J	47.5 J	230 J	183 J	1830 J	3 U	2.6 U	3 UJ
SW8270	ACENAPHTHYLENE	ug/kg	82.5 J	104 J	253 J	247 J	932 J	3 U	2.6 U	3 UJ
SW8270	ANTHRACENE	ug/kg	74.8 J	158 J	407 J	357 J	2680 J	0.6 J	2.6 U	3 UJ
SW8270	BENZO(A)ANTHRACENE	ug/kg	186 J	287 J	717 J	671 J	2250 J	2.5 J	2.6 U	3 UJ
SW8270	BENZO(A)PYRENE	ug/kg	225 J	287 J	713 J	690 J	1690 J	3.7	2.6 U	3 UJ
SW8270	BENZO(B)FLUORANTHENE	ug/kg	266 J	334 J	672 J	660 J	943 J	8.2	2.6 U	3 UJ
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	172 J	232 J	434 J	425 J	741 J	2.5 J	2.6 U	3 UJ
SW8270	BENZO(K)FLUORANTHENE	ug/kg	96 J	193 J	430 J	437 J	929 J	2.2 J	2.6 U	3 UJ
SW8270	CHRYSENE	ug/kg	234 J	384 J	911 J	833 J	2200 J	5.1	2.6 U	3 UJ
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	64.1 J	63 J	197 J	150 J	234 J	1.4 J	2.6 U	3 UJ
SW8270	FLUORANTHENE	ug/kg	318 J	648 J	1480 J	1300 J	3320 J	8.8	3.3	3 UJ
SW8270	FLUORENE	ug/kg	80 UJ	71 J	186 J	169 J	1690 J	3 U	2.6 U	3 UJ
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	152 J	180 J	394 J	379 J	665 J	2.8 J	2.6 U	3 UJ
SW8270	PHENANTHRENE	ug/kg	160 J	424 J	1340 J	1090 J	7240 J	3.6	2.5 J	3 UJ
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg	359 J	640 J	1690 J	1520 J	5050 J	7.7	2.8	3 UJ
SW9045	pH	S.U.	7.42 J	7.66 J	7.57 J	7.52 J	7.49 J	8.31	8.04	7.58

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-50072	OL-VC-50072	OL-VC-50073	OL-VC-50073	OL-VC-50073	OL-VC-50073	OL-VC-50073	OL-VC-50073	OL-VC-50074
		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	0.00-0.50 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	OL-1025-01	
		Sample Date	9/24/2009	9/24/2009	9/24/2009	9/24/2009	9/24/2009	9/24/2009	9/24/2009	9/23/2009	
		Sample Delivery Group	OLS07	OLS07	OLS07	OLS07	OLS07	OLS07	OLS08	OLS05	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical 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	8840	
SM2540G	PERCENT MOISTURE	%	47.7	47.4	64.8	65.7	69.4	61.1	59.2	49.9	
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	0.0216 UJ	
SW8082	AROCOLOR-1016	ug/kg	16 U	16 U	240 UJ	250 UJ	1400 UJ	220 UJ	21 UJ	17 U	
SW8082	AROCOLOR-1221	ug/kg	16 U	16 U	240 UJ	250 UJ	1400 UJ	220 UJ	21 UJ	17 U	
SW8082	AROCOLOR-1232	ug/kg	16 U	16 U	240 UJ	250 UJ	1400 UJ	220 UJ	21 UJ	17 U	
SW8082	AROCOLOR-1242	ug/kg	16 U	16 U	240 UJ	250 UJ	1400 UJ	220 UJ	21 UJ	17 U	
SW8082	AROCOLOR-1248	ug/kg	16 U	16 U	820 J	730 J	13000 J	230 J	52 J	17 U	
SW8082	AROCOLOR-1254	ug/kg	16 U	16 U	400 J	350 J	4900 J	440 J	30 J	17 U	
SW8082	AROCOLOR-1260	ug/kg	16 U	16 U	170 J	140 J	1300 J	260 J	11 J	17 U	
SW8082	AROCOLOR-1268	ug/kg	16 U	16 U	240 UJ	250 UJ	1400 UJ	150 J	21 UJ	17 U	
SW8082	PCBS, N.O.S.	ug/kg	16 U	16 U	1400 J	1200 J	19000 J	1100 J	92 J	17 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	10 U	9 U	15 UJ	14 UJ	17 UJ	590 UJ	570 UJ	10 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	10 U	9 U	15 UJ	14 UJ	17 UJ	590 UJ	570 UJ	10 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	10 U	9 U	6 J	5 J	120 J	590 UJ	570 UJ	10 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	10 U	9 U	15 UJ	9 J	72 J	590 UJ	570 UJ	10 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	10 U	9 U	6 J	39 J	140 J	590 UJ	570 UJ	10 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	10 U	9 U	23 J	95 J	330 J	590 UJ	570 UJ	10 U	
SW8260	BENZENE	ug/kg	10 U	9 U	15 UJ	4 J	28 J	590 UJ	570 UJ	10 U	
SW8260	CHLOROBENZENE	ug/kg	10 U	9 U	44 J	150 J	290 J	590 UJ	570 UJ	10 U	
SW8260	ETHYLBENZENE	ug/kg	10 U	9 U	15 UJ	14 UJ	15 J	590 UJ	570 UJ	10 U	
SW8260	NAPHTHALENE	ug/kg	10 U	9 U	15 UJ	14 UJ	28 J	2600 J	4300 J	10 U	
SW8260	O-XYLENE	ug/kg	10 U	9 U	4 J	14 J	68 J	590 UJ	570 UJ	10 U	
SW8260	TOLUENE	ug/kg	10 U	9 U	15 UJ	14 UJ	9 J	590 UJ	570 UJ	10 U	
SW8260	XYLENES, M & P	ug/kg	10 U	9 U	4 J	18 J	93 J	590 UJ	570 UJ	10 U	
SW8260	XYLENES, TOTAL	ug/kg	10 U	9 U	7 J	32 J	180 J	590 UJ	570 UJ	10 U	
SW8270	ACENAPHTHENE	ug/kg	3.2 U	3.2 U	53 J	98 J	890 J	270 J	4600 J	33 U	
SW8270	ACENAPHTHYLENE	ug/kg	3.2 U	3.2 U	29 J	110 J	550 J	120 J	980 J	33 U	
SW8270	ANTHRACENE	ug/kg	3.2 U	1.4 J	81 J	220 J	2300 J	330 J	7100 J	33 U	
SW8270	BENZO(A)ANTHRACENE	ug/kg	3.2 U	2 J	640 J	850 J	4100 J	500 J	6500 J	33 U	
SW8270	BENZO(A)PYRENE	ug/kg	3.2 U	3.2 U	550 J	980 J	3600 J	440 J	4200 J	33 U	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	3.2 U	1.8 J	890 J	1300 J	5200 J	500 J	4100 J	17 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	33 U	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	3.2 U	3.2 U	220 J	380 J	1500 J	180 J	970 J	33 U	
SW8270	CHRYSENE	ug/kg	3.2 U	2.2 J	720 J	1100 J	5400 J	610 J	6200 J	13 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	3.2 U	3.2 U	49 J	190 J	760 J	71 J	570 J	33 U	
SW8270	FLUORANTHENE	ug/kg	3.2 U	3.2	820 J	1800 J	11000 J	1100 J	12000 J	24 J	
SW8270	FLUORENE	ug/kg	3.2 U	3.2 U	65 J	130 J	1900 J	220 J	4400 J	33 U	
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	33 U	
SW8270	PHENANTHRENE	ug/kg	3.2 U	4.3	510 J	820 J	11000 J	990 J	21000 J	33 U	
SW8270	PHENOL	ug/kg								130 U	
SW8270	PYRENE	ug/kg	3.2 U	4.4	620 J	1700 J	9600 J	1100 J	15000 J	17 J	
SW9045	pH	S.U.	7.46	7.39	7.53 J	7.55 J	7.63 J	7.56 J	7.51 J	7.68	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-50074	OL-VC-50074	OL-VC-50074	OL-VC-50074	OL-VC-50075	OL-VC-50075	OL-VC-50075	OL-VC-50075
		Sample Depth	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	1.00-2.00 Ft	1.00-2.00 Ft
		Field Sample ID	OL-1025-02	OL-1025-03	OL-1025-04	OL-1025-05	OL-1025-06	OL-1025-07	OL-1025-08	OL-1025-09
		Sample Date	9/23/2009	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	OLS05	OLS05	OLS05	OLS05	OLS05	OLS05	OLS05
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Field duplicate
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	7080	13000 J	7260 J	15700 J	11200	17600	15000 J	13200 J
SM2540G	PERCENT MOISTURE	%	49.4	56.9	51	54.1	51	49.3	51.2	50.5
SM2540G	SOLIDS, PERCENT	%								
SW7471	MERCURY	mg/kg	0.0211 UJ	0.0249 UJ	0.0216 UJ	0.0232 UJ	1.6 J	4.36 J	0.291 J	0.243 J
SW8082	AROCOR-1016	ug/kg	17 U	20 UJ	17 UJ	19 UJ	17 U	84 U	17 UJ	17 UJ
SW8082	AROCOR-1221	ug/kg	17 U	20 UJ	17 UJ	19 UJ	17 U	84 U	17 UJ	17 UJ
SW8082	AROCOR-1232	ug/kg	17 U	20 UJ	17 UJ	19 UJ	17 U	84 U	17 UJ	17 UJ
SW8082	AROCOR-1242	ug/kg	17 U	20 UJ	17 UJ	19 UJ	17 U	84 U	17 UJ	17 UJ
SW8082	AROCOR-1248	ug/kg	17 U	20 UJ	17 UJ	19 UJ	130	340	12 J	17 J
SW8082	AROCOR-1254	ug/kg	17 U	20 UJ	17 UJ	19 UJ	74	180	12 J	19 J
SW8082	AROCOR-1260	ug/kg	17 U	20 UJ	17 UJ	19 UJ	40	59 J	8.6 J	12 J
SW8082	AROCOR-1268	ug/kg	17 U	20 UJ	17 UJ	19 UJ	17 U	84 U	17 UJ	17 UJ
SW8082	PCBS, N.O.S.	ug/kg	17 U	20 UJ	17 UJ	19 UJ	250	580	34 J	48 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	10 U	12 UJ	10 UJ	11 UJ	11 U	10 U	10 UJ	9 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	10 U	12 UJ	10 UJ	11 UJ	11 U	10 U	10 UJ	9 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	10 U	12 UJ	10 UJ	11 UJ	11 U	10 U	10 UJ	9 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	10 U	12 UJ	10 UJ	11 UJ	4 J	10 U	10 UJ	9 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	10 U	12 UJ	10 UJ	11 UJ	3 J	10 U	10 UJ	9 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	10 U	12 UJ	10 UJ	11 UJ	6 J	3 J	10 UJ	9 UJ
SW8260	BENZENE	ug/kg	10 U	12 UJ	10 UJ	11 UJ	11 U	10 U	10 UJ	9 UJ
SW8260	CHLOROBENZENE	ug/kg	10 U	12 UJ	10 UJ	11 UJ	11 U	10 U	10 UJ	9 UJ
SW8260	ETHYLBENZENE	ug/kg	10 U	12 UJ	10 UJ	11 UJ	11 U	10 U	10 UJ	9 UJ
SW8260	NAPHTHALENE	ug/kg	10 U	12 UJ	10 UJ	11 UJ	11 U	10 U	10 UJ	9 UJ
SW8260	O-XYLENE	ug/kg	10 U	12 UJ	10 UJ	11 UJ	11 U	10 U	10 UJ	9 UJ
SW8260	TOLUENE	ug/kg	10 U	12 UJ	10 UJ	11 UJ	11 U	10 U	10 UJ	9 UJ
SW8260	XYLENES, M & P	ug/kg	10 U	12 UJ	10 UJ	11 UJ	11 U	10 U	10 UJ	9 UJ
SW8260	XYLENES, TOTAL	ug/kg	10 U	12 UJ	10 UJ	11 UJ	11 U	10 U	10 UJ	9 UJ
SW8270	ACENAPHTHENE	ug/kg	3.3 U	39 UJ	3.4 UJ	3.6 UJ	34 U	33 U	34 UJ	34 UJ
SW8270	ACENAPHTHYLENE	ug/kg	3.3 U	39 UJ	3.4 UJ	3.6 UJ	34 U	11 J	11 J	14 J
SW8270	ANTHRACENE	ug/kg	3.3 U	39 UJ	3.4 UJ	3.6 UJ	11 J	23 J	29 J	68 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	3.3 U	39 UJ	3.4 UJ	3.6 UJ	32 J	82	80 J	170 J
SW8270	BENZO(A)PYRENE	ug/kg	3.3 U	39 UJ	3.4 UJ	3.6 UJ	44	79	95 J	140 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	3.3 U	39 UJ	3.4 UJ	3.6 UJ	83	140	130 J	180 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	3.3 U	39 UJ	3.4 UJ	3.6 UJ	35	52	46 J	69 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	3.3 U	39 UJ	3.4 UJ	3.6 UJ	27 J	66	69 J	120 J
SW8270	CHRYSENE	ug/kg	1.1 J	39 UJ	3.4 UJ	3.6 UJ	61	130	96 J	210 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	3.3 U	39 UJ	3.4 UJ	3.6 UJ	34 U	15 J	17 J	17 J
SW8270	FLUORANTHENE	ug/kg	2.1 J	39 UJ	3.4 UJ	3.6 UJ	110	220	210 J	240 J
SW8270	FLUORENE	ug/kg	3.3 U	39 UJ	3.4 UJ	3.6 UJ	34 U	33 U	34 UJ	34 UJ
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	3.3 U	39 UJ	3.4 UJ	3.6 UJ	28 J	51	53 J	69 J
SW8270	PHENANTHRENE	ug/kg	3.3 U	39 UJ	3.4 UJ	3.6 UJ	37	83	53 J	85 J
SW8270	PHENOL	ug/kg	13 U	150 UJ	24 J	18 J	140 U	130 U	140 UJ	130 UJ
SW8270	PYRENE	ug/kg	1.6 J	39 UJ	3.4 UJ	3.6 UJ	120	260	270 J	310 J
SW9045	pH	S.U.	7.98	7.8 J	7.87 J	7.74 J	7.7	7.75	7.65 J	7.63 J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-50075	OL-VC-50075	OL-VC-60229	OL-VC-60229	OL-VC-60229	OL-VC-60229	OL-VC-60229	OL-VC-60229
		Sample Depth	2.00-3.00 Ft	3.00-3.70 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft
		Field Sample ID	OL-1025-10	OL-1025-11	OL-0854-10	OL-0854-11	OL-0854-12	OL-0854-13	OL-0854-14	OL-0854-15
		Sample Date	9/23/2009	9/23/2009	7/30/2009	7/30/2009	7/30/2009	7/30/2009	7/30/2009	7/30/2009
		Sample Delivery Group	OLS05	OLS05	JA24410	JA24410	JA24410	JA24410	JA24410	JA24410
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%			60.5	55	55.3		58.6	53.9
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	11700	13900	55900	31300	12300	9640	9640	9280
SM2540G	PERCENT MOISTURE	%	46	48.4						
SM2540G	SOLIDS, PERCENT	%						51.8		
SW7471	MERCURY	mg/kg	0.254 J	0.0663 J	0.52	0.34	0.022 U	0.022 U	0.02 U	0.024 U
SW8082	AROCOLOR-1016	ug/kg	16 U	16 U	5.4 U	5.9 U	5.9 U	6.4 U	5.5 U	6.2 U
SW8082	AROCOLOR-1221	ug/kg	16 U	16 U	5.4 U	5.9 U	5.9 U	6.4 U	5.5 U	6.2 U
SW8082	AROCOLOR-1232	ug/kg	16 U	16 U	5.4 U	5.9 U	5.9 U	6.4 U	5.5 U	6.2 U
SW8082	AROCOLOR-1242	ug/kg	16 U	16 U	5.4 U	5.9 U	5.9 U	6.4 U	5.5 U	6.2 U
SW8082	AROCOLOR-1248	ug/kg	16 U	16 U	5.4 U	5.9 U	5.9 U	6.4 U	5.5 U	6.2 U
SW8082	AROCOLOR-1254	ug/kg	16 U	16 U	5.4 U	5.9 U	5.9 U	6.4 U	5.5 U	6.2 U
SW8082	AROCOLOR-1260	ug/kg	16 U	16 U	5.4 U	5.9 U	5.9 U	6.4 U	5.5 U	6.2 U
SW8082	AROCOLOR-1268	ug/kg	16 U	16 U	5.4 U	5.9 U	5.9 U	6.4 U	5.5 U	6.2 U
SW8082	PCBS, N.O.S.	ug/kg	16 U	16 U	5.4 U	5.9 U	5.9 U	6.4 U	5.5 U	6.2 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	10 U	10 U	8.4 U	9.3 U	9.2 U	9.1 U	8.4 U	8.6 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	10 U	10 U	8.4 U	9.3 U	9.2 U	9.1 U	8.4 U	8.6 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	10 U	10 U	8.4 U	9.3 U	9.2 U	9.1 U	8.4 U	8.6 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	10 U	10 U	8.4 U	9.3 U	9.2 U	9.1 U	8.4 U	8.6 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	10 U	10 U	8.4 U	9.3 U	9.2 U	9.1 U	8.4 U	8.6 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	10 U	10 U	8.4 U	9.3 U	9.2 U	9.1 U	8.4 U	8.6 U
SW8260	BENZENE	ug/kg	10 U	10 U	0.68 J	1.8 J	1.8 U	1.8 U	1.7 U	1.7 U
SW8260	CHLOROBENZENE	ug/kg	10 U	10 U	8.4 U	9.3 U	9.2 U	9.1 U	8.4 U	8.6 U
SW8260	ETHYLBENZENE	ug/kg	10 U	10 U	7.2	50.4	1.8 U	1.8 U	1.7 U	1.7 U
SW8260	NAPHTHALENE	ug/kg	10 U	10 U	77.3	317	3.5 J	9.1 U	8.4 U	8.6 U
SW8260	O-XYLENE	ug/kg	10 U	10 U	4.5	22.1	1.1 J	1.8 U	1.7 U	1.7 U
SW8260	TOLUENE	ug/kg	10 U	10 U	2.6	12.7	1.8 U	1.8 U	1.7 U	1.7 U
SW8260	XYLENES, M & P	ug/kg	10 U	10 U	4.4	28.8	3.7 U	3.6 U	3.3 U	3.4 U
SW8260	XYLENES, TOTAL	ug/kg	10 U	10 U	8.9	50.9	1.4 J	3.6 U	3.3 U	3.4 U
SW8270	ACENAPHTHENE	ug/kg	31 U	2.3 J	537	1020	5.1 U	5.5 U	4.9 U	5.3 U
SW8270	ACENAPHTHYLENE	ug/kg	20 J	4 J	292	339	5.1 U	5.5 U	4.9 U	5.3 U
SW8270	ANTHRACENE	ug/kg	55 J	9.9	619	1120	5.1 U	5.5 U	4.9 U	5.3 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	150 J	48	752	986	9.56 J	5.5 U	4.9 U	5.3 U
SW8270	BENZO(A)PYRENE	ug/kg	130 J	49	677	823 J	5.1 U	5.5 U	4.9 U	5.3 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	180 J	66	338	563	5.1 U	5.5 U	4.9 U	5.3 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	100 J	32	358	430 J	5.1 U	5.5 U	4.9 U	5.3 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	58 J	26	467	507	5.1 U	5.5 U	4.9 U	5.3 U
SW8270	CHRYSENE	ug/kg	190 J	49	832	1050	3.83 J	5.5 U	4.9 U	5.3 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	31 J	6.9	107	237 J	5.1 U	5.5 U	4.9 U	5.3 U
SW8270	FLUORANTHENE	ug/kg	410 J	100	1140	1560	8.46	5.5 U	4.9 U	5.3 U
SW8270	FLUORENE	ug/kg	31 U	3.2 J	399 J	214 J	5.1 U	5.5 U	4.9 U	5.3 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	87 J	27	293	377 J	5.1 U	5.5 U	4.9 U	5.3 U
SW8270	PHENANTHRENE	ug/kg	53 J	16	1420 J	3030 J	21.6 J	5.5 U	4.9 U	5.3 U
SW8270	PHENOL	ug/kg	120 U	20						
SW8270	PYRENE	ug/kg	410 J	130	1920	2240	11.9	5.5 U	4.9 U	5.3 U
SW9045	pH	S.U.	7.6	7.49	7.95	7.76	7.16	7.08	6.93	7.03

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-60230	OL-VC-60230	OL-VC-60230	OL-VC-60230	OL-VC-60230	OL-VC-60230	OL-VC-60231	OL-VC-60231
		Sample Depth	0-1 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-4.8 Ft	0-1 Ft	1-2 Ft
		Field Sample ID	OL-0853-04	OL-0853-05	OL-0853-06	OL-0853-07	OL-0853-08	OL-0853-09	OL-0852-16	OL-0852-17
		Sample Date	7/30/2009	7/30/2009	7/30/2009	7/30/2009	7/30/2009	7/30/2009	7/30/2009	7/30/2009
		Sample Delivery Group	JA24412	JA24412	JA24412	JA24412	JA24412	JA24412	JA24411	JA24411
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%	71.9	71.3	65.2	73	50.9	57.7	77.1	60.9
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	21300 J	169000 J	31000	4920	16100	22200	24100	76200
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%								
SW7471	MERCURY	mg/kg	0.084	0.076	0.19	0.55	0.026 U	0.02 U	0.68	0.66
SW8082	AROCOLOR-1016	ug/kg	4.6 U	4.6 U	5 U	4.5 U	6.5 U	5.7 U	4.2 U	5.4 U
SW8082	AROCOLOR-1221	ug/kg	4.6 U	4.6 U	5 U	4.5 U	6.5 U	5.7 U	4.2 U	5.4 U
SW8082	AROCOLOR-1232	ug/kg	4.6 U	4.6 U	5 U	4.5 U	6.5 U	5.7 U	4.2 U	5.4 U
SW8082	AROCOLOR-1242	ug/kg	4.6 U	4.6 U	5 U	4.5 U	6.5 U	5.7 U	4.2 U	5.4 U
SW8082	AROCOLOR-1248	ug/kg	47.7	40.3	5 U	4.5 U	6.5 U	5.7 U	4.2 U	5.4 U
SW8082	AROCOLOR-1254	ug/kg	31.8	32.9	5 U	4.5 U	6.5 U	5.7 U	25.3 J	5.4 U
SW8082	AROCOLOR-1260	ug/kg	15.1 J	11.5 J	5 U	4.5 U	6.5 U	5.7 U	12.5 J	5.4 U
SW8082	AROCOLOR-1268	ug/kg	4.6 U	4.6 U	5 U	4.5 U	6.5 U	5.7 U	4.2 U	5.4 U
SW8082	PCBS, N.O.S.	ug/kg	94.6	84.7	5 U	4.5 U	6.5 U	5.7 U	37.8 J	5.4 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	6.8 U	7.3 U	7.8 U	6.7 U	10 U	8.5 U	15 U	20 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	6.8 U	7.3 U	7.8 U	6.7 U	10 U	8.5 U	15 U	20 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	6.8 U	7.3 U	0.75 J	6.7 U	10 U	8.5 U	15 U	20 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	6.8 U	7.3 U	7.8 U	6.7 U	10 U	8.5 U	15 U	20 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	6.8 U	7.3 U	7.8 U	6.7 U	10 U	8.5 U	15 U	20 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	6.8 U	7.3 U	0.82 J	6.7 U	10 U	8.5 U	15 U	20 U
SW8260	BENZENE	ug/kg	1.4 U	1.5 U	4	1.3 U	2 U	1.7 U	1.2 J	1.4 J
SW8260	CHLOROBENZENE	ug/kg	6.8 U	7.3 U	7.8 U	6.7 U	10 U	8.5 U	15 U	20 U
SW8260	ETHYLBENZENE	ug/kg	1.4 U	1.5 U	70	4	2 U	1.7 U	1.9 J	2.2 J
SW8260	NAPHTHALENE	ug/kg	6.8 U	7.3 U	4140	48.6	6.7 J	8.5 U	45.7	31.6
SW8260	O-XYLENE	ug/kg	1.4 U	1.5 U	44.1	3.8	2 U	1.7 U	6.4	7.5
SW8260	TOLUENE	ug/kg	1.4 U	1.5 U	20.1	1.3 U	2 U	1.7 U	1.8 J	2.1 J
SW8260	XYLENES, M & P	ug/kg	2.7 U	2.9 U	43.9	3.7	4.1 U	3.4 U	8.7	7.5 J
SW8260	XYLENES, TOTAL	ug/kg	2.7 U	2.9 U	88	7.5	4.1 U	3.4 U	15.1	15
SW8270	ACENAPHTHENE	ug/kg	174	173	989	44.6	5.6 U	5 U	2190	7290
SW8270	ACENAPHTHYLENE	ug/kg	162	208	470	50	5.6 U	5 U	791	1800
SW8270	ANTHRACENE	ug/kg	442	468	1050	238	5.6 U	5 U	2560	6680
SW8270	BENZO(A)ANTHRACENE	ug/kg	1270 J	1380 J	1180 J	737 J	5.6 U	5 U	2220 J	4230
SW8270	BENZO(A)PYRENE	ug/kg	1160	1140	940	491	5.6 U	5 U	1750 J	3220
SW8270	BENZO(B)FLUORANTHENE	ug/kg	963	1020	671	312	5.6 U	5 U	1200 J	2040
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	625	550	415	165	5.6 U	5 U	856 J	1460
SW8270	BENZO(K)FLUORANTHENE	ug/kg	914	819	523	380	5.6 U	5 U	1280 J	1930
SW8270	CHRYSENE	ug/kg	1310	1400	1210	619	5.6 U	5 U	2580 J	5060
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	227	223	171	88.7	5.6 U	5 U	332 J	584
SW8270	FLUORANTHENE	ug/kg	2890	3180	2140	1010	11.6	9.04	3410	6490
SW8270	FLUORENE	ug/kg	190	219	764	45.1	5.6 U	5 U	121 J	4270 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	616	560	405	180	5.6 U	5 U	832 J	1390
SW8270	PHENANTHRENE	ug/kg	1570 J	1730 J	2780 J	250 J	13.8 J	21.7 J	2600	19200
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg	2370	2600	2410	790	11.4	11.9	4930 J	10500 J
SW9045	pH	S.U.	7.72	7.72	7.55	7.54	6.86	6.81	7.68	7.45

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-60231	OL-VC-60231	OL-VC-60231	OL-VC-60231	OL-VC-60231	OL-VC-60231	OL-VC-60231A	OL-VC-60231A
		Sample Depth	2-3 Ft	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-0852-18	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	7/30/2009	8/4/2009	8/4/2009
		Sample Delivery Group	JA24411	JA24411	JA24411	JA24412	JA24412	JA24412	JA24769	JA24769
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%	63	78.4	70.1	66.2	64.2	69.8		
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	21100	6770	16500	11700	11800	16300	26800	14700
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%							64.8	62
SW7471	MERCURY	mg/kg	0.3	0.029 J	0.018 U	0.019 U	0.023 J	0.018 U	0.9	0.29
SW8082	AROCOLOR-1016	ug/kg	5.3 U	4.2 U	4.7 U	4.9 U	5.1 U	4.7 U	5.1 U	5.3 U
SW8082	AROCOLOR-1221	ug/kg	5.3 U	4.2 U	4.7 U	4.9 U	5.1 U	4.7 U	5.1 U	5.3 U
SW8082	AROCOLOR-1232	ug/kg	5.3 U	4.2 U	4.7 U	4.9 U	5.1 U	4.7 U	5.1 U	5.3 U
SW8082	AROCOLOR-1242	ug/kg	5.3 U	4.2 U	4.7 U	4.9 U	5.1 U	4.7 U	5.1 U	5.3 U
SW8082	AROCOLOR-1248	ug/kg	5.3 U	4.2 U	4.7 U	4.9 U	5.1 U	4.7 U	5.1 U	5.3 U
SW8082	AROCOLOR-1254	ug/kg	5.3 U	4.2 U	4.7 U	4.9 U	5.1 U	4.7 U	5.1 U	5.3 U
SW8082	AROCOLOR-1260	ug/kg	5.3 U	4.2 U	4.7 U	4.9 U	5.1 U	4.7 U	5.1 U	5.3 U
SW8082	AROCOLOR-1268	ug/kg	5.3 U	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	5.3 U	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	7.6 U	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	7.6 U	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	7.6 U	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	7.6 U	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	7.6 U	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	7.6 U	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	1.5 U	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	7.6 U	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	1.5 U	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	7.6 U	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	1.5 U	1.3 U	1.4 U	1.6 U	1.6 U	1.5 U	1.7	0.77 J
SW8260	TOLUENE	ug/kg	1.5 U	1.3 U	1.4 U	1.6 U	1.6 U	1.5 U	1.5 U	0.59 J
SW8260	XYLENES, M & P	ug/kg	3.1 U	2.5 U	2.7 U	3.1 U	3.2 U	3 U	4	3.3 U
SW8260	XYLENES, TOTAL	ug/kg	3.1 U	2.5 U	2.7 U	3.1 U	3.2 U	3 U	5.7	0.77 J
SW8270	ACENAPHTHENE	ug/kg	102	41.3	23.4 J	4.3 U	4.5 U	80.5	2060	210
SW8270	ACENAPHTHYLENE	ug/kg	34.8 J	36 U	41 U	4.3 U	4.5 U	26	950	70.4
SW8270	ANTHRACENE	ug/kg	308	187	181	4.3 U	4.5 U	101	1750	305
SW8270	BENZO(A)ANTHRACENE	ug/kg	451	327	253	9.46 J	4.5 U	139 J	3380	536
SW8270	BENZO(A)PYRENE	ug/kg	331	276	208	4.3 U	4.5 U	74.8	2910	404
SW8270	BENZO(B)FLUORANTHENE	ug/kg	238	211	125	4.3 U	4.5 U	116	2660	248
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	138	105	84	4.3 U	4.5 U	44.7	1240	161
SW8270	BENZO(K)FLUORANTHENE	ug/kg	304	200	195	4.3 U	4.5 U	26.4	1480	327
SW8270	CHRYSENE	ug/kg	486	313	237	3.62 J	4.5 U	78.9	3430	470
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	62.6	42.2	35.8 J	4.3 U	4.5 U	12.1	494	68.7
SW8270	FLUORANTHENE	ug/kg	646	490	408	8.01	4.5 U	171	6260	866
SW8270	FLUORENE	ug/kg	158 J	64.5 J	69.7 J	4.3 U	4.5 U	42.8	399	109
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	137	123	93.1	4.3 U	4.5 U	38.9	1270	169
SW8270	PHENANTHRENE	ug/kg	590	318	332	12 J	4.5 U	225 J	2640	616
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg	664 J	514 J	421 J	8.84	4.5 U	184	6700	829
SW9045	pH	S.U.	7.45	7.52	7.64	7.45	7.4	7.29	7.54	7.5

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-60231A	OL-VC-60231A	OL-VC-60231A	OL-VC-60231A	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	5-6 Ft	6-7 Ft	7-8 Ft	8-9 Ft
		Field Sample ID	OL-0862-10	OL-0862-11	OL-0862-12	OL-0862-13	OL-0862-14	OL-0862-15	OL-0862-16	OL-0862-17
		Sample Date	8/4/2009	8/4/2009	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	JA24769	JA24769
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Field duplicate	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	15000	17800	9180	13300	11500	20700	12000	12600
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	66.6	62.5	80.3	58.7	63.3	59.4	63.3	65.3
SW7471	MERCURY	mg/kg	0.18	0.13	0.073	0.022 U	0.019 U	0.022 U	0.02 U	0.02 U
SW8082	AROCOLOR-1016	ug/kg	5 U	5.3 U	4.1 U	5.6 U	5.3 U	5.6 U	5.3 U	5.1 U
SW8082	AROCOLOR-1221	ug/kg	5 U	5.3 U	4.1 U	5.6 U	5.3 U	5.6 U	5.3 U	5.1 U
SW8082	AROCOLOR-1232	ug/kg	5 U	5.3 U	4.1 U	5.6 U	5.3 U	5.6 U	5.3 U	5.1 U
SW8082	AROCOLOR-1242	ug/kg	5 U	5.3 U	4.1 U	5.6 U	5.3 U	5.6 U	5.3 U	5.1 U
SW8082	AROCOLOR-1248	ug/kg	5 U	5.3 U	4.1 U	5.6 U	5.3 U	5.6 U	5.3 U	5.1 U
SW8082	AROCOLOR-1254	ug/kg	5 U	5.3 U	4.1 U	5.6 U	5.3 U	5.6 U	5.3 U	5.1 U
SW8082	AROCOLOR-1260	ug/kg	5 U	5.3 U	4.1 U	5.6 U	5.3 U	5.6 U	5.3 U	5.1 U
SW8082	AROCOLOR-1268	ug/kg	5 U	5.3 U	4.1 U	5.6 U	5.3 U	5.6 U	5.3 U	5.1 U
SW8082	PCBS, N.O.S.	ug/kg	5 U	5.3 U	4.1 U	5.6 U	5.3 U	5.6 U	5.3 U	5.1 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	7.4 U	7.7 U	6.4 U	8.9 U	7.6 U	8.3 U	8.8 U	7.5 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	7.4 U	7.7 U	6.4 U	8.9 U	7.6 U	8.3 U	8.8 U	7.5 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	7.4 U	7.7 U	6.4 U	8.9 U	7.6 U	8.3 U	8.8 U	7.5 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	7.4 U	7.7 U	6.4 U	8.9 U	7.6 U	8.3 U	8.8 U	7.5 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	7.4 U	7.7 U	6.4 U	8.9 U	7.6 U	8.3 U	8.8 U	7.5 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	7.4 U	7.7 U	6.4 U	8.9 U	7.6 U	8.3 U	8.8 U	7.5 U
SW8260	BENZENE	ug/kg	1.5 U	1.5 U	1.3 U	1.8 U	1.5 U	1.7 U	1.8 U	1.5 U
SW8260	CHLOROBENZENE	ug/kg	7.4 U	7.7 U	6.4 U	8.9 U	7.6 U	8.3 U	8.8 U	7.5 U
SW8260	ETHYLBENZENE	ug/kg	1.5 U	1.5 U	1.3 U	1.8 U	1.5 U	1.7 U	1.8 U	1.5 U
SW8260	NAPHTHALENE	ug/kg	4.4 J	1.5 J	6.4 U	8.9 U	7.6 U	8.3 U	8.8 U	7.5 U
SW8260	O-XYLENE	ug/kg	1.3 J	1.5 U	1.3 U	1.8 U	1.5 U	1.7 U	1.8 U	1.5 U
SW8260	TOLUENE	ug/kg	1.5 U	1.5 U	1.3 U	1.8 U	1.5 U	1.7 U	1.8 U	1.5 U
SW8260	XYLENES, M & P	ug/kg	2 J	3.1 U	2.5 U	3.5 U	3 U	3.3 U	3.5 U	3 U
SW8260	XYLENES, TOTAL	ug/kg	3.3 J	3.1 U	2.5 U	3.5 U	3 U	3.3 U	3.5 U	3 U
SW8270	ACENAPHTHENE	ug/kg	319	135	44.2	4.9 U	4.5 U	4.8 U	4.5 U	4.4 U
SW8270	ACENAPHTHYLENE	ug/kg	59.8	46.2	39.5	4.9 U	4.5 U	4.8 U	4.5 U	4.4 U
SW8270	ANTHRACENE	ug/kg	335	381	366	6.62	4.5 U	4.8 U	4.5 U	4.4 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	628	600	737	14.8	4.5 U	4.8 U	4.5 U	4.4 U
SW8270	BENZO(A)PYRENE	ug/kg	449	483	546	8	4.5 U	4.8 U	4.5 U	4.4 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	317	370	447	10.3	4.5 U	4.8 U	4.5 U	4.4 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	153	201	200	4.9 U	4.5 U	4.8 U	4.5 U	4.4 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	329	326	365	3.66 J	4.5 U	4.8 U	4.5 U	4.4 U
SW8270	CHRYSENE	ug/kg	533	516	619	9.46	4.5 U	4.8 U	4.5 U	4.4 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	71.3	81.5	94.3	4.9 U	4.5 U	4.8 U	4.5 U	4.4 U
SW8270	FLUORANTHENE	ug/kg	903	1040	1230	20.7	4.5 U	4.8 U	4.5 U	4.4 U
SW8270	FLUORENE	ug/kg	150	142	102	4.9 U	4.5 U	4.8 U	4.5 U	4.4 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	174	214	227	4.9 U	4.5 U	4.8 U	4.5 U	4.4 U
SW8270	PHENANTHRENE	ug/kg	664	646	578	15.7	4.5 U	4.8 U	4.5 U	4.4 U
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg	817	868	1060	20.8	4.5 U	4.8 U	4.5 U	4.4 U
SW9045	pH	S.U.	7.46	7.36	7.54	7.5	7.42	7.29	7.35	7.2

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-60231A	OL-VC-60231A	OL-VC-60232	OL-VC-60232	OL-VC-60232	OL-VC-60232	OL-VC-60232	OL-VC-60232	OL-VC-60232
		Sample Depth	9-10 Ft	10-10.8 Ft	0-1 Ft	1-2 Ft	2-3 Ft	2-3 Ft	3-4 Ft	4-5 Ft	
		Field Sample ID	OL-0862-18	OL-0862-19	OL-0852-01	OL-0852-02	OL-0852-03	OL-0852-04	OL-0852-05	OL-0852-06	
		Sample Date	8/4/2009	8/4/2009	7/30/2009	7/30/2009	7/30/2009	7/30/2009	7/30/2009	7/30/2009	
		Sample Delivery Group	JA24769	JA24769	JA24411	JA24411	JA24411	JA24411	JA24411	JA24411	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%			67.7	76	68.5	70	68.6	73.1	
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	12100	12000	60600	21400	31900	23500	14500	11700	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	64.5	63.1							
SW7471	MERCURY	mg/kg	0.019 U	0.018 U	0.67	0.57	0.34 J	0.11 J	0.018 U	0.017 U	
SW8082	AROCOLOR-1016	ug/kg	5.1 U	5.2 U	4.9 U	4.4 U	4.8 U	4.7 U	4.9 U	4.5 U	
SW8082	AROCOLOR-1221	ug/kg	5.1 U	5.2 U	4.9 U	4.4 U	4.8 U	4.7 U	4.9 U	4.5 U	
SW8082	AROCOLOR-1232	ug/kg	5.1 U	5.2 U	4.9 U	4.4 U	4.8 U	4.7 U	4.9 U	4.5 U	
SW8082	AROCOLOR-1242	ug/kg	5.1 U	5.2 U	4.9 U	4.4 U	4.8 U	4.7 U	4.9 U	4.5 U	
SW8082	AROCOLOR-1248	ug/kg	5.1 U	5.2 U	15.4 J	37.3 J	4.8 U	4.7 U	4.9 U	4.5 U	
SW8082	AROCOLOR-1254	ug/kg	5.1 U	5.2 U	28.1 J	4.4 U	4.8 U	4.7 U	4.9 U	4.5 U	
SW8082	AROCOLOR-1260	ug/kg	5.1 U	5.2 U	4.9 U	4.4 U	4.8 U	4.7 U	4.9 U	4.5 U	
SW8082	AROCOLOR-1268	ug/kg	5.1 U	5.2 U	32.6 J	4.4 U	4.8 U	4.7 U	4.9 U	4.5 U	
SW8082	PCBS, N.O.S.	ug/kg	5.1 U	5.2 U	76.1 J	37.3 J	4.8 U	4.7 U	4.9 U	4.5 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	7.5 U	7.6 U	7.5 U	6.4 U	7.3 U	7 U	7 U	6.7 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	7.5 U	7.6 U	7.5 U	6.4 U	7.3 U	7 U	7 U	6.7 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	7.5 U	7.6 U	7.5 U	6.4 U	7.3 U	7 U	7 U	6.7 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	7.5 U	7.6 U	7.5 U	6.4 U	7.3 U	7 U	7 U	6.7 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	7.5 U	7.6 U	7.5 U	6.4 U	7.3 U	7 U	7 U	6.7 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	7.5 U	7.6 U	7.5 U	6.4 U	7.3 U	7 U	7 U	6.7 U	
SW8260	BENZENE	ug/kg	1.5 U	1.5 U	1.8	1.7	0.68 J	0.7 J	1.4 U	1.3 U	
SW8260	CHLOROBENZENE	ug/kg	7.5 U	7.6 U	7.5 U	6.4 U	7.3 U	7 U	7 U	6.7 U	
SW8260	ETHYLBENZENE	ug/kg	1.5 U	1.5 U	10.4	7.9	1.5 U	1.4 U	1.4 U	1.3 U	
SW8260	NAPHTHALENE	ug/kg	7.5 U	7.6 U	52.9	39.1	11.7	15.4	3.9 J	6.7 U	
SW8260	O-XYLENE	ug/kg	1.5 U	1.5 U	4.2	2.5	1.5 U	1.4 U	1.4 U	1.3 U	
SW8260	TOLUENE	ug/kg	1.5 U	1.5 U	1.2 J	1.1 J	1.5 U	1.4 U	1.4 U	1.3 U	
SW8260	XYLENES, M & P	ug/kg	3 U	3 U	7.9	6.4	0.86 J	0.81 J	2.8 U	2.7 U	
SW8260	XYLENES, TOTAL	ug/kg	3 U	3 U	12.1	8.9	0.86 J	0.81 J	2.8 U	2.7 U	
SW8270	ACENAPHTHENE	ug/kg	4.4 U	4.5 U	3830	2290	2950 J	1010 J	61.7	3.9 U	
SW8270	ACENAPHTHYLENE	ug/kg	4.4 U	4.5 U	1020	893	383	271	4.2 U	3.9 U	
SW8270	ANTHRACENE	ug/kg	4.4 U	4.5 U	2900	2630	6030 J	2420 J	47.6	3.9 U	
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.4 U	4.5 U	3880 J	2720 J	6030	3680	22.8	7.77	
SW8270	BENZO(A)PYRENE	ug/kg	4.4 U	4.5 U	3760 J	2540 J	4790	2900	9.82	3.9 U	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.4 U	4.5 U	2400 J	1700 J	3980	2330	13.5	3.9 U	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.4 U	4.5 U	1950 J	1300 J	1760	1200	4.31	3.9 U	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.4 U	4.5 U	2350 J	1780 J	2520	1920	5.07	3.9 U	
SW8270	CHRYSENE	ug/kg	4.4 U	4.5 U	4400 J	3150 J	5830	3590	15.1	3.36 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.4 U	4.5 U	643 J	453 J	695	473	4.2 U	3.9 U	
SW8270	FLUORANTHENE	ug/kg	4.4 U	4.5 U	6560	4120	9430	5880	69.9	6.64	
SW8270	FLUORENE	ug/kg	4.4 U	4.5 U	764 J	1550 J	2110 J	1050 J	21.9 J	3.9 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.4 U	4.5 U	1680 J	1260 J	1920	1310	4.4	3.9 U	
SW8270	PHENANTHRENE	ug/kg	4.4 U	4.5 U	4930	7210	9790 J	4040 J	36	6.36	
SW8270	PHENOL	ug/kg									
SW8270	PYRENE	ug/kg	4.4 U	4.5 U	10200 J	5940 J	9750 J	6100 J	54.4 J	5.5 J	
SW9045	pH	S.U.	7.32	7.25	7.6	7.39	7.23	6.91	7.21	6.67	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-60232	OL-VC-60232	OL-VC-60232	OL-VC-60233	OL-VC-60233	OL-VC-60233	OL-VC-60233	OL-VC-60233	OL-VC-60233
		Sample Depth	5-6 Ft	6-7 Ft	7-7.6 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5.3 Ft	4-5.3 Ft
		Field Sample ID	OL-0852-07	OL-0852-08	OL-0852-09	OL-0851-13	OL-0851-14	OL-0851-15	OL-0851-16	OL-0851-17	OL-0851-17
		Sample Date	7/30/2009	7/30/2009	7/30/2009	7/29/2009	7/29/2009	7/29/2009	7/29/2009	7/29/2009	7/29/2009
		Sample Delivery Group	JA24411	JA24411	JA24411	JA24294	JA24294	JA24294	JA24294	JA24294	JA24294
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%	68.5	63.1	64						
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	18300	22600	16100	45600	14800	1730	24500	7830	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%				51.4	72.6	78.1	70.6	69.2	
SW7471	MERCURY	mg/kg	0.018 U	0.02 U	0.024 J	2	0.47	0.015 U	0.017 U	0.018 U	
SW8082	AROCOLOR-1016	ug/kg	4.8 U	5.2 U	5.1 U	6.4 U	4.5 U	4.2 U	4.7 U	4.8 U	
SW8082	AROCOLOR-1221	ug/kg	4.8 U	5.2 U	5.1 U	6.4 U	4.5 U	4.2 U	4.7 U	4.8 U	
SW8082	AROCOLOR-1232	ug/kg	4.8 U	5.2 U	5.1 U	6.4 U	4.5 U	4.2 U	4.7 U	4.8 U	
SW8082	AROCOLOR-1242	ug/kg	4.8 U	5.2 U	5.1 U	6.4 U	4.5 U	4.2 U	4.7 U	4.8 U	
SW8082	AROCOLOR-1248	ug/kg	4.8 U	76.4	5.1 U	6.4 U	4.5 U	4.2 U	4.7 U	4.8 U	
SW8082	AROCOLOR-1254	ug/kg	4.8 U	28.4	5.1 U	6.4 U	4.5 U	4.2 U	4.7 U	4.8 U	
SW8082	AROCOLOR-1260	ug/kg	4.8 U	5.2 U	5.1 U	64	4.5 U	4.2 U	4.7 U	4.8 U	
SW8082	AROCOLOR-1268	ug/kg	4.8 U	5.2 U	5.1 U	6.4 U	4.5 U	4.2 U	4.7 U	4.8 U	
SW8082	PCBS, N.O.S.	ug/kg	4.8 U	105	5.1 U	64	4.5 U	4.2 U	4.7 U	4.8 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	7.6 U	8.1 U	7.7 U	9.7 U	6.8 U	6.2 U	6.9 U	6.9 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	7.6 U	8.1 U	7.7 U	9.7 U	6.8 U	6.2 U	6.9 U	6.9 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	7.6 U	8.1 U	7.7 U	9.7 U	6.8 U	6.2 U	6.9 U	6.9 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	7.6 U	8.1 U	7.7 U	9.7 U	6.8 U	6.2 U	6.9 U	6.9 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	7.6 U	8.1 U	7.7 U	9.7 U	6.8 U	6.2 U	6.9 U	6.9 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	7.6 U	8.1 U	7.7 U	9.7 U	6.8 U	6.2 U	6.9 U	6.9 U	
SW8260	BENZENE	ug/kg	1.5 U	1.6 U	1.5 U	2.9	1.4 U	1.2 U	1.4 U	1.4 U	
SW8260	CHLOROBENZENE	ug/kg	7.6 U	8.1 U	7.7 U	9.7 U	6.8 U	6.2 U	6.9 U	6.9 U	
SW8260	ETHYLBENZENE	ug/kg	1.5 U	1.6 U	1.5 U	1.9 U	1.3 J	1.2 U	1.4 U	1.4 U	
SW8260	NAPHTHALENE	ug/kg	7.6 U	8.1 U	7.7 U	3.4 J	6.8 U	6.2 U	6.9 U	6.9 U	
SW8260	O-XYLENE	ug/kg	1.5 U	1.6 U	1.5 U	3.1	1.8	1.2 U	1.4 U	1.4 U	
SW8260	TOLUENE	ug/kg	1.5 U	1.6 U	1.5 U	0.93 J	1.7	1.2 U	0.5 J	0.55 J	
SW8260	XYLENES, M & P	ug/kg	3 U	3.2 U	3.1 U	3.1 J	4.5	2.5 U	1.1 J	1 J	
SW8260	XYLENES, TOTAL	ug/kg	3 U	3.2 U	3.1 U	6.2	6.3	2.5 U	1.1 J	1 J	
SW8270	ACENAPHTHENE	ug/kg	4.1 U	4.5 U	4.5 U	13600	168	13.1	4 U	14.4	
SW8270	ACENAPHTHYLENE	ug/kg	4.1 U	4.5 U	4.5 U	2330	96.4	7.16	4 U	4.1 U	
SW8270	ANTHRACENE	ug/kg	4.1 U	4.5 U	4.5 U	10400	248	24.3	4 U	23.4	
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.1 U	4.5 U	4.5 U	10100	457	52.6	4 U	55.3	
SW8270	BENZO(A)PYRENE	ug/kg	4.1 U	4.5 U	4.5 U	9740	486	27.5	4 U	33.2	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.1 U	4.5 U	4.5 U	8160	429	36.3	4 U	47.1	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.1 U	4.5 U	4.5 U	3310	271	16.1	4 U	25.2	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.1 U	4.5 U	4.5 U	3120	182	16.2	4 U	18.6	
SW8270	CHRYSENE	ug/kg	4.1 U	4.5 U	4.5 U	9660	400	23.9	4 U	25	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.1 U	4.5 U	4.5 U	1090	77.5	5	4 U	6.36	
SW8270	FLUORANTHENE	ug/kg	4.1 U	4.5 U	4.5 U	19500	665	65.5	4 U	75	
SW8270	FLUORENE	ug/kg	4.1 U	4.5 U	4.5 U	6580	168	12.6	4 U	8.12	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.1 U	4.5 U	4.5 U	2940	216	13.2	4 U	20.3	
SW8270	PHENANTHRENE	ug/kg	4.1 U	4.5 U	4.5 U	29100	557	65.8	4 U	73	
SW8270	PHENOL	ug/kg									
SW8270	PYRENE	ug/kg	4.1 U	4.5 U	4.5 U	26300	828	77.2	4 U	85.1	
SW9045	pH	S.U.	6.87	7.25	7.13	7.49	7.36	7.75	7.16	6.74	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-60234	OL-VC-60234	OL-VC-60234	OL-VC-60234	OL-VC-60234	OL-VC-60234	OL-VC-60234	OL-VC-60235	OL-VC-60235
		Sample Depth	0-1 Ft	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-0852-10	OL-0852-11	OL-0852-12	OL-0852-13	OL-0852-14	OL-0852-15	OL-0850-01	OL-0850-02	
		Sample Date	7/30/2009	7/30/2009	7/30/2009	7/30/2009	7/30/2009	7/30/2009	7/29/2009	7/29/2009	
		Sample Delivery Group	JA24411	JA24411	JA24411	JA24411	JA24411	JA24411	JA24295	JA24295	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%	79.7	53.7	51.4	65.1	69	69.4			
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	42900	72000	40500	8060	5860	6790	27600	21000	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%							80.6	78.6	
SW7471	MERCURY	mg/kg	0.85	1.7	0.44	0.019 U	0.017 U	0.018 U	0.69	0.54	
SW8082	AROCOLOR-1016	ug/kg	4.1 U	6.2 U	6.5 U	5 U	4.8 U	4.7 U	4.1 U	4.2 U	
SW8082	AROCOLOR-1221	ug/kg	4.1 U	6.2 U	6.5 U	5 U	4.8 U	4.7 U	4.1 U	4.2 U	
SW8082	AROCOLOR-1232	ug/kg	4.1 U	6.2 U	6.5 U	5 U	4.8 U	4.7 U	4.1 U	4.2 U	
SW8082	AROCOLOR-1242	ug/kg	4.1 U	6.2 U	6.5 U	5 U	4.8 U	4.7 U	4.1 U	4.2 U	
SW8082	AROCOLOR-1248	ug/kg	67.8	42.8 J	6.5 U	5 U	4.8 U	4.7 U	5.2	4.2 U	
SW8082	AROCOLOR-1254	ug/kg	55.9 J	36.1 J	6.5 U	5 U	6.1	4.7 U	4.1 U	4.2 U	
SW8082	AROCOLOR-1260	ug/kg	57.8 J	25.7 J	6.5 U	6.5 J	4.8 U	4.7 U	4.1 U	4.2 U	
SW8082	AROCOLOR-1268	ug/kg	4.1 U	6.2 U	6.5 U	5 U	4.8 U	4.7 U	4.1 U	4.2 U	
SW8082	PCBS, N.O.S.	ug/kg	181 J	105 J	6.5 U	6.5 J	6.1	4.7 U	5.2	4.2 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	5.9 U	9 U	10 U	7.7 U	7.2 U	7.5 U	6.3 U	6.1 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	5.9 U	9 U	10 U	7.7 U	7.2 U	7.5 U	6.3 U	6.1 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	5.9 U	9 U	10 U	7.7 U	7.2 U	7.5 U	0.62 J	6.1 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	5.9 U	9 U	10 U	7.7 U	7.2 U	7.5 U	6.3 U	6.1 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	5.9 U	9 U	10 U	7.7 U	7.2 U	7.5 U	0.37 J	6.1 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	5.9 U	9 U	10 U	7.7 U	7.2 U	7.5 U	2.4 J	6.1 U	
SW8260	BENZENE	ug/kg	1.2 U	1.8 U	2 U	1.5 U	1.4 U	1.5 U	1.3 U	1.4	
SW8260	CHLOROBENZENE	ug/kg	5.9 U	9 U	10 U	7.7 U	7.2 U	7.5 U	1.4 J	0.43 J	
SW8260	ETHYLBENZENE	ug/kg	1.2 U	1.8 U	2 U	1.5 U	1.4 U	1.5 U	1.9	0.61 J	
SW8260	NAPHTHALENE	ug/kg	3.1 J	5.7 J	10 U	7.7 U	7.2 U	7.5 U	5.4 J	28.9	
SW8260	O-XYLENE	ug/kg	1.2 U	1.6 J	2 U	1.5 U	1.4 U	1.5 U	2.4	2.2	
SW8260	TOLUENE	ug/kg	0.43 J	1.8 U	2 U	1.5 U	1.4 U	1.5 U	1.3	0.95 J	
SW8260	XYLENES, M & P	ug/kg	2.4 U	0.89 J	4.1 U	3.1 U	2.9 U	3 U	6.7	1.9 J	
SW8260	XYLENES, TOTAL	ug/kg	2.4 U	2.5 J	4.1 U	3.1 U	2.9 U	3 U	9.1	4.1	
SW8270	ACENAPHTHENE	ug/kg	313	978	110	4.4 U	8.66	4.1 U	720	1420	
SW8270	ACENAPHTHYLENE	ug/kg	219	631	78.1	4.4 U	6.8	4.1 U	676	976	
SW8270	ANTHRACENE	ug/kg	599	2470	599	10.1	24.7	4.1 U	1790	3210	
SW8270	BENZO(A)ANTHRACENE	ug/kg	1310	3460	1190	20.1	76.4	4.1 U	2820	5440	
SW8270	BENZO(A)PYRENE	ug/kg	1340	3350	1210	13.4	58.7	4.1 U	3240 J	3940 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	1140	2370	788	15.9	102	4.1 U	2310	2730	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	834	1950	726	10.2	43.2	4.1 U	1660	1760	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	917	1970	731	5.48	23.3	4.1 U	1260 J	1520 J	
SW8270	CHRYSENE	ug/kg	1530	3860	1240	14.2	64.7	4.1 U	2930 J	4000 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	269	567	179	4.4 U	12.7	4.1 U	615	738	
SW8270	FLUORANTHENE	ug/kg	2080	4530	1590	26.5	139	4.1 U	3900	6950	
SW8270	FLUORENE	ug/kg	309 J	953 J	172 J	4.4 U	9.05 J	4.1 U	357	1120	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	767	1670	575	7.97	43.2	4.1 U	1470 J	1540 J	
SW8270	PHENANTHRENE	ug/kg	2120	6280	1300	25	99.9	4.1 U	3730	6640	
SW8270	PHENOL	ug/kg									
SW8270	PYRENE	ug/kg	2520 J	7400 J	2440 J	34.7 J	126 J	4.1 U	5990	12300	
SW9045	pH	S.U.	7.7	7.27	7.47	7.38	7.42	7.7	8.21	7.89	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-60235	OL-VC-60235	OL-VC-60235	OL-VC-60235	OL-VC-60236	OL-VC-60236	OL-VC-60236	OL-VC-60236
		Sample Depth	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	0-1 Ft	1-2 Ft	1-2 Ft	2-3 Ft
		Field Sample ID	OL-0850-03	OL-0850-04	OL-0850-05	OL-0850-06	OL-0851-06	OL-0851-07	OL-0851-08	OL-0851-09
		Sample Date	7/29/2009	7/29/2009	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	JA24294	JA24294	JA24294	JA24294
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	61900	92000	7910	11400	472000	194000 J	233000 J	73700
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	70	56.3	62.3	59.9	66.7	37.7	39.1	56.7
SW7471	MERCURY	mg/kg	0.99	1.1	0.026 J	0.02 U	0.71	4.2 J	2.3 J	1.2
SW8082	AROCOLOR-1016	ug/kg	4.7 U	5.9 U	5.2 U	5.5 U	5 U	8.8 UJ	8.5 UJ	5.8 U
SW8082	AROCOLOR-1221	ug/kg	4.7 U	5.9 U	5.2 U	5.5 U	5 U	8.8 UJ	8.5 UJ	5.8 U
SW8082	AROCOLOR-1232	ug/kg	4.7 U	5.9 U	5.2 U	5.5 U	5 U	8.8 UJ	8.5 UJ	5.8 U
SW8082	AROCOLOR-1242	ug/kg	4.7 U	5.9 U	5.2 U	5.5 U	5 U	8.8 UJ	8.5 UJ	5.8 U
SW8082	AROCOLOR-1248	ug/kg	4.7 U	5.9 U	5.2 U	5.5 U	5 U	8.8 UJ	8.5 UJ	5.8 U
SW8082	AROCOLOR-1254	ug/kg	4.7 U	5.9 U	5.2 U	5.5 U	5 U	8.8 UJ	8.5 UJ	5.8 U
SW8082	AROCOLOR-1260	ug/kg	4.7 U	5.9 U	5.2 U	5.5 U	5 U	8.8 UJ	8.5 UJ	5.8 U
SW8082	AROCOLOR-1268	ug/kg	4.7 U	5.9 U	5.2 U	5.5 U	5 U	8.8 UJ	8.5 UJ	5.8 U
SW8082	PCBS, N.O.S.	ug/kg	4.7 U	5.9 U	5.2 U	5.5 U	5 U	8.8 UJ	8.5 UJ	5.8 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	7.1 U	8.7 U	8.4 U	8 U	7.3 U	13 UJ	12 UJ	8.8 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	7.1 U	8.7 U	8.4 U	8 U	7.3 U	13 UJ	12 UJ	8.8 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	7.1 U	8.7 U	8.4 U	8 U	7.3 U	13 UJ	12 UJ	8.8 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	7.1 U	8.7 U	8.4 U	8 U	7.3 U	13 UJ	12 UJ	8.8 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	7.1 U	8.7 U	8.4 U	8 U	7.3 U	13 UJ	12 UJ	8.8 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	7.1 U	8.7 U	8.4 U	8 U	7.3 U	13 UJ	12 UJ	8.8 U
SW8260	BENZENE	ug/kg	0.67 J	1.9	1.7 U	1.6 U	2.8	3 J	2.8 J	0.94 J
SW8260	CHLOROBENZENE	ug/kg	7.1 U	8.7 U	8.4 U	8 U	7.3 U	13 UJ	12 UJ	8.8 U
SW8260	ETHYLBENZENE	ug/kg	4.1	1.7 U	1.3 J	1.6 U	3.8	1.4 J	2.3 J	2.7
SW8260	NAPHTHALENE	ug/kg	187	164	17	8 U	56	31.3 J	59.4 J	8.3 J
SW8260	O-XYLENE	ug/kg	5	2	1.5 J	1.6 U	2.8	1.9 J	1.8 J	2.8
SW8260	TOLUENE	ug/kg	2.5	1.4 J	1.3 J	1.6 U	10.4	6.2 J	6 J	3.3
SW8260	XYLENES, M & P	ug/kg	13.5	2.1 J	4.3	3.2 U	8	2.8 J	2.6 J	9.2
SW8260	XYLENES, TOTAL	ug/kg	18.5	4.1	5.8	3.2 U	10.8	4.7 J	4.4 J	12
SW8270	ACENAPHTHENE	ug/kg	9210	11400	77.9	31.3	2450	2940 J	3120 J	3070
SW8270	ACENAPHTHYLENE	ug/kg	2550	3040	50 U	5.2 U	3750	3080 J	3130 J	1770
SW8270	ANTHRACENE	ug/kg	15600	55800	249	13.8	11600	15800 J	18300 J	24400
SW8270	BENZO(A)ANTHRACENE	ug/kg	14000	64500	188	22.6	27200	32300 J	34400 J	35700
SW8270	BENZO(A)PYRENE	ug/kg	13700 J	59900 J	222 J	14.8 J	28100	35100 J	40000 J	32200
SW8270	BENZO(B)FLUORANTHENE	ug/kg	9550	47500	141	20.2	24700	29400 J	33900 J	32900
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	6060	27700	109	9.01	13100	17000 J	22900 J	14500
SW8270	BENZO(K)FLUORANTHENE	ug/kg	3200 J	34800 J	171 J	8.15 J	8370	13600 J	14900 J	11200
SW8270	CHRYSENE	ug/kg	13500 J	57200 J	239 J	10.2 J	23600	26500 J	29500 J	28300
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	2800	8960	50.5	5.2 U	3870	5010 J	6110 J	4560
SW8270	FLUORANTHENE	ug/kg	20900	103000	495	31.1	39900	55900 J	62700 J	75100
SW8270	FLUORENE	ug/kg	8490	14800	52.6	5.2 U	3530	4150 J	4350 J	6200
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4370 J	27300 J	101 J	7.38 J	11200	15400 J	18900 J	14100
SW8270	PHENANTHRENE	ug/kg	35600	100000	463	41.3	21700	32700 J	37400 J	48100
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg	33800	102000	448	28.8	45800	54700 J	59900 J	61600
SW9045	pH	S.U.	7.97	7.8	7.85	7.64	10.6	9.02 J	8.72 J	9.8

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-60236	OL-VC-60236	OL-VC-60236	OL-VC-60237	OL-VC-60237	OL-VC-60237	OL-VC-60237	OL-VC-60237
		Sample Depth	3-4 Ft	4-5 Ft	5-5.8 Ft	0-1 Ft	1-2 Ft	1-2 Ft	2-3 Ft	3-4 Ft
		Field Sample ID	OL-0851-10	OL-0851-11	OL-0851-12	OL-0847-01	OL-0847-02	OL-0847-03	OL-0847-04	OL-0847-05
		Sample Date	7/29/2009	7/29/2009	7/29/2009	7/28/2009	7/28/2009	7/28/2009	7/28/2009	7/28/2009
		Sample Delivery Group	JA24294	JA24294	JA24294	JA24181	JA24181	JA24181	JA24181	JA24181
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
ASTM D4643-00	SOLIDS, PERCENT	%				57.3		53	69.2	60.2
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	4230	10900	10500	255000	151000	88000	21600	21200
SM2540G	PERCENT MOISTURE	%								
SM2540G	SOLIDS, PERCENT	%	65.2	60.6	51.8		50.4			
SW7471	MERCURY	mg/kg	0.02	0.027	0.025	3.3	2.1	1.5	0.53	0.38
SW8082	AROCOR-1016	ug/kg	5.1	5.5	6.3	5.8	6.6	6.3	4.7	5.4
SW8082	AROCOR-1221	ug/kg	5.1	5.5	6.3	5.8	6.6	6.3	4.7	5.4
SW8082	AROCOR-1232	ug/kg	5.1	5.5	6.3	5.8	6.6	6.3	4.7	5.4
SW8082	AROCOR-1242	ug/kg	5.1	5.5	6.3	5.8	6.6	6.3	4.7	5.4
SW8082	AROCOR-1248	ug/kg	5.1	5.5	6.3	37.1	6.6	6.3	4.7	5.4
SW8082	AROCOR-1254	ug/kg	5.1	5.5	6.3	20.9	6.6	6.3	4.7	5.4
SW8082	AROCOR-1260	ug/kg	5.1	5.5	6.3	5.8	6.6	6.3	4.7	5.4
SW8082	AROCOR-1268	ug/kg	5.1	5.5	6.3	5.8	6.6	6.3	4.7	5.4
SW8082	PCBS, N.O.S.	ug/kg	5.1	5.5	6.3	58	6.6	6.3	4.7	5.4
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	7.5	8.4	9.7	8.7	9.7	9.4	6.9	8.1
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	7.5	8.4	9.7	8.7	9.7	9.4	6.9	8.1
SW8260	1,2-DICHLOROBENZENE	ug/kg	7.5	8.4	9.7	4.4	9.7	9.4	6.9	8.1
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	7.5	8.4	9.7	8.7	9.7	9.4	6.9	8.1
SW8260	1,3-DICHLOROBENZENE	ug/kg	7.5	8.4	9.7	1	9.7	9.4	6.9	8.1
SW8260	1,4-DICHLOROBENZENE	ug/kg	7.5	8.4	9.7	7.3	9.7	9.4	6.9	8.1
SW8260	BENZENE	ug/kg	1.5	1.7	0.76	2.3	1.8	1.8	1.5	5.7
SW8260	CHLOROBENZENE	ug/kg	7.5	8.4	9.7	5.8	9.7	9.4	6.9	8.1
SW8260	ETHYLBENZENE	ug/kg	2.4	1.6	0.97	5	1.9	1.9	1.4	0.97
SW8260	NAPHTHALENE	ug/kg	2.7	2.5	9.7	25.9	8	11.6	20.8	12.5
SW8260	O-XYLENE	ug/kg	2.3	1.7	1.9	5.2	1.9	1.9	0.95	2.8
SW8260	TOLUENE	ug/kg	2.2	1.6	0.65	5.6	1.9	1.9	0.42	1.3
SW8260	XYLENES, M & P	ug/kg	8	5.1	1.1	15.1	3.9	3.8	0.91	1.7
SW8260	XYLENES, TOTAL	ug/kg	10.3	6.8	1.1	20.3	3.9	3.8	1.9	4.5
SW8270	ACENAPHTHENE	ug/kg	83.8	43	5.5	932	764	430	128	38.2
SW8270	ACENAPHTHYLENE	ug/kg	36	19.8	6.92	3870	1380	848	24.9	47
SW8270	ANTHRACENE	ug/kg	717	293	41.9	5290	3420	1170	284	106
SW8270	BENZO(A)ANTHRACENE	ug/kg	887	444	105	14700	6170	2890	404	120
SW8270	BENZO(A)PYRENE	ug/kg	776	415	85.9	15200	5960	4280	372	95.1
SW8270	BENZO(B)FLUORANTHENE	ug/kg	766	395	105	12200	4610	3060	425	197
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	336	190	53	7870	3740	2210	169	41.3
SW8270	BENZO(K)FLUORANTHENE	ug/kg	321	188	51.2	2820	1870	908	128	40.2
SW8270	CHRYSENE	ug/kg	704	372	67.4	12700	5320	2830	338	106
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	96.3	56.1	10.7	2380	1100	525	60.7	37.2
SW8270	FLUORANTHENE	ug/kg	2040	928	139	18400	7390	3420	776	264
SW8270	FLUORENE	ug/kg	145	71.5	10.3	1740	980	484	81.8	23.9
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	347	192	43.1	6360	3250	1860	184	43.4
SW8270	PHENANTHRENE	ug/kg	1280	555	99.7	8580	4910	2110	705	285
SW8270	PHENOL	ug/kg								
SW8270	PYRENE	ug/kg	1740	809	143	23400	9560	4520	629	198
SW9045	pH	S.U.	9.54	8.65	7.65	8.52	7.81	7.86	8.01	8.01

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		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	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	5-6 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	OL-0880-13	
		Sample Date	7/28/2009	7/28/2009	8/12/2009	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	JA25455	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical 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	7700	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%			66.3	54.5	55.3	57.1	56	60.9	
SW7471	MERCURY	mg/kg	0.023 J	0.024 U	0.069	0.029 J	0.019 U	0.02 U	0.019 U	0.019 U	
SW8082	AROCOR-1016	ug/kg	5.5 U	6.3 U	5 U	6 U	6 U	5.7 U	5.8 U	5.3 U	
SW8082	AROCOR-1221	ug/kg	5.5 U	6.3 U	5 U	6 U	6 U	5.7 U	5.8 U	5.3 U	
SW8082	AROCOR-1232	ug/kg	5.5 U	6.3 U	5 U	6 U	6 U	5.7 U	5.8 U	5.3 U	
SW8082	AROCOR-1242	ug/kg	5.5 U	6.3 U	5 U	6 U	6 U	5.7 U	5.8 U	5.3 U	
SW8082	AROCOR-1248	ug/kg	5.5 U	6.3 U	5 U	6 U	6 U	5.7 U	5.8 U	5.3 U	
SW8082	AROCOR-1254	ug/kg	5.5 U	6.3 U	5 U	6 U	6 U	14	5.8 U	5.3 U	
SW8082	AROCOR-1260	ug/kg	5.5 U	6.3 U	5 U	6 U	15300	8.2	5.8 U	5.3 U	
SW8082	AROCOR-1268	ug/kg	5.5 U	6.3 U	5 U	6 U	6 U	5.7 U	5.8 U	5.3 U	
SW8082	PCBS, N.O.S.	ug/kg	5.5 U	6.3 U	5 U	6 U	15300	22	5.8 U	5.3 U	
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	10 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.1 U	9.7 U	8.2 U	11 U	11 U	8.4 U	8.9 U	10 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	10 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.1 U	9.7 U	8.2 U	11 U	11 U	8.4 U	8.9 U	10 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	10 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	10 U	
SW8260	BENZENE	ug/kg	5	2.6	1.6 U	2.1 U	2.1 U	1.3 J	1.8 U	2 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	10 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	2 U	
SW8260	NAPHTHALENE	ug/kg	2.9 J	9.7 U	8.2 U	12.2	11 U	8.4 U	8.9 U	10 U	
SW8260	O-XYLENE	ug/kg	1.4 J	1.1 J	1.6 U	2.1 U	2.1 U	1.7 U	1.8 U	2 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	2 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	4 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	4 U	
SW8270	ACENAPHTHENE	ug/kg	10.5 J	11 U	365 J	17.4 J	5.2 U	5 U	5.1 U	4.7 U	
SW8270	ACENAPHTHYLENE	ug/kg	47 U	11 U	70.3 J	5.2 U	5.2 U	5 U	5.1 U	4.7 U	
SW8270	ANTHRACENE	ug/kg	61.1	11 U	1300 J	5.2 U	5.2 U	5 U	5.1 U	4.7 U	
SW8270	BENZO(A)ANTHRACENE	ug/kg	105	11 U	2070 J	5.2 U	5.2 U	5 U	5.1 U	4.7 U	
SW8270	BENZO(A)PYRENE	ug/kg	83.6	11 U	1510 J	5.2 U	5.2 U	5 U	5.1 U	4.7 U	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	193	11 U	904 J	5.2 U	5.2 U	5 U	5.1 U	4.7 U	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	35 J	11 U	739 J	5.2 U	5.2 U	5 U	5.1 U	4.7 U	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	36 J	11 U	861 J	5.2 U	5.2 U	5 U	5.1 U	4.7 U	
SW8270	CHRYSENE	ug/kg	92.4	11 U	1450 J	5.2 U	5.2 U	5 U	5.1 U	4.7 U	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	35.2 J	11 U	183 J	5.2 U	5.2 U	5 U	5.1 U	4.7 U	
SW8270	FLUORANTHENE	ug/kg	183	11 U	4230 J	9.38 J	5.2 U	5 U	5.1 U	4.7 U	
SW8270	FLUORENE	ug/kg	11.1 J	11 U	325 J	5.2 U	5.2 U	5 U	5.1 U	4.7 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	37.7 J	11 U	777 J	5.2 U	5.2 U	5 U	5.1 U	4.7 U	
SW8270	PHENANTHRENE	ug/kg	138 J	11 U	2070 J	5.2 U	5.2 U	5 U	5.1 U	4.7 U	
SW8270	PHENOL	ug/kg									
SW8270	PYRENE	ug/kg	133	11 U	2380 J	11.7 J	5.2 U	5 U	5.1 U	4.7 U	
SW9045	pH	S.U.	7.57	7.24	8.1	7.42	7.37	7.41	7.15	7.41	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-60243	OL-VC-60243	OL-VC-60243	OL-VC-60243	OL-VC-60243	OL-VC-60243	OL-VC-60243	OL-VC-60243	OL-VC-60244
		Sample Depth	0-1 Ft	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-0880-01	OL-0880-02	OL-0880-03	OL-0880-04	OL-0880-05	OL-0880-06	OL-0880-07	OL-0877-01	
		Sample Date	8/12/2009	8/12/2009	8/12/2009	8/12/2009	8/12/2009	8/12/2009	8/12/2009	8/11/2009	
		Sample Delivery Group	JA25455	JA25455	JA25455	JA25455	JA25455	JA25455	JA25455	JA25353	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	17500	4170	J 8780	J 19300	J 31700	J 11400	J 4160	J 3200	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	76.6	65.3	66.6	60.4	59.7	60.4	60	79.5	
SW7471	MERCURY	mg/kg	0.78	0.017	U 0.032	U 0.018	U 0.019	U 0.019	U 0.02	U 0.24	
SW8082	AROCOLOR-1016	ug/kg	4.2	5	U 4.9	U 5.4	U 5.5	U 5.4	U 5.5	U 4.1	
SW8082	AROCOLOR-1221	ug/kg	4.2	5	U 4.9	U 5.4	U 5.5	U 5.4	U 5.5	U 4.1	
SW8082	AROCOLOR-1232	ug/kg	4.2	5	U 4.9	U 5.4	U 5.5	U 5.4	U 5.5	U 4.1	
SW8082	AROCOLOR-1242	ug/kg	4.2	5	U 4.9	U 5.4	U 5.5	U 5.4	U 5.5	U 4.1	
SW8082	AROCOLOR-1248	ug/kg	4.2	5	U 4.9	U 5.4	U 5.5	U 5.4	U 5.5	U 4.1	
SW8082	AROCOLOR-1254	ug/kg	4.2	5	U 4.9	U 5.4	U 5.5	U 9.5	U 5.5	U 4.1	
SW8082	AROCOLOR-1260	ug/kg	4.2	5	U 4.9	U 5.4	U 5.5	U 5.4	U 5.5	U 4.1	
SW8082	AROCOLOR-1268	ug/kg	4.2	5	U 4.9	U 5.4	U 5.5	U 5.4	U 5.5	U 4.1	
SW8082	PCBS, N.O.S.	ug/kg	4.2	5	U 4.9	U 5.4	U 5.5	U 9.5	U 5.5	U 4.1	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	400	9.1	U 8.9	U 9.4	U 8.7	U 9.9	U 9.1	U 6	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	400	9.1	U 8.9	U 9.4	U 8.7	U 9.9	U 9.1	U 6	
SW8260	1,2-DICHLOROBENZENE	ug/kg	100	J 1.1	J 8.9	U 9.4	U 8.7	U 9.9	U 9.1	U 6	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	400	U 9.1	U 8.9	U 9.4	U 8.7	U 9.9	U 9.1	U 6	
SW8260	1,3-DICHLOROBENZENE	ug/kg	400	U 9.1	U 8.9	U 9.4	U 8.7	U 9.9	U 9.1	U 6	
SW8260	1,4-DICHLOROBENZENE	ug/kg	156	J 1.3	J 8.9	U 9.4	U 8.7	U 9.9	U 9.1	U 6	
SW8260	BENZENE	ug/kg	28.8	J 1.8	U 1.8	U 1.9	U 1.7	U 2	U 1.8	U 1.2	
SW8260	CHLOROBENZENE	ug/kg	77.2	J 2.2	J 8.9	U 9.4	U 8.7	U 9.9	U 9.1	U 6	
SW8260	ETHYLBENZENE	ug/kg	74.5	J 1.8	U 1.8	U 1.9	U 1.7	U 2	U 1.8	U 1.2	
SW8260	NAPHTHALENE	ug/kg	863	U 9.1	U 8.9	U 9.4	U 8.7	U 9.9	U 9.1	J 3.5	
SW8260	O-XYLENE	ug/kg	193	4.5	U 1.8	U 1.9	U 1.7	U 2	U 1.8	U 1.2	
SW8260	TOLUENE	ug/kg	65.7	J 1.8	U 1.8	U 1.9	U 1.7	U 2	U 1.8	U 1.2	
SW8260	XYLENES, M & P	ug/kg	55.4	J 3.6	U 3.6	U 3.8	U 3.5	U 3.9	U 3.6	U 2.4	
SW8260	XYLENES, TOTAL	ug/kg	248	4.5	U 3.6	U 3.8	U 3.5	U 3.9	U 3.6	U 2.4	
SW8270	ACENAPHTHENE	ug/kg	8150	779	J 1130	J 4.7	U 4.8	U 4.7	U 4.8	U 286	
SW8270	ACENAPHTHYLENE	ug/kg	840	J 83	J 230	J 4.7	U 4.8	U 4.7	U 4.8	U 36.5	
SW8270	ANTHRACENE	ug/kg	7290	J 585	J 1070	J 4.7	U 4.8	U 4.7	U 4.8	U 422	
SW8270	BENZO(A)ANTHRACENE	ug/kg	5150	J 375	J 903	J 4.7	U 4.8	U 4.7	U 4.8	U 530	
SW8270	BENZO(A)PYRENE	ug/kg	4090	J 287	J 793	J 4.7	U 4.8	U 4.7	U 4.8	U 443	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	3200	J 159	J 558	J 4.7	U 4.8	U 4.7	U 4.8	U 462	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	1810	J 124	J 457	J 4.7	U 4.8	U 4.7	U 4.8	U 223	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	1840	J 155	J 301	J 4.7	U 4.8	U 4.7	U 4.8	U 154	
SW8270	CHRYSENE	ug/kg	4700	J 338	J 929	J 4.7	U 4.8	U 4.7	U 4.8	U 441	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	706	J 36.7	J 190	J 4.7	U 4.8	U 4.7	U 4.8	U 77.8	
SW8270	FLUORANTHENE	ug/kg	9030	J 875	J 1430	J 4.7	U 4.8	U 4.7	U 4.8	U 1180	
SW8270	FLUORENE	ug/kg	4350	J 437	J 409	J 4.7	U 4.8	U 4.7	U 4.8	U 206	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	1330	J 98.2	J 327	J 4.7	U 4.8	U 4.7	U 4.8	U 204	
SW8270	PHENANTHRENE	ug/kg	18300	J 1480	J 1720	J 4.7	U 4.8	U 4.7	U 4.8	U 888	
SW8270	PHENOL	ug/kg									
SW8270	PYRENE	ug/kg	12000	J 982	J 2040	J 4.7	U 4.8	U 4.7	U 4.8	U 1070	
SW9045	pH	S.U.	7.97	7.95	8.06	8.02	7.57	7.4	7.25	7.63	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-60244	OL-VC-60244	OL-VC-60244	OL-VC-60244	OL-VC-60244	OL-VC-60244	OL-VC-60245	OL-VC-60245	OL-VC-60245
		Sample Depth	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	0-1 Ft	1-2 Ft	1-2 Ft	1-2 Ft
		Field Sample ID	OL-0877-02	OL-0877-03	OL-0877-04	OL-0877-05	OL-0877-06	OL-0877-07	OL-0877-08	OL-0877-09	OL-0877-09
		Sample Date	8/11/2009	8/11/2009	8/11/2009	8/11/2009	8/11/2009	8/11/2009	8/11/2009	8/11/2009	8/11/2009
		Sample Delivery Group	JA25353	JA25353	JA25353	JA25353	JA25353	JA25353	JA25353	JA25353	JA25353
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Field duplicate
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	9560	17000	23200	50900	20000	50800	47100	43000	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	67	58.4	56.2	55	51.7	64.7	54.5	54.9	
SW7471	MERCURY	mg/kg	0.034 J	R	R	R	R	2	2.4	2.4	
SW8082	AROCOLOR-1016	ug/kg	4.9 U	5.6 U	5.9 U	6 U	6.4 U	5.2 U	6.1 U	6.1 U	
SW8082	AROCOLOR-1221	ug/kg	4.9 U	5.6 U	5.9 U	6 U	6.4 U	5.2 U	6.1 U	6.1 U	
SW8082	AROCOLOR-1232	ug/kg	4.9 U	5.6 U	5.9 U	6 U	6.4 U	5.2 U	6.1 U	6.1 U	
SW8082	AROCOLOR-1242	ug/kg	4.9 U	5.6 U	5.9 U	6 U	6.4 U	5.2 U	6.1 U	6.1 U	
SW8082	AROCOLOR-1248	ug/kg	4.9 U	5.6 U	5.9 U	27.3	6.4 U	10.2 J	6.1 U	6.1 U	
SW8082	AROCOLOR-1254	ug/kg	4.9 U	5.6 U	5.9 U	15.1	6.4 U	18.2 J	6.1 U	6.1 U	
SW8082	AROCOLOR-1260	ug/kg	4.9 U	5.6 U	5.9 U	6 U	6.4 U	43.3	6.1 U	6.1 U	
SW8082	AROCOLOR-1268	ug/kg	4.9 U	5.6 U	5.9 U	6 U	6.4 U	5.2 U	6.1 U	6.1 U	
SW8082	PCBS, N.O.S.	ug/kg	4.9 U	5.6 U	5.9 U	42.4	6.4 U	71.7	6.1 U	6.1 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	7.8 U	8.6 U	8.6 U	9.3 U	9.5 U	7.2 U	670 U	19 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	7.8 U	8.6 U	8.6 U	9.3 U	9.5 U	7.2 U	670 U	19 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	7.8 U	8.6 U	8.6 U	9.3 U	9.5 U	1 J	670 U	19 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	7.8 U	8.6 U	8.6 U	9.3 U	9.5 U	7.2 U	670 U	19 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	7.8 U	8.6 U	8.6 U	9.3 U	9.5 U	0.61 J	670 U	19 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	7.8 U	8.6 U	8.6 U	9.3 U	9.5 U	2.8 J	670 U	19 U	
SW8260	BENZENE	ug/kg	1.6 U	1.7 U	1.7 U	1.9 U	1.9 U	1.4 U	130 U	9.2	
SW8260	CHLOROBENZENE	ug/kg	7.8 U	8.6 U	8.6 U	9.3 U	9.5 U	6.3 J	670 U	19 U	
SW8260	ETHYLBENZENE	ug/kg	1.6 U	1.7 U	1.7 U	1.9 U	1.9 U	0.62 J	442 J	123 J	
SW8260	NAPHTHALENE	ug/kg	8.5	1.6 J	8.6 U	9.3 U	9.5 U	1.2 J	58300 J	375 J	
SW8260	O-XYLENE	ug/kg	1.2 J	1.7 U	1.7 U	1.9 U	1.9 U	3.4	497 J	125 J	
SW8260	TOLUENE	ug/kg	1.6 U	1.7 U	1.7 U	1.9 U	1.9 U	1.4 U	94.4 J	12.1	
SW8260	XYLENES, M & P	ug/kg	3.1 U	3.4 U	3.4 U	3.7 U	3.8 U	2.2 J	251 J	52.5	
SW8260	XYLENES, TOTAL	ug/kg	1.2 J	3.4 U	3.4 U	3.7 U	3.8 U	5.6	749 J	178 J	
SW8270	ACENAPHTHENE	ug/kg	142	4.9 U	5.1 U	5.2 U	5.5 U	6080	19300	15000	
SW8270	ACENAPHTHYLENE	ug/kg	14.8	4.9 U	5.1 U	5.2 U	5.5 U	609	1380 J	807 J	
SW8270	ANTHRACENE	ug/kg	342	11.4	5.1 U	5.2 U	5.5 U	6130	16200	13000	
SW8270	BENZO(A)ANTHRACENE	ug/kg	388	10.4	5.1 U	5.2 U	5.5 U	3660	9460	7280	
SW8270	BENZO(A)PYRENE	ug/kg	299	5.35	5.1 U	5.2 U	5.5 U	3430	5780	3530	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	366	7.31	5.1 U	5.2 U	5.5 U	2880	3660	2470	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	140	4.9 U	5.1 U	5.2 U	5.5 U	1330	2010	1290	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	112	3.11 J	5.1 U	5.2 U	5.5 U	710	1170 J	654 J	
SW8270	CHRYSENE	ug/kg	310	6.67	5.1 U	5.2 U	5.5 U	3980	7680 J	4400 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	58.2	4.9 U	5.1 U	5.2 U	5.5 U	429	520	391	
SW8270	FLUORANTHENE	ug/kg	830	21.3	5.1 U	5.2 U	5.5 U	6890	14800	12100	
SW8270	FLUORENE	ug/kg	166	4.9 U	5.1 U	5.2 U	5.5 U	3900	10000	8210	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	158	4.9 U	5.1 U	5.2 U	5.5 U	1150	1550	934	
SW8270	PHENANTHRENE	ug/kg	834	22.7	5.1 U	5.2 U	5.5 U	17100	48000	39900	
SW8270	PHENOL	ug/kg									
SW8270	PYRENE	ug/kg	708	18.1	5.1 U	5.2 U	5.5 U	9970	25400	22200	
SW9045	pH	S.U.	7.42	7.15	7.12	7.02	6.96	7.37	7.21	6.95	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-60245	OL-VC-60245	OL-VC-60245	OL-VC-60245	OL-VC-60246	OL-VC-60246	OL-VC-60246	OL-VC-60246	OL-VC-60246
		Sample Depth	2-3 Ft	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-0877-10	OL-0877-11	OL-0877-12	OL-0877-13	OL-0880-14	OL-0880-15	OL-0880-16	OL-0880-17	
		Sample Date	8/11/2009	8/11/2009	8/11/2009	8/11/2009	8/12/2009	8/12/2009	8/12/2009	8/12/2009	
		Sample Delivery Group	JA25353	JA25353	JA25353	JA25353	JA25455	JA25455	JA25455	JA25455	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
ASTM D4643-00	SOLIDS, PERCENT	%									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	31100	24200	40000 J	20400 J	16100	13700	16400	18500	
SM2540G	PERCENT MOISTURE	%									
SM2540G	SOLIDS, PERCENT	%	57.9	60.3	48.6	48.5	75.7	60.3	57	62	
SW7471	MERCURY	mg/kg	3.3	0.65	0.085 J	0.024 J	0.37	0.018 U	0.02 U	0.018 U	
SW8082	AROCOLOR-1016	ug/kg	5.7 U	5.4 U	6.8 UJ	6.9 UJ	4.4 U	5.5 U	5.7 U	5.3 U	
SW8082	AROCOLOR-1221	ug/kg	5.7 U	5.4 U	6.8 UJ	6.9 UJ	4.4 U	5.5 U	5.7 U	5.3 U	
SW8082	AROCOLOR-1232	ug/kg	5.7 U	5.4 U	6.8 UJ	6.9 UJ	4.4 U	5.5 U	5.7 U	5.3 U	
SW8082	AROCOLOR-1242	ug/kg	5.7 U	5.4 U	6.8 UJ	6.9 UJ	4.4 U	5.5 U	34.8	5.3 U	
SW8082	AROCOLOR-1248	ug/kg	5.7 U	5.4 U	58.4 J	6.9 UJ	27.3	5.5 U	5.7 U	5.3 U	
SW8082	AROCOLOR-1254	ug/kg	5.7 U	5.4 U	22 J	6.9 UJ	32.6	5.5 U	5.7 U	5.3 U	
SW8082	AROCOLOR-1260	ug/kg	5.7 U	5.4 U	12.9 J	6.9 UJ	34.1	5.5 U	5.7 U	5.3 U	
SW8082	AROCOLOR-1268	ug/kg	5.7 U	5.4 U	6.8 UJ	6.9 UJ	4.4 U	5.5 U	5.7 U	5.3 U	
SW8082	PCBS, N.O.S.	ug/kg	5.7 U	5.4 U	93.3 J	6.9 UJ	94	5.5 U	34.8	5.3 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9 U	9.2 U	10 UJ	11 UJ	7.5 U	9.2 U	10 U	9.4 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9 U	9.2 U	10 UJ	11 UJ	7.5 U	9.2 U	10 U	9.4 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	9 U	9.2 U	10 UJ	11 UJ	7.5 U	9.2 U	10 U	9.4 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9 UJ	9.2 U	10 UJ	11 UJ	7.5 U	9.2 U	10 U	9.4 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	9 U	9.2 U	10 UJ	11 UJ	7.5 U	9.2 U	10 U	9.4 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	9 U	9.2 U	10 UJ	11 UJ	7.5 U	9.2 U	10 U	9.4 U	
SW8260	BENZENE	ug/kg	1.8 U	1.8 U	2.1 UJ	2.1 UJ	1.5 U	1.8 U	2 U	1.9 U	
SW8260	CHLOROBENZENE	ug/kg	9 U	9.2 U	10 UJ	11 UJ	7.5 U	9.2 U	10 U	9.4 U	
SW8260	ETHYLBENZENE	ug/kg	1.8 U	1.8 U	2.1 UJ	2.1 UJ	1.5 U	1.8 U	2 U	1.9 U	
SW8260	NAPHTHALENE	ug/kg	162	13.9	10 UJ	11 UJ	7.5 U	9.2 U	10 U	9.4 U	
SW8260	O-XYLENE	ug/kg	13.5	2.7	2.1 UJ	2.1 UJ	1.5 U	1.8 U	2 U	1.9 U	
SW8260	TOLUENE	ug/kg	1.8 U	1.8 U	2.1 UJ	2.1 UJ	1.5 U	1.8 U	2 U	1.9 U	
SW8260	XYLENES, M & P	ug/kg	1.6 J	3.7 U	4.1 UJ	4.2 UJ	3 U	3.7 U	4.1 U	3.8 U	
SW8260	XYLENES, TOTAL	ug/kg	15.1	2.7 J	4.1 UJ	4.2 UJ	3 U	3.7 U	4.1 U	3.8 U	
SW8270	ACENAPHTHENE	ug/kg	1300	1090	31 J	18.9 J	569	4.7 U	5 U	4.6 U	
SW8270	ACENAPHTHYLENE	ug/kg	196 J	130	5.9 UJ	5.9 UJ	378	4.7 U	5 U	4.6 U	
SW8270	ANTHRACENE	ug/kg	1780	1830	35.2 J	30.2 J	1650	4.7 U	5 U	4.6 U	
SW8270	BENZO(A)ANTHRACENE	ug/kg	2490	2110	44.7 J	47.8 J	3120	4.7 U	5 U	4.6 U	
SW8270	BENZO(A)PYRENE	ug/kg	2690	1570	28.4 J	32.2 J	2820	4.7 U	5 U	4.6 U	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	2300	1530	39.4 J	43.7 J	2450	4.7 U	5 U	4.6 U	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	1680	720	13.9 J	19.1 J	1390	4.7 U	5 U	4.6 U	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	773	656	9.83 J	11.5 J	2240	4.7 U	5 U	4.6 U	
SW8270	CHRYSENE	ug/kg	2720	1670	26.9 J	29 J	2970	4.7 U	5 U	4.6 U	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	362	247	5.9 UJ	5.86 J	505	4.7 U	5 U	4.6 U	
SW8270	FLUORANTHENE	ug/kg	4550	4210	67.1 J	67.9 J	6430	4.7 U	5 U	4.6 U	
SW8270	FLUORENE	ug/kg	677	858	17.4 J	13.7 J	817	4.7 U	5 U	4.6 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	932	661	13.4 J	16.9 J	1400	4.7 U	5 U	4.6 U	
SW8270	PHENANTHRENE	ug/kg	6000	4830	85.9 J	77.2 J	4110	4.7 U	5 U	4.6 U	
SW8270	PHENOL	ug/kg									
SW8270	PYRENE	ug/kg	6840	4080	79.2 J	84.6 J	4730	4.7 U	5 U	4.6 U	
SW9045	pH	S.U.	7.29	7.05	6.88 J	6.99 J	7.82	7.32	7.26	7.39	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		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	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	4-5 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	OL-0871-06	
		Sample Date	8/12/2009	8/12/2009	8/6/2009	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	JA25059	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	17000	23600	17700	7680	9520	10400	14100	14800	
SM2540G	SOLIDS, PERCENT	%	60.3	58.8	67.8	79.9	68.3	68	65.6	63.2	
SW7471	MERCURY	mg/kg	0.018 U	0.024 J	0.19	0.095	0.016 U	0.017 U	0.017 U	0.019 U	
SW8082	AROCOR-1016	ug/kg	5.5 U	5.7 U	4.9 U	4.1 U	4.8 U	4.8 U	5.1 U	5.2 U	
SW8082	AROCOR-1221	ug/kg	5.5 U	5.7 U	4.9 U	4.1 U	4.8 U	4.8 U	5.1 U	5.2 U	
SW8082	AROCOR-1232	ug/kg	5.5 U	5.7 U	4.9 U	4.1 U	4.8 U	4.8 U	5.1 U	5.2 U	
SW8082	AROCOR-1242	ug/kg	5.5 U	5.7 U	4.9 U	4.1 U	4.8 U	4.8 U	5.1 U	5.2 U	
SW8082	AROCOR-1248	ug/kg	5.5 U	5.7 U	4.9 U	4.1 U	4.8 U	4.8 U	5.1 U	5.2 U	
SW8082	AROCOR-1254	ug/kg	5.5 U	5.7 U	4.9 U	4.1 U	4.8 U	4.8 U	5.1 U	5.2 U	
SW8082	AROCOR-1260	ug/kg	5.5 U	5.7 U	4.9 U	4.1 U	4.8 U	4.8 U	71.1	5.2 U	
SW8082	AROCOR-1268	ug/kg	5.5 U	5.7 U	4.9 U	4.1 U	4.8 U	4.8 U	5.1 U	5.2 U	
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	5.2 U	
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 U	7.3 U	
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 U	7.3 U	
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 U	7.3 U	
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 U	7.3 U	
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 U	7.3 U	
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 U	7.3 U	
SW8260	BENZENE	ug/kg	1.9 U	1.9 U	1.5 U	1.3 U	1.4 U	1.4 U	1.6 U	1.5 U	
SW8260	CHLOROBENZENE	ug/kg	9.6 U	9.7 U	7.5 U	6.4 U	6.9 U	6.9 U	7.9 U	7.3 U	
SW8260	ETHYLBENZENE	ug/kg	1.9 U	1.9 U	1.5 U	1.3 U	1.4 U	1.4 U	1.6 U	1.5 U	
SW8260	NAPHTHALENE	ug/kg	9.6 U	9.7 U	6.7 J	6.9	4.2 J	6.9 U	7.9 U	7.3 U	
SW8260	O-XYLENE	ug/kg	1.9 U	1.9 U	1.9	1.3 U	1.4 U	1.4 U	1.6 U	1.5 U	
SW8260	TOLUENE	ug/kg	1.9 U	1.9 U	1.5 U	1.3 U	1.4 U	1.4 U	1.6 U	1.5 U	
SW8260	XYLENES, M & P	ug/kg	3.9 U	3.9 U	1.2 J	0.73 J	2.8 U	2.8 U	3.2 U	2.9 U	
SW8260	XYLENES, TOTAL	ug/kg	3.9 U	3.9 U	3.1	0.73 J	2.8 U	2.8 U	3.2 U	2.9 U	
SW8270	ACENAPHTHENE	ug/kg	4.7 U	4.9 U	2750	369	52.3 J	4.2 UJ	5.15	4.5 U	
SW8270	ACENAPHTHYLENE	ug/kg	4.7 U	4.9 U	516	118	18 J	4.2 UJ	4.3 U	4.5 U	
SW8270	ANTHRACENE	ug/kg	4.7 U	4.9 U	2390	764	73 J	7.29 J	4.81	4.5 U	
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.7 U	4.9 U	1350	815	75.2 J	10.9 J	4.3 U	4.5 U	
SW8270	BENZO(A)PYRENE	ug/kg	4.7 U	4.9 U	1030	652	37.3 J	4.2 UJ	4.3 U	4.5 U	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.7 U	4.9 U	811	609	51.7 J	4.2 UJ	4.3 U	4.5 U	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.7 U	4.9 U	425	243	17.2 J	4.2 UJ	4.3 U	4.5 U	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.7 U	4.9 U	305	271	14.9 J	4.2 UJ	4.3 U	4.5 U	
SW8270	CHRYSENE	ug/kg	4.7 U	4.9 U	1300	685	50.3 J	5.68 J	4.3 U	4.5 U	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.7 U	4.9 U	146	99.8	6.72 J	4.2 UJ	4.3 U	4.5 U	
SW8270	FLUORANTHENE	ug/kg	4.7 U	4.9 U	2520	1380	113 J	12 J	6.73	4.5 U	
SW8270	FLUORENE	ug/kg	4.7 U	4.9 U	1690	214	19.6 J	4.2 UJ	4.3 U	4.5 U	
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 U	4.5 U	
SW8270	PHENANTHRENE	ug/kg	4.7 U	4.9 U	6390	876	99.8 J	11.2 J	6.38	4.5 U	
SW8270	PYRENE	ug/kg	4.7 U	4.9 U	3510	1230	128 J	12.6 J	8.56	4.5 U	
SW9045	pH	S.U.	7.17	7.16	7.62	7.97	7.51	7.21	7.38	7.3	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-60247	OL-VC-60248	OL-VC-60248	OL-VC-60248	OL-VC-60248	OL-VC-60248	OL-VC-60248	OL-VC-60248	OL-VC-60249
		Sample Depth	5-6 Ft	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-0871-07	OL-0871-08	OL-0871-09	OL-0871-10	OL-0871-11	OL-0871-12	OL-0871-13	OL-0861-07	
		Sample Date	8/6/2009	8/6/2009	8/6/2009	8/6/2009	8/6/2009	8/6/2009	8/6/2009	8/4/2009	
		Sample Delivery Group	JA25059	JA25059	JA25059	JA25059	JA25059	JA25059	JA25059	JA24768	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	13900	28600	10900	14100	11700	14600	11100	62000	J
SM2540G	SOLIDS, PERCENT	%	62.1	70.8	76.2	61.4	67.7	59.4	67.8	47.5	
SW7471	MERCURY	mg/kg	0.017 U	1.2	0.11	0.018 U	0.015 U	0.025 J	0.016 U	1.6 J	
SW8082	AROCOR-1016	ug/kg	5.3 U	4.7 U	4.3 U	5.4 U	4.8 U	5.5 U	4.9 U	7 UJ	
SW8082	AROCOR-1221	ug/kg	5.3 U	4.7 U	4.3 U	5.4 U	4.8 U	5.5 U	4.9 U	7 UJ	
SW8082	AROCOR-1232	ug/kg	5.3 U	4.7 U	4.3 U	5.4 U	4.8 U	5.5 U	4.9 U	7 UJ	
SW8082	AROCOR-1242	ug/kg	5.3 U	4.7 U	4.3 U	5.4 U	4.8 U	5.5 U	4.9 U	7 UJ	
SW8082	AROCOR-1248	ug/kg	5.3 U	4.7 U	4.3 U	5.4 U	4.8 U	5.5 U	4.9 U	33.8 J	
SW8082	AROCOR-1254	ug/kg	5.3 U	4.7 U	4.3 U	5.4 U	4.8 U	5.5 U	4.9 U	51.7 J	
SW8082	AROCOR-1260	ug/kg	5.3 U	4.7 U	4.3 U	5.4 U	4.8 U	5.5 U	4.9 U	60 J	
SW8082	AROCOR-1268	ug/kg	5.3 U	4.7 U	4.3 U	5.4 U	4.8 U	5.5 U	4.9 U	7 UJ	
SW8082	PCBS, N.O.S.	ug/kg	5.3 U	4.7 U	4.3 U	5.4 U	4.8 U	5.5 U	4.9 U	146 J	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	7.6 U	430 U	6.4 U	7.8 U	7.5 U	8.3 U	7.7 U	3.7 J	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	7.6 U	430 U	6.4 U	7.8 U	7.5 U	8.3 U	7.7 U	11 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	7.6 U	430 U	6.4 U	7.8 U	7.5 U	8.3 U	7.7 U	2.2 J	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	7.6 U	430 U	6.4 UJ	7.8 U	7.5 U	8.3 U	7.7 U	11 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	7.6 U	430 U	6.4 U	7.8 U	7.5 U	8.3 U	7.7 U	11 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	7.6 U	430 U	6.4 U	7.8 U	7.5 U	8.3 U	7.7 U	1.8 J	
SW8260	BENZENE	ug/kg	1.5 U	87 U	1.3 U	1.6 U	1.5 U	1.7 U	1.5 U	11.4 J	
SW8260	CHLOROBENZENE	ug/kg	7.6 U	430 U	6.4 U	7.8 U	7.5 U	8.3 U	7.7 U	11 UJ	
SW8260	ETHYLBENZENE	ug/kg	1.5 U	87 U	1.3 U	1.6 U	1.5 U	1.7 U	1.5 U	1.8 J	
SW8260	NAPHTHALENE	ug/kg	7.6 U	4750	17.2	7.8 U	7.5 U	8.3 U	7.7 U	39.2 J	
SW8260	O-XYLENE	ug/kg	1.5 U	103	2.5	1.6 U	1.5 U	1.7 U	1.5 U	33.2 J	
SW8260	TOLUENE	ug/kg	1.5 U	87 U	1.3 U	1.6 U	1.5 U	1.7 U	1.5 U	1.4 J	
SW8260	XYLENES, M & P	ug/kg	3 U	78.9 J	1.5 J	3.1 U	3 U	3.3 U	3.1 U	11.1 J	
SW8260	XYLENES, TOTAL	ug/kg	3 U	182	4	3.1 U	3 U	3.3 U	3.1 U	44.3 J	
SW8270	ACENAPHTHENE	ug/kg	4.6 U	5940	782	77.3	10.8	4.8 U	4.1 U	2830 J	
SW8270	ACENAPHTHYLENE	ug/kg	4.6 U	1510	187	25.2	5.06	4.8 U	4.1 U	600 J	
SW8270	ANTHRACENE	ug/kg	4.6 U	6160	775	71.3	12.3	4.8 U	4.1 U	1860 J	
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.6 U	3580	617	67.7	16.7	4.8 U	4.1 U	1470 J	
SW8270	BENZO(A)PYRENE	ug/kg	4.6 U	2750	492	37.1	8.35	4.8 U	4.1 U	1220 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.6 U	2600	406	49.2	11	4.8 U	4.1 U	1330 J	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.6 U	1100	221	20.4	4.83	4.8 U	4.1 U	573 J	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.6 U	679	212	16.4	4.2	4.8 U	4.1 U	500 J	
SW8270	CHRYSENE	ug/kg	4.6 U	3350	567	55.5	11.5	4.8 U	4.1 U	1550 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.6 U	424	68.7	7.16	4.2 U	4.8 U	4.1 U	194 J	
SW8270	FLUORANTHENE	ug/kg	4.6 U	6580	1070	101	19.9	4.8 U	4.1 U	3480 J	
SW8270	FLUORENE	ug/kg	4.6 U	3850	597	49	7.1	4.8 U	4.1 U	1630 J	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.6 U	1020	197	20.4	4.7	4.8 U	4.1 U	529 J	
SW8270	PHENANTHRENE	ug/kg	4.6 U	15600	2060	201	35.5	4.8 U	4.1 U	6310 J	
SW8270	PYRENE	ug/kg	4.6 U	8880	1310	128	26.2	4.8 U	4.1 U	3790 J	
SW9045	pH	S.U.	7.17	7.57	7.57	7.06	7.06	7.05	7.37	7.29 J	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-60249	OL-VC-60249	OL-VC-60249	OL-VC-60249	OL-VC-60249	OL-VC-60250	OL-VC-60250	OL-VC-60250
		Sample Depth	1-2 Ft	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-0861-08	OL-0861-09	OL-0861-10	OL-0861-11	OL-0861-12	OL-0883-09	OL-0883-10	OL-0883-11
		Sample Date	8/4/2009	8/4/2009	8/4/2009	8/4/2009	8/4/2009	8/13/2009	8/13/2009	8/13/2009
		Sample Delivery Group	JA24768	JA24768	JA24768	JA24768	JA24768	JA25600	JA25600	JA25600
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	30500	11200	24300	26100	16400	60200	11500	27600
SM2540G	SOLIDS, PERCENT	%	59.6	59.7	58.4	59.9	56.7	59.9	72.9	54.9
SW7471	MERCURY	mg/kg	2.1	1.3	0.44	0.069		R 1.1	0.26	0.031 J
SW8082	AROCOR-1016	ug/kg	5.6 U	5.5 U	5.7 U	5.6 U	5.8 U	5.6 U	4.5 U	6 U
SW8082	AROCOR-1221	ug/kg	5.6 U	5.5 U	5.7 U	5.6 U	5.8 U	5.6 U	4.5 U	6 U
SW8082	AROCOR-1232	ug/kg	5.6 U	5.5 U	5.7 U	5.6 U	5.8 U	5.6 U	4.5 U	6 U
SW8082	AROCOR-1242	ug/kg	5.6 U	5.5 U	5.7 U	5.6 U	5.8 U	5.6 U	4.5 U	6 U
SW8082	AROCOR-1248	ug/kg	5.6 U	5.5 U	5.7 U	5.6 U	5.8 U	5.6 U	4.5 U	6 U
SW8082	AROCOR-1254	ug/kg	5.6 U	5.5 U	5.7 U	5.6 U	5.8 U	5.6 U	4.5 U	6 U
SW8082	AROCOR-1260	ug/kg	5.6 U	5.5 U	5.7 U	5.6 U	5.8 U	5.6 U	4.5 U	6 U
SW8082	AROCOR-1268	ug/kg	5.6 U	5.5 U	5.7 U	5.6 U	5.8 U	5.6 U	4.5 U	6 U
SW8082	PCBS, N.O.S.	ug/kg	5.6 U	5.5 U	5.7 U	5.6 U	5.8 U	5.6 U	4.5 U	6 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9.1 U	8.9 U	7.8 U	8.2 U	9.2 U	17 UJ	13 U	8.6 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9.1 U	8.9 U	7.8 U	8.2 U	9.2 U	17 UJ	13 U	8.6 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	1.1 J	8.9 U	7.8 U	8.2 U	9.2 U	2.1 J	13 U	8.6 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9.1 U	8.9 U	7.8 U	8.2 U	9.2 U	17 UJ	13 U	8.6 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	9.1 U	8.9 U	7.8 U	8.2 U	9.2 U	17 UJ	13 U	8.6 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	1.5 J	8.9 U	7.8 U	8.2 U	9.2 U	17 UJ	13 U	8.6 U
SW8260	BENZENE	ug/kg	8.5	2.3	1.6 U	1.6 U	1.8 U	6	1 J	1.7 U
SW8260	CHLOROBENZENE	ug/kg	1.3 J	0.6 J	7.8 U	8.2 U	0.83 J	17 U	13 U	8.6 U
SW8260	ETHYLBENZENE	ug/kg	5.4	1.6 J	1.6 U	1.6 U	1.8 U	53.7	140	4.4
SW8260	NAPHTHALENE	ug/kg	20800	5270	21	15.5	29.1	188000 J	4940	84.5
SW8260	O-XYLENE	ug/kg	46.2	21	1.4 J	1 J	1 J	74.6	87.9	15.8
SW8260	TOLUENE	ug/kg	3.3	1.2 J	1.6 U	1.6 U	1.8 U	4.4	2.3 J	0.58 J
SW8260	XYLENES, M & P	ug/kg	24.8	10.7	0.79 J	3.3 U	3.7 U	44	18.4	3.4
SW8260	XYLENES, TOTAL	ug/kg	71	31.7	2.2 J	1 J	1 J	119	106	19.2
SW8270	ACENAPHTHENE	ug/kg	3980	942	186	113	5.69	3670 J	603	86
SW8270	ACENAPHTHYLENE	ug/kg	897	390	59.6	27.6 J	5 U	195 J	109	5.2 U
SW8270	ANTHRACENE	ug/kg	3600	3120	350	157	5 U	2610	521	76.3
SW8270	BENZO(A)ANTHRACENE	ug/kg	2290	4320	633	140	5 U	1640	496	66.2
SW8270	BENZO(A)PYRENE	ug/kg	1580	3900	486	130	5 U	981 J	384	50.3
SW8270	BENZO(B)FLUORANTHENE	ug/kg	1160	3740	460	120	5 U	1040	264	87
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	617	1540	165	55.9	5 U	446 J	155	13.3
SW8270	BENZO(K)FLUORANTHENE	ug/kg	472	1350	194	45.3	5 U	484 J	195	17.8
SW8270	CHRYSENE	ug/kg	1940	3410	491	144	5 U	1600 J	436	42.2
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	202	532	71.5	48 U	5 U	170 J	56.9	5.2 U
SW8270	FLUORANTHENE	ug/kg	4290	8160	909	248	5 U	3190 J	705	140
SW8270	FLUORENE	ug/kg	2930	1170	233	95.7	5 U	2000 J	420	93.9
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	480	1570	168	51.2	5 U	515 J	141	10.9
SW8270	PHENANTHRENE	ug/kg	10900	6400	757	374	10.2	7490 J	1440	249
SW8270	PYRENE	ug/kg	5900	7450	853	283	5 U	3800 J	769	136
SW9045	pH	S.U.	7.26	7.4	6.9	7.42	7.35	7	7.54	6.84

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-60250	OL-VC-60250	OL-VC-60250	OL-VC-60250	OL-VC-60251	OL-VC-60251	OL-VC-60251	OL-VC-60251
		Sample Depth	3-4 Ft	4-5 Ft	5-6.1 Ft	5-6.1 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft
		Field Sample ID	OL-0883-12	OL-0883-13	OL-0883-14	OL-0883-15	OL-0884-09	OL-0884-10	OL-0884-11	OL-0884-12
		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	JA25600	JA25600	JA25600	JA25600	JA25601	JA25601	JA25601	JA25601
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	12100	14500	20900	19900	67500	61000	8420	21500
SM2540G	SOLIDS, PERCENT	%	60.2	61.9	60.4	63.9	50.7	55.9	67.4	60.8
SW7471	MERCURY	mg/kg	0.018 U	0.02 J	0.022 J	0.019 U	1.8	1.4	0.057	0.21
SW8082	AROCOR-1016	ug/kg	5.5 U	5.2 U	5.4 U	5.2 U	6.4 U	5.8 U	4.9 U	5.4 U
SW8082	AROCOR-1221	ug/kg	5.5 U	5.2 U	5.4 U	5.2 U	6.4 U	5.8 U	4.9 U	5.4 U
SW8082	AROCOR-1232	ug/kg	5.5 U	5.2 U	5.4 U	5.2 U	6.4 U	5.8 U	4.9 U	5.4 U
SW8082	AROCOR-1242	ug/kg	5.5 U	5.2 U	5.4 U	5.2 U	6.4 U	5.8 U	4.9 U	5.4 U
SW8082	AROCOR-1248	ug/kg	5.5 U	5.2 U	5.4 U	5.2 U	6.4 U	5.8 U	4.9 U	5.4 U
SW8082	AROCOR-1254	ug/kg	5.5 U	5.2 U	5.4 U	5.2 U	6.4 U	5.8 U	4.9 U	5.4 U
SW8082	AROCOR-1260	ug/kg	5.5 U	5.2 U	5.4 U	5.2 U	6.4 U	5.8 U	4.9 U	5.4 U
SW8082	AROCOR-1268	ug/kg	5.5 U	5.2 U	5.4 U	5.2 U	6.4 U	5.8 U	4.9 U	5.4 U
SW8082	PCBS, N.O.S.	ug/kg	5.5 U	5.2 U	5.4 U	5.2 U	6.4 U	5.8 U	4.9 U	5.4 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	7.8 U	7.9 U	7.7 U	7.7 U	20 U	45 U	7.4 U	7.9 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	7.8 U	7.9 U	7.7 U	7.7 U	20 U	45 U	7.4 U	7.9 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	7.8 U	7.9 U	7.7 U	7.7 U	4.8 J	9.4 J	7.4 U	7.9 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	7.8 U	7.9 U	7.7 U	7.7 U	20 U	45 U	7.4 U	7.9 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	7.8 U	7.9 U	7.7 U	7.7 U	20 U	45 U	7.4 U	7.9 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	7.8 U	7.9 U	7.7 U	7.7 U	6.1 J	8.6 J	7.4 U	7.9 U
SW8260	BENZENE	ug/kg	1.6 U	1.6 U	1.5 U	1.5 U	26.9	20.7	1.5 U	1.6 U
SW8260	CHLOROBENZENE	ug/kg	7.8 U	7.9 U	7.7 U	7.7 U	20 U	3.2 J	7.4 U	7.9 U
SW8260	ETHYLBENZENE	ug/kg	1.6 U	1.6 U	1.5 U	1.5 U	756	673	1.2 J	1.2 J
SW8260	NAPHTHALENE	ug/kg	3.2 J	7.9 U	7.7 U	7.7 U	95800	14200	49.4	3.6 J
SW8260	O-XYLENE	ug/kg	3	1.6 U	1.5 U	1.5 U	582	1200	2.1	1.8
SW8260	TOLUENE	ug/kg	0.55 J	1.6 U	1.5 U	1.5 U	25.4	78	1.5 U	1.6 U
SW8260	XYLENES, M & P	ug/kg	1 J	3.2 U	3.1 U	3.1 U	230	676	1.1 J	0.76 J
SW8260	XYLENES, TOTAL	ug/kg	4	3.2 U	3.1 U	3.1 U	812	1880	3.2	2.6 J
SW8270	ACENAPHTHENE	ug/kg	4.7 U	4.6 U	4.7 U	4.5 U	13100	16400	473	64.4
SW8270	ACENAPHTHYLENE	ug/kg	4.7 U	4.6 U	4.7 U	4.5 U	2080	1990	123	10.7
SW8270	ANTHRACENE	ug/kg	4.7 U	4.6 U	4.7 U	4.5 U	10900	7710	1420	231
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.7 U	4.6 U	4.7 U	4.5 U	7070	3540	1610	322
SW8270	BENZO(A)PYRENE	ug/kg	4.7 U	4.6 U	4.7 U	4.5 U	4600	3310	1020	180
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.7 U	4.6 U	4.7 U	4.5 U	3550	2110	826	220
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.7 U	4.6 U	4.7 U	4.5 U	1640	1140	326	70
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.7 U	4.6 U	4.7 U	4.5 U	2180	1330	709	113
SW8270	CHRYSENE	ug/kg	4.7 U	4.6 U	4.7 U	4.5 U	7210	3740	1320	188
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.7 U	4.6 U	4.7 U	4.5 U	750	567	153	23.1
SW8270	FLUORANTHENE	ug/kg	4.7 U	4.6 U	4.7 U	4.5 U	11300	7440	3120	647
SW8270	FLUORENE	ug/kg	4.7 U	4.6 U	4.7 U	4.5 U	9180	10300	1030	141
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.7 U	4.6 U	4.7 U	4.5 U	1650	1080	377	72.2
SW8270	PHENANTHRENE	ug/kg	4.7 U	4.6 U	4.7 U	4.5 U	31600	33500	3190	577
SW8270	PYRENE	ug/kg	4.7 U	4.6 U	4.7 U	4.5 U	14900	10400	2500	457
SW9045	pH	S.U.	7.11	7.01	6.89	6.86	7.19	7.24	7.22	7.02

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-60251	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	4-5 Ft	5-6 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	3-4 Ft	4-5 Ft	4-5 Ft
		Field Sample ID	OL-0884-13	OL-0884-14	OL-0884-02	OL-0884-03	OL-0884-04	OL-0884-05	OL-0884-06	OL-0884-07	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	8/13/2009
		Sample Delivery Group	JA25601	JA25601	JA25601	JA25601	JA25601	JA25601	JA25601	JA25601	JA25601
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	21000	30100	43700	22100	12800	18800	16600	17300	17300
SM2540G	SOLIDS, PERCENT	%	56.8	55.6	56.8	59.6	71.5	59.7	64.1	62.2	62.2
SW7471	MERCURY	mg/kg	0.071	0.071	1.6	1.6	0.091	0.3	0.46	0.23	0.23
SW8082	AROCOR-1016	ug/kg	5.8 U	5.9 U	5.8 U	5.5 U	4.6 U	5.5 U	5.1 U	5.3 U	5.3 U
SW8082	AROCOR-1221	ug/kg	5.8 U	5.9 U	5.8 U	5.5 U	4.6 U	5.5 U	5.1 U	5.3 U	5.3 U
SW8082	AROCOR-1232	ug/kg	5.8 U	5.9 U	5.8 U	5.5 U	4.6 U	5.5 U	5.1 U	5.3 U	5.3 U
SW8082	AROCOR-1242	ug/kg	5.8 U	5.9 U	5.8 U	5.5 U	4.6 U	5.5 U	5.1 U	5.3 U	5.3 U
SW8082	AROCOR-1248	ug/kg	5.8 U	7.6	7.5 J	5.5 U	4.6 U	5.5 U	5.1 U	5.3 U	5.3 U
SW8082	AROCOR-1254	ug/kg	5.8 U	6.3	11.9	5.5 U	4.6 U	5.5 U	5.1 U	5.3 U	5.3 U
SW8082	AROCOR-1260	ug/kg	5.8 U	5.9 U	16.1	5.5 U	4.6 U	5.5 U	5.1 U	5.3 U	5.3 U
SW8082	AROCOR-1268	ug/kg	5.8 U	5.9 U	5.8 U	5.5 U	4.6 U	5.5 U	5.1 U	5.3 U	5.3 U
SW8082	PCBS, N.O.S.	ug/kg	5.8 U	13.9	35.5	5.5 U	4.6 U	5.5 U	5.1 U	5.3 U	5.3 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.6 U	9 U	17 U	7.6 U	7 U	8.2 U	7.4 U	7.9 U	7.9 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.6 U	9 U	17 U	7.6 U	7 U	8.2 U	7.4 U	7.9 U	7.9 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.6 U	9 U	3.7 J	7.6 U	7 U	8.2 U	7.4 U	7.9 U	7.9 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.6 U	9 U	17 U	7.6 U	7 U	8.2 U	7.4 U	7.9 U	7.9 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.6 U	9 U	17 U	7.6 U	7 U	8.2 U	7.4 U	7.9 U	7.9 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.6 U	9 U	4.8 J	7.6 U	7 U	8.2 U	7.4 U	7.9 U	7.9 U
SW8260	BENZENE	ug/kg	1.7 U	1.8 U	21.2	6.6	1.4 U	1.6 U	1.5 U	1.6 U	1.6 U
SW8260	CHLOROBENZENE	ug/kg	8.6 U	9 U	2.1 J	7.6 U	7 U	8.2 U	7.4 U	7.9 U	7.9 U
SW8260	ETHYLBENZENE	ug/kg	1.7 U	1.8 U	507	14.9	1.4 U	1.6 U	1.5 U	1.6 U	1.6 U
SW8260	NAPHTHALENE	ug/kg	8.6 U	9 U	39900	15900	17.5	7.1 J	4.3 J	1.3 J	1.3 J
SW8260	O-XYLENE	ug/kg	1.7 U	1.8 U	357	76.9	2.8	1.6 U	1.1 J	1.6 U	1.6 U
SW8260	TOLUENE	ug/kg	1.7 U	1.8 U	18.1	2.5	1.4 U	0.51 J	1.5 U	1.6 U	1.6 U
SW8260	XYLENES, M & P	ug/kg	3.5 U	3.6 U	136	18.8	2.4 J	1.3 J	2.9 U	3.2 U	3.2 U
SW8260	XYLENES, TOTAL	ug/kg	3.5 U	3.6 U	494	95.7	5.2	1.3 J	1.1 J	3.2 U	3.2 U
SW8270	ACENAPHTHENE	ug/kg	18	5.1 U	10100	2550	785 J	239 J	89.5 J	45.7	45.7
SW8270	ACENAPHTHYLENE	ug/kg	5 U	5.1 U	1400	365	92.5 J	56.8 J	21.4 J	6.48	6.48
SW8270	ANTHRACENE	ug/kg	17.5	5.1 U	4380	2440	2270 J	475 J	156 J	157	157
SW8270	BENZO(A)ANTHRACENE	ug/kg	11.4	5.1 U	4300	2380	2330 J	751 J	454 J	221	221
SW8270	BENZO(A)PYRENE	ug/kg	5 U	5.1 U	2820	1910	1460 J	589 J	352 J	133	133
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5 U	5.1 U	1660	1390	1210 J	380 J	390 J	214	214
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5 U	5.1 U	1050	803	414 J	226 J	138 J	49.7	49.7
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5 U	5.1 U	1640	1090	1060 J	524 J	239 J	70.1	70.1
SW8270	CHRYSENE	ug/kg	6.63	5.1 U	4440	2290	1990 J	636 J	396 J	139	139
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5 U	5.1 U	450	275	184 J	80 J	47.7 J	16	16
SW8270	FLUORANTHENE	ug/kg	16.1	5.1 U	5030	4370	3710 J	1430 J	735 J	401	401
SW8270	FLUORENE	ug/kg	9.89	5.1 U	6530	2060	1400 J	353 J	177 J	111	111
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5 U	5.1 U	961	701	478 J	250 J	126 J	47.8	47.8
SW8270	PHENANTHRENE	ug/kg	47	5.1 U	20500	9170	5100 J	1130 J	663 J	348	348
SW8270	PYRENE	ug/kg	22.6	5.1 U	6940	5710	3970 J	1070 J	597 J	286	286
SW9045	pH	S.U.	7.26	7.23	7.21	7.35	7.13	7.35	7.28	7.2	7.2

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-60252	OL-VC-60253	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	4-5 Ft	5-6 Ft
		Field Sample ID	OL-0884-08	OL-0882-01	OL-0882-02	OL-0882-03	OL-0882-04	OL-0882-05	OL-0882-06	OL-0882-07
		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	JA25599	JA25599	JA25599	JA25599	JA25599	JA25599	JA25599	JA25599
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	21300	28600	7850	8990	14000	11000	12900	19600
SM2540G	SOLIDS, PERCENT	%	57.1	55.5	55.3	52.6	53.5	54.3	52.9	51
SW7471	MERCURY	mg/kg	0.15	0.019 U	0.023 J	0.023 U	0.022 U	0.02 U	0.021 U	0.024 U
SW8082	AROCOR-1016	ug/kg	5.7 U	6 U	5.9 UJ	6.2 U	6.2 U	6.1 U	6.2 U	6.4 U
SW8082	AROCOR-1221	ug/kg	5.7 U	6 U	5.9 UJ	6.2 U	6.2 U	6.1 U	6.2 U	6.4 U
SW8082	AROCOR-1232	ug/kg	5.7 U	6 U	5.9 UJ	6.2 U	6.2 U	6.1 U	6.2 U	6.4 U
SW8082	AROCOR-1242	ug/kg	5.7 U	6 U	5.9 UJ	6.2 U	6.2 U	6.1 U	6.2 U	6.4 U
SW8082	AROCOR-1248	ug/kg	5.7 U	6 U	5.9 UJ	6.2 U	6.2 U	6.1 U	6.2 U	6.4 U
SW8082	AROCOR-1254	ug/kg	5.7 U	6 U	5.9 UJ	6.2 U	6.2 U	12.5	6.2 U	6.4 U
SW8082	AROCOR-1260	ug/kg	5.7 U	6 U	5.9 UJ	6.2 U	6.2 U	6.1 U	6.2 U	6.4 U
SW8082	AROCOR-1268	ug/kg	5.7 U	6 U	5.9 UJ	6.2 U	6.2 U	6.1 U	6.2 U	6.4 U
SW8082	PCBS, N.O.S.	ug/kg	5.7 U	6 U	5.9 UJ	8.4	6.2 U	12.5	6.2 U	6.4 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.9 U	9 U	9.4 U	10 UJ	9.9 UJ	9 UJ	9.6 U	10 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.9 U	9 U	9.4 U	10 U	9.9 U	9 U	9.6 U	10 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.9 U	9 U	9.4 U	10 U	9.9 U	9 U	9.6 U	10 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.9 U	9 U	9.4 U	10 UJ	9.9 UJ	9 UJ	9.6 U	10 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.9 U	9 U	9.4 U	10 U	9.9 U	9 U	9.6 U	10 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.9 U	9 U	9.4 U	10 U	9.9 U	9 U	9.6 U	10 U
SW8260	BENZENE	ug/kg	1.8 U	1.8 U	1.9 U	2 U	2 U	1.8 U	1.9 U	2 U
SW8260	CHLOROBENZENE	ug/kg	8.9 U	9 U	9.4 U	10 U	9.9 U	9 U	9.6 U	10 U
SW8260	ETHYLBENZENE	ug/kg	1.8 U	1.8 U	1.9 U	2 U	2 U	1.8 U	1.9 U	2 U
SW8260	NAPHTHALENE	ug/kg	8.9 U	9 U	9.4 U	10 U	9.9 U	9 U	9.6 U	10 U
SW8260	O-XYLENE	ug/kg	1.8 U	1.8 U	1.9 U	2 U	2 U	1.8 U	1.9 U	2 U
SW8260	TOLUENE	ug/kg	1.8 U	1.8 U	1.9 U	2 U	2 U	1.8 U	1.9 U	2 U
SW8260	XYLENES, M & P	ug/kg	3.6 U	3.6 U	3.8 U	4 U	4 U	3.6 U	3.9 U	4.1 U
SW8260	XYLENES, TOTAL	ug/kg	3.6 U	3.6 U	3.8 U	4 U	4 U	3.6 U	3.9 U	4.1 U
SW8270	ACENAPHTHENE	ug/kg	7.75	12.1	5.2 U	5.4 U	5.3 U	5.2 U	5.3 U	5.6 U
SW8270	ACENAPHTHYLENE	ug/kg	17.4	5.1 U	5.2 U	5.4 U	5.3 U	5.2 U	5.3 U	5.6 U
SW8270	ANTHRACENE	ug/kg	5 U	5.1 U	5.2 U	5.4 U	5.3 U	5.2 U	5.3 U	5.6 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	5 U	19.3	5.2 U	5.4 U	5.3 U	5.2 U	5.3 U	5.6 U
SW8270	BENZO(A)PYRENE	ug/kg	5 U	6.42	5.2 U	5.4 U	5.3 U	5.2 U	5.3 U	5.6 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5 U	12	5.2 U	5.4 U	5.3 U	5.2 U	5.3 U	5.6 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	5.3 U	5.6 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5 U	6.27	5.2 U	5.4 U	5.3 U	5.2 U	5.3 U	5.6 U
SW8270	CHRYSENE	ug/kg	5 U	6	5.2 U	5.4 U	5.3 U	5.2 U	5.3 U	5.6 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	5.3 U	5.6 U
SW8270	FLUORANTHENE	ug/kg	6.31	14.3	5.2 U	5.4 U	5.3 U	5.2 U	5.3 U	5.6 U
SW8270	FLUORENE	ug/kg	5 U	5.1 U	5.2 U	5.4 U	5.3 U	5.2 U	5.3 U	5.6 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	5.3 U	5.6 U
SW8270	PHENANTHRENE	ug/kg	8.62	10.7	5.2 U	5.4 U	5.3 U	5.2 U	5.3 U	5.6 U
SW8270	PYRENE	ug/kg	6.63	11.9	5.2 U	5.4 U	5.3 U	5.2 U	5.3 U	5.6 U
SW9045	pH	S.U.	7.18	7.41	7.26	7.26	7.1	6.93	7.01	7.06

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-60253	OL-VC-60253	OL-VC-60260	OL-VC-60260	OL-VC-60260	OL-VC-60260	OL-VC-60260	OL-VC-60260
		Sample Depth	6-7 Ft	7-8 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-5.7 Ft
		Field Sample ID	OL-0882-08	OL-0882-09	OL-0883-16	OL-0883-17	OL-0883-18	OL-0883-19	OL-0883-20	OL-0884-01
		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	JA25599	JA25599	JA25600	JA25600	JA25600	JA25600	JA25600	JA25601
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	14700 J	16500 J	8640	15600	12700 J	21700 J	24400	20500
SM2540G	SOLIDS, PERCENT	%	50	47.9	61.6	54.4	49.3	48.4	50.6	53.1
SW7471	MERCURY	mg/kg	0.023 UJ	0.5 J	0.025 J	0.076	0.021 UJ	0.039 J	0.025 J	0.022 U
SW8082	AROCOR-1016	ug/kg	6.7 UJ	6.9 UJ	5.4 U	6.1 U	6.6 UJ	6.9 UJ	6.6 U	6.3 U
SW8082	AROCOR-1221	ug/kg	6.7 UJ	6.9 UJ	5.4 U	6.1 U	6.6 UJ	6.9 UJ	6.6 U	6.3 U
SW8082	AROCOR-1232	ug/kg	6.7 UJ	6.9 UJ	5.4 U	6.1 U	6.6 UJ	6.9 UJ	6.6 U	6.3 U
SW8082	AROCOR-1242	ug/kg	6.7 UJ	6.9 UJ	5.4 U	6.1 U	6.6 UJ	6.9 UJ	6.6 U	6.3 U
SW8082	AROCOR-1248	ug/kg	6.7 UJ	6.9 UJ	5.4 U	6.1 U	6.6 UJ	6.9 UJ	6.6 U	6.3 U
SW8082	AROCOR-1254	ug/kg	6.7 UJ	6.9 UJ	5.4 U	6.1 U	6.6 UJ	6.9 UJ	6.6 U	6.3 U
SW8082	AROCOR-1260	ug/kg	6.7 UJ	6.9 UJ	5.4 U	6.1 U	6.6 UJ	6.9 UJ	6.6 U	6.3 U
SW8082	AROCOR-1268	ug/kg	6.7 UJ	6.9 UJ	5.4 U	6.1 U	6.6 UJ	6.9 UJ	6.6 U	6.3 U
SW8082	PCBS, N.O.S.	ug/kg	6.7 UJ	6.9 UJ	5.4 U	6.1 U	6.6 UJ	6.9 UJ	6.6 U	6.3 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	10 UJ	10 UJ	7.7 U	9.2 U	10 UJ	10 UJ	9.5 U	9.2 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	10 UJ	10 UJ	7.7 U	9.2 U	10 UJ	10 UJ	9.5 U	9.2 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	10 UJ	10 UJ	7.7 U	9.2 U	10 UJ	10 UJ	9.5 U	9.2 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	10 UJ	10 UJ	7.7 U	9.2 U	10 UJ	10 UJ	9.5 U	9.2 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	10 UJ	10 UJ	7.7 U	9.2 U	10 UJ	10 UJ	9.5 U	9.2 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	10 UJ	10 UJ	7.7 U	9.2 U	10 UJ	10 UJ	9.5 U	9.2 U
SW8260	BENZENE	ug/kg	2.1 UJ	2 UJ	1.5 U	1.8 U	2.1 UJ	2.1 UJ	1.9 U	1.8 U
SW8260	CHLOROBENZENE	ug/kg	10 UJ	10 UJ	7.7 U	9.2 U	10 UJ	10 UJ	9.5 U	9.2 U
SW8260	ETHYLBENZENE	ug/kg	2.1 UJ	2 UJ	1.5 U	1.8 U	2.1 UJ	2.1 UJ	1.9 U	1.8 U
SW8260	NAPHTHALENE	ug/kg	10 UJ	10 UJ	7.7 U	9.2 U	10 UJ	10 UJ	9.5 U	9.2 U
SW8260	O-XYLENE	ug/kg	2.1 UJ	2 UJ	1.5 U	1.8 U	2.1 UJ	2.1 UJ	1.9 U	1.8 U
SW8260	TOLUENE	ug/kg	2.1 UJ	0.78 J	1.5 U	1.8 U	2.1 UJ	2.1 UJ	1.9 U	1.8 U
SW8260	XYLENES, M & P	ug/kg	4.2 UJ	4 UJ	3.1 U	3.7 U	4.1 UJ	4.1 UJ	3.8 U	3.7 U
SW8260	XYLENES, TOTAL	ug/kg	4.2 UJ	4 UJ	3.1 U	3.7 U	4.1 UJ	4.1 UJ	3.8 U	3.7 U
SW8270	ACENAPHTHENE	ug/kg	5.7 UJ	5.9 UJ	4.6 U	5.3 U	5.7 UJ	5.9 UJ	5.6 U	5.4 U
SW8270	ACENAPHTHYLENE	ug/kg	5.7 UJ	5.9 UJ	4.6 U	5.3 U	5.7 UJ	5.9 UJ	5.6 U	5.4 U
SW8270	ANTHRACENE	ug/kg	5.7 UJ	5.9 UJ	5.54	10.6	5.7 UJ	5.9 UJ	5.6 U	5.4 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	5.7 UJ	5.9 UJ	23	30.5	5.7 UJ	5.9 UJ	5.6 U	5.4 U
SW8270	BENZO(A)PYRENE	ug/kg	5.7 UJ	5.9 UJ	18.9	18.9	5.7 UJ	5.9 UJ	5.6 U	5.4 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5.7 UJ	5.9 UJ	29.4	30.3	5.7 UJ	5.9 UJ	5.6 U	5.4 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5.7 UJ	5.9 UJ	12.7	7.47	5.7 UJ	5.9 UJ	5.6 U	5.4 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.7 UJ	5.9 UJ	9.08	7.1	5.7 UJ	5.9 UJ	5.6 U	5.4 U
SW8270	CHRYSENE	ug/kg	5.7 UJ	5.9 UJ	22.5	19.3	5.7 UJ	5.9 UJ	5.6 U	5.4 U
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.7 UJ	5.9 UJ	4.94	5.3 U	5.7 UJ	5.9 UJ	5.6 U	5.4 U
SW8270	FLUORANTHENE	ug/kg	5.7 UJ	5.9 UJ	37.9	42.2	5.7 UJ	5.9 UJ	5.6 U	5.4 U
SW8270	FLUORENE	ug/kg	5.7 UJ	5.9 UJ	4.6 U	5.3 U	5.7 UJ	5.9 UJ	5.6 U	5.4 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5.7 UJ	5.9 UJ	11.9	7.36	5.7 UJ	5.9 UJ	5.6 U	5.4 U
SW8270	PHENANTHRENE	ug/kg	5.7 UJ	5.9 UJ	12.7	27	5.7 UJ	5.9 UJ	5.6 U	5.4 U
SW8270	PYRENE	ug/kg	5.7 UJ	5.9 UJ	38.2	37.8	5.7 UJ	5.9 UJ	5.6 U	5.4 U
SW9045	pH	S.U.	6.93 J	7.09 J	7.57	6.83	6.78 J	6.84 J	7.06	7.19

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-60261	OL-VC-60261	OL-VC-60261	OL-VC-60261	OL-VC-60261	OL-VC-60261	OL-VC-60261	OL-VC-70126	OL-VC-70126
		Sample Depth	0-1 Ft	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-0880-20	OL-0881-01	OL-0881-02	OL-0881-03	OL-0881-04	OL-0881-05	OL-0850-07	OL-0850-08	
		Sample Date	8/12/2009	8/12/2009	8/12/2009	8/12/2009	8/12/2009	8/12/2009	7/29/2009	7/29/2009	
		Sample Delivery Group	JA25455	JA25454	JA25454	JA25454	JA25454	JA25454	JA24295	JA24295	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	12900	12200	11300	12800	18900	20100	198000	186000	J
SM2540G	SOLIDS, PERCENT	%	56.5	61	60.8	58.7	52.9	51.4	62.8	69.8	
SW7471	MERCURY	mg/kg	0.42	0.13 J	0.05 J	0.12 J	0.11 J	0.11 J	4.1	1.3	
SW8082	AROCOR-1016	ug/kg	5.8 U	5.4 U	5.4 U	5.6 U	6.2 U	6.4 U	5.2 U	4.8 U	
SW8082	AROCOR-1221	ug/kg	5.8 U	5.4 U	5.4 U	5.6 U	6.2 U	6.4 U	5.2 U	4.8 U	
SW8082	AROCOR-1232	ug/kg	5.8 U	5.4 U	5.4 U	5.6 U	6.2 U	6.4 U	5.2 U	4.8 U	
SW8082	AROCOR-1242	ug/kg	5.8 U	5.4 U	5.4 U	5.6 U	6.2 U	6.4 U	5.2 U	4.8 U	
SW8082	AROCOR-1248	ug/kg	5.8 U	5.4 U	5.4 U	5.6 U	6.2 U	6.4 U	96.3 J	4.8 U	
SW8082	AROCOR-1254	ug/kg	5.8 U	5.4 U	5.4 U	5.6 U	6.2 U	6.4 U	70.9 J	4.8 U	
SW8082	AROCOR-1260	ug/kg	5.8 U	5.4 U	5.4 U	5.6 U	6.2 U	6.4 U	48	4.8 U	
SW8082	AROCOR-1268	ug/kg	5.8 U	5.4 U	5.4 U	5.6 U	6.2 U	6.4 U	5.2 U	4.8 U	
SW8082	PCBS, N.O.S.	ug/kg	5.8 U	5.4 U	5.4 U	5.6 U	6.2 U	6.4 U	215 J	4.8 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	10 U	8.2 U	10 U	9.5 U	8.9 U	12 U	7.7 U	6.8 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	10 U	8.2 U	10 U	9.5 U	8.9 U	12 U	7.7 U	6.8 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	10 U	8.2 U	10 U	9.5 U	8.9 U	12 U	2.7 J	0.46 J	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	10 U	8.2 U	10 U	9.5 U	8.9 U	12 U	7.7 U	6.8 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	10 U	8.2 U	10 U	9.5 U	8.9 U	12 U	2.1 J	0.39 J	
SW8260	1,4-DICHLOROBENZENE	ug/kg	10 U	8.2 U	10 U	9.5 U	8.9 U	12 U	14.8	1.2 J	
SW8260	BENZENE	ug/kg	2.1 U	1.6 U	2 U	1.9 U	1.8 U	2.4 U	52	82.6	
SW8260	CHLOROBENZENE	ug/kg	10 U	8.2 U	10 U	9.5 U	8.9 U	12 U	40.5	2.2 J	
SW8260	ETHYLBENZENE	ug/kg	2.1 U	1.6 U	2 U	1.9 U	1.8 U	2.4 U	11.4	26.6	
SW8260	NAPHTHALENE	ug/kg	10 U	8.2 U	10 U	9.5 U	8.9 U	12 U	88.4	173	
SW8260	O-XYLENE	ug/kg	2.1 U	1.6 U	2 U	1.9 U	1.8 U	2.4 U	54.3	77.1	
SW8260	TOLUENE	ug/kg	2.1 U	1.6 U	2 U	1.9 U	1.8 U	2.4 U	19.1	29.1	
SW8260	XYLENES, M & P	ug/kg	4.1 U	3.3 U	4 U	3.8 U	3.6 U	4.7 U	26.8	48.9	
SW8260	XYLENES, TOTAL	ug/kg	4.1 U	3.3 U	4 U	3.8 U	3.6 U	4.7 U	81.1	126	
SW8270	ACENAPHTHENE	ug/kg	624	56.8	25.6	62.3	26.9	65.8	8460	10300	
SW8270	ACENAPHTHYLENE	ug/kg	420	26.4	4.7	7.15	7.88	65.3	5010	5100	
SW8270	ANTHRACENE	ug/kg	1040	128	81.6	217	146	484	23000	26500	
SW8270	BENZO(A)ANTHRACENE	ug/kg	1540	220	188	266	285 J	798	32200	26200	
SW8270	BENZO(A)PYRENE	ug/kg	1170	160	126	241	170	566	32500 J	26000 J	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	787	186	205	207	90.6	506	19600	19500	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	506	143	75	174	94.5	151	17200	13500	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	544	51.5	55.9	153	151	311	18100 J	11200 J	
SW8270	CHRYSENE	ug/kg	1390	140	105	200	150	680	30600 J	25500 J	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	214	20.3	18	39.3	24.8	70.4	5750	4530	
SW8270	FLUORANTHENE	ug/kg	2390	245	312	653	424	1460	45100	42000	
SW8270	FLUORENE	ug/kg	639	40.5	36.5	99.6	53.4	229	4860	5260	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	441	79.7	66.9	155	87.2	169	14100 J	11100 J	
SW8270	PHENANTHRENE	ug/kg	2260	218	187	419	173	1000	50300	62700	
SW8270	PYRENE	ug/kg	3030	358	206	426	287	940	63100	61900	
SW9045	pH	S.U.	7.38	7.29	6.88	6.66	6.56	6.73	7.93	7.98	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-70126	OL-VC-70126	OL-VC-70126	OL-VC-70126	OL-VC-70126	OL-VC-70128	OL-VC-70128	OL-VC-70128
		Sample Depth	2-3 Ft	3-4 Ft	4-5 Ft	4-5 Ft	5-6 Ft	0-1 Ft	1-2 Ft	1-2 Ft
		Field Sample ID	OL-0850-09	OL-0850-10	OL-0850-11	OL-0850-12	OL-0850-13	OL-0861-13	OL-0861-14	OL-0861-15
		Sample Date	7/29/2009	7/29/2009	7/29/2009	7/29/2009	7/29/2009	8/4/2009	8/4/2009	8/4/2009
		Sample Delivery Group	JA24295	JA24295	JA24295	JA24295	JA24295	JA24768	JA24768	JA24768
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample	Regular sample	Field duplicate
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	222000 J	6610	11300	7690	11500	65300	57900	42000
SM2540G	SOLIDS, PERCENT	%	49.7	59.9	55.8	54.9	55.1	60.3	68.7	68
SW7471	MERCURY	mg/kg	1.1 J	0.054	0.023 U	0.021 U	0.022 U	11.9	9.6 J	1.2 J
SW8082	AROCOR-1016	ug/kg	6.7 UJ	5.5 U	5.9 U	6 U	6 U	55 U	4.8 U	4.9 U
SW8082	AROCOR-1221	ug/kg	6.7 UJ	5.5 U	5.9 U	6 U	6 U	55 U	4.8 U	4.9 U
SW8082	AROCOR-1232	ug/kg	6.7 UJ	5.5 U	5.9 U	6 U	6 U	55 U	4.8 U	4.9 U
SW8082	AROCOR-1242	ug/kg	6.7 UJ	5.5 U	5.9 U	6 U	6 U	1390	4.8 U	4.9 U
SW8082	AROCOR-1248	ug/kg	6.7 UJ	5.5 U	5.9 U	6 U	6 U	55 U	145 J	45.1 J
SW8082	AROCOR-1254	ug/kg	6.7 UJ	5.5 U	5.9 U	6 U	6 U	645	104 J	25.1 J
SW8082	AROCOR-1260	ug/kg	6.7 UJ	5.5 U	5.9 U	6 U	6 U	172	104 J	25.1 J
SW8082	AROCOR-1268	ug/kg	6.7 UJ	5.5 U	5.9 U	6 U	6 U	55 U	4.8 U	4.9 U
SW8082	PCBS, N.O.S.	ug/kg	6.7 UJ	5.5 U	5.9 U	6 U	6 U	2200	353 J	95.3 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	9.7 UJ	8 U	8.6 U	9.5 U	8.7 U	8.3 U	6.6 U	8 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	9.7 UJ	8 U	8.6 U	9.5 U	8.7 U	1.5 J	6.6 U	8 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	9.7 UJ	8 U	8.6 U	9.5 U	8.7 U	6.6 J	1.6 J	2.4 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	9.7 UJ	8 U	8.6 U	9.5 U	8.7 U	15.7	2.2 J	3.3 J
SW8260	1,3-DICHLOROBENZENE	ug/kg	9.7 UJ	8 U	8.6 U	9.5 U	8.7 U	50.3	4.7 J	5.6 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	9.7 UJ	8 U	8.6 U	9.5 U	8.7 U	99.9	13.4	23
SW8260	BENZENE	ug/kg	28 J	85.3	86.3	85.7	60.2	62	9	7.7
SW8260	CHLOROBENZENE	ug/kg	9.7 UJ	8 U	8.6 U	9.5 U	8.7 U	8390	79	77.4
SW8260	ETHYLBENZENE	ug/kg	14.9 J	18.1	7.7	8.6	1.6 J	35.3	5.5	6
SW8260	NAPHTHALENE	ug/kg	237 J	87	2.3 J	1.5 J	8.7 U	316	99.2	102
SW8260	O-XYLENE	ug/kg	111 J	80.4	19.7	21.2	4	50.5	9.5	10.6
SW8260	TOLUENE	ug/kg	28.7 J	13.9	4.9	5.2	5.9	23.5	2.5	2.4
SW8260	XYLENES, M & P	ug/kg	60.3 J	44.8	19.7	21.6	3.5	80.6	14.1	15.6
SW8260	XYLENES, TOTAL	ug/kg	171 J	125	39.4	42.8	7.5	131	23.6	26.1
SW8270	ACENAPHTHENE	ug/kg	4560 J	108	5.5 U	5.7 U	5.7 U	393	1810 J	573 J
SW8270	ACENAPHTHYLENE	ug/kg	2560 J	62.4	5.5 U	5.7 U	5.7 U	560	729	622
SW8270	ANTHRACENE	ug/kg	30700 J	728	10.4 J	5.7 UJ	6.62	1390	3250 J	1490 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	35200 J	873	18.9 J	5.7 UJ	12.8	2600	6270 J	3030 J
SW8270	BENZO(A)PYRENE	ug/kg	36800 J	927 J	12.4 J	5.7 UJ	6.87 J	2680	6740 J	3260 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	31000 J	502	14.4 J	5.7 UJ	10	3170	6330 J	3280 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	20400 J	478	6.78 J	5.7 UJ	5.7 U	1510	2870	1900
SW8270	BENZO(K)FLUORANTHENE	ug/kg	17000 J	620 J	6.29 J	5.7 UJ	5.03 J	1210	1960	1170
SW8270	CHRYSENE	ug/kg	33800 J	826 J	8.41 J	5.7 UJ	4.52 J	2880	6410 J	2580 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	6360 J	131	5.5 U	5.7 U	5.7 U	533	1080 J	601 J
SW8270	FLUORANTHENE	ug/kg	63900 J	1450	26.6 J	5.7 J	11.8	6270	13900 J	5430 J
SW8270	FLUORENE	ug/kg	7610 J	189	5.5 U	5.7 U	5.7 U	15100	10100 J	1270 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	17000 J	431 J	5.5 U	5.7 U	5.7 U	1330	2720	1720
SW8270	PHENANTHRENE	ug/kg	57600 J	1440	34.7 J	5.7 UJ	23.6	4020	14200 J	3610 J
SW8270	PYRENE	ug/kg	68200 J	1720	28.5 J	5.7 UJ	9.48	5710	12500 J	5180 J
SW9045	pH	S.U.	7.81 J	7.19	7.08	6.97	6.88	7.38	7.38	7.49

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-70128	OL-VC-70128	OL-VC-70128	OL-VC-70128	OL-VC-70128	OL-VC-70128	OL-VC-70128	OL-VC-70128	OL-VC-70128
		Sample Depth	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	6-7 Ft	7-8 Ft	8-9 Ft	9-10 Ft	
		Field Sample ID	OL-0861-16	OL-0861-17	OL-0861-18	OL-0861-19	OL-0861-20	OL-0862-01	OL-0862-02	OL-0862-03	
		Sample Date	8/4/2009	8/4/2009	8/4/2009	8/4/2009	8/4/2009	8/4/2009	8/4/2009	8/4/2009	
		Sample Delivery Group	JA24768	JA24768	JA24768	JA24768	JA24768	JA24769	JA24769	JA24769	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	28200	8760	8850	7970	13800	33500	14400	8850	
SM2540G	SOLIDS, PERCENT	%	69	55.6	56.7	58.3	54.5	53.1	50.9	67.7	
SW7471	MERCURY	mg/kg	1.2	0.03 J				0.022 U	0.023 U	0.018 U	
SW8082	AROCOR-1016	ug/kg	4.8 U	6 U	5.8 U	5.7 U	6.1 U	6.3 U	6.5 U	4.9 U	
SW8082	AROCOR-1221	ug/kg	4.8 U	6 U	5.8 U	5.7 U	6.1 U	6.3 U	6.5 U	4.9 U	
SW8082	AROCOR-1232	ug/kg	4.8 U	6 U	5.8 U	5.7 U	6.1 U	6.3 U	6.5 U	4.9 U	
SW8082	AROCOR-1242	ug/kg	4.8 U	6 U	5.8 U	5.7 U	6.1 U	6.3 U	6.5 U	4.9 U	
SW8082	AROCOR-1248	ug/kg	4.8 U	6 U	5.8 U	5.7 U	6.1 U	6.3 U	6.5 U	4.9 U	
SW8082	AROCOR-1254	ug/kg	4.8 U	6 U	5.8 U	5.7 U	6.1 U	6.3 U	6.5 U	4.9 U	
SW8082	AROCOR-1260	ug/kg	4.8 U	6 U	5.8 U	5.7 U	6.1 U	6.3 U	6.5 U	4.9 U	
SW8082	AROCOR-1268	ug/kg	4.8 U	6 U	5.8 U	5.7 U	6.1 U	6.3 U	6.5 U	4.9 U	
SW8082	PCBS, N.O.S.	ug/kg	4.8 U	6 U	5.8 U	5.7 U	6.1 U	6.3 U	6.5 U	4.9 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	7.1 U	8.5 U	8 U	8.2 U	8.7 U	8.7 U	9.8 U	7.1 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	7.1 U	8.5 U	8 U	8.2 U	8.7 U	8.7 U	9.8 U	7.1 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	7.1 U	8.5 U	8 U	8.2 U	8.7 U	8.7 U	9.8 U	7.1 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	7.1 U	8.5 U	8 U	8.2 U	8.7 U	8.7 U	9.8 U	7.1 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	0.46 J	8.5 U	8 U	8.2 U	8.7 U	8.7 U	9.8 U	7.1 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	1.5 J	0.94 J	8 U	8.2 U	8.7 U	8.7 U	9.8 U	7.1 U	
SW8260	BENZENE	ug/kg	0.84 J	2.2	2.2	2.4	1.4 J	1.7	1.3 J	0.67 J	
SW8260	CHLOROBENZENE	ug/kg	3.5 J	4 J	0.65 J	0.82 J	8.7 U	0.87 J	9.8 U	0.54 J	
SW8260	ETHYLBENZENE	ug/kg	1.1 J	0.7 J	1.6 U	1.6 U	1.7 U	1.7 U	2 U	1.4 U	
SW8260	NAPHTHALENE	ug/kg	46.8	21.7	9	1.6 J	8.7 U	8.7 U	9.8 U	7.1 U	
SW8260	O-XYLENE	ug/kg	1.3 J	1.7 U	1.6 U	1.6 U	1.7 U	1.7 U	2 U	1.4 U	
SW8260	TOLUENE	ug/kg	1.4 U	0.55 J	0.9 J	1.1 J	0.71 J	0.68 J	2 U	1.4 U	
SW8260	XYLENES, M & P	ug/kg	1.8 J	1 J	3.2 U	3.3 U	3.5 U	3.5 U	3.9 U	2.8 U	
SW8260	XYLENES, TOTAL	ug/kg	3.1	1 J	3.2 U	3.3 U	3.5 U	3.5 U	3.9 U	2.8 U	
SW8270	ACENAPHTHENE	ug/kg	594	152	6.63	5.38	5.2 U	5.4 U	5.6 U	4.2 U	
SW8270	ACENAPHTHYLENE	ug/kg	281	17.1	5 U	4.9 U	5.2 U	5.4 U	5.6 U	4.2 U	
SW8270	ANTHRACENE	ug/kg	1510	63.1	5 U	4.9 U	5.2 U	5.4 U	5.6 U	4.2 U	
SW8270	BENZO(A)ANTHRACENE	ug/kg	3020	107	5 U	9.03	5.2 U	5.4 U	5.6 U	4.2 U	
SW8270	BENZO(A)PYRENE	ug/kg	2830	76.8	5 U	4.9 U	5.2 U	5.4 U	5.6 U	4.2 U	
SW8270	BENZO(B)FLUORANTHENE	ug/kg	2600	88.9	5 U	5.18	5.2 U	5.4 U	5.6 U	4.2 U	
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	1410	47.6	5 U	4.9 U	5.2 U	5.4 U	5.6 U	4.2 U	
SW8270	BENZO(K)FLUORANTHENE	ug/kg	1020	43.9	5 U	2.04 J	5.2 U	5.4 U	5.6 U	4.2 U	
SW8270	CHRYSENE	ug/kg	2340	70.6	5 U	4.52 J	5.2 U	5.4 U	5.6 U	4.2 U	
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	386	14.4	5 U	4.9 U	5.2 U	5.4 U	5.6 U	4.2 U	
SW8270	FLUORANTHENE	ug/kg	4970	169	5.92	10.8	5.2 U	5.4 U	5.6 U	4.2 U	
SW8270	FLUORENE	ug/kg	772	104	5.01	5.69	5.2 U	5.4 U	5.6 U	4.2 U	
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	1300	47.5	5 U	4.9 U	5.2 U	5.4 U	5.6 U	4.2 U	
SW8270	PHENANTHRENE	ug/kg	3740	147	6.43	10.4	5.2 U	5.4 U	5.6 U	4.2 U	
SW8270	PYRENE	ug/kg	5100	172	5.83	10.4	5.2 U	5.4 U	5.6 U	4.2 U	
SW9045	pH	S.U.	7.64	7.36	7.38	6.94	6.94	6.72	6.92	6.62	

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-70128	OL-VC-70128	OL-VC-70128	OL-VC-70128	OL-VC-70134	OL-VC-70134	OL-VC-70134	OL-VC-70134
		Sample Depth	10-11 Ft	11-12 Ft	12-13 Ft	13-13.5 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft
		Field Sample ID	OL-0862-04	OL-0862-05	OL-0862-06	OL-0862-07	OL-0876-01	OL-0876-02	OL-0876-03	OL-0876-04
		Sample Date	8/4/2009	8/4/2009	8/4/2009	8/4/2009	8/10/2009	8/10/2009	8/10/2009	8/10/2009
		Sample Delivery Group	JA24769	JA24769	JA24769	JA24769	JA25249	JA25249	JA25249	JA25249
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	15800	10500	9000 J	18300	42900	27100	33000	9980 J
SM2540G	SOLIDS, PERCENT	%	58.3	56	48.4	59.2	64.4	71.4	55.8	49.9
SW7471	MERCURY	mg/kg	0.02 U	0.023 U	0.027 UJ	0.052 U	163 J	5 J	0.021 U	0.023 UJ
SW8082	AROCOR-1016	ug/kg	5.7 U	5.9 U	6.8 UJ	5.6 U	5.2 U	4.6 U	5.9 U	6.5 UJ
SW8082	AROCOR-1221	ug/kg	5.7 U	5.9 U	6.8 UJ	5.6 U	5.2 U	4.6 U	5.9 U	6.5 UJ
SW8082	AROCOR-1232	ug/kg	5.7 U	5.9 U	6.8 UJ	5.6 U	5.2 U	4.6 U	5.9 U	6.5 UJ
SW8082	AROCOR-1242	ug/kg	5.7 U	5.9 U	6.8 UJ	5.6 U	5.2 U	4.6 U	5.9 U	6.5 UJ
SW8082	AROCOR-1248	ug/kg	5.7 U	5.9 U	6.8 UJ	5.6 U	2270	97.7	11.7	42.1 J
SW8082	AROCOR-1254	ug/kg	5.7 U	5.9 U	6.8 UJ	5.6 U	305	48.2	5.9 U	19 J
SW8082	AROCOR-1260	ug/kg	5.7 U	5.9 U	6.8 UJ	5.6 U	221	32.8	5.9 U	6.5 UJ
SW8082	AROCOR-1268	ug/kg	5.7 U	5.9 U	6.8 UJ	5.6 U	5.2 U	4.6 U	5.9 U	6.5 UJ
SW8082	PCBS, N.O.S.	ug/kg	5.7 U	5.9 U	6.8 UJ	5.6 U	2800	175	11.7	61 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	7.8 U	8.8 U	9.4 UJ	8.4 U	0.68 U	8.8 U	8.8 U	10 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	7.8 U	8.8 U	9.4 UJ	8.4 U	0.68 U	8.8 U	8.8 U	10 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	7.8 U	8.8 U	9.4 UJ	8.4 U	0.18 J	1.5 J	8.8 U	10 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	7.8 U	8.8 U	9.4 UJ	8.4 U	0.68 U	0.98 J	8.8 U	10 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	7.8 U	8.8 U	9.4 UJ	8.4 U	0.21 J	7.9 J	8.8 U	10 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	7.8 U	8.8 U	9.4 UJ	8.4 U	1.1	27.1	0.96 J	10 UJ
SW8260	BENZENE	ug/kg	0.97 J	0.65 J	1.9 UJ	1.7 U	0.82	19	1.8	1 J
SW8260	CHLOROBENZENE	ug/kg	7.8 U	8.8 U	9.4 UJ	0.98 J	10.8	201	23.8	1.5 J
SW8260	ETHYLBENZENE	ug/kg	1.6 U	1.8 U	1.9 UJ	1.7 U	0.14 U	0.76 J	1.8 U	2.1 UJ
SW8260	NAPHTHALENE	ug/kg	7.8 U	8.8 U	9.4 UJ	1.9 J	0.68 U	9.5	8.8 U	10 UJ
SW8260	O-XYLENE	ug/kg	1.6 U	1.8 U	1.9 UJ	1.7 U	0.13 J	9.3	1.3 J	2.1 UJ
SW8260	TOLUENE	ug/kg	1.6 U	1.8 U	1.9 UJ	1.7 U	0.083 J	1.4 J	1.8 U	2.1 UJ
SW8260	XYLENES, M & P	ug/kg	3.1 U	3.5 U	3.8 UJ	3.4 U	0.12 J	5.5	0.88 J	4.2 UJ
SW8260	XYLENES, TOTAL	ug/kg	3.1 U	3.5 U	3.8 UJ	3.4 U	0.25 J	14.8	2.2 J	4.2 UJ
SW8270	ACENAPHTHENE	ug/kg	4.9 U	5.1 U	5.9 UJ	4.8 U	18 U	80 U	17.3	5.7 UJ
SW8270	ACENAPHTHYLENE	ug/kg	4.9 U	5.1 U	5.9 UJ	4.8 U	562	349	5.1 U	5.7 UJ
SW8270	ANTHRACENE	ug/kg	4.9 U	5.1 U	5.9 UJ	8.74	1020	945	22.2	5.7 UJ
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.9 U	5.1 U	5.9 UJ	19.4	1830	1520	5.1 U	5.7 UJ
SW8270	BENZO(A)PYRENE	ug/kg	4.9 U	5.1 U	5.9 UJ	11.9	1750	1530	5.1 U	5.7 UJ
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.9 U	5.1 U	5.9 UJ	16.6	1740	1360	5.1 U	5.7 UJ
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.9 U	5.1 U	5.9 UJ	8.22	841	474	5.1 U	5.7 UJ
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.9 U	5.1 U	5.9 UJ	5.72	1520	1100	5.1 U	5.7 UJ
SW8270	CHRYSENE	ug/kg	4.9 U	5.1 U	5.9 UJ	11.6	2340	1580	5.1 U	5.7 UJ
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.9 U	5.1 U	5.9 UJ	4.8 U	326	155	5.1 U	5.7 UJ
SW8270	FLUORANTHENE	ug/kg	4.9 U	5.1 U	5.9 UJ	25.6	5890	3910	8.94	5.7 UJ
SW8270	FLUORENE	ug/kg	4.9 U	5.1 U	5.9 UJ	23.2	7490	2070	30.2	5.7 UJ
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.9 U	5.1 U	5.9 UJ	7.74	850	516	5.1 U	5.7 UJ
SW8270	PHENANTHRENE	ug/kg	4.9 U	5.1 U	5.9 UJ	23.2	2600	2310	77.4	5.7 UJ
SW8270	PYRENE	ug/kg	4.9 U	5.1 U	5.9 UJ	26.2	3490	2510	8.34	5.7 UJ
SW9045	pH	S.U.	6.94	7.07	6.76 J	6.95	7.62	7.77	7.64	7.27 J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-70134	OL-VC-70134	OL-VC-70135	OL-VC-70135	OL-VC-70135	OL-VC-70135	OL-VC-70135	OL-VC-70135	OL-VC-70135
		Sample Depth	4-5 Ft	5-6 Ft	0-1 Ft	1-2 Ft	2-3 Ft	2-3 Ft	3-4 Ft	4-5 Ft	
		Field Sample ID	OL-0876-05	OL-0876-06	OL-0878-01	OL-0878-02	OL-0878-03	OL-0878-04	OL-0878-05	OL-0878-06	
		Sample Date	8/10/2009	8/10/2009	8/11/2009	8/11/2009	8/11/2009	8/11/2009	8/11/2009	8/11/2009	
		Sample Delivery Group	JA25249	JA25249	JA25354	JA25354	JA25354	JA25354	JA25354	JA25354	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	9170	15600	10800	17700	8760	9530	10900	J	8650
SM2540G	SOLIDS, PERCENT	%	55	54.5	60.6	57.9	56.8	55.6	53.6		58.7
SW7471	MERCURY	mg/kg	0.02	0.02	0.31	0.074	0.021	0.02	0.022	U	0.019
SW8082	AROCOR-1016	ug/kg	6.1	6.1	5.5	5.7	5.8	5.9	6.1	U	5.7
SW8082	AROCOR-1221	ug/kg	6.1	6.1	5.5	5.7	5.8	5.9	6.1	U	5.7
SW8082	AROCOR-1232	ug/kg	6.1	6.1	5.5	5.7	5.8	5.9	6.1	U	5.7
SW8082	AROCOR-1242	ug/kg	6.1	6.1	5.5	5.7	5.8	5.9	6.1	U	5.7
SW8082	AROCOR-1248	ug/kg	6.1	15.1	5.5	5.7	5.8	5.9	6.1	U	13.7
SW8082	AROCOR-1254	ug/kg	6.1	6.1	5.5	5.7	5.8	5.9	6.1	U	13.1
SW8082	AROCOR-1260	ug/kg	6.1	6.1	5.5	5.7	5.8	5.9	6.1	U	5.7
SW8082	AROCOR-1268	ug/kg	6.1	6.1	5.5	5.7	5.8	5.9	6.1	U	5.7
SW8082	PCBS, N.O.S.	ug/kg	6.1	15.1	5.5	5.7	5.8	5.9	6.1	U	26.8
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	10	11	8.4	8	9.4	9	9	U	9.3
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	10	11	8.4	8	9.4	9	9	U	9.3
SW8260	1,2-DICHLOROBENZENE	ug/kg	10	11	8.4	8	9.4	9	9	U	9.3
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	10	11	8.4	8	9.4	9	9	U	9.3
SW8260	1,3-DICHLOROBENZENE	ug/kg	10	11	8.4	8	9.4	9	9	U	9.3
SW8260	1,4-DICHLOROBENZENE	ug/kg	10	11	0.62	1.4	9.4	9	9	U	9.3
SW8260	BENZENE	ug/kg	1	0.98	4.4	3.7	3.8	2.5	2.9	J	1.7
SW8260	CHLOROBENZENE	ug/kg	10	11	3.7	4.4	0.78	9	9	U	9.3
SW8260	ETHYLBENZENE	ug/kg	2.1	2.1	0.89	0.72	1.9	1.8	1.8	U	1.9
SW8260	NAPHTHALENE	ug/kg	10	11	40.7	27.7	6.4	4.9	9	U	9.3
SW8260	O-XYLENE	ug/kg	2.1	2.1	1.7	1.5	1.1	0.93	1.8	U	1.9
SW8260	TOLUENE	ug/kg	2.1	2.1	1.7	1.6	1.9	1.8	1.8	U	1.9
SW8260	XYLENES, M & P	ug/kg	4.1	4.3	3.4	3.2	3.7	3.6	3.6	U	3.7
SW8260	XYLENES, TOTAL	ug/kg	4.1	4.3	1.7	1.5	1.1	0.93	3.6	U	3.7
SW8270	ACENAPHTHENE	ug/kg	5.2	5.2	410	143	5	8.93	5.3	U	4.9
SW8270	ACENAPHTHYLENE	ug/kg	5.2	5.2	72.1	34.6	5	5.1	5.3	U	4.9
SW8270	ANTHRACENE	ug/kg	5.2	5.2	596	245	5	7.21	5.3	U	4.9
SW8270	BENZO(A)ANTHRACENE	ug/kg	5.2	5.2	1210	500	5	5.1	5.3	U	4.9
SW8270	BENZO(A)PYRENE	ug/kg	5.2	5.2	1050	227	5	5.1	5.3	U	4.9
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5.2	5.2	1020	408	5	5.1	5.3	U	4.9
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5.2	5.2	557	174	5	5.1	5.3	U	4.9
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.2	5.2	420	151	5	5.1	5.3	U	4.9
SW8270	CHRYSENE	ug/kg	5.2	5.2	697	236	5	5.1	5.3	U	4.9
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.2	5.2	125	55.8	5	5.1	5.3	U	4.9
SW8270	FLUORANTHENE	ug/kg	5.2	5.2	1530	717	5	11.7	5.3	U	4.9
SW8270	FLUORENE	ug/kg	5.2	5.2	317	105	5	5.1	5.3	U	4.9
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5.2	5.2	541	183	5	5.1	5.3	U	4.9
SW8270	PHENANTHRENE	ug/kg	5.2	5.2	1380	576	5	18.3	5.3	U	4.9
SW8270	PYRENE	ug/kg	5.2	5.2	1550	724	5	14.5	5.3	U	4.9
SW9045	pH	S.U.	7.21	7.29	7.14	6.91	6.84	7.02	6.73		6.94

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-70135	OL-VC-70135	OL-VC-70135	OL-VC-70135	OL-VC-70135	OL-VC-70136	OL-VC-70136	OL-VC-70136
		Sample Depth	5-6 Ft	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-0878-07	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	8/11/2009	8/10/2009	8/10/2009	8/10/2009
		Sample Delivery Group	JA25354	JA25354	JA25354	JA25354	JA25354	JA25249	JA25249	JA25249
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Field duplicate
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	7230	13000	10600	8340	11700	71800 J	62000 J	58700 J
SM2540G	SOLIDS, PERCENT	%	62.9	59	57.8	57.2	54.8	42	48.4	47.4
SW7471	MERCURY	mg/kg	0.026 J	0.019 U	0.027 J	0.023 J	0.022 U	19.7 J	20.7 J	23.6 J
SW8082	AROCOR-1016	ug/kg	5.2 U	5.6 U	5.7 U	5.8 U	6 U	7.9 UJ	6.7 UJ	7 UJ
SW8082	AROCOR-1221	ug/kg	5.2 U	5.6 U	5.7 U	5.8 U	6 U	7.9 UJ	6.7 UJ	7 UJ
SW8082	AROCOR-1232	ug/kg	5.2 U	5.6 U	5.7 U	5.8 U	6 U	7.9 UJ	6.7 UJ	7 UJ
SW8082	AROCOR-1242	ug/kg	5.2 U	5.6 U	5.7 U	5.8 U	6 U	7.9 UJ	6.7 UJ	7 UJ
SW8082	AROCOR-1248	ug/kg	5.2 U	5.6 U	5.7 U	5.8 U	6 U	1630 J	299 J	379 J
SW8082	AROCOR-1254	ug/kg	5.2 U	5.6 U	5.7 U	5.8 U	6 U	360 J	326 J	622 J
SW8082	AROCOR-1260	ug/kg	5.2 U	5.6 U	5.7 U	5.8 U	6 U	218 J	190 J	324 J
SW8082	AROCOR-1268	ug/kg	5.2 U	5.6 U	5.7 U	5.8 U	6 U	7.9 UJ	6.7 UJ	7 UJ
SW8082	PCBS, N.O.S.	ug/kg	5.2 U	5.6 U	5.7 U	5.8 U	6 U	2210 J	815 J	1330 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	7.5 U	8.6 U	7.9 U	8.7 U	9.3 U	940 UJ	780 UJ	780 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	7.5 U	8.6 U	7.9 U	8.7 U	9.3 U	940 UJ	780 UJ	780 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	7.5 U	8.6 U	7.9 U	8.7 U	9.3 U	256 J	108 J	95.4 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	7.5 U	8.6 U	7.9 U	8.7 U	9.3 U	940 UJ	780 UJ	780 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	7.5 U	8.6 U	7.9 U	8.7 U	9.3 U	1290 J	307 J	283 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	7.5 U	8.6 U	7.9 U	8.7 U	9.3 U	3310 J	2610 J	2350 J
SW8260	BENZENE	ug/kg	0.92 J	1.7 U	1.6 U	1.7 U	1.9 U	251 J	112 J	99.1 J
SW8260	CHLOROBENZENE	ug/kg	7.5 U	8.6 U	7.9 U	8.7 U	9.3 U	12000 J	2250 J	2190 J
SW8260	ETHYLBENZENE	ug/kg	1.5 U	1.7 U	1.6 U	1.7 U	1.9 U	73.8 J	160 UJ	160 UJ
SW8260	NAPHTHALENE	ug/kg	7.5 U	8.6 U	7.9 U	8.7 U	9.3 U	940 UJ	780 UJ	698 J
SW8260	O-XYLENE	ug/kg	1.5 U	1.7 U	1.6 U	1.7 U	1.9 U	1540 J	280 J	273 J
SW8260	TOLUENE	ug/kg	1.5 U	1.7 U	1.6 U	1.7 U	1.9 U	85.3 J	160 UJ	160 UJ
SW8260	XYLENES, M & P	ug/kg	3 U	3.5 U	3.1 U	3.5 U	3.7 U	799 J	276 J	256 J
SW8260	XYLENES, TOTAL	ug/kg	3 U	3.5 U	3.1 U	3.5 U	3.7 U	2340 J	556 J	529 J
SW8270	ACENAPHTHENE	ug/kg	4.5 U	4.8 U	4.9 U	5 U	5.2 U	340 UJ	300 UJ	1420 J
SW8270	ACENAPHTHYLENE	ug/kg	4.5 U	4.8 U	4.9 U	5 U	5.2 U	1080 J	983 J	866 J
SW8270	ANTHRACENE	ug/kg	4.5 U	4.8 U	4.9 U	5 U	5.2 U	3220 J	2270 J	1880 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	4.5 U	4.8 U	4.9 U	5 U	5.2 U	3400 J	3010 J	2520 J
SW8270	BENZO(A)PYRENE	ug/kg	4.5 U	4.8 U	4.9 U	5 U	5.2 U	2650 J	2680 J	2220 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	4.5 U	4.8 U	4.9 U	5 U	5.2 U	3220 J	2600 J	1940 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	4.5 U	4.8 U	4.9 U	5 U	5.2 U	1010 J	1050 J	784 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	4.5 U	4.8 U	4.9 U	5 U	5.2 U	1940 J	2070 J	2010 J
SW8270	CHRYSENE	ug/kg	4.5 U	4.8 U	4.9 U	5 U	5.2 U	4650 J	3820 J	3130 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	4.5 U	4.8 U	4.9 U	5 U	5.2 U	373 J	364 J	355 J
SW8270	FLUORANTHENE	ug/kg	4.5 U	4.8 U	4.9 U	5 U	5.2 U	13900 J	9580 J	7800 J
SW8270	FLUORENE	ug/kg	4.5 U	4.8 U	4.9 U	5 U	5.2 U	24700 J	4360 J	2710 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	4.5 U	4.8 U	4.9 U	5 U	5.2 U	952 J	1100 J	909 J
SW8270	PHENANTHRENE	ug/kg	4.5 U	4.8 U	4.9 U	5 U	5.2 U	13600 J	7290 J	5730 J
SW8270	PYRENE	ug/kg	4.5 U	4.8 U	4.9 U	5 U	5.2 U	8370 J	6020 J	4970 J
SW9045	pH	S.U.	6.92	6.96	6.74	6.72	6.78	7.5 J	7.4 J	7.46 J

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-70136	OL-VC-70136	OL-VC-70136	OL-VC-70136	OL-VC-70137	OL-VC-70137	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	2-3 Ft	3-4 Ft
		Field Sample ID	OL-0876-11	OL-0876-12	OL-0876-13	OL-0876-14	OL-0877-14	OL-0877-15	OL-0877-16	OL-0877-17
		Sample Date	8/10/2009	8/10/2009	8/10/2009	8/10/2009	8/11/2009	8/11/2009	8/11/2009	8/11/2009
		Sample Delivery Group	JA25249	JA25249	JA25249	JA25249	JA25353	JA25353	JA25353	JA25353
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Analytical Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	62000	28000	17100 J	24600 J	82200	6800	9950	12900
SM2540G	SOLIDS, PERCENT	%	64.5	64.5	47.3	43.7	53.2	78.2	66.4	57.5
SW7471	MERCURY	mg/kg	2 J	1.3 J	0.023 UJ	0.024 UJ	9.8	0.063	R	R
SW8082	AROCOR-1016	ug/kg	5.1 U	5.2 U	6.9 UJ	7.6 UJ	250 U	4.2 U	4.9 U	5.8 U
SW8082	AROCOR-1221	ug/kg	5.1 U	5.2 U	6.9 UJ	7.6 UJ	250 U	4.2 U	4.9 U	5.8 U
SW8082	AROCOR-1232	ug/kg	5.1 U	5.2 U	6.9 UJ	7.6 UJ	250 U	4.2 U	4.9 U	5.8 U
SW8082	AROCOR-1242	ug/kg	5.1 U	5.2 U	6.9 UJ	7.6 UJ	250 U	4.2 U	4.9 U	5.8 U
SW8082	AROCOR-1248	ug/kg	24.6 J	5.2 U	6.9 UJ	7.6 UJ	5980	10	13	5.8 U
SW8082	AROCOR-1254	ug/kg	14.3	5.2 U	6.9 UJ	7.6 UJ	922	4.2 U	4.9 U	5.8 U
SW8082	AROCOR-1260	ug/kg	28.6	5.2 U	6.9 UJ	7.6 UJ	1590	4.2 U	4.9 U	5.8 U
SW8082	AROCOR-1268	ug/kg	5.1 U	5.2 U	6.9 UJ	7.6 UJ	250 U	4.2 U	4.9 U	5.8 U
SW8082	PCBS, N.O.S.	ug/kg	67.5	5.2 U	6.9 UJ	7.6 UJ	8490	10	13	5.8 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.2 U	7.6 U	11 UJ	11 UJ	690 U	6.3 U	7.1 U	8.7 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.2 U	7.6 U	11 UJ	11 UJ	65.1 J	6.3 U	7.1 U	8.7 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.2 U	7.6 U	11 UJ	11 UJ	771	6.3 U	7.1 U	8.7 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.2 U	7.6 U	11 UJ	11 UJ	541 J	6.3 U	7.1 U	8.7 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	0.91 J	7.6 U	11 UJ	11 UJ	339 J	6.3 U	7.1 U	8.7 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	3.9 J	7.6 U	11 UJ	11 UJ	2000	1.5 J	7.1 U	8.7 U
SW8260	BENZENE	ug/kg	0.64 J	1.5 U	2.1 UJ	2.2 UJ	895	0.83 J	1.4 U	1.7 U
SW8260	CHLOROBENZENE	ug/kg	8.9	7.6 U	11 UJ	11 UJ	5520	5.8 J	7.1 U	8.7 U
SW8260	ETHYLBENZENE	ug/kg	1.6 U	1.5 U	2.1 UJ	2.2 UJ	140 U	1.3 U	1.4 U	1.7 U
SW8260	NAPHTHALENE	ug/kg	16.5	7.6 U	11 UJ	11 UJ	690 U	6.4	7.1 U	8.7 U
SW8260	O-XYLENE	ug/kg	3.3	1.5 U	2.1 UJ	2.2 UJ	140 U	1.3 U	1.4 U	1.7 U
SW8260	TOLUENE	ug/kg	1.6 U	1.5 U	2.1 UJ	2.2 UJ	77 J	1.3 U	1.4 U	1.7 U
SW8260	XYLENES, M & P	ug/kg	2.7 J	3 U	4.2 UJ	4.4 UJ	76.6 J	2.5 U	2.8 U	3.5 U
SW8260	XYLENES, TOTAL	ug/kg	6	3 U	4.2 UJ	4.4 UJ	76.6 J	2.5 U	2.8 U	3.5 U
SW8270	ACENAPHTHENE	ug/kg	1900 J	1270	103 J	6.5 UJ	1800	239	106	5 U
SW8270	ACENAPHTHYLENE	ug/kg	764 J	362 J	6 UJ	6.5 UJ	467	17.6	24.1 J	5 U
SW8270	ANTHRACENE	ug/kg	3310 J	4210	6 UJ	6.5 UJ	2950	748	291	5 U
SW8270	BENZO(A)ANTHRACENE	ug/kg	3590 J	6110	6 UJ	6.5 UJ	3570	812	390	5.9
SW8270	BENZO(A)PYRENE	ug/kg	3430 J	5760	6 UJ	6.5 UJ	2880	582	325	5 U
SW8270	BENZO(B)FLUORANTHENE	ug/kg	1700 J	3470	6 UJ	6.5 UJ	3200	592	249	5 U
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	1850 J	3130	6 UJ	6.5 UJ	1490	152	142	5 U
SW8270	BENZO(K)FLUORANTHENE	ug/kg	2190 J	3980	6 UJ	6.5 UJ	889	251	225	5 U
SW8270	CHRYSENE	ug/kg	3540 J	5550	6 UJ	6.5 UJ	3630	653	345	3.94 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	459 J	964	6 UJ	6.5 UJ	539	73.7	54	5 U
SW8270	FLUORANTHENE	ug/kg	7480	13000	6.65 J	6.5 UJ	6560	1840	838	7.83
SW8270	FLUORENE	ug/kg	2210 J	1740	58 J	6.5 UJ	4880	430	165	5 U
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	1520 J	2720	6 UJ	6.5 UJ	1370	234	164	5 U
SW8270	PHENANTHRENE	ug/kg	9220	10200	18.2 J	6.5 UJ	8680	1830	685	7.13
SW8270	PYRENE	ug/kg	7770	10700	7.06 J	6.5 UJ	6380	1530	554	7.7
SW9045	pH	S.U.	7.34	7.55	7.27 J	7.18 J	7.25	7.1	7.42	7.05

Table A1
Validated Sediment, Follow-up Sediment, and Addendum 6 SMU-5 Sediment

		Location	OL-VC-70137	OL-VC-70137	OL-VC-70138	OL-VC-70138	OL-VC-70138	OL-VC-70138	OL-VC-70138	OL-VC-70138	OL-VC-70138
		Sample Depth	4-5 Ft	5-6 Ft	0-1 Ft	1-2 Ft	2-3 Ft	3-4 Ft	4-5 Ft	5-6 Ft	
		Field Sample ID	OL-0877-18	OL-0877-19	OL-0861-01	OL-0861-02	OL-0861-03	OL-0861-04	OL-0861-05	OL-0861-06	
		Sample Date	8/11/2009	8/11/2009	8/4/2009	8/4/2009	8/4/2009	8/4/2009	8/4/2009	8/4/2009	
		Sample Delivery Group	JA25353	JA25353	JA24768	JA24768	JA24768	JA24768	JA24768	JA24768	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	
Analytical Method	Parameter Name	Units									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	13200	15900	37500	35800	47400	15900	20500	J	19800
SM2540G	SOLIDS, PERCENT	%	52.1	53	70.7	64.5	54.7	58.7	49.8		49.7
SW7471	MERCURY	mg/kg	R	R	1.1	2.4	1.9	0.045	R	R	R
SW8082	AROCOR-1016	ug/kg	6.3 U	6.2 U	4.7 U	5.2 U	6 U	5.6 U	6.7 U	UJ	6.7 UJ
SW8082	AROCOR-1221	ug/kg	6.3 U	6.2 U	4.7 U	5.2 U	6 U	5.6 U	6.7 U	UJ	6.7 UJ
SW8082	AROCOR-1232	ug/kg	6.3 U	6.2 U	4.7 U	5.2 U	6 U	5.6 U	6.7 U	UJ	6.7 UJ
SW8082	AROCOR-1242	ug/kg	6.3 U	6.2 U	4.7 U	5.2 U	6 U	5.6 U	6.7 U	UJ	6.7 UJ
SW8082	AROCOR-1248	ug/kg	6.3 U	6.2 U	4.7 U	5.2 U	6 U	5.6 U	6.7 U	UJ	6.7 UJ
SW8082	AROCOR-1254	ug/kg	6.3 U	6.2 U	4.7 U	5.2 U	6 U	5.6 U	6.7 U	UJ	6.7 UJ
SW8082	AROCOR-1260	ug/kg	6.3 U	6.2 U	8.7 J	5.2 U	6 U	5.6 U	6.7 U	UJ	6.7 UJ
SW8082	AROCOR-1268	ug/kg	6.3 U	6.2 U	4.7 U	5.2 U	6 U	5.6 U	6.7 U	UJ	6.7 UJ
SW8082	PCBS, N.O.S.	ug/kg	6.3 U	6.2 U	8.7 J	5.2 U	6 U	5.6 U	6.7 U	UJ	6.7 UJ
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	8.9 U	9.1 U	7.2 U	7.6 U	8.6 U	8 U	9.5 U	UJ	10 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	8.9 U	9.1 U	7.2 U	7.6 U	8.6 U	8 U	9.5 U	UJ	10 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	8.9 U	9.1 U	7.2 U	7.6 U	8.6 U	8 U	9.5 U	UJ	10 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	8.9 U	9.1 UJ	7.2 U	7.6 U	8.6 U	8 U	9.5 U	UJ	10 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	8.9 U	9.1 U	7.2 U	7.6 U	8.6 U	8 U	9.5 U	UJ	10 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	8.9 U	9.1 U	7.2 U	7.6 U	8.6 U	8 U	9.5 U	UJ	10 UJ
SW8260	BENZENE	ug/kg	1.8 U	1.8 U	8.2	5	4.7	1.6 U	1.9 UJ	UJ	2 UJ
SW8260	CHLOROBENZENE	ug/kg	8.9 U	9.1 U	2.1 J	7.6 U	8.6 U	8 U	9.5 U	UJ	10 UJ
SW8260	ETHYLBENZENE	ug/kg	1.8 U	1.8 U	4.3	1.8	4.6	1.6 U	1.9 UJ	UJ	2 UJ
SW8260	NAPHTHALENE	ug/kg	8.9 U	9.1 U	56.2	15800	28300	111	5.2 J	UJ	10 UJ
SW8260	O-XYLENE	ug/kg	1.8 U	1.8 U	18.7	19.1	10.4	1.7	1.2 J	UJ	2 UJ
SW8260	TOLUENE	ug/kg	1.8 U	1.8 U	1.6	1 J	2.2	1.6 U	1.9 UJ	UJ	2 UJ
SW8260	XYLENES, M & P	ug/kg	3.6 U	3.6 U	7.8	1.4 J	5.1	3.2 U	3.8 UJ	UJ	4 UJ
SW8260	XYLENES, TOTAL	ug/kg	3.6 U	3.6 U	26.5	20.5	15.5	1.7 J	1.2 J	UJ	4 UJ
SW8270	ACENAPHTHENE	ug/kg	5.5 U	5.4 U	6110	4700	8410	370	56.5 J	J	34.4 J
SW8270	ACENAPHTHYLENE	ug/kg	5.5 U	5.4 U	865	626	1250	50.4	6.14 J	J	5.7 UJ
SW8270	ANTHRACENE	ug/kg	5.5 U	5.4 U	6180	5390	19200	794	105 J	J	73 J
SW8270	BENZO(A)ANTHRACENE	ug/kg	5.5 U	5.4 U	4660	3850	21500	859	129 J	J	104 J
SW8270	BENZO(A)PYRENE	ug/kg	5.5 U	5.4 U	4670	3570	22200	740	93.7 J	J	66.2 J
SW8270	BENZO(B)FLUORANTHENE	ug/kg	5.5 U	5.4 U	3200	2600	21600	719	115 J	J	85.3 J
SW8270	BENZO(G,H,I)PERYLENE	ug/kg	5.5 U	5.4 U	2040	1840	11200	349	53.9 J	J	37.8 J
SW8270	BENZO(K)FLUORANTHENE	ug/kg	5.5 U	5.4 U	1190	1010	7530	310	56.3 J	J	41.9 J
SW8270	CHRYSENE	ug/kg	5.5 U	5.4 U	3590	2940	18600	672	87.9 J	J	67.1 J
SW8270	DIBENZO(A,H)ANTHRACENE	ug/kg	5.5 U	5.4 U	544	444	3030	105	17.1 J	J	11.4 J
SW8270	FLUORANTHENE	ug/kg	6.67	6.29	8310	7090	47500	1820	230 J	J	180 J
SW8270	FLUORENE	ug/kg	5.5 U	5.4 U	3940	3190	8850	446	56.7 J	J	34.4 J
SW8270	INDENO(1,2,3-CD)PYRENE	ug/kg	5.5 U	5.4 U	1600	1400	10800	352	60.9 J	J	42.5 J
SW8270	PHENANTHRENE	ug/kg	6.95	6.86	18100	14700	51400	2040	248 J	J	169 J
SW8270	PYRENE	ug/kg	7.81	7.66	11900	10500	40600	1370	187 J	J	154 J
SW9045	pH	S.U.	7.16	7.06	7.49	7.32	7.27	7.48	7.68	J	7.61 J

Table A1
Validated Sediment, Follow-up Sediment and Addendum 6 SMU-5 Sediment Samples

		Location	OL-VC-50001	OL-VC-50001	OL-VC-50001	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	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
		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
		Sample Delivery Group	OLS26	OLS26	OLS26	OLS26	OLS26	OLS26	OLS26	OLS26
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	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 A1
Validated Sediment, Follow-up Sediment and Addendum 6 SMU-5 Sediment Samples

		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
		Sample Delivery Group	OLS26	OLS26	OLS27	OLS27	OLS27	OLS27	OLS27	OLS27
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	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 A1
Validated Sediment, Follow-up Sediment and Addendum 6 SMU-5 Sediment Samples

		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	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
		Sample Delivery Group	OLS27	OLS27	OLS27	OLS27	OLS27	OLS27	OLS27	OLS27
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	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 A1
Validated Sediment, Follow-up Sediment and Addendum 6 SMU-5 Sediment Samples

		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
		Sample Delivery Group	OLS27	OLS27	OLS27	OLS27	OLS27	OLS28	OLS28	OLS28
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	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 A1
Validated Sediment, Follow-up Sediment and Addendum 6 SMU-5 Sediment Samples

		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	Regular sample	Regular sample	Regular sample	Regular sample	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

ATTACHMENT A-2

**VALIDATED LABORATORY DATA FOR
POREWATER AND POREWATER SEDIMENT SAMPLES**

Table A2-1
Validated Addendum 3 Porewater Samples

		Location	OL-VC-20192	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-1049-01DP	OL-1049-02DP	OL-1049-03DP	OL-1049-04DP	OL-1049-05DP	OL-1051-01DP	OL-1051-02DP	OL-1051-03DP	
		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	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	
Analytical Method	Parameter Name	Units									
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	37.1	52.8	146	178	175	14.5	80.7	58	
SW7470	MERCURY	ug/L	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U	0.084 J	
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	1 U	1 U	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 J	2 J	1 U	1 U	1 U	
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	1 U	1 J	3 J	6	1 U	1 U	1 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	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	1 U	1 U	1 U	
SW8260	1,4-DICHLOROBENZENE	ug/L	1 U	1 U	1 J	9	9	1 U	1 U	1 U	
SW8260	BENZENE	ug/L	6	9	63	120	110	3 J	37	110	
SW8260	CHLOROBENZENE	ug/L	0.8 U	0.8 U	2 J	7	7	0.8 U	1 J	0.8 U	
SW8260	ETHYLBENZENE	ug/L	0.8 U	0.8 U	1 J	3 J	2 J	0.8 U	0.8 U	0.8 J	
SW8260	NAPHTHALENE	ug/L	5	7	100	130	130	1 U	17	29	
SW8260	O-XYLENE	ug/L	1 J	1 J	11	20	15	0.8 U	4 J	5	
SW8260	TOLUENE	ug/L	0.7 U	0.7 U	1 J	4 J	5	0.7 U	4 J	9	
SW8260	XYLENES, M & P	ug/L	1 J	0.9 J	21	34	32	1 J	4 J	9	
SW8260	XYLENES, TOTAL	ug/L	2 J	2 J	32	54	47	1 J	8	15	
SW9040	pH	S.U.	8.6	7.8	7.9	7.8	7.7	7.5	9.8	11.6	

Table A2-1
Validated Addendum 3 Porewater Samples

		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-1051-04DP	OL-1051-05DP	OL-1051-06DP	OL-1051-07DP	OL-1051-08DP	OL-1051-09DP	OL-1051-10DP	OL-1050-01DP	
		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	OLS22	OLS22	OLS22	OLS22	OLS22	OLS22	OLS21	
		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	
Analytical Method	Parameter Name	Units									
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	24	13.9	13.1	13.6	12.5	10.4	7.9	111	
SW7470	MERCURY	ug/L	1.5	0.056 U	0.056 U	0.06 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	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	1 U	1 U	
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 J	1 U	1 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	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	1 U	1 U	
SW8260	1,4-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
SW8260	BENZENE	ug/L	140	16	0.5 U	0.5 U	10	13	3 J	1 J	
SW8260	CHLOROBENZENE	ug/L	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	
SW8260	ETHYLBENZENE	ug/L	3 J	1 J	0.8 U	0.8 U	0.8 U	2 J	0.8 U	0.8 U	
SW8260	NAPHTHALENE	ug/L	110	70	3 J	1 U	5 J	95	25	1 U	
SW8260	O-XYLENE	ug/L	15	7	0.8 U	0.8 U	1 J	11	3 J	0.8 U	
SW8260	TOLUENE	ug/L	17	3 J	0.7 U	0.7 U	0.7 U	4 J	0.7 J	0.7 U	
SW8260	XYLENES, M & P	ug/L	32	11	0.8 U	0.8 U	1 J	21	4 J	0.8 U	
SW8260	XYLENES, TOTAL	ug/L	47	18	0.8 U	0.8 U	2 J	32	7	0.8 U	
SW9040	pH	S.U.	11.4	9.9	7.3	7.3	7.8	9.1	9.5	10.9	

Table A2-1
Validated Addendum 3 Porewater Samples

		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-1050-02DP	OL-1050-03DP	OL-1050-04DP	OL-1050-05DP	OL-1050-06DP	OL-1050-07DP	OL-1050-08DP	OL-1050-09DP
		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	OLS21	OLS21	OLS21	OLS21	OLS21	OLS21	OLS21
		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
Analytical Method	Parameter Name	Units								
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	275	291	222	197	1.5	210	377	341
SW7470	MERCURY	ug/L	0.071 J	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U	0.099 J	0.14 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	1 U	1 U	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	1 U	1 U
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	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	1 U	1 U	1 U
SW8260	1,3-DICHLOROBENZENE	ug/L	1 U	1 U	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	1 U	1 U	1 U
SW8260	BENZENE	ug/L	2 J	1 J	1 J	2 J	0.9 J	2 J	3 J	4 J
SW8260	CHLOROBENZENE	ug/L	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
SW8260	ETHYLBENZENE	ug/L	1 J	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
SW8260	NAPHTHALENE	ug/L	2 J	1 J	6	9	1 U	1 J	6	6
SW8260	O-XYLENE	ug/L	2 J	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
SW8260	TOLUENE	ug/L	1 J	0.7 J	1 J	1 J	0.7 U	0.7 U	2 J	2 J
SW8260	XYLENES, M & P	ug/L	5	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.9 J	1 J
SW8260	XYLENES, TOTAL	ug/L	7	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.9 J	1 J
SW9040	pH	S.U.	11.8	11.9	12.2	12.4	9.1	11.5	12	12.1

Table A2-1
Validated Addendum 3 Porewater Samples

		Location	OL-VC-30135	OL-VC-30136	OL-VC-30136	OL-VC-30136	OL-VC-30136	OL-VC-30136	OL-VC-30136	OL-VC-30137	OL-VC-30137
		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	2.00-4.00 Ft	
		Field Sample ID	OL-1050-10DP	OL-1047-09DP	OL-1047-10DP	OL-1047-11DP	OL-1047-12DP	OL-1047-13DP	OL-1047-04DP	OL-1047-05DP	
		Sample Date	10/7/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	
		Sample Delivery Group	OLS21	OLS18	OLS18	OLS18	OLS18	OLS18	OLS18	OLS18	
		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	
Analytical Method	Parameter Name	Units									
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	318	90.5	177	190	174	136	27.2	26.3	
SW7470	MERCURY	ug/L	0.074 J	0.056 U	1.8 J	0.36 J	11.3 J	4.7 J	1.1 J	3.3 J	
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	50 U	10 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	50 U	10 U	
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	50 U	10 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	50 U	10 U	
SW8260	1,3-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	50 U	10 U	
SW8260	1,4-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	50 U	10 U	
SW8260	BENZENE	ug/L	2 J	6	4 J	4 J	4 J	4 J	2400	2200	
SW8260	CHLOROBENZENE	ug/L	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	40 U	8 U	
SW8260	ETHYLBENZENE	ug/L	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	40 U	8 U	
SW8260	NAPHTHALENE	ug/L	1 J	1 J	1 J	12	14	33	50 U	44	
SW8260	O-XYLENE	ug/L	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	40 U	8 U	
SW8260	TOLUENE	ug/L	0.8 J	3 J	2 J	2 J	1 J	2 J	480	410 J	
SW8260	XYLENES, M & P	ug/L	0.8 U	0.8 U	0.8 U	0.8 J	0.9 J	1 J	5 J	8 U	
SW8260	XYLENES, TOTAL	ug/L	0.8 U	0.8 U	0.8 U	0.8 J	0.9 J	1 J	5 J	8 U	
SW9040	pH	S.U.	12.1	10.5	11.7	12.1	12.1	12.1	10.6	11.2	

Table A2-1
Validated Addendum 3 Porewater Samples

		Location	OL-VC-30137	OL-VC-30137	OL-VC-30137	OL-VC-30138	OL-VC-30138	OL-VC-30138	OL-VC-30138	OL-VC-30138	OL-VC-30138
		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	8.00-9.90 Ft	
		Field Sample ID	OL-1047-06DP	OL-1047-07DP	OL-1047-08DP	OL-1046-19DP	OL-1046-20DP	OL-1047-01DP	OL-1047-02DP	OL-1047-03DP	
		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	OLS17	OLS17	OLS18	OLS18	OLS18	
		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	
Analytical Method	Parameter Name	Units									
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	25	19.6	16	51.6	32.2	15.2	13.9	10.9	
SW7470	MERCURY	ug/L	1.7 J	0.5 J	0.12 J	0.62	1.1	0.88 J	0.57 J	0.056 U	
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	10 U	10 U	10 U	20 U	50 U	50 U	50 U	50 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	10 U	10 U	10 U	20 U	50 U	50 U	50 U	50 U	
SW8260	1,2-DICHLOROBENZENE	ug/L	10 U	10 U	10 U	20 U	50 U	50 U	50 U	50 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	10 U	10 U	10 U	20 U	50 U	50 U	50 U	50 U	
SW8260	1,3-DICHLOROBENZENE	ug/L	10 U	10 U	10 U	20 U	50 U	50 U	50 U	50 U	
SW8260	1,4-DICHLOROBENZENE	ug/L	10 U	10 U	10 U	20 U	50 U	50 U	50 U	50 U	
SW8260	BENZENE	ug/L	2700	2800	1700	2600	4900	5200	3200 J	4300	
SW8260	CHLOROBENZENE	ug/L	8 U	8 U	8 U	2 U	8 U	8 U	8 U	8 U	
SW8260	ETHYLBENZENE	ug/L	8 U	8 U	8 U	2 U	8 U	8 U	8 U	40 U	
SW8260	NAPHTHALENE	ug/L	89	230	84	20 U	83	190	300	910	
SW8260	O-XYLENE	ug/L	8 U	8 U	8 U	6 J	40 U	57	43	69	
SW8260	TOLUENE	ug/L	140	14 J	8	180	520	810	600 J	750	
SW8260	XYLENES, M & P	ug/L	8 U	8 U	8 U	9 J	64 J	98 J	96	230	
SW8260	XYLENES, TOTAL	ug/L	8 U	8 U	8 U	16 U	67	190	83 J	300	
SW9040	pH	S.U.	11.3	11.2	10	11.4	11.5	11.4	11.2	11	

Table A2-1
Validated Addendum 3 Porewater Samples

		Location	OL-VC-30139	OL-VC-30139	OL-VC-30139	OL-VC-30139	OL-VC-30139	OL-VC-40254	OL-VC-40254	OL-VC-40254
		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-1048-01DP	OL-1048-02DP	OL-1048-03DP	OL-1048-04DP	OL-1048-05DP	OL-1035-11DP	OL-1035-12DP	OL-1035-13DP
		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	OLS14	OLS14	OLS14
		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
Analytical Method	Parameter Name	Units								
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	131	207	206	188	151	25.7	20.3	24.7
SW7470	MERCURY	ug/L	0.18 J	0.064 J	0.084 J	0.056 U	0.11 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	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	1 U	1 U
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	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	1 U	1 U	1 U
SW8260	1,3-DICHLOROBENZENE	ug/L	1 U	1 U	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	1 U	1 U	1 U
SW8260	BENZENE	ug/L	7	9	11	10	8	2 J	2 J	1 J
SW8260	CHLOROBENZENE	ug/L	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
SW8260	ETHYLBENZENE	ug/L	0.8 U	0.9 J	1 J	0.8 U	0.8 U	0.8 U	0.9 J	0.8 U
SW8260	NAPHTHALENE	ug/L	18	42	62	51	19	1 U	1 U	1 U
SW8260	O-XYLENE	ug/L	3 J	5	7	4 J	2 J	1 J	2 J	1 J
SW8260	TOLUENE	ug/L	4 J	6	8	6	3 J	8	9	7
SW8260	XYLENES, M & P	ug/L	5 J	11	14	9	3 J	2 J	3 J	3 J
SW8260	XYLENES, TOTAL	ug/L	7	16	21	13	5	4 J	5	4 J
SW9040	pH	S.U.	11.6	12.2	12.2	12.1	12.2	7.3	7.2	7.3

Table A2-1
Validated Addendum 3 Porewater Samples

		Location	OL-VC-40254	OL-VC-40254	OL-VC-40254	OL-VC-40255	OL-VC-40255	OL-VC-40255	OL-VC-40255	OL-VC-40255	OL-VC-40255
		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-1035-14DP	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	10/1/2009	
		Sample Delivery Group	OLS14	OLS14	OLS14	OLS14	OLS14	OLS14	OLS14	OLS14	OLS15
		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	
Analytical Method	Parameter Name	Units									
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	217	18.1	18.6	177	273	283	21.9	75.6	
SW7470	MERCURY	ug/L	0.056 U	0.056 U	0.056 U	0.056 U	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	10 U	10 U	10 U	1 U	1 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	10 U	10 U	10 U	1 U	1 U	
SW8260	1,2-DICHLOROBENZENE	ug/L	2 J	1 U	1 U	46	46	9	1 U	1 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	2 J	1 U	1 U	10 U	10 U	5	1 U	3 J	
SW8260	1,3-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	10 U	10 U	2 J	1 U	1 U	
SW8260	1,4-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	8	7	2 J	1 U	1 U	
SW8260	BENZENE	ug/L	22	1 J	1 J	13	22	22	1 J	16	
SW8260	CHLOROBENZENE	ug/L	1 J	0.8 U	0.8 U	23	11	8 U	0.8 U	1 J	
SW8260	ETHYLBENZENE	ug/L	18	0.8 U	0.8 U	39	56	39	0.8 U	9	
SW8260	NAPHTHALENE	ug/L	1 U	1 U	1 U	10 U	10 U	10 U	1 U	1 U	
SW8260	O-XYLENE	ug/L	45	1 J	1 J	67	91	77	1 J	32	
SW8260	TOLUENE	ug/L	17	7	8	21	23	21	7	14	
SW8260	XYLENES, M & P	ug/L	230	2 J	3 J	370 J	550 J	410 J	2 J	120	
SW8260	XYLENES, TOTAL	ug/L	280	4 J	4 J	440 J	660 J	490 J	3 J	150	
SW9040	pH	S.U.	9.6	7.2	7.2	9.4	10	9.5	7.6	9.5	

Table A2-1
Validated Addendum 3 Porewater Samples

		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	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	2.00-4.00 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	OL-1048-07DP	
		Sample Date	10/1/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/5/2009	10/5/2009	
		Sample Delivery Group	OLS15	OLS16	OLS16	OLS16	OLS16	OLS16	OLS19	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	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	
Analytical Method	Parameter Name	Units									
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	47	107	108	47.5	29.6	27.7	20.4	29.4	
SW7470	MERCURY	ug/L	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U	0.063 J	
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	1 U	50 U	20 U	1 U	1 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	1 U	1 U	
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	50 U	20 U	1 J	1 U	1 U	1 U	1 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	7	7 J	3 J	2 J	1 U	1 U	1 U	13	
SW8260	1,3-DICHLOROBENZENE	ug/L	1 J	50 U	7 J	1 U	1 U	1 U	1 U	5 J	
SW8260	1,4-DICHLOROBENZENE	ug/L	1 U	50 U	20 U	1 J	1 U	1 U	1 U	1 U	
SW8260	BENZENE	ug/L	10	25 U	11 J	8	5 J	3 J	0.5 U	0.8 J	
SW8260	CHLOROBENZENE	ug/L	1 J	40 U	8 J	2 J	0.8 U	0.8 U	3 J	4 J	
SW8260	ETHYLBENZENE	ug/L	10	370	180	33	6	3 J	0.8 U	2 J	
SW8260	NAPHTHALENE	ug/L	1 U	50 U	4 J	1 U	1 U	1 U	1 U	2 J	
SW8260	O-XYLENE	ug/L	35	720	350	76	13	5 J	2 J	7	
SW8260	TOLUENE	ug/L	14	43 J	27	15	11	10	0.7 U	0.7 U	
SW8260	XYLENES, M & P	ug/L	140	3600	1800 J	420	59	21	8	34	
SW8260	XYLENES, TOTAL	ug/L	180	4300	2100 J	500	73	26	10	41	
SW9040	pH	S.U.	8.8	8.6	9	9.2	9.3	9.1	7.6	8.4	

Table A2-1
Validated Addendum 3 Porewater Samples

		Location	OL-VC-40257	OL-VC-40257	OL-VC-40257	OL-VC-40258	OL-VC-40258	OL-VC-40258	OL-VC-40258	OL-VC-40258
		Sample Depth	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	6.00-8.00 Ft	8.00-9.80 Ft
		Field Sample ID	OL-1048-08DP	OL-1048-09DP	OL-1048-10DP	OL-1034-16DP	OL-1034-17DP	OL-1034-18DP	OL-1034-19DP	OL-1034-20DP
		Sample Date	10/5/2009	10/5/2009	10/5/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009
		Sample Delivery Group	OLS19	OLS19	OLS19	OLS13	OLS13	OLS13	OLS13	OLS13
		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
Analytical Method	Parameter Name	Units								
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	37.8	40.1	46.4	35.5	51.9	45.2	15.3	36.4
SW7470	MERCURY	ug/L	0.13 J	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U	0.064 J	0.078 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	1 U	1 U	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	1 U	1 U
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	9	12	1 U	1 U	1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
SW8260	1,3-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	10	11	2 J	3 J	2 J
SW8260	1,4-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	6	2 J	1 U	1 U	1 U
SW8260	BENZENE	ug/L	0.5 J	0.5 U	0.5 U	5 J	7	4 J	3 J	1 J
SW8260	CHLOROBENZENE	ug/L	0.8 U	0.8 U	0.8 U	41	10	2 J	3 J	1 J
SW8260	ETHYLBENZENE	ug/L	0.8 U	0.8 U	0.8 U	1 J	1 J	0.8 U	0.8 U	0.8 U
SW8260	NAPHTHALENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
SW8260	O-XYLENE	ug/L	0.8 U	0.8 U	0.8 U	4 J	5 J	2 J	2 J	1 J
SW8260	TOLUENE	ug/L	0.7 U	0.7 U	0.7 U	1 J	2 J	1 J	1 J	0.9 J
SW8260	XYLENES, M & P	ug/L	2 J	0.8 U	0.8 U	21	19	6	11	5
SW8260	XYLENES, TOTAL	ug/L	2 J	0.8 U	0.8 U	26	24	8	13	6
SW9040	pH	S.U.	8.4	8	8.1	8.2	8.3	8	8.1	8.1

Table A2-1
Validated Addendum 3 Porewater Samples

		Location	OL-VC-40259	OL-VC-40259	OL-VC-40259	OL-VC-40259	OL-VC-40259	OL-VC-40259	OL-VC-40260	OL-VC-40260
		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	10.00-12.00 Ft	0.00-2.00 Ft	2.00-4.00 Ft
		Field Sample ID	OL-1045-17DP	OL-1045-18DP	OL-1045-19DP	OL-1045-20DP	OL-1046-01DP	OL-1046-02DP	OL-1046-03DP	OL-1046-04DP
		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	OLS16	OLS16	OLS16	OLS16	OLS17	OLS17	OLS17	OLS17
		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
Analytical Method	Parameter Name	Units								
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	288	335	239	71.4	31.3	27.1	41.1	63.7
SW7470	MERCURY	ug/L	0.056 U	0.056 U	0.45	0.066 J	0.067 J	0.056 U	0.28	0.29
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	50 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	50 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U
SW8260	1,2-DICHLOROBENZENE	ug/L	50 U	2 J	1 J	1 U	1 U	1 U	2 J	1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	50 U	6	1 U	1 U	1 U	4 J	1 U	3 J
SW8260	1,3-DICHLOROBENZENE	ug/L	7 J	4 J	1 U	1 U	1 U	7	1 U	1 J
SW8260	1,4-DICHLOROBENZENE	ug/L	6 J	10 U	1 U	1 U	1 U	1 U	1 U	1 U
SW8260	BENZENE	ug/L	25 U	22	25	17	10	6	5	6
SW8260	CHLOROBENZENE	ug/L	7 J	8 U	0.8 J	0.8 U	0.8 U	0.8 J	3 J	0.8 U
SW8260	ETHYLBENZENE	ug/L	290	96	47	14	4 J	3 J	14	4 J
SW8260	NAPHTHALENE	ug/L	50 U	10 U	1 J	1 U	1 U	1 U	1 U	1 U
SW8260	O-XYLENE	ug/L	540	200	150	53	14	8	28	18
SW8260	TOLUENE	ug/L	35 U	22	18	14	14	13	11	9
SW8260	XYLENES, M & P	ug/L	3300	620 J	520	210	46	27	130	51
SW8260	XYLENES, TOTAL	ug/L	3900	810 J	670	260	59	35	160	69
SW9040	pH	S.U.	9.8	9.6	10	10.3	9.5	8.5	8.8	8.8

Table A2-1
Validated Addendum 3 Porewater Samples

		Location	OL-VC-40260	OL-VC-40260	OL-VC-40260	OL-VC-40260	OL-VC-40261	OL-VC-40261	OL-VC-40261	OL-VC-40261
		Sample Depth	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	4.00-6.00 Ft	6.00-8.00 Ft
		Field Sample ID	OL-1046-05DP	OL-1046-06DP	OL-1046-07DP	OL-1046-08DP	OL-1035-01DP	OL-1035-02DP	OL-1035-03DP	OL-1035-04DP
		Sample Date	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009
		Sample Delivery Group	OLS17	OLS17	OLS17	OLS17	OLS14	OLS14	OLS14	OLS14
		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
Analytical Method	Parameter Name	Units								
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	99.1	87.1	113	45.2	43.4	45.3	49.3	60.5
SW7470	MERCURY	ug/L	0.082 J	0.16 J	0.071 J	0.2	0.058 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	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	1 U	1 U
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	2 J	1 U	1 U	1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	4 J	1 U	1 U	1 U	1 U	1 J	1 U	1 U
SW8260	1,3-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	5 J	7	2 J	1 U
SW8260	1,4-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	2 J	1 U	1 U	1 U
SW8260	BENZENE	ug/L	3 J	3 J	3 J	2 J	6	6	11	11
SW8260	CHLOROBENZENE	ug/L	0.8 U	0.8 U	0.8 U	0.8 U	14	7	5 J	1 J
SW8260	ETHYLBENZENE	ug/L	5	3 J	2 J	1 J	4 J	4 J	6	5 J
SW8260	NAPHTHALENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
SW8260	O-XYLENE	ug/L	33	23	8	4 J	23	20	28	23
SW8260	TOLUENE	ug/L	6	7	8	6	3 J	2 J	3 J	4 J
SW8260	XYLENES, M & P	ug/L	56	41	19	12	80	75	120	92
SW8260	XYLENES, TOTAL	ug/L	88	64	27	15	100	95	140	110
SW9040	pH	S.U.	9.5	9.7	9.3	8.9	7.9	8	8	8.8

Table A2-1
Validated Addendum 3 Porewater Samples

		Location	OL-VC-40261	OL-VC-40262	OL-VC-40262	OL-VC-40262	OL-VC-40262	OL-VC-40262	OL-VC-40262	OL-VC-40263	OL-VC-40263
		Sample Depth	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	0.00-2.00 Ft	2.00-4.00 Ft	
		Field Sample ID	OL-1035-05DP	OL-1035-06DP	OL-1035-07DP	OL-1035-08DP	OL-1035-09DP	OL-1035-10DP	OL-1034-11DP	OL-1034-12DP	
		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	
		Sample Delivery Group	OLS14	OLS14	OLS14	OLS14	OLS14	OLS14	OLS13	OLS13	
		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	
Analytical Method	Parameter Name	Units									
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	58.7	38.8	156	173	57.7	41.8	17.3	169	
SW7470	MERCURY	ug/L	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U	0.09 J	
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	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	1 U	1 U	1 U	20 U	
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 J	
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	5	1 U	1 U	1 U	1 U	1 U	1 U	20 U	
SW8260	1,3-DICHLOROBENZENE	ug/L	1 J	1 J	1 U	1 U	1 U	2 J	1 U	20 U	
SW8260	1,4-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 J	
SW8260	BENZENE	ug/L	7	5 J	14	15	12	6	1 J	14	
SW8260	CHLOROBENZENE	ug/L	0.8 U	1 J	0.8 U	0.8 U	1 J	2 J	0.8 U	6 J	
SW8260	ETHYLBENZENE	ug/L	3 J	0.8 U	3 J	3 J	1 J	0.8 U	4 J	95 J	
SW8260	NAPHTHALENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	20 U	
SW8260	O-XYLENE	ug/L	16	2 J	7	6	3 J	1 J	12	270	
SW8260	TOLUENE	ug/L	3 J	1 J	4 J	4 J	3 J	1 J	0.7 U	8 J	
SW8260	XYLENES, M & P	ug/L	52	8	32	25	11	3 J	61	1800 J	
SW8260	XYLENES, TOTAL	ug/L	68	11	39	31	14	4 J	73	2100 J	
SW9040	pH	S.U.	8.7	8.2	9.2	9.6	8.6	8	7.4	9.5	

Table A2-1
Validated Addendum 3 Porewater Samples

		Location	OL-VC-40263	OL-VC-40263	OL-VC-40263	OL-VC-40264	OL-VC-40264	OL-VC-40264	OL-VC-40264	OL-VC-40264
		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	8.00-10.00 Ft
		Field Sample ID	OL-1034-13DP	OL-1034-14DP	OL-1034-15DP	OL-1046-09DP	OL-1046-10DP	OL-1046-11DP	OL-1046-12DP	OL-1046-13DP
		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
		Sample Delivery Group	OLS13	OLS13	OLS13	OLS17	OLS17	OLS17	OLS17	OLS17
		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
Analytical Method	Parameter Name	Units								
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	203	50.2	32.5	29.3	73.1	51.1	34.8	28.2
SW7470	MERCURY	ug/L	0.066 J	0.056 U	0.056 U	0.079 J	0.094 J	0.091 J	0.19 J	0.092 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	10 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	10 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U
SW8260	1,2-DICHLOROBENZENE	ug/L	2 J	10 U	2 U	1 U	1 U	1 U	1 U	1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	10 U	10 U	2 U	1 U	1 U	1 J	5 J	1 J
SW8260	1,3-DICHLOROBENZENE	ug/L	10 U	2 J	4 J	1 U	1 U	1 J	1 U	3 J
SW8260	1,4-DICHLOROBENZENE	ug/L	2 J	10 U	2 U	1 U	1 U	1 U	1 U	1 U
SW8260	BENZENE	ug/L	13	14 J	25	2 J	5 J	6	7	5 J
SW8260	CHLOROBENZENE	ug/L	8 U	8 U	15	2 J	2 J	2 J	0.8 U	2 J
SW8260	ETHYLBENZENE	ug/L	81	36	19	0.8 U	2 J	0.9 J	0.8 U	0.8 U
SW8260	NAPHTHALENE	ug/L	10 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U
SW8260	O-XYLENE	ug/L	210	73	72	0.8 U	3 J	3 J	3 J	7
SW8260	TOLUENE	ug/L	7 U	7 U	5 J	0.7 U	2 J	2 J	2 J	1 J
SW8260	XYLENES, M & P	ug/L	1200 J	660 J	350	3 J	13	13	7	17
SW8260	XYLENES, TOTAL	ug/L	1500 J	770 J	420	3 J	16	16	10	25
SW9040	pH	S.U.	10.1	9.5	8.5	8.3	9.3	9.2	8.6	8.1

Table A2-1
Validated Addendum 3 Porewater Samples

		Location	OL-VC-40265	OL-VC-40265	OL-VC-40265	OL-VC-40265	OL-VC-40265	OL-VC-40266	OL-VC-40266	OL-VC-40266
		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-1046-14DP	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	10/2/2009	10/1/2009	10/1/2009	10/1/2009
		Sample Delivery Group	OLS17	OLS17	OLS17	OLS17	OLS17	OLS13	OLS13	OLS13
		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
Analytical Method	Parameter Name	Units								
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	95.5	69.1	42.8	44.2	32.1	18.9	19	36.6
SW7470	MERCURY	ug/L	0.14 J	0.069 J	0.32	0.056 U	0.1 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	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	1 U	1 U
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	2 J	1 U	1 U	1 U	1 U
SW8260	1,3-DICHLOROBENZENE	ug/L	2 J	2 J	2 J	1 U	2 J	1 U	1 U	1 U
SW8260	1,4-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
SW8260	BENZENE	ug/L	6	9	10	11	7	0.7 J	2 J	5 J
SW8260	CHLOROBENZENE	ug/L	4 J	3 J	2 J	0.8 U	2 J	0.8 U	0.8 U	3 J
SW8260	ETHYLBENZENE	ug/L	5	2 J	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	2 J
SW8260	NAPHTHALENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
SW8260	O-XYLENE	ug/L	8	4 J	2 J	2 J	4 J	0.8 U	0.8 U	7
SW8260	TOLUENE	ug/L	2 J	3 J	2 J	2 J	1 J	0.7 U	0.7 U	0.7 U
SW8260	XYLENES, M & P	ug/L	61	19	8	4 J	10	0.8 U	0.9 J	24
SW8260	XYLENES, TOTAL	ug/L	69	23	10	7	15	0.8 U	0.9 J	31
SW9040	pH	S.U.	9.5	9.1	8.6	8.6	8.1	8.7	9.6	8.2

Table A2-1
Validated Addendum 3 Porewater Samples

		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	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water
Analytical Method	Parameter Name	Units							
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	40.7	61.5	20.8	42.2	62.9	51.8	52.7
SW7470	MERCURY	ug/L	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U	0.078 J	0.056 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	1 U	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	1 U
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	1 U	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	1 U	1 U
SW8260	1,3-DICHLOROBENZENE	ug/L	2 J	2 J	1 U	1 U	1 J	1 U	1 U
SW8260	1,4-DICHLOROBENZENE	ug/L	1 U	1 U	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	1 J	3 J
SW8260	CHLOROBENZENE	ug/L	5 J	4 J	2 J	1 J	2 J	1 J	2 J
SW8260	ETHYLBENZENE	ug/L	6	6	0.8 U	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	1 U	1 U
SW8260	O-XYLENE	ug/L	21	21	0.8 U	0.8 U	0.8 U	0.8 U	1 J
SW8260	TOLUENE	ug/L	2 J	3 J	0.7 U	0.7 U	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	0.8 U	3 J
SW8260	XYLENES, TOTAL	ug/L	130	140	0.8 U	0.8 U	0.8 U	0.8 U	5 J
SW9040	pH	S.U.	8.7	8.5	7.6	7.4	7.4	7.8	7.6

Table A2-1
Validated Addendum 3 Porewater Samples

		Location	OL-VC-40268	OL-VC-40268	OL-VC-40268	OL-VC-40268	OL-VC-40268	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-1045-06DP	OL-1045-07DP	OL-1045-08DP	OL-1045-09DP	OL-1045-10DP	OL-1045-11DP	OL-1049-11DP	OL-1049-12DP
		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	OLS16	OLS16	OLS16	OLS16	OLS16	OLS20	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
Analytical Method	Parameter Name	Units								
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	67.1	41.5	35.2	26.3	30.6	30.1	42.3	138
SW7470	MERCURY	ug/L	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U	0.056 U	0.15 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	1 J	1 U	1 U	1 U	1 U	1 U	1 U	10 U
SW8260	1,3-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U
SW8260	1,4-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	2 J	18 J
SW8260	BENZENE	ug/L	5 J	3 J	3 J	4 J	4 J	4 J	0.6 J	30 J
SW8260	CHLOROBENZENE	ug/L	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	8	98
SW8260	ETHYLBENZENE	ug/L	3 J	1 J	0.9 J	0.9 J	1 J	0.9 J	0.8 U	8 U
SW8260	NAPHTHALENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U
SW8260	O-XYLENE	ug/L	7	2 J	2 J	2 J	2 J	2 J	0.8 U	8 U
SW8260	TOLUENE	ug/L	10	9	9	9	9	9	0.7 U	7 U
SW8260	XYLENES, M & P	ug/L	25	5	4 J	4 J	4 J	4 J	0.8 U	8 U
SW8260	XYLENES, TOTAL	ug/L	32	7	6	5	5	5	0.8 U	8 U
SW9040	pH	S.U.	9.5	9.7	9.3	9.2	9.6	9.8	7.3	7.3

Table A2-1
Validated Addendum 3 Porewater Samples

		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
		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-1049-13DP	OL-1049-14DP	OL-1049-15DP	OL-1049-06DP	OL-1049-07DP	OL-1049-08DP	OL-1049-09DP	OL-1049-10DP
		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	OLS20	OLS20	OLS20	OLS20	OLS20	OLS20	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
Analytical Method	Parameter Name	Units								
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	113	96	100	74.5	191	198	177	143
SW7470	MERCURY	ug/L	0.056 U	0.056 U	0.056 U	0.056 U	0.35	0.81	0.58	0.056 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	10 U	10 U	10 U	1 U	1 U	10 U	100 U	10 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	10 U	10 U	10 U	1 U	1 U	10 U	100 U	10 U
SW8260	1,2-DICHLOROBENZENE	ug/L	11 J	10 U	10 U	1 U	5	21 J	67	10 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	10 U	10 U	10 U	1 U	2 J	10 U	100 U	10 U
SW8260	1,3-DICHLOROBENZENE	ug/L	10 U	10 U	10 U	1 J	4 J	17 J	19 J	10 U
SW8260	1,4-DICHLOROBENZENE	ug/L	24 J	10 U	10 U	5 J	10	79	280	10 U
SW8260	BENZENE	ug/L	15 J	6 J	7 J	5	30	30 J	50 U	18 J
SW8260	CHLOROBENZENE	ug/L	24 J	8 U	8 U	25	63	77	80 U	8 U
SW8260	ETHYLBENZENE	ug/L	8 U	8 U	12 J	0.8 U	2 J	41 J	95 J	40 J
SW8260	NAPHTHALENE	ug/L	10 U	10 U	900	2 J	24	1400	5200	810
SW8260	O-XYLENE	ug/L	10 J	8 J	17 J	0.8 U	6	100	550	110
SW8260	TOLUENE	ug/L	7 U	7 U	7 U	0.7 U	7	16 J	70 U	7 U
SW8260	XYLENES, M & P	ug/L	13 J	8 U	31 J	1 J	10	220	420 J	50 J
SW8260	XYLENES, TOTAL	ug/L	23 J	8 J	49 J	1 J	16	330	630	160
SW9040	pH	S.U.	7.2	7.5	7.2	7.4	7.6	7.7	7.6	7.1

Table A2-1
Validated Addendum 3 Porewater Samples

		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
		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-1032-01DP	OL-1032-02DP	OL-1032-03DP	OL-1032-04DP	OL-1032-05DP	OL-1032-06DP	OL-1032-07DP	OL-1032-08DP
		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
		Sample Delivery Group	OLS12	OLS12	OLS12	OLS12	OLS12	OLS12	OLS12	OLS12
		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
Analytical Method	Parameter Name	Units								
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	18.4	16.5	19.5	26.8	25.2	60.8	89.6	49.4
SW7470	MERCURY	ug/L	0.12 J	0.14 J	0.1 J	0.12 J	0.12 J	0.13 J	0.18 J	0.12 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U	5 U	10 U	1 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U	5 U	5 J	1 J
SW8260	1,2-DICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U	5 U	83	6
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	1 J	1 U	1 U	1 U	1 U	5 U	7	1 U
SW8260	1,3-DICHLOROBENZENE	ug/L	7	1 U	1 U	1 U	1 U	7	84	4 J
SW8260	1,4-DICHLOROBENZENE	ug/L	21	3 J	1 U	1 U	1 U	19	670 J	41
SW8260	BENZENE	ug/L	51	6	0.7 J	0.5 U	0.5 U	230	150	27
SW8260	CHLOROBENZENE	ug/L	290	19	1 J	0.8 U	1 J	530 J	530	53
SW8260	ETHYLBENZENE	ug/L	10	1 J	0.8 U	0.8 U	0.8 U	4 U	31 J	2 J
SW8260	NAPHTHALENE	ug/L	170	26	1 U	1 U	1 U	31	94	21
SW8260	O-XYLENE	ug/L	31	3 J	0.8 U	0.8 U	0.8 U	22	86	9
SW8260	TOLUENE	ug/L	7	0.7 U	0.7 U	0.7 U	0.7 U	12	38 J	4 J
SW8260	XYLENES, M & P	ug/L	44	4 J	0.8 U	0.8 U	0.8 U	32	240	15
SW8260	XYLENES, TOTAL	ug/L	75	7	0.8 U	0.8 U	0.8 U	53	320	24
SW9040	pH	S.U.	6.9	7.2	6.8	6.8	6.8	7.5	7.5	7.3

Table A2-1
Validated Addendum 3 Porewater Samples

		Location	OL-VC-70141	OL-VC-70141	OL-VC-70142	OL-VC-70142	OL-VC-70142	OL-VC-70142	OL-VC-70142	OL-VC-70142	OL-VC-70143
		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	
		Field Sample ID	OL-1032-09DP	OL-1032-10DP	OL-1032-11DP	OL-1032-12DP	OL-1032-13DP	OL-1032-14DP	OL-1032-15DP	OL-1045-01DP	
		Sample Date	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	OLS12	OLS12	OLS12	OLS12	OLS12	OLS12	OLS12	OLS16
		Matrix	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
		Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water
Analytical Method	Parameter Name	Units									
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	37	30.8	24.1	23.9	22.5	28	27.6	47.8	
SW7470	MERCURY	ug/L	0.12 J	0.12 J	0.12 J	0.13 J	0.12 J	0.11 J	0.11 J	0.056	U
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	2 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	U
SW8260	1,2-DICHLOROBENZENE	ug/L	9	3 J	2 J	1 U	1 U	1 U	1 U	1 U	U
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	U
SW8260	1,3-DICHLOROBENZENE	ug/L	4 J	1 J	3 J	1 U	1 U	1 U	1 U	1 J	
SW8260	1,4-DICHLOROBENZENE	ug/L	39	12	13	1 J	1 U	1 U	1 U	7	
SW8260	BENZENE	ug/L	13	4 J	8	0.5 U	0.5 U	0.5 U	0.5 U	6	
SW8260	CHLOROBENZENE	ug/L	35	19	72	4 J	0.8 U	0.8 U	0.8 U	38	
SW8260	ETHYLBENZENE	ug/L	3 J	1 J	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	U
SW8260	NAPHTHALENE	ug/L	38	16	1 U	1 U	1 U	1 U	1 U	1 U	U
SW8260	O-XYLENE	ug/L	10	3 J	3 J	0.8 U	0.8 U	0.8 U	0.8 U	1 J	
SW8260	TOLUENE	ug/L	4 J	1 J	0.8 J	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	U
SW8260	XYLENES, M & P	ug/L	19	6	2 J	0.8 U	0.8 U	0.8 U	0.8 U	1 J	
SW8260	XYLENES, TOTAL	ug/L	29	10	5 J	0.8 U	0.8 U	0.8 U	0.8 U	3 J	
SW9040	pH	S.U.	7	7.2	7.5	7.5	7.2	6.8	6.7	7.3	

Table A2-1
Validated Addendum 3 Porewater Samples

		Location	OL-VC-70143	OL-VC-70143	OL-VC-70143	OL-VC-70143
		Sample Depth	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-9.70 Ft
		Field Sample ID	OL-1045-02DP	OL-1045-03DP	OL-1045-04DP	OL-1045-05DP
		Sample Date	10/2/2009	10/2/2009	10/2/2009	10/2/2009
		Sample Delivery Group	OLS16	OLS16	OLS16	OLS16
		Matrix	WATER	WATER	WATER	WATER
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Pore water	Pore water	Pore water	Pore water
Analytical Method	Parameter Name	Units				
SM-5310-C	DISSOLVED ORGANIC CARBON	mg/L	119	84.3	74.9	73.2
SW7470	MERCURY	ug/L	0.056 U	0.056 U	0.056 U	0.056 U
SW8260	1,2,3-TRICHLOROBENZENE	ug/L	20 U	20 U	20 U	20 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/L	43 J	20 U	20 U	20 U
SW8260	1,2-DICHLOROBENZENE	ug/L	140	20 J	20 U	20 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/L	20 U	20 U	20 U	20 U
SW8260	1,3-DICHLOROBENZENE	ug/L	42 J	20 U	20 U	20 U
SW8260	1,4-DICHLOROBENZENE	ug/L	490	120	20 U	20 U
SW8260	BENZENE	ug/L	53 J	38 J	10 U	10 U
SW8260	CHLOROBENZENE	ug/L	160	75 J	16 U	16 U
SW8260	ETHYLBENZENE	ug/L	24 J	16 U	16 U	16 U
SW8260	NAPHTHALENE	ug/L	120	20 U	26 J	460
SW8260	O-XYLENE	ug/L	66 J	17 J	16 U	16 U
SW8260	TOLUENE	ug/L	15 J	14 U	14 U	14 U
SW8260	XYLENES, M & P	ug/L	170	39 J	16 U	16 U
SW8260	XYLENES, TOTAL	ug/L	230	56 J	16 U	16 U
SW9040	pH	S.U.	7.5	7.8	7.3	7.3

Table A2-2
Validated Addendum 3 Porewater Sediment Samples

		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	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	23300 J	29700	36700	32500	36300	49900 J	38800 J	25300 J
SM2540G	PERCENT MOISTURE	%	53.2	49.6	47.1	38.2	44.3	68.6	56.5	73.9
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	0.375 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	2 UJ	2 U	89 U	2 UJ	84 U	3 UJ	2 UJ	4 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	2 UJ	2 U	89 U	2 J	98 J	3 UJ	2 UJ	4 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	2 UJ	2 U	89 U	16 J	220 J	34 J	29 J	6 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	2 UJ	2 U	89 U	2 J	84 U	14 J	5 J	4 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	21 J	2 U	89 U	10 J	120 J	65 J	5 J	4 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	4 J	2 U	110 J	29 J	440	110 J	25 J	6 J
SW8260	BENZENE	ug/kg	20 J	21	420 J	95 J	420	67 J	140 J	630 J
SW8260	CHLOROBENZENE	ug/kg	11 J	2 U	89 U	16 J	130 J	60 J	18 J	4 UJ
SW8260	ETHYLBENZENE	ug/kg	2 UJ	2 U	89 U	11 J	84 U	6 J	14 J	8 J
SW8260	NAPHTHALENE	ug/kg	46 J	14	4200	600 J	5500	44 J	430 J	470 J
SW8260	O-XYLENE	ug/kg	10 J	4 J	190 J	60 J	240 J	31 J	82 J	62 J
SW8260	TOLUENE	ug/kg	2 UJ	2 U	89 U	7 J	84 U	7 J	44 J	69 J
SW8260	XYLENES, M & P	ug/kg	14 J	3 J	560	110 J	640	26 J	91 J	91 J
SW8260	XYLENES, TOTAL	ug/kg	23 J	7 J	760	170 J	890	57 J	170 J	190 J
SW9045	pH	S.U.	8.34 J	7.92	7.96	7.94	7.88	7.94 J	10.2 J	11.5 J

Table A2-2
Validated Addendum 3 Porewater Sediment Samples

		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	OLS22	OLS22	OLS22	OLS22	OLS22	OLS22	OLS21	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	
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 J	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 A2-2
Validated Addendum 3 Porewater Sediment Samples

		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	OLS21	OLS21	OLS21	OLS21	OLS21	OLS21	OLS21
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	18100 J	15900 J	11100 J	19200 J	15200 J	15500 J	13200 J	17700 J
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 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	3 UJ	3 UJ	4 UJ	4 UJ	3 UJ	4 UJ	4 UJ	3 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	3 UJ	3 UJ	4 UJ	4 UJ	3 UJ	4 UJ	4 UJ	3 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	3 UJ	3 UJ	4 UJ	4 UJ	3 UJ	4 UJ	4 UJ	3 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	3 UJ	3 UJ	4 UJ	4 UJ	3 UJ	4 UJ	4 UJ	3 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	3 UJ	3 UJ	4 UJ	4 UJ	3 UJ	4 UJ	4 UJ	3 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	3 UJ	3 UJ	4 UJ	4 UJ	3 UJ	4 UJ	4 UJ	3 UJ
SW8260	BENZENE	ug/kg	5 J	5 J	4 J	3 J	3 J	6 J	7 J	8 J
SW8260	CHLOROBENZENE	ug/kg	3 UJ	3 UJ	4 UJ	4 UJ	3 UJ	4 UJ	4 UJ	3 UJ
SW8260	ETHYLBENZENE	ug/kg	3 UJ	3 UJ	4 UJ	4 UJ	3 UJ	4 UJ	4 UJ	3 UJ
SW8260	NAPHTHALENE	ug/kg	16 J	57 J	29 J	30 J	14 J	74 J	26 J	35 J
SW8260	O-XYLENE	ug/kg	5 J	3 UJ	4 UJ	4 UJ	3 UJ	4 UJ	4 UJ	4 J
SW8260	TOLUENE	ug/kg	4 J	5 J	4 UJ	4 UJ	3 UJ	4 UJ	5 J	6 J
SW8260	XYLENES, M & P	ug/kg	4 J	4 J	4 UJ	4 UJ	3 UJ	4 UJ	4 UJ	6 J
SW8260	XYLENES, TOTAL	ug/kg	4 J	4 J	4 UJ	4 UJ	3 UJ	4 UJ	4 UJ	8 J
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 J

Table A2-2
Validated Addendum 3 Porewater Sediment Samples

		Location	OL-VC-30135	OL-VC-30136	OL-VC-30136	OL-VC-30136	OL-VC-30136	OL-VC-30136	OL-VC-30136	OL-VC-30137	OL-VC-30137
		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	2.00-4.00 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	OL-1047-05	
		Sample Date	10/7/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	
		Sample Delivery Group	OLS21	OLS18	OLS18	OLS18	OLS18	OLS18	OLS18	OLS18	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	17000 J	28500 J	20500 J	27500 J	28300 J	21000 J	26400 J	23900 J	
SM2540G	PERCENT MOISTURE	%	70.5	64.8	71.6	69.9	68.2	70.1	65.5	61.3	
SW7471	MERCURY	mg/kg	0.113 J	2.01 J	0.692 J	0.304 J	0.327 J	0.0369 UJ	0.292 J	0.112 J	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	140 UJ	2 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	140 UJ	2 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	140 UJ	2 UJ	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	140 UJ	2 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	140 UJ	2 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	140 UJ	8 J	
SW8260	BENZENE	ug/kg	7 J	12 J	12 J	7 J	9 J	8 J	5300 J	6000 J	
SW8260	CHLOROBENZENE	ug/kg	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	140 UJ	2 UJ	
SW8260	ETHYLBENZENE	ug/kg	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	140 UJ	9 J	
SW8260	NAPHTHALENE	ug/kg	20 J	20 J	30 J	24 J	130 J	94 J	2200 J	830 J	
SW8260	O-XYLENE	ug/kg	3 UJ	3 UJ	3 UJ	3 UJ	3 J	3 J	140 UJ	54 J	
SW8260	TOLUENE	ug/kg	4 J	4 J	5 J	3 UJ	5 J	5 J	3100 J	2300 J	
SW8260	XYLENES, M & P	ug/kg	3 UJ	3 J	4 J	3 UJ	7 J	7 J	140 UJ	92 J	
SW8260	XYLENES, TOTAL	ug/kg	3 UJ	3 J	4 J	3 UJ	9 J	10 J	140 UJ	200 J	
SW9045	pH	S.U.	11.9 J	11.2 J	11.7 J	11.8 J	11.8 J	11.8 J	11.1 J	11.4 J	

Table A2-2
Validated Addendum 3 Porewater Sediment Samples

		Location	OL-VC-30137	OL-VC-30137	OL-VC-30137	OL-VC-30138	OL-VC-30138	OL-VC-30138	OL-VC-30138	OL-VC-30138	OL-VC-30138
		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	8.00-9.90 Ft	
		Field Sample ID	OL-1047-06	OL-1047-07	OL-1047-08	OL-1046-19	OL-1046-20	OL-1047-01	OL-1047-02	OL-1047-03	
		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	OLS17	OLS17	OLS18	OLS18	OLS18	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	18400 J	31300 J	39300 J	23800 J	25400 J	19200 J	33700 J	27900 J	
SM2540G	PERCENT MOISTURE	%	70.7	62.8	57.5	62.9	64.5	63	66	61.7	
SW7471	MERCURY	mg/kg	0.0386 UJ	0.0402 J	0.813 J	0.0308 UJ	0.0644 J	0.0507 J	0.164 J	0.109 J	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	3 UJ	130 UJ	110 UJ	120 UJ	130 UJ	3 UJ	140 UJ	2400 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	3 UJ	130 UJ	110 UJ	120 UJ	130 UJ	3 UJ	140 UJ	2400 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	3 UJ	130 UJ	110 UJ	120 UJ	130 UJ	3 UJ	140 UJ	2400 UJ	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	3 UJ	130 UJ	110 UJ	120 UJ	130 UJ	3 UJ	140 UJ	2400 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	3 UJ	130 UJ	110 UJ	120 UJ	130 UJ	3 UJ	140 UJ	2400 UJ	
SW8260	1,4-DICHLOROBENZENE	ug/kg	3 UJ	130 UJ	110 UJ	120 UJ	130 UJ	3 UJ	140 UJ	2400 UJ	
SW8260	BENZENE	ug/kg	4800 J	4600 J	4700 J	5400 J	5300 J	3600 J	21000 J	21000 J	
SW8260	CHLOROBENZENE	ug/kg	3 UJ	130 UJ	110 UJ	120 UJ	130 UJ	3 UJ	140 UJ	2400 UJ	
SW8260	ETHYLBENZENE	ug/kg	4 J	130 UJ	110 UJ	120 UJ	130 UJ	16 J	340 J	510 J	
SW8260	NAPHTHALENE	ug/kg	660 J	4600 J	16000 J	150 J	260 J	320 J	27000 J	170000 J	
SW8260	O-XYLENE	ug/kg	18 J	130 UJ	110 UJ	120 UJ	130 UJ	120 UJ	2000 J	2600 J	
SW8260	TOLUENE	ug/kg	330 J	130 UJ	110 UJ	710 J	810 J	610 J	13000 J	12000 J	
SW8260	XYLENES, M & P	ug/kg	41 J	130 UJ	110 UJ	120 UJ	130 UJ	280 J	6500 J	9800 J	
SW8260	XYLENES, TOTAL	ug/kg	59 J	130 UJ	110 UJ	120 UJ	130 UJ	390 J	8500 J	9800 J	
SW9045	pH	S.U.	11.6 J	11.1 J	9.01 J	11.6 J	11.7 J	11.5 J	11.1 J	10.8 J	

Table A2-2
Validated Addendum 3 Porewater Sediment Samples

		Location	OL-VC-30139	OL-VC-30139	OL-VC-30139	OL-VC-30139	OL-VC-30139	OL-VC-30139	OL-VC-40254	OL-VC-40254	OL-VC-40254
		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-1048-01	OL-1048-02	OL-1048-03	OL-1048-04	OL-1048-05	OL-1035-11	OL-1035-12	OL-1035-13	
		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	OLS14	OLS14	OLS14	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	20600 J	13000 J	18400 J	16500 J	26700 J	11800	11200	15500	
SM2540G	PERCENT MOISTURE	%	75.6	68.4	81	76.8	72.9	45.3	46.1	43.5	
SW7471	MERCURY	mg/kg	1.13 J	0.199 J	0.058 UJ	0.241 J	0.239 J	0.0205 UJ	0.0203 UJ	0.0192 UJ	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	4 UJ	3 UJ	6 UJ	4 UJ	4 UJ	2 U	2 U	2 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	4 J	3 UJ	6 UJ	4 J	4 UJ	2 U	2 U	2 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	7 J	5 J	6 UJ	4 UJ	4 UJ	2 U	2 U	2 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	4 UJ	3 UJ	6 UJ	4 UJ	4 UJ	2 U	2 U	2 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	4 UJ	3 UJ	6 UJ	4 UJ	4 UJ	2 U	2 U	2 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	9 J	5 J	6 UJ	6 J	4 UJ	2 U	2 U	2 U	
SW8260	BENZENE	ug/kg	28 J	29 J	40 J	32 J	28 J	1 J	2 J	0.9 U	
SW8260	CHLOROBENZENE	ug/kg	4 UJ	3 UJ	6 UJ	4 UJ	4 UJ	2 U	2 U	2 U	
SW8260	ETHYLBENZENE	ug/kg	8 J	7 J	6 UJ	5 J	4 UJ	2 U	2 U	2 U	
SW8260	NAPHTHALENE	ug/kg	360 J	290 J	210 J	370 J	180 J	2 U	2 U	2 U	
SW8260	O-XYLENE	ug/kg	41 J	37 J	21 J	29 J	14 J	2 U	3 J	2 U	
SW8260	TOLUENE	ug/kg	28 J	32 J	28 J	24 J	14 J	7 J	13	4 J	
SW8260	XYLENES, M & P	ug/kg	92 J	95 J	46 J	62 J	26 J	4 J	9 J	2 U	
SW8260	XYLENES, TOTAL	ug/kg	130 J	130 J	67 J	91 J	40 J	4 J	12	2 U	
SW9045	pH	S.U.	11.6 J	12.1 J	12.2 J	12.1 J	12 J	7.7	7.53	7.56	

Table A2-2
Validated Addendum 3 Porewater Sediment Samples

		Location	OL-VC-40254	OL-VC-40254	OL-VC-40254	OL-VC-40255	OL-VC-40255	OL-VC-40255	OL-VC-40255	OL-VC-40255
		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-1035-14	OL-1035-15	OL-1035-16	OL-1035-17	OL-1035-18	OL-1035-19	OL-1035-20	OL-1036-01
		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
		Sample Delivery Group	OLS14	OLS14	OLS14	OLS14	OLS14	OLS14	OLS14	OLS15
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	20900 J	13300	14200	11200	9490	13600	12400	24400 J
SM2540G	PERCENT MOISTURE	%	52.7	41.6	49.1	44.8	45.6	45.4	39.4	53.4
SW7471	MERCURY	mg/kg	60.4 J	0.0188 UJ	0.0214 UJ	57.3 J	20.5 J	75.1 J	0.0182 UJ	49.4 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	7 J	2 U	2 U	93 U	91 U	93 U	2 U	5 J
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	110 UJ	2 U	2 U	93 U	91 U	93 U	2 U	9 J
SW8260	1,2-DICHLOROBENZENE	ug/kg	22 J	2 U	2 U	540	560	95 J	2 U	18 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	27 J	2 U	2 U	93 U	91 U	540	2 U	210 J
SW8260	1,3-DICHLOROBENZENE	ug/kg	110 UJ	2 U	2 U	93 U	91 U	120 J	2 U	30 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	12 J	2 U	2 U	200 J	99 J	93 U	2 U	13 J
SW8260	BENZENE	ug/kg	54 J	0.8 J	1 U	46 U	45 U	47 U	1 J	56 UJ
SW8260	CHLOROBENZENE	ug/kg	8 J	2 U	2 U	210 J	91 U	93 U	2 U	8 J
SW8260	ETHYLBENZENE	ug/kg	160 J	2 U	2 U	180	400	380	2 U	120 J
SW8260	NAPHTHALENE	ug/kg	7 J	2 U	2 U	93 U	91 U	93 U	2 U	6 J
SW8260	O-XYLENE	ug/kg	410 J	2 U	2 U	310	640 J	690 J	2 U	340 J
SW8260	TOLUENE	ug/kg	50 J	6 J	5 J	93 U	91 U	93 U	7 J	45 J
SW8260	XYLENES, M & P	ug/kg	2000 J	3 J	2 J	2000	3700	4300	4 J	1700 J
SW8260	XYLENES, TOTAL	ug/kg	2300 J	3 J	2 J	2300	4100	4900	4 J	2000 J
SW9045	pH	S.U.	9.8 J	7.69	7.5	9.45	10.1	9.56	7.79	9.34 J

Table A2-2
Validated Addendum 3 Porewater Sediment Samples

		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	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	2.00-4.00 Ft	
		Field Sample ID	OL-1036-02	OL-1045-12	OL-1045-13	OL-1045-14	OL-1045-15	OL-1045-16	OL-1048-06	OL-1048-07	
		Sample Date	10/1/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/5/2009	10/5/2009	
		Sample Delivery Group	OLS15	OLS16	OLS16	OLS16	OLS16	OLS16	OLS19	OLS19	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	21600	14600	15400	18100	21700 J	36500 J	30200	17800	
SM2540G	PERCENT MOISTURE	%	45.6	41.1	45.6	41	54.1	65.8	45.9	47.9	
SW7471	MERCURY	mg/kg	69.8	91.5	75.5	85.7	1.92 J	0.747 J	47.6 J	45.7 J	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	87 U	860 U	96 U	8 J	2 UJ	3 UJ	2 U	2 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	87 U	860 U	96 U	78 U	2 UJ	3 UJ	2 U	2 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	87 U	88 J	96 U	78 U	8 J	6 J	3 J	3 J	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	500	940 J	300 J	80 J	2 UJ	3 UJ	2 U	5 J	
SW8260	1,3-DICHLOROBENZENE	ug/kg	87 U	860 U	180 J	78 U	2 UJ	3 UJ	36	41	
SW8260	1,4-DICHLOROBENZENE	ug/kg	87 U	860 U	96 U	78 U	4 J	9 J	4 J	3 J	
SW8260	BENZENE	ug/kg	43 U	430 U	48 U	39 U	7 J	8 J	1 J	1 J	
SW8260	CHLOROBENZENE	ug/kg	87 U	860 U	96 U	78 U	4 J	7 J	49	26	
SW8260	ETHYLBENZENE	ug/kg	220 J	3500	1500	200 J	15 J	6 J	9 J	6 J	
SW8260	NAPHTHALENE	ug/kg	87 U	860 U	96 U	8 J	4 J	3 UJ	2 U	3 J	
SW8260	O-XYLENE	ug/kg	500	5500	2300	420	43 J	11 J	40	25	
SW8260	TOLUENE	ug/kg	87 U	860 U	96 U	78 U	13 J	17 J	2 U	2 U	
SW8260	XYLENES, M & P	ug/kg	3100	33000	15000	2600	180 J	47 J	180	130	
SW8260	XYLENES, TOTAL	ug/kg	3600	38000	17000	3000	220 J	57 J	220	150	
SW9045	pH	S.U.	8.96	8.84	9.23	9.43	9.49 J	9.26 J	8.43	8.62	

Table A2-2
Validated Addendum 3 Porewater Sediment Samples

		Location	OL-VC-40257	OL-VC-40257	OL-VC-40257	OL-VC-40258	OL-VC-40258	OL-VC-40258	OL-VC-40258	OL-VC-40258
		Sample Depth	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	6.00-8.00 Ft	8.00-9.80 Ft
		Field Sample ID	OL-1048-08	OL-1048-09	OL-1048-10	OL-1034-16	OL-1034-17	OL-1034-18	OL-1034-19	OL-1034-20
		Sample Date	10/5/2009	10/5/2009	10/5/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009
		Sample Delivery Group	OLS19	OLS19	OLS19	OLS13	OLS13	OLS13	OLS13	OLS13
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	27200 J	19400 J	36100	11900 J	21700	17400	21700	26300
SM2540G	PERCENT MOISTURE	%	51	51.2	49.7	53.5	44.8	45.8	46.6	45.4
SW7471	MERCURY	mg/kg	17.7 J	2.69 J	1.44 J	7.04 J	65.3 J	120 J	61.2 J	29.6 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	2 UJ	2 UJ	2 U	2 UJ	2 U	2 U	2 U	2 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	2 UJ	2 UJ	2 U	2 UJ	4 J	2 U	2 U	2 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	2 UJ	2 UJ	2 U	24 J	90	7 J	3 J	4 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	12 J	2 UJ	2 U	2 UJ	7 J	5 J	18	17
SW8260	1,3-DICHLOROBENZENE	ug/kg	2 UJ	2 UJ	2 U	37 J	100	65	89	83
SW8260	1,4-DICHLOROBENZENE	ug/kg	2 UJ	2 UJ	2 U	31 J	20	7 J	6 J	8 J
SW8260	BENZENE	ug/kg	1 UJ	1 J	2 J	5 J	6 J	8 J	3 J	3 J
SW8260	CHLOROBENZENE	ug/kg	2 UJ	2 UJ	2 J	94 J	25	24	13	13
SW8260	ETHYLBENZENE	ug/kg	2 UJ	2 UJ	2 U	4 J	5 J	8 J	8 J	8 J
SW8260	NAPHTHALENE	ug/kg	2 UJ	2 UJ	2 U	3 J	2 J	2 J	3 J	3 J
SW8260	O-XYLENE	ug/kg	7 J	2 UJ	2 U	13 J	17	33	19	21
SW8260	TOLUENE	ug/kg	2 UJ	2 UJ	2 U	2 UJ	4 J	7 J	4 J	4 J
SW8260	XYLENES, M & P	ug/kg	27 J	2 UJ	2 U	72 J	82	150	120	120
SW8260	XYLENES, TOTAL	ug/kg	34 J	2 UJ	2 U	86 J	99	180	140	140
SW9045	pH	S.U.	8.83 J	8.43 J	8.46	8.56 J	8.57	8.4	8.39	8.43

Table A2-2
Validated Addendum 3 Porewater Sediment Samples

		Location	OL-VC-40259	OL-VC-40259	OL-VC-40259	OL-VC-40259	OL-VC-40259	OL-VC-40259	OL-VC-40260	OL-VC-40260
		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	10.00-12.00 Ft	0.00-2.00 Ft	2.00-4.00 Ft
		Field Sample ID	OL-1045-17	OL-1045-18	OL-1045-19	OL-1045-20	OL-1046-01	OL-1046-02	OL-1046-03	OL-1046-04
		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	OLS16	OLS16	OLS16	OLS16	OLS17	OLS17	OLS17	OLS17
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	8230	13200	23900 J	17200 J	20300	15600	12400	22400
SM2540G	PERCENT MOISTURE	%	47.3	44.1	52.5	54.3	45.3	44.8	41.9	41.3
SW7471	MERCURY	mg/kg	25.5	99.6	51.4 J	35.7 J	49.2 J	64.6 J	56.5 J	153 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	100 U	87 U	100 UJ	110 UJ	3 J	2 U	2 J	2 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	100 U	87 U	100 UJ	110 UJ	4 J	2 U	2 J	14
SW8260	1,2-DICHLOROBENZENE	ug/kg	100 U	87 U	100 UJ	110 UJ	9	9 J	8	7 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	100 U	330 J	100 UJ	110 UJ	18 J	270	5 J	240
SW8260	1,3-DICHLOROBENZENE	ug/kg	100 U	96 J	100 UJ	110 UJ	3 J	220	4 J	42
SW8260	1,4-DICHLOROBENZENE	ug/kg	100 U	87 U	100 UJ	110 UJ	3 J	2 U	4 J	9
SW8260	BENZENE	ug/kg	51 U	46 J	50 UJ	60 J	11	7 J	5 J	6 J
SW8260	CHLOROBENZENE	ug/kg	100 U	87 U	100 UJ	110 UJ	2 U	5 J	4 J	3 J
SW8260	ETHYLBENZENE	ug/kg	950	860	300 J	180 J	21 J	15	30	40
SW8260	NAPHTHALENE	ug/kg	100 U	87 U	100 UJ	110 UJ	6 J	10	2 J	10
SW8260	O-XYLENE	ug/kg	1700	1600	790 J	240 J	85	43	67	180
SW8260	TOLUENE	ug/kg	100 U	87 U	100 UJ	110 UJ	18	19	14	15
SW8260	XYLENES, M & P	ug/kg	13000	9900	4800 J	2900 J	310 J	160	300	530
SW8260	XYLENES, TOTAL	ug/kg	15000	12000	5600 J	3100 J	390 J	200	370	710
SW9045	pH	S.U.	9.82	9.74	10.1 J	10.3 J	9.91	8.82	9.34	9.13

Table A2-2
Validated Addendum 3 Porewater Sediment Samples

		Location	OL-VC-40260	OL-VC-40260	OL-VC-40260	OL-VC-40260	OL-VC-40261	OL-VC-40261	OL-VC-40261	OL-VC-40261
		Sample Depth	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	4.00-6.00 Ft	6.00-8.00 Ft
		Field Sample ID	OL-1046-05	OL-1046-06	OL-1046-07	OL-1046-08	OL-1035-01	OL-1035-02	OL-1035-03	OL-1035-04
		Sample Date	10/2/2009	10/2/2009	10/2/2009	10/2/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009
		Sample Delivery Group	OLS17	OLS17	OLS17	OLS17	OLS14	OLS14	OLS14	OLS14
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	30300	19200	23300	22800 J	11400	20800	24000	27500 J
SM2540G	PERCENT MOISTURE	%	45.6	46.6	46.9	51.3	35.5	43.2	48.3	51.5
SW7471	MERCURY	mg/kg	49.7 J	43.2 J	27.3 J	28.6 J	2.06 J	58.8 J	72.8 J	50.4 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	2 U	2 U	2 U	2 UJ	2 U	2 U	94 U	5 J
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	5 J	2 J	3 J	2 UJ	2 U	8 J	94 U	7 J
SW8260	1,2-DICHLOROBENZENE	ug/kg	5 J	5 J	7 J	3 J	4 J	11	94 U	8 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	69	5 J	2 U	2 UJ	2 U	79	250 J	58 J
SW8260	1,3-DICHLOROBENZENE	ug/kg	3 J	2 U	2 U	2 UJ	8 J	210	190 J	9 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	2 J	2 J	3 J	2 UJ	3 J	18	94 U	5 J
SW8260	BENZENE	ug/kg	3 J	3 J	3 J	2 J	3 J	11	47 U	24 J
SW8260	CHLOROBENZENE	ug/kg	2 U	2 U	2 U	2 UJ	15	44	94 U	5 J
SW8260	ETHYLBENZENE	ug/kg	26	13	12	5 J	6 J	45	140 J	58 J
SW8260	NAPHTHALENE	ug/kg	7 J	5 J	6 J	3 J	2 U	6 J	94 U	5 J
SW8260	O-XYLENE	ug/kg	190	100	78	22 J	30 J	200	460	260 J
SW8260	TOLUENE	ug/kg	13	11	6 J	7 J	3 J	7 J	94 U	18 J
SW8260	XYLENES, M & P	ug/kg	360	200	230	81 J	110 J	790	2700	1000 J
SW8260	XYLENES, TOTAL	ug/kg	550	300	310	100 J	140 J	990	3100	1300 J
SW9045	pH	S.U.	9.75	9.72	9.46	9.33 J	8.18	8.51	8.66	9.22 J

Table A2-2
Validated Addendum 3 Porewater Sediment Samples

		Location	OL-VC-40261	OL-VC-40262	OL-VC-40262	OL-VC-40262	OL-VC-40262	OL-VC-40262	OL-VC-40262	OL-VC-40263	OL-VC-40263
		Sample Depth	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	0.00-2.00 Ft	2.00-4.00 Ft	
		Field Sample ID	OL-1035-05	OL-1035-06	OL-1035-07	OL-1035-08	OL-1035-09	OL-1035-10	OL-1034-11	OL-1034-12	
		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	
		Sample Delivery Group	OLS14	OLS14	OLS14	OLS14	OLS14	OLS14	OLS13	OLS13	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	18100	13600	13600	16200	20400	21800	12100	12100	
SM2540G	PERCENT MOISTURE	%	43.8	43.1	43.6	48.5	47.4	49.9	44.9	43.4	
SW7471	MERCURY	mg/kg	59.4 J	4.99 J	67.2 J	37.9 J	37.3 J	63.5 J	35.2 J	17.7 J	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	2 U	2 U	2 J	6 J	2 U	2 U	88 U	87 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	6 J	2 U	16	5 J	4 J	2 U	88 U	87 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	7 J	11	18	6 J	5 J	6 J	88 U	87 U	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	420	2 U	49	2 U	20	7 J	88 U	87 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	47	39	47	2 U	49	95	88 U	87 U	
SW8260	1,4-DICHLOROBENZENE	ug/kg	6 J	12	14	3 J	6 J	9 J	88 U	87 U	
SW8260	BENZENE	ug/kg	14	9	16	26	17	11	44 U	44 U	
SW8260	CHLOROBENZENE	ug/kg	7 J	13	7 J	2 J	9 J	26	88 U	87 U	
SW8260	ETHYLBENZENE	ug/kg	40	5 J	20	13	4 J	3 J	180 J	430 J	
SW8260	NAPHTHALENE	ug/kg	6 J	2 J	5 J	3 J	2 J	4 J	88 U	87 U	
SW8260	O-XYLENE	ug/kg	200	28	64	50	18	13	410 J	960	
SW8260	TOLUENE	ug/kg	13	3 J	10	11	6 J	4 J	88 U	87 U	
SW8260	XYLENES, M & P	ug/kg	730	110	340	240	68	2700	7100		
SW8260	XYLENES, TOTAL	ug/kg	930	140	410	290	85	54	3100	8100	
SW9045	pH	S.U.	9.08	8.78	9.23	9.58	8.65	8.44	8.91	9.74	

Table A2-2
Validated Addendum 3 Porewater Sediment Samples

		Location	OL-VC-40263	OL-VC-40263	OL-VC-40263	OL-VC-40264	OL-VC-40264	OL-VC-40264	OL-VC-40264	OL-VC-40264
		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	8.00-10.00 Ft
		Field Sample ID	OL-1034-13	OL-1034-14	OL-1034-15	OL-1046-09	OL-1046-10	OL-1046-11	OL-1046-12	OL-1046-13
		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
		Sample Delivery Group	OLS13	OLS13	OLS13	OLS17	OLS17	OLS17	OLS17	OLS17
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	8890	6780	16700	11300 J	7950	18400	21700	19600
SM2540G	PERCENT MOISTURE	%	42.9	42.6	44.9	53.4	47.7	47.6	48.9	49.7
SW7471	MERCURY	mg/kg	56.8 J	28.3 J	79.5 J	3.57 J	23.6 J	76.2 J	40.2 J	62.8 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	82 U	81 U	88 U	2 UJ	3 J	2 U	2 U	2 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	82 U	81 U	88 U	4 J	5 J	20	10	2 J
SW8260	1,2-DICHLOROBENZENE	ug/kg	82 U	81 U	88 U	19 J	11	10	5 J	8 J
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	82 U	81 U	88 U	15 J	10	300	290	18
SW8260	1,3-DICHLOROBENZENE	ug/kg	82 U	81 U	190 J	14 J	26	72	13	100
SW8260	1,4-DICHLOROBENZENE	ug/kg	82 U	81 U	88 U	13 J	9	10	3 J	12
SW8260	BENZENE	ug/kg	41 U	40 U	44 U	7 J	9 J	19	12	9 J
SW8260	CHLOROBENZENE	ug/kg	82 U	81 U	170 J	16 J	14	26	4 J	25
SW8260	ETHYLBENZENE	ug/kg	340 J	250	170 J	7 J	11	20	4 J	17
SW8260	NAPHTHALENE	ug/kg	82 U	9 J	88 U	3 J	3 J	5 J	2 J	5 J
SW8260	O-XYLENE	ug/kg	770	600 J	530	23 J	31	75	37	130
SW8260	TOLUENE	ug/kg	82 U	81 U	88 U	5 J	8 J	19	6 J	6 J
SW8260	XYLENES, M & P	ug/kg	6000	3800	2800	130 J	190	370	72	410
SW8260	XYLENES, TOTAL	ug/kg	6700	4400	3300	150 J	230	440	110	540
SW9045	pH	S.U.	10.1	9.35	8.49	8.88 J	9.59	8.9	8.74	8.49

Table A2-2
Validated Addendum 3 Porewater Sediment Samples

		Location	OL-VC-40265	OL-VC-40265	OL-VC-40265	OL-VC-40265	OL-VC-40265	OL-VC-40266	OL-VC-40266	OL-VC-40266
		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-1046-14	OL-1046-15	OL-1046-16	OL-1046-17	OL-1046-18	OL-1034-06	OL-1034-07	OL-1034-08
		Sample Date	10/2/2009	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	OLS17	OLS13	OLS13	OLS13
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	10900 J	15200	20500	21300 J	23200	4960	6180	14100
SM2540G	PERCENT MOISTURE	%	54.4	44.1	49.9	53.6	48.8	45.4	33.3	36.8
SW7471	MERCURY	mg/kg	12.1 J	52.9 J	43.9 J	33 J	92.4 J	0.432 J	0.766 J	2.55 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	6 J	2 U	12	7 J	2 UJ	2 U	2 U	77 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	10 J	3 J	13	24 J	2 J	2 U	2 U	77 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	10 J	4 J	4 J	8 J	16 J	2 U	2 J	77 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	4 J	21	42	250 J	13 J	2 U	3 J	77 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	44 J	56	6 J	17 J	210 J	2 U	12	60
SW8260	1,4-DICHLOROBENZENE	ug/kg	15 J	6 J	3 J	4 J	22 J	2 U	2 U	84 J
SW8260	BENZENE	ug/kg	15 J	14	16	16 J	14 J	3 J	3 J	38 U
SW8260	CHLOROBENZENE	ug/kg	27 J	17	3 J	4 J	43 J	2 U	4 J	94 J
SW8260	ETHYLBENZENE	ug/kg	31 J	8 J	3 J	4 J	20 J	2 U	2 J	86
SW8260	NAPHTHALENE	ug/kg	6 J	2 J	2 U	2 J	9 J	2 U	2 U	77 U
SW8260	O-XYLENE	ug/kg	77 J	25	17	33 J	150 J	4 J	15	290 J
SW8260	TOLUENE	ug/kg	10 J	9	8 J	8 J	8 J	2 U	2 U	77 U
SW8260	XYLENES, M & P	ug/kg	570 J	140	49	71 J	470 J	6 J	30	1700
SW8260	XYLENES, TOTAL	ug/kg	650 J	160	66	100 J	630 J	10	45	2000
SW9045	pH	S.U.	9.64 J	8.95	8.99	8.72 J	8.5	9.54	8.66	8.71

Table A2-2
Validated Addendum 3 Porewater Sediment Samples

		Location	OL-VC-40266	OL-VC-40266	OL-VC-40267	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-1034-09	OL-1034-10	OL-1034-01	OL-1034-02	OL-1034-03	OL-1034-04	OL-1034-05	
		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	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		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	
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	14900	12500	11700	10300	20700	11500	13100	
SM2540G	PERCENT MOISTURE	%	41.4	45.9	36.1	40.8	40	39	42.3	
SW7471	MERCURY	mg/kg	31.2 J	68.8 J	0.826 J	0.669 J	3.02 J	3.51 J	2.6 J	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	82 U	94 U	1 U	2 U	2 U	2 U	2 U	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	82 U	94 U	1 U	2 U	2 U	2 U	2 U	
SW8260	1,2-DICHLOROBENZENE	ug/kg	82 U	94 U	1 U	2 J	6 J	4 J	13	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	82 U	190 J	1 U	2 U	2 U	2 U	2 U	
SW8260	1,3-DICHLOROBENZENE	ug/kg	89 J	98 J	1 U	30	72	10	39	
SW8260	1,4-DICHLOROBENZENE	ug/kg	82 U	94 U	1 U	3 J	11	4 J	14	
SW8260	BENZENE	ug/kg	41 U	47 U	0.7 U	0.8 J	3 J	3 J	7 J	
SW8260	CHLOROBENZENE	ug/kg	82 U	94 U	2 J	9	32	6 J	34	
SW8260	ETHYLBENZENE	ug/kg	82 U	99 J	1 U	2 U	2 U	2 U	8 J	
SW8260	NAPHTHALENE	ug/kg	82 U	94 U	1 U	2 U	2 J	2 U	2 J	
SW8260	O-XYLENE	ug/kg	220	270	1 U	2 U	2 U	4 J	35	
SW8260	TOLUENE	ug/kg	82 U	94 U	1 U	2 U	2 U	2 U	3 J	
SW8260	XYLENES, M & P	ug/kg	1200 J	1700	1 U	2 J	4 J	8 J	140	
SW8260	XYLENES, TOTAL	ug/kg	1400 J	1900	1 U	2 J	4 J	12	180	
SW9045	pH	S.U.	8.81	8.85	7.82	7.74	7.56	7.68	8.09	

Table A2-2
Validated Addendum 3 Porewater Sediment Samples

		Location	OL-VC-40268	OL-VC-40268	OL-VC-40268	OL-VC-40268	OL-VC-40268	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	OLS16	OLS16	OLS16	OLS16	OLS16	OLS20	OLS20
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water
Analytical 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	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	3 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	2 U	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	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	2 UJ	2 UJ	2 UJ	2 UJ	3 J	24 J
SW8260	1,3-DICHLOROBENZENE	ug/kg	2 U	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	27 J	360 J
SW8260	1,4-DICHLOROBENZENE	ug/kg	2 J	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	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	130 UJ
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 A2-2
Validated Addendum 3 Porewater Sediment Samples

		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
		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	OLS20	OLS20	OLS20	OLS20	OLS20	OLS20	OLS20
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water
Analytical 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 J
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 J
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	120 UJ	120 UJ	110 UJ	3 UJ	3 UJ	130 UJ	110 J	110 UJ
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	270 J	120 UJ	110 UJ	3 UJ	35 J	130 UJ	1000 UJ	110 UJ
SW8260	1,2-DICHLOROBENZENE	ug/kg	930 J	120 UJ	110 UJ	18 J	250 J	910 J	460 J	110 UJ
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	160 J	120 UJ	110 UJ	4 J	98 J	130 UJ	1000 UJ	110 UJ
SW8260	1,3-DICHLOROBENZENE	ug/kg	440 J	120 UJ	110 UJ	37 J	150 J	600 J	160 J	110 UJ
SW8260	1,4-DICHLOROBENZENE	ug/kg	2300 J	220 J	170 J	150 J	790 J	2300 J	2300 J	110 UJ
SW8260	BENZENE	ug/kg	150 J	82 J	80 J	9 J	210 J	340 J	500 UJ	210 J
SW8260	CHLOROBENZENE	ug/kg	1200 J	150 J	110 UJ	270 J	2700 J	2200 J	1100 J	110 UJ
SW8260	ETHYLBENZENE	ug/kg	150 J	120 UJ	250 J	3 UJ	33 J	940 J	1400 J	290 J
SW8260	NAPHTHALENE	ug/kg	810 J	560 J	13000 J	3 UJ	99 J	24000 J	71000 J	3000 J
SW8260	O-XYLENE	ug/kg	320 J	150 J	280 J	9 J	86 J	2000 J	2500 J	610 J
SW8260	TOLUENE	ug/kg	120 UJ	160 J	130 J	4 J	87 J	490 J	180 J	370 J
SW8260	XYLENES, M & P	ug/kg	720 J	160 J	560 J	19 J	180 J	5000 J	5700 J	270 J
SW8260	XYLENES, TOTAL	ug/kg	960 J	300 J	830 J	29 J	290 J	7000 J	8100 J	880 J
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 J

Table A2-2
Validated Addendum 3 Porewater Sediment Samples

		Location	OL-VC-70140	OL-VC-70140	OL-VC-70140	OL-VC-70140	OL-VC-70140	OL-VC-70140	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	
		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	
		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	
		Sample Delivery Group	OLS12	OLS12	OLS12	OLS12	OLS12	OLS12	OLS12	OLS12	
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	
		Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	
Analytical Method	Parameter Name	Units									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	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	7.11 J	0.018 UJ	0.0186 UJ	0.0178 UJ	0.0233 J	22.2 J	27.3 J	19 J	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	73 UJ	2 U	2 U	2 U	2 U	140 J	830 U	96 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	73 UJ	2 U	2 U	2 U	2 U	360 J	830 U	96 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	75 J	2 U	2 U	2 U	2 U	870 J	3400 J	260 J	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	73 UJ	2 J	2 U	2 U	2 U	130 J	830 U	96 UJ	
SW8260	1,3-DICHLOROBENZENE	ug/kg	330 J	5 J	2 U	2 U	2 U	590 J	4300 J	810 J	
SW8260	1,4-DICHLOROBENZENE	ug/kg	1700 J	15	4 J	2 U	4 J	4000 J	41000	5600 J	
SW8260	BENZENE	ug/kg	510 J	4 J	1 J	0.8 U	1 J	1600 J	620 J	390 J	
SW8260	CHLOROBENZENE	ug/kg	2600 J	31	10	2 U	19	16000 J	7300	3700 J	
SW8260	ETHYLBENZENE	ug/kg	220 J	3 J	2 U	2 U	2 U	79 UJ	830 U	110 J	
SW8260	NAPHTHALENE	ug/kg	4100 J	78	21	2 U	4 J	570 J	6700	2100 J	
SW8260	O-XYLENE	ug/kg	270 J	10	2 J	2 U	2 U	180 J	1300 J	390 J	
SW8260	TOLUENE	ug/kg	120 J	2 U	2 U	2 U	2 U	200 J	830 U	100 J	
SW8260	XYLENES, M & P	ug/kg	440 J	12	2 J	2 U	2 U	290 J	3800 J	550 J	
SW8260	XYLENES, TOTAL	ug/kg	710 J	22	4 J	2 U	2 U	470 J	5100 J	930 J	
SW9045	pH	S.U.	7.52	7.54	7.48	7.74	7.42	7.9	7.97	7.82	

Table A2-2
Validated Addendum 3 Porewater Sediment Samples

		Location	OL-VC-70141	OL-VC-70141	OL-VC-70142	OL-VC-70142	OL-VC-70142	OL-VC-70142	OL-VC-70142	OL-VC-70142	OL-VC-70143
		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	
		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	
		Sample Date	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	OLS12	OLS12	OLS12	OLS12	OLS12	OLS12	OLS12	OLS16
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water
Analytical Method	Parameter Name	Units									
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	44800	22700	35800	10100	20800	18900	23500	49200	J
SM2540G	PERCENT MOISTURE	%	42.7	47	42.4	34.9	46.6	46.5	46.1	58.4	
SW7471	MERCURY	mg/kg	2.94 J	0.0868 J	4.47 J	0.109 J	0.0203 UJ	0.0203 UJ	0.0212 UJ	5.28 J	
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	2 UJ	2 U	97 J	1 U	2 U	2 U	2 U	2 UJ	
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	5 J	3 J	93 J	1 U	2 U	2 U	2 U	2 UJ	
SW8260	1,2-DICHLOROBENZENE	ug/kg	36 J	9 J	91 J	1 U	2 U	2 U	2 U	45 J	
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	3 J	2 U	83 UJ	1 U	2 U	2 U	2 U	9 J	
SW8260	1,3-DICHLOROBENZENE	ug/kg	28 J	5 J	130 J	1 U	2 U	2 U	2 U	110 J	
SW8260	1,4-DICHLOROBENZENE	ug/kg	220 J	41	970 J	4 J	2 U	2 U	2 U	650 J	
SW8260	BENZENE	ug/kg	11 J	4 J	140 J	0.7 U	0.9 U	0.9 U	0.9 U	57 UJ	
SW8260	CHLOROBENZENE	ug/kg	71 J	28	1500 J	7 J	2 U	2 U	2 U	770 J	
SW8260	ETHYLBENZENE	ug/kg	15 J	2 J	83 UJ	1 U	2 U	2 U	2 U	2 UJ	
SW8260	NAPHTHALENE	ug/kg	370 J	33	320 J	2 J	2 U	2 U	2 U	9 J	
SW8260	O-XYLENE	ug/kg	51 J	8 J	83 UJ	1 U	2 U	2 U	2 U	33 J	
SW8260	TOLUENE	ug/kg	7 J	2 J	110 J	1 U	2 U	2 U	2 U	4 J	
SW8260	XYLENES, M & P	ug/kg	74 J	14	130 J	1 U	2 U	2 U	2 U	31 J	
SW8260	XYLENES, TOTAL	ug/kg	90 J	22	130 J	1 U	2 U	2 U	2 U	64 J	
SW9045	pH	S.U.	7.48	7.44	7.8	7.85	7.55	7.37	7.44	7.71	J

Table A2-2
Validated Addendum 3 Porewater Sediment Samples

		Location	OL-VC-70143	OL-VC-70143	OL-VC-70143	OL-VC-70143
		Sample Depth	2.00-4.00 Ft	4.00-6.00 Ft	6.00-8.00 Ft	8.00-9.70 Ft
		Field Sample ID	OL-1045-02	OL-1045-03	OL-1045-04	OL-1045-05
		Sample Date	10/2/2009	10/2/2009	10/2/2009	10/2/2009
		Sample Delivery Group	OLS16	OLS16	OLS16	OLS16
		Matrix	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Pore water	Pore water	Pore water	Pore water
Analytical Method	Parameter Name	Units				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	82100 J	31900 J	48600	45500
SM2540G	PERCENT MOISTURE	%	55.2	52.4	48.5	48.8
SW7471	MERCURY	mg/kg	21.9 J	22.3 J	3.83	2.84
SW8260	1,2,3-TRICHLOROBENZENE	ug/kg	110 UJ	100 UJ	93 U	100 U
SW8260	1,2,4-TRICHLOROBENZENE	ug/kg	2500 J	140 J	93 U	100 U
SW8260	1,2-DICHLOROBENZENE	ug/kg	5500 J	470 J	93 U	100 U
SW8260	1,3,5-TRICHLOROBENZENE	ug/kg	250 J	100 UJ	93 U	100 U
SW8260	1,3-DICHLOROBENZENE	ug/kg	920 J	360 J	93 U	100 U
SW8260	1,4-DICHLOROBENZENE	ug/kg	11000 J	2700 J	230 J	100 U
SW8260	BENZENE	ug/kg	480 J	150 J	47 U	82 J
SW8260	CHLOROBENZENE	ug/kg	4000 J	1100 J	110 J	100 U
SW8260	ETHYLBENZENE	ug/kg	740 J	100 UJ	93 U	100 U
SW8260	NAPHTHALENE	ug/kg	9300 J	620 J	830	16000
SW8260	O-XYLENE	ug/kg	1600 J	360 J	230 J	300 J
SW8260	TOLUENE	ug/kg	320 J	100 UJ	93 U	170 J
SW8260	XYLENES, M & P	ug/kg	4100 J	560 J	140 J	570
SW8260	XYLENES, TOTAL	ug/kg	5700 J	920 J	370 J	870
SW9045	pH	S.U.	7.78 J	7.7 J	7.69	7.56

ATTACHMENT A-3

**VALIDATED LABORATORY DATA FOR GROUNDWATER
VIBRACORE SAMPLES**

Table A3
Validated Groundwater Vibracores Samples

		Location	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
		Field Sample ID	OL-1013-02	OL-1013-03	OL-1013-04	OL-1013-05	OL-1013-06	OL-1013-07	OL-1013-08
		Sample Date	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
		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
Analytical Method	Parameter Name	Units							
E300.0	CHLORIDE	mg/L	1330	1530	1920	2020	2380	2710	2800 J
E300.0	SULFATE	mg/L							46.8
E353.2	NITROGEN, NITRATE (AS N)	mg/L							0.12 U
E353.2	NITROGEN, NITRATE-NITRITE	mg/L							0.1 U
SM2520B	SALINITY	Ratio	2.7	3.1	3.6	4.1	4.3	4.7	5.5
SM4500-NO2B	NITROGEN, NITRITE	ug/L							20 U
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l							0.1 U
SW6010	CALCIUM	mg/L							946
SW6010	IRON	mg/L							1.19
SW6010	MAGNESIUM	mg/L							9.72 J
SW6010	MANGANESE	mg/L							0.0718
SW6010	POTASSIUM	mg/L							79.5
SW6010	SODIUM	mg/L							792
SW9050	Conductivity	umhos/cm	4780	5460	6240	7200	7400	8140	9320

Table A3
Validated Groundwater Vibracores Samples

		Location	OL-VC-40246	OL-VC-40246	OL-VC-40246	OL-VC-40246	OL-VC-40246	OL-VC-40246	OL-VC-40247
		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
		Field Sample ID	OL-1013-09	OL-1013-10	OL-1013-11	OL-1013-12	OL-1013-13	OL-1013-14	OL-1005-15
		Sample Date	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/25/2009
		Sample Delivery Group	JA26663	JA26663	JA26663	JA26663	JA26663	JA26663	JA26428
		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
Analytical Method	Parameter Name	Units							
E300.0	CHLORIDE	mg/L	3090 J	3250 J	3120 J	3510 J	3440 J	2770 J	503
E300.0	SULFATE	mg/L	137	142	106	32.2	13.4	35.7	
E353.2	NITROGEN, NITRATE (AS N)	mg/L	0.12 U	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	0.1 U	
SM2520B	SALINITY	Ratio	6.2	6.5	6.7	6.5	6.3	6.4	1.4
SM4500-NO2B	NITROGEN, NITRITE	ug/L	20 U	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	0.1 U	
SW6010	CALCIUM	mg/L	1210	1380	1190	1160	725	455	
SW6010	IRON	mg/L	2.07	3.21	1.39	3.13	4.86	2.05	
SW6010	MAGNESIUM	mg/L	6.87 J	8.32 J	5.66 J	74.6	158	162	
SW6010	MANGANESE	mg/L	0.136	0.256	0.0762	0.288	0.322	0.294	
SW6010	POTASSIUM	mg/L	87.6	93.6	100	93.6	101	97.6	
SW6010	SODIUM	mg/L	842	870	944	888	931	905	
SW9050	Conductivity	umhos/cm	10500	10900	11200	11000	10700	10800	2590

Table A3
Validated Groundwater Vibracores Samples

		Location	OL-VC-40247	OL-VC-40247	OL-VC-40247	OL-VC-40247	OL-VC-40247	OL-VC-40247	OL-VC-40247
		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
		Field Sample ID	OL-1005-16	OL-1005-17	OL-1005-18	OL-1005-19	OL-1005-20	OL-1006-01	OL-1006-02
		Sample Date	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009	8/25/2009
		Sample Delivery Group	JA26428	JA26428	JA26428	JA26428	JA26428	JA26429	JA26429
		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
Analytical Method	Parameter Name	Units							
E300.0	CHLORIDE	mg/L	715	950	1360	1650	1880	1980	2260 J
E300.0	SULFATE	mg/L							70.4
E353.2	NITROGEN, NITRATE (AS N)	mg/L							0.11 U
E353.2	NITROGEN, NITRATE-NITRITE	mg/L							0.1 U
SM2520B	SALINITY	Ratio	1.8	2.1	2.7	3.3	3.7	4	4.5
SM4500-NO2B	NITROGEN, NITRITE	ug/L							10 U
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l							0.36
SW6010	CALCIUM	mg/L							124
SW6010	IRON	mg/L							1.69
SW6010	MAGNESIUM	mg/L							341
SW6010	MANGANESE	mg/L							0.269
SW6010	POTASSIUM	mg/L							81.6
SW6010	SODIUM	mg/L							708
SW9050	Conductivity	umhos/cm	3210	3830	4790	5740	6430	6910	7770

Table A3
Validated Groundwater Vibracores Samples

		Location	OL-VC-40247	OL-VC-40247	OL-VC-40247	OL-VC-40247	OL-VC-40247	OL-VC-40247	OL-VC-40248
		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
		Field Sample ID	OL-1006-03	OL-1006-04	OL-1006-05	OL-1006-06	OL-1006-07	OL-1006-08	OL-1014-08
		Sample Date	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	JA26664
		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
Analytical Method	Parameter Name	Units							
E300.0	CHLORIDE	mg/L	2550 J	2640 J	2930 J	2960 J	3020 J	3030 J	1130
E300.0	SULFATE	mg/L	31.5	21.9	28.8	59	155	89.7	
E353.2	NITROGEN, NITRATE (AS N)	mg/L	0.11 U	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	0.1 U	
SM2520B	SALINITY	Ratio	4.9	5.1	5.5	6	6	5.9	2.2
SM4500-NO2B	NITROGEN, NITRITE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l	0.35	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
SW6010	CALCIUM	mg/L	99.9	222	487	758	947	970	
SW6010	IRON	mg/L	1.72	1.67	1.43	1.63	0.644	3.26	
SW6010	MAGNESIUM	mg/L	347	266	91.6	19.9	3.61 J	7.85	
SW6010	MANGANESE	mg/L	0.164	0.157	0.143	0.0657	0.0495	0.135	
SW6010	POTASSIUM	mg/L	112	123	149	147	144	153	
SW6010	SODIUM	mg/L	840	918	965	900	925	1000	
SW9050	Conductivity	umhos/cm	8430	8800	9420	10200	10300	10000	4010

Table A3
Validated Groundwater Vibracores Samples

		Location	OL-VC-40248	OL-VC-40248	OL-VC-40248	OL-VC-40248	OL-VC-40248	OL-VC-40248	OL-VC-40248
		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
		Field Sample ID	OL-1014-09	OL-1014-10	OL-1014-11	OL-1014-12	OL-1014-13	OL-1014-14	OL-1014-15
		Sample Date	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
		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
Analytical Method	Parameter Name	Units							
E300.0	CHLORIDE	mg/L	841	932	1210	1910	1800	2050	2750 J
E300.0	SULFATE	mg/L							15.9
E353.2	NITROGEN, NITRATE (AS N)	mg/L							0.12 U
E353.2	NITROGEN, NITRATE-NITRITE	mg/L							0.1 U
SM2520B	SALINITY	Ratio	1.8	1.9	2.4	3.8	3.9	4.4	5.1
SM4500-NO2B	NITROGEN, NITRITE	ug/L							20 U
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l							0.1 U
SW6010	CALCIUM	mg/L							655
SW6010	IRON	mg/L							2.53
SW6010	MAGNESIUM	mg/L							142
SW6010	MANGANESE	mg/L							0.203
SW6010	POTASSIUM	mg/L							95.3
SW6010	SODIUM	mg/L							728
SW9050	Conductivity	umhos/cm	3300	3510	4310	6650	6660	7530	8730

Table A3
Validated Groundwater Vibracores Samples

		Location	OL-VC-40248	OL-VC-40248	OL-VC-40248	OL-VC-40248	OL-VC-40248	OL-VC-40248	OL-VC-40248
		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	8.00-8.50 Ft	0.00-0.25 Ft
		Field Sample ID	OL-1014-16	OL-1014-17	OL-1014-18	OL-1014-19	OL-1014-20	OL-1014-21	OL-1013-15
		Sample Date	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	JA26663
		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
Analytical Method	Parameter Name	Units							
E300.0	CHLORIDE	mg/L	3100 J	3130 J	3080 J	3020 J	2970 J	3380 J	662
E300.0	SULFATE	mg/L	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	1.4	4.9		0.36	
E353.2	NITROGEN, NITRATE-NITRITE	mg/L	0.1 U	0.1 U	1.4	4.9	0.63	0.36	
SM2520B	SALINITY	Ratio	5.6	6	6.1	6.2	6.6	7.1	1.7
SM4500-NO2B	NITROGEN, NITRITE	ug/L	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	0.18	0.58			
SW6010	CALCIUM	mg/L	574	602	650	550	608	1020	
SW6010	IRON	mg/L	1.87	2.23	2.85	3.16	12.6	22.3	
SW6010	MAGNESIUM	mg/L	125	120	120	97.1	86.1	84.9	
SW6010	MANGANESE	mg/L	0.192	0.195	0.215	0.216	0.576	0.959	
SW6010	POTASSIUM	mg/L	118	147	152	140	153	171	
SW6010	SODIUM	mg/L	841	1120	1110	1000	1040	1230	
SW9050	Conductivity	umhos/cm	9520	10200	10300	10500	11100	11900	3180

Table A3
Validated Groundwater Vibracores Samples

		Location	OL-VC-40249	OL-VC-40249	OL-VC-40249	OL-VC-40249	OL-VC-40249	OL-VC-40249	OL-VC-40249
		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
		Field Sample ID	OL-1013-16	OL-1013-17	OL-1013-18	OL-1013-19	OL-1013-20	OL-1013-21	OL-1014-01
		Sample Date	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	JA26664
		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
Analytical Method	Parameter Name	Units							
E300.0	CHLORIDE	mg/L	741	1030	1450	2170	2960	3050	2870 J
E300.0	SULFATE	mg/L							43.9
E353.2	NITROGEN, NITRATE (AS N)	mg/L							0.12 U
E353.2	NITROGEN, NITRATE-NITRITE	mg/L							0.1 U
SM2520B	SALINITY	Ratio	2	2.4	3.8	4.2	4.9	5	5.8
SM4500-NO2B	NITROGEN, NITRITE	ug/L							20 U
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l							0.1 U
SW6010	CALCIUM	mg/L							1140
SW6010	IRON	mg/L							4.3
SW6010	MAGNESIUM	mg/L							7.85 J
SW6010	MANGANESE	mg/L							0.182
SW6010	POTASSIUM	mg/L							84
SW6010	SODIUM	mg/L							800
SW9050	Conductivity	umhos/cm	3570	4250	6690	7320	8470	8650	9920

Table A3
Validated Groundwater Vibracores Samples

		Location	OL-VC-40249	OL-VC-40249	OL-VC-40249	OL-VC-40249	OL-VC-40249	OL-VC-40249	OL-VC-40250
		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	8.00-8.50 Ft	0.00-0.25 Ft
		Field Sample ID	OL-1014-02	OL-1014-03	OL-1014-04	OL-1014-05	OL-1014-06	OL-1014-07	OL-1011-03
		Sample Date	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/27/2009	8/26/2009
		Sample Delivery Group	JA26664	JA26664	JA26664	JA26664	JA26664	JA26664	JA26545
		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
Analytical Method	Parameter Name	Units							
E300.0	CHLORIDE	mg/L	3340 J	3860 J	4260 J	4540 J	3840 J	3290 J	1150
E300.0	SULFATE	mg/L	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	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	0.1 U	
SM2520B	SALINITY	Ratio	6.9	7.8	8.2	8.4	8.4	8.4	2.3
SM4500-NO2B	NITROGEN, NITRITE	ug/L	20 U	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	1.9	0.1 U	
SW6010	CALCIUM	mg/L	1330	1240	1230	1080	1530	1420	
SW6010	IRON	mg/L	2.48	2.75	0.886	1.14	6.73	9.9	
SW6010	MAGNESIUM	mg/L	21.5	25.1	33.2	24.6	31.2	30.7	
SW6010	MANGANESE	mg/L	0.192	0.158	0.118	0.167	0.427	0.442	
SW6010	POTASSIUM	mg/L	84.2	103	115	111	128	126	
SW6010	SODIUM	mg/L	902	983	1200	1150	1220	1130	
SW9050	Conductivity	umhos/cm	11600	12800	13500	13900	13900	13900	4190

Table A3
Validated Groundwater Vibracores Samples

		Location	OL-VC-40250	OL-VC-40250	OL-VC-40250	OL-VC-40250	OL-VC-40250	OL-VC-40250	OL-VC-40250
		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
		Field Sample ID	OL-1011-04	OL-1011-05	OL-1011-06	OL-1011-07	OL-1011-08	OL-1011-09	OL-1011-10
		Sample Date	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
		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
Analytical Method	Parameter Name	Units							
E300.0	CHLORIDE	mg/L	1110	921	1100	1520	1700	1780	1890 J
E300.0	SULFATE	mg/L							69.1
E353.2	NITROGEN, NITRATE (AS N)	mg/L							0.12 U
E353.2	NITROGEN, NITRATE-NITRITE	mg/L							0.1 U
SM2520B	SALINITY	Ratio	2.2	2	2.3	3	3.3	3.5	3.9
SM4500-NO2B	NITROGEN, NITRITE	ug/L							20 U
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l							0.31
SW6010	CALCIUM	mg/L							346
SW6010	IRON	mg/L							3.06
SW6010	MAGNESIUM	mg/L							242
SW6010	MANGANESE	mg/L							0.624
SW6010	POTASSIUM	mg/L							39
SW6010	SODIUM	mg/L							529
SW9050	Conductivity	umhos/cm	4000	3560	4130	5380	5780	6170	6790

Table A3
Validated Groundwater Vibracores Samples

		Location	OL-VC-40250	OL-VC-40250	OL-VC-40250	OL-VC-40250	OL-VC-40250	OL-VC-40250	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	0.00-0.25 Ft
	Field Sample ID		OL-1011-11	OL-1011-12	OL-1011-13	OL-1011-14	OL-1011-15	OL-1011-16	OL-1009-15
	Sample Date		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	JA26544
	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
Analytical Method	Parameter Name	Units							
E300.0	CHLORIDE	mg/L	2540 J	3010 J	3210 J	3180 J	3510 J	3720 J	5290
E300.0	SULFATE	mg/L	123	42.3	40	36.7	6 U	95.1	
E353.2	NITROGEN, NITRATE (AS N)	mg/L		0.18	0.12 U	0.12 U	0.12 U	0.12 U	
E353.2	NITROGEN, NITRATE-NITRITE	mg/L	0.1 U	0.18	0.1 U	0.1 U	0.1 U	0.1 U	
SM2520B	SALINITY	Ratio	5	5.9	6.1	6.4	6.7	7	10.6
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		0.05 U	0.42	0.05 U	0.05 U	0.05 U	
SW6010	CALCIUM	mg/L	341	566	478	502	972	1100	
SW6010	IRON	mg/L	6.59	5.08	3.32	1.02	1.88	0.305 J	
SW6010	MAGNESIUM	mg/L	249	247	185	104	34.6	18.9	
SW6010	MANGANESE	mg/L	0.599	0.808	0.641	0.167	0.143	0.0302 J	
SW6010	POTASSIUM	mg/L	60.4	82.6	89.1	108	121	132	
SW6010	SODIUM	mg/L	668	927	926	1010	1140	1180	
SW9050	Conductivity	umhos/cm	8540	10000	10300	10800	11200	11700	17300

Table A3
Validated Groundwater Vibracores Samples

		Location	OL-VC-50071	OL-VC-50071	OL-VC-50071	OL-VC-50071	OL-VC-50071	OL-VC-50071	OL-VC-50071
		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
		Field Sample ID	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
		Sample Delivery Group	JA26544	JA26544	JA26544	JA26544	JA26544	JA26546	JA26546
		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
Analytical Method	Parameter Name	Units							
E300.0	CHLORIDE	mg/L	8310	10900	11400	12600	13500	13500	14300 J
E300.0	SULFATE	mg/L							1560
E353.2	NITROGEN, NITRATE (AS N)	mg/L							0.35
E353.2	NITROGEN, NITRATE-NITRITE	mg/L							0.35
SM2520B	SALINITY	Ratio	16.5	20.8	21.1	23.3	24.9	25.6	28.9
SM4500-NO2B	NITROGEN, NITRITE	ug/L							20 U
SM4500-PE	PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS P)	mg/l							0.1 U
SW6010	CALCIUM	mg/L							745
SW6010	IRON	mg/L							0.237 J
SW6010	MAGNESIUM	mg/L							195
SW6010	MANGANESE	mg/L							0.0526 J
SW6010	POTASSIUM	mg/L							52
SW6010	SODIUM	mg/L							8070
SW9050	Conductivity	umhos/cm	25800	31900	32400	35400	37600	38500	42900

Table A3
Validated Groundwater Vibracores Samples

		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	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Pore water	Pore water	Pore water	Pore water	Pore water	Pore water
Analytical 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	0.12 U	0.12 U	0.12 U	0.12 U	0.14
E353.2	NITROGEN, NITRATE-NITRITE	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	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	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	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

ATTACHMENT A-4

**VALIDATED LABORATORY DATA FOR
PHASE IV AND PHASE V ADDENDUM 1 HABITAT SAMPLES**

Table A4-1
Validated Addendum 1 Habitat Samples

		Location	BBD-GC-01	BBD-GC-03	BBD-S-03	BBS-GC-03	NMD-S-01	NMD-S-02	NMD-S-03	NMS-S-01
		Field Sample ID	OL-0806-05	OL-0806-08	OL-0806-09	OL-0806-03	OL-0808-01	OL-0808-03	OL-0808-08	OL-0807-15
		Sample Date	6/11/2009	6/11/2009	6/11/2009	6/11/2009	6/11/2009	6/11/2009	6/11/2009	6/11/2009
		SDG	C9F130101	C9F130101	C9F130101	C9F130101	C9F130104	C9F130104	C9F130104	C9F130103
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	33100	15800	9810	16800	8070	554 U	398 J	4810
SM2540G	SOLIDS, PERCENT	%	84.6	97	82.6	87	81.2	84	85.3	86.4

Table A4-1
Validated Addendum 1 Habitat Samples

		Location	NMS-S-02	NMS-S-03	SMD-S-01	SMD-S-02	SMD-S-02	SMD-S-03	SMD-SG-02	SMS-S-01
		Field Sample ID	OL-0807-18	OL-0807-19	OL-0807-03	OL-0807-05	OL-0807-06	OL-0807-10	OL-0807-07	OL-0806-16
		Sample Date	6/11/2009	6/11/2009	6/11/2009	6/11/2009	6/11/2009	6/11/2009	6/11/2009	6/11/2009
		SDG	C9F130103	C9F130103	C9F130103	C9F130103	C9F130103	C9F130103	C9F130103	C9F130101
		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								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	283 J	4910	2020	4440	4360	532 U	16000	572 U
SM2540G	SOLIDS, PERCENT	%	78.2	83.5	87.3	86.6	85.3	87.4	97.9	86.6

Table A4-1
Validated Addendum 1 Habitat Samples

		Location	SMS-S-02	SMS-S-02	SMS-S-03
		Field Sample ID	OL-0806-17	OL-0806-18	OL-0806-20
		Sample Date	6/11/2009	6/11/2009	6/11/2009
		SDG	C9F130101	C9F130101	C9F130101
		Matrix	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Field duplicate	Regular sample
		Sample Type	Sediment	Sediment	Sediment
Method	Parameter Name	Units			
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	355 J	10600 J	581 U
SM2540G	SOLIDS, PERCENT	%	82.3	84.2	82.6

Table A4-2
Validated Addendum 1 Habitat Samples

		Location	4	15	19	25	39	41	46	53
		Field Sample ID	OL-1041-17	OL-1041-18	OL-1041-16	OL-1041-15	OL-1041-19	OL-1041-14	OL-1041-13	OL-1041-12
		Sample Date	10/12/2009	10/12/2009	10/12/2009	10/12/2009	10/12/2009	10/12/2009	10/12/2009	10/12/2009
		SDG	JA30360	JA30360	JA30360	JA30360	JA30360	JA30360	JA30360	JA30360
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	12600	9250 J	16300	13100	18600 J	14200 J	13600	16500
SM2540G	SOLIDS, PERCENT	%	50.3	48.8	53.7	50.9	37.7	48.4	50.4	55.3

Table A4-2
Validated Addendum 1 Habitat Samples

		Location	60	66	69	77	82	83	88	89
		Field Sample ID	OL-1041-20	OL-1041-11	OL-1041-10	OL-1042-02	OL-1041-05	OL-1041-06	OL-1041-04	OL-1041-07
		Sample Date	10/12/2009	10/12/2009	10/12/2009	10/12/2009	10/12/2009	10/12/2009	10/12/2009	10/12/2009
		SDG	JA30360	JA30360	JA30360	JA30361	JA30360	JA30360	JA30360	JA30360
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	12300	17400	30300	13600	17700	7020	16100	26300
SM2540G	SOLIDS, PERCENT	%	56.5	47.7	57.1	51.4	81.9	89.1	86.1	54.6

Table A4-2
Validated Addendum 1 Habitat Samples

		Location	92	94	95	95	100	100	101	106
		Field Sample ID	OL-1042-01	OL-1041-03	OL-1042-03	OL-1042-04	OL-1041-01	OL-1041-02	OL-1041-08	OL-1042-05
		Sample Date	10/12/2009	10/12/2009	10/12/2009	10/12/2009	10/12/2009	10/12/2009	10/12/2009	10/12/2009
		SDG	JA30361	JA30360	JA30361	JA30361	JA30360	JA30360	JA30360	JA30361
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample	Field duplicate	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	19100	13000	39700 J	47000 J	15500	11700	52400 J	24300 J
SM2540G	SOLIDS, PERCENT	%	54	88.2	40.4	37.7	80.3	86.2	33.9	40.6

Table A4-2
Validated Addendum 1 Habitat Samples

		Location	109	111	112	124	126	126	132	135
		Field Sample ID	OL-1044-13	OL-1042-06	OL-1041-09	OL-1044-01	OL-1043-07	OL-1043-08	OL-1042-10	OL-1042-09
		Sample Date	10/12/2009	10/12/2009	10/12/2009	10/12/2009	10/12/2009	10/12/2009	10/12/2009	10/12/2009
		SDG	JA30358	JA30361	JA30360	JA30358	JA30359	JA30359	JA30361	JA30361
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	13100	5130	17500	24100	2300	4280	21400	6790
SM2540G	SOLIDS, PERCENT	%	51.3	63.8	53	54.4	69.5	64.1	54.6	53.7

Table A4-2
Validated Addendum 1 Habitat Samples

		Location	148	162	169	177	186	196	199	212
		Field Sample ID	OL-1043-03	OL-1043-04	OL-1042-11	OL-1039-09	OL-1042-12	OL-1039-10	OL-1042-13	OL-1039-11
		Sample Date	10/12/2009	10/12/2009	10/12/2009	10/1/2009	10/12/2009	10/1/2009	10/12/2009	10/1/2009
		SDG	JA30359	JA30359	JA30361	JA29611	JA30361	JA29611	JA30361	JA29611
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	12100	3630	7880	8480 J	8030	12600 J	17600 J	8050
SM2540G	SOLIDS, PERCENT	%	54.2	62.9	57.3	49.4	50.7	39.8	38.6	59.6

Table A4-2
Validated Addendum 1 Habitat Samples

		Location	213	218	220	227	238	241	246	247
		Field Sample ID	OL-1042-14	OL-1042-15	OL-1039-12	OL-1039-13	OL-1042-16	OL-1039-14	OL-1042-20	OL-1042-19
		Sample Date	10/12/2009	10/12/2009	10/1/2009	10/1/2009	10/12/2009	10/1/2009	10/12/2009	10/12/2009
		SDG	JA30361	JA30361	JA29611	JA29611	JA30361	JA29611	JA30361	JA30361
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	17000 J	17900	12900 J	12600	11000 J	11500	28400	10900
SM2540G	SOLIDS, PERCENT	%	43.7	51.9	39.6	54.9	45.5	52.2	57.7	52.6

Table A4-2
Validated Addendum 1 Habitat Samples

		Location	249	252	253	256	258	259	261	263
		Field Sample ID	OL-1039-15	OL-1042-18	OL-1043-01	OL-1039-16	OL-1043-05	OL-1043-02	OL-1040-03	OL-1043-14
		Sample Date	10/1/2009	10/12/2009	10/12/2009	10/1/2009	10/12/2009	10/12/2009	10/1/2009	10/12/2009
		SDG	JA29611	JA30361	JA30359	JA29611	JA30359	JA30359	JA29613	JA30359
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	16800 J	10200	16500 J	26100 J	14800 J	15700 J	9520 J	10900
SM2540G	SOLIDS, PERCENT	%	38.2	50.9	51.2	30.4	45.4	43.6	49.9	50.4

Table A4-2
Validated Addendum 1 Habitat Samples

		Location	264	265	269	270	271	274	276	277
		Field Sample ID	OL-1043-06	OL-1042-17	OL-1043-15	OL-1043-13	OL-1042-07	OL-1043-17	OL-1043-12	OL-1042-08
		Sample Date	10/12/2009	10/12/2009	10/12/2009	10/12/2009	10/12/2009	10/12/2009	10/12/2009	10/12/2009
		SDG	JA30359	JA30361	JA30359	JA30359	JA30361	JA30359	JA30359	JA30361
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	5400	42400	19700	16600	18100 J	19900 J	15900 J	59100 J
SM2540G	SOLIDS, PERCENT	%	52.2	57.6	50.1	54.2	37.4	33.6	44	38.8

Table A4-2
Validated Addendum 1 Habitat Samples

		Location	280	281	282	283	283	284	288	289
		Field Sample ID	OL-1040-04	OL-1043-18	OL-1043-19	OL-1044-05	OL-1044-06	OL-1043-09	OL-1044-04	OL-1044-03
		Sample Date	10/1/2009	10/12/2009	10/12/2009	10/12/2009	10/12/2009	10/12/2009	10/12/2009	10/12/2009
		SDG	JA29613	JA30359	JA30359	JA30358	JA30358	JA30359	JA30358	JA30358
		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								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	11500	4670 J	27800 J	5990	9090 J	17600	47700 J	37100 J
SM2540G	SOLIDS, PERCENT	%	57.2	36.9	30.9	50.5	49.8	53.8	42	47

Table A4-2
Validated Addendum 1 Habitat Samples

		Location	290	295	296	297	303	304	305	306
		Field Sample ID	OL-1043-20	OL-1043-16	OL-1043-11	OL-1038-01	OL-1039-19	OL-1044-02	OL-1043-10	OL-1038-02
		Sample Date	10/12/2009	10/12/2009	10/12/2009	10/1/2009	10/1/2009	10/12/2009	10/12/2009	10/1/2009
		SDG	JA30359	JA30359	JA30359	JA29612	JA29611	JA30358	JA30359	JA29612
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	223000 J	33300 J	23600 J	41000 J	10600	9440	61700	32200 J
SM2540G	SOLIDS, PERCENT	%	38.5	47.7	49.6	38.8	51.1	64.6	53.6	42.9

Table A4-2
Validated Addendum 1 Habitat Samples

		Location	312	314	315	316	317	325	326	327
		Field Sample ID	OL-1039-20	OL-1044-07	OL-1044-08	OL-1044-12	OL-1038-03	OL-1044-09	OL-1044-11	OL-1038-04
		Sample Date	10/1/2009	10/12/2009	10/12/2009	10/12/2009	10/1/2009	10/12/2009	10/12/2009	10/1/2009
		SDG	JA29611	JA30358	JA30358	JA30358	JA29612	JA30358	JA30358	JA29612
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	15800	8600	11000	14600	8830	83400	5040	4470
SM2540G	SOLIDS, PERCENT	%	37.3	59.1	59.1	72.1	74.8	55	74.1	67

Table A4-2
Validated Addendum 1 Habitat Samples

		Location	328	329	337	339	340	341	342	343
		Field Sample ID	OL-1039-07	OL-1039-01	OL-1040-07	OL-1044-10	OL-1039-08	OL-1039-06	OL-1039-02	OL-1038-20
		Sample Date	10/1/2009	10/1/2009	10/1/2009	10/12/2009	10/1/2009	10/1/2009	10/1/2009	10/1/2009
		SDG	JA29611	JA29611	JA29613	JA30358	JA29611	JA29611	JA29611	JA29612
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	4340	63700	20400 J	208000 J	3180	2300	3480	21200
SM2540G	SOLIDS, PERCENT	%	75.1	50.3	39.4	36.2	75.6	76.9	67.1	54.8

Table A4-2
Validated Addendum 1 Habitat Samples

		Location	358	359	360	363	364	365	369	371
		Field Sample ID	OL-1039-05	OL-1039-03	OL-1038-19	OL-1038-14	OL-1038-08	OL-1040-11	OL-1040-02	OL-1040-01
		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
		SDG	JA29611	JA29611	JA29612	JA29612	JA29612	JA29613	JA29613	JA29613
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	7890	5670	34300	56800 J	23600 J	21000 J	11700 J	14600 J
SM2540G	SOLIDS, PERCENT	%	73.4	77.7	51.9	47.1	47.6	43.1	44.8	42.5

Table A4-2
Validated Addendum 1 Habitat Samples

		Location	373	374	375	376	377	377	378	379
		Field Sample ID	OL-1039-04	OL-1038-18	OL-1038-16	OL-1038-15	OL-1038-12	OL-1038-13	OL-1038-09	OL-1040-10
		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
		SDG	JA29611	JA29612	JA29612	JA29612	JA29612	JA29612	JA29612	JA29613
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Field duplicate	Regular sample	Regular sample
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	2530	4290	1850	3710	2860	3180	2160	50600
SM2540G	SOLIDS, PERCENT	%	71	72.1	75.4	65.7	72.9	70.6	69.4	54.2

Table A4-2
Validated Addendum 1 Habitat Samples

		Location	380	381	382	386	388	389	390	390
		Field Sample ID	OL-1038-05	OL-1038-06	OL-1038-07	OL-1038-17	OL-1038-11	OL-1038-10	OL-1040-08	OL-1040-09
		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
		SDG	JA29612	JA29612	JA29612	JA29612	JA29612	JA29612	JA29613	JA29613
		Matrix	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sample Purpose	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Regular sample	Field duplicate
		Sample Type	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
Method	Parameter Name	Units								
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	16500	16900	18700	8080	4840	6830	3770	4010
SM2540G	SOLIDS, PERCENT	%	54.7	50.9	49.2	62.9	63.3	64.5	66.7	66

Table A4-2
Validated Addendum 1 Habitat Samples

		Location	391	392	393	393
	Field Sample ID	OL-1040-06	OL-1040-05	OL-1039-17	OL-1039-18	
	Sample Date	10/1/2009	10/1/2009	10/1/2009	10/1/2009	
	SDG	JA29613	JA29613	JA29611	JA29611	
	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				
Lloyd Kahn	TOTAL ORGANIC CARBON	mg/kg	8510	31100 J	43400 J	26800 J
SM2540G	SOLIDS, PERCENT	%	57.3	47	39.7	30.1