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Jack D. Milligan, CST 17B-C

REPORT ON WATER QUALITY, SEDIMENT AND WATER CHEMISTRY DATA
FOR WATER AND SEDIMENT SAMPLES COLLECTED FROM SOURCE AREAS
TO MELTON HILL AND WATTS BAR RESERVOIRS

Per our discussions on August 8 and August 15, attached is the above-named report.
If you have any questions, please contact me in person or at extension 751-7291.

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SUMMARY REPORT ON WATER QUALITY, SEDIMENT AND
WATER CHEMISTRY DATA FOR WATER AND SEDIMENT SAMPLES
COLLECTED FROM SOURCE AREAS TO MELTON HILL
AND WATTS BAR RESERVOIRS
TASKS 4.1 AND 4.2 OF
DOE/TVA INTERAGENCY AGREEMENT
NO. DE - A105 - 91OR22007
FOR THE
CLINCH RIVER ENVIRONMENTAL RESTORATION PROGRAM

August 1995

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INTRODUCTION

Contamination of surface water and sediments in the Clinch River and Watts Bar Reservoir (CR/WBR) system as a result of past and present activities by the U. S. Department of Energy (DOE) on the Oak Ridge Reservation (ORR) and also activities by non-ORR facilities are being studied by the Clinch River Environmental Restoration Program (CR-ERP). Previous studies (TVA, 1986; Olsen, et al., 1992; and Hoffman, et al., 1984) have documented the presence of heavy metals, organics, and radionuclides in the sediments of reservoirs in the vicinity. In support of the CR-ERP, during the summer of 1991, TVA collected and evaluated water and sediment samples from swimming areas and municipal water intakes on Watts Bar Reservoir, Melton Hill Reservoir (which is considered part of the Clinch River and Watts Bar Reservoir System), and Norris Reservoir, which was considered a source of less-contaminated reference or background data. Results of this study (TVA, 1991) indicated that the levels of contamination in the samples from the Watts Bar and Melton Hill Reservoir sites did not pose a threat to human health.

Despite the numerous studies, until the current work documented by this report, relatively few sediment or water samples had been collected by the CR-ERP in the immediate vicinity of contaminant point sources. This work focused on water and sediment samples taken from points immediately downstream from suspected effluent point sources both on and off the ORR. In August and September, 1994, TVA sampled surface water and sediment at twelve locations in Melton Hill and Watts Bar Reservoirs. Eleven of the sampling sites were selected based on existence of pollutant discharge permits, known locations of hazardous waste sites, and knowledge of past practices. The twelfth sample site was selected as a relatively less contaminated reference site for comparison purposes.

This work was conducted under tasks 4.1 and 4.2 of the DOE/TVA interagency agreement (IAG) titled "Technical Assistance for the Clinch River RCRA Facility Investigation, No. DE-A105-91OR22007. Since the statement of work (CR-ERP, 1994) specified the organizational responsibilities, project and data quality objectives, requested media, analytes, sample collection methods, chain of custody, collection sites, sample identifications, sample delivery, and quality assurance/quality control (QA/QC) requirements in great detail, much of this information will not be repeated in this document.

SAMPLING SITES

The following descriptions of the sampling sites are excerpted and edited from the Statement of Work, (CR-ERP, 1994):

Y-12 Plant and Other ORR Research Discharges into Melton Hill Reservoir

Y1: Scarboro Creek Embayment (Clinch River confluence at CRM 41) The only known active discharges from the upper Scarboro Creek watershed are by way of Kerr Hollow Branch (KHB). The headwaters for the KHB are located approximately 100 yards down-slope from the Chestnut Ridge Sediment Disposal Basin (CRSDB). Kerr Hollow Branch may receive contaminants from The CRSDB and Kerr Hollow Quarry (KHQ), the only NPDES permitted site in the watershed (permit number TNO002968, outfall # 301). This site was included for sampling due to the recently completed remedial action in KHQ.

Y2: Lower Scarboro Creek Embayment (Clinch River confluence at CRM 41) This site may receive input from the Central Animal Research Laboratory facility. Since the nature of releases at this site were unknown, lower Scarboro Creek Embayment was included in this study.

Y3: McCoy Branch Embayment (Clinch River confluence at CR 37.5) The McCoy Branch watershed includes the Filled Coal Ash pond, Rogers Quarry and the Oak Ridge Sludge Land Farm Site (ORSLFS). Rogers Quarry outflow is monitored routinely for both surface water (NPDES permit number TNO02968 outfall # 302), and groundwater releases.

ORNL Discharges into Melton Hill and Watts Bar Reservoirs

XI: Bearden Creek Embayment (Clinch River confluence at CRM 31.8) Bearden Creek, one of several streams which flows into the Bearden Creek embayment, originates on the south slope of Chestnut Ridge, in a undisturbed section of forest. It flows into Bearden Creek embayment approximately 4 km above the embayment's confluence with the Clinch River at CRM 31.8. Bearden Creek is joined in the Bearden Creek embayment by unnamed streams flowing from the eastern slope of Melton Valley. There are currently no NPDES permitted releases into the streams draining into Bearden Creek embayment. Three separate Waste Area Groupings (WAGs) are located within the Bearden Creek watershed. At the time the SOW for this project was prepared, there did not appear to be evidence of past releases of hazardous materials from any of the three WAGs into Bearden Creek embayment.

X2: Creek draining the Health Physics Research Reactor area (Clinch River Confluence at CRM 27. 1) Located on the south side of Copper Ridge, this area includes WAG 16, the Health Physics Research Reactor (HPRR) retention pond (Solid Waste Management Unit, SWMU, 16.2) and a forest research plot (SWMU 16. 1). This area drains into a small unnamed embayment of Melton Hill, approximately 1 mile downstream from WAG 16.

There is no indication of contamination associated with the retention pond (SWMU 16.2). Solid Waste Management Unit 16.1 is a small forest ecosystem used for uptake studies (Auerbach et al., 1964). Due to the lack of information regarding off-site migration of contaminants, the Melton Hill Reservoir embayment immediately downstream from the HPRR was included in this investigation.

Non-ORR Sources of Contamination to Melton Hill and Watts Bar Reservoirs

There are several discrete, non-ORR sources for contaminant loading to Melton Hill and Watts Bar Reservoirs. No sediment or water samples were collected from these sources in conjunction with the CRR Phase 1 sampling, though some sites were sampled as a portion of previous CR-ERP special studies. Specific sampling locations include:

A: Oak Ridge Marina Harbor (CRM 50.1). Possibility of questionable fill material used during its construction.

B: Bull Run Steam Plant (Clinch River confluence at CRM 47.9). This site was sampled by the CR-ERP arsenic study. No elevated arsenic values were observed. Effluent from the steam plant and runoff from the coal and ash piles may be contributing contaminants to Melton Hill Reservoir. Bull Run Creek, which enters Melton Hill Reservoir below the Bull Run Steam Plant, does not appear to receive any effluent from the steam plant. Sediment and water samples were collected immediately downstream from the disposal basin discharge pipes in the Clinch River at the CRM 47.9.

C: Harriman Paper Board Corporation (outfall to the Emory River at ERM 11.2). This pulp and paper mill in Harriman discharges effluent to the Emory River. This is a source of unknown contaminants. The quantity and quality of historic and current monitoring is unknown. This discharge point should be included in the NPDES monitoring program for mill discharges. Sampling was conducted immediately downstream from the effluent discharge point.

D: Superfund site on Cardiff Creek (Caney Creek confluence in north portion of Caney-Creek Embayment). Cardiff Creek originates within the city of Rockwood, flowing parallel to U.S. highway 27 prior to confluence with Caney Creek, north of U.S. highway 70. No information is available regarding this superfund site, other than that it is potentially a source of unspecified contamination to Watts Bar. Current status of environmental monitoring is unknown. (The Caney Creek confluence with the Tennessee River is at TRM 562.3, right bank, descending.)

E: Superfund sites on Postoak Creek (Embayment of Caney Creek, near the Caney Creek campground). The Postoak Creek originates northeast of the city of Rockwood, flowing parallel to U.S. highway 70 prior to its confluence with Caney Creek near the drainage culvert beneath U.S. highway 70. As with Cardiff Creek, no information is available regarding this superfund site, other than that it is potentially a source of unspecified contamination to Watts Bar. Current status of environmental monitoring is unknown.

F: Roan Ltd. Terminal on the King Creek Embayment (located on King Creek approximately KCM 0.8). This terminal receives raw materials for and is shipping point from steel industry works in Rockwood. CRR1 phase I data sediment data from TRM 557 indicated elevated zinc concentrations. Sampling of the coal terminal area and the Rockwood municipal water intake was conducted in June of 1991. Sampling was conducted within the King Creek Embayment area, downstream from the Roan Ltd. Terminal. (The confluence of King Creek with the Tennessee River is at TRM 552.9, right bank, descending.)

REF2: Walker Branch Embayment (Clinch River confluence at CRM 33.2). The reference site for this sediment and water scoping task was selected because it has similar watershed size, drainage characteristics and proximity to other potentially contaminated watersheds which also flow into Melton Hill reservoir. Sampling at this reference site was conducted in the same manner as the point sources.

The precise sample collection locations were recorded on two global positioning system (GPS) units, a Magellan model and a Sony Pyxis. The sampling sites, their approximate river mile locations and the latitude and longitude readings from the two GPS devices appear in Table 1. In Table 1, the latitude and longitude readings from the two GPS devices are translated to decimal degrees and averaged. The average of the readings of the two GPS devices agree with the original readings of the devices to the one-thousandth of a degree. The only exception to this is the data for sample site Y1 (CRM 41.2) where the Sony device did not receive reliably, so the Magellan readings, which represent the average of 60 readings, were used in place of an average of both instruments. The sampling locations are marked on Tennessee River Navigational Charts which appear as Figure 1. Table 2 lists the sample site identifying letter code, river mile locations, and the Navigational Chart Number which illustrates that particular site.

METHODOLOGY

Water Quality Data Collection:

At each sample site, a Hydrolab DataSonde III probe and a Hydrolab Surveyor III datalogger were used to measure depth, temperature, dissolved oxygen concentrations, electrical conductivity, and pH. These measurements were made at three depths: near the surface (0.3 m), one-half way between the surface and bottom, and near the bottom. The Hydrolab DataSonde III was calibrated every day prior to use. The dissolved oxygen concentration calibration was checked by Winkler titration, as specified in the SOW (CR-ERP, 1994).

Water Samples:

Water samples were collected from 0.5 meters depth using a peristaltic pump with tygon tubing attached following procedure TVA ES-41.2 (Formerly TVA DS 41.2). Samples

were split into six containers which were appropriately pre-cleaned and treated with appropriate preservatives for each analyte or group of analytes. In this document, a group of analytes refers to a set of analytes (such as filtered metals) for which the sample preparation and preservation requirements are identical. The six groups of analytes for water samples were TSS, tritium, filtered AA and ICP metals, filtered cyanide, total AA and ICP metals, and total cyanide. The samples for filtered AA and ICP metals were filtered through an in-line 0.45 micron effective pore size polypropylene filter which discharged to the sample collection bottle, which was preserved with an appropriate quantity of nitric acid. The polypropylene in-line filter used for filtering metals samples was soaked in hydrochloric acid between uses, then thoroughly rinsed with deionized water before use. Filtered cyanide samples were filtered through a 0.45 micron effective pore size filter which was soaked in sodium hydroxide solution between uses, then rinsed with deionized water prior to use.

Table 3 lists the analytes and methods by which water samples were analyzed. Samples for tritium analysis were sent to TVA's Western Area Environmental Radiological Monitoring and Instrumentation Department (ERM&I). Samples for filtered and total cyanide analyses were hand-carried to CR-ERP staff for analysis by ORNL-ACD. Other samples were sent to TVA's Environmental Chemistry Laboratory (ECHEM). Sample chain of custody procedures conformed to those outlined in the SOW (CR-ERP, 1994).

Sediment Samples:

Sediment samples were collected using a stainless steel Eckman dredge following procedure TVA ES-41.3 (Formerly TVA DS 41.3) with modifications governing cleaning and rinsing as specified in the SOW (CR-ERP, 1994). Three to four Eckman dredges of sediment were mixed to form the composite sediment sample for each site. Non-representative material, such as twigs, leaves, or un-characteristic gravel were removed during the mixing process and excluded from the final sample. The exception to this was the sample from Site C, outfall to the Emory River at ERM 11.2, which contained so many leaf fragments, it was impossible to exclude them. The appearance of sediment samples was described in the field logbook. Composited sediment samples were divided into 4 sample containers to facilitate analysis of radionuclides, organics (PCB's, Pesticides, and Semi-Volatile Organics), metals, and particle size. Radionuclide samples were sent to TVA's Western Area Environmental Radiological Monitoring and Instrumentation Department (ERM&I). Once per week, sediment samples for gamma-spectroscopy were split for submission to both ERM&I and the ORNL Environmental Science Division (ESD) Radiochemical Analysis Laboratory (RAL). Samples for organics and metals analyses were sent to TVA ECHEM. Samples for particle size determination were sent to Singleton Laboratory. As with the water samples, sediment sample chain of custody procedures conformed to those outlined in the SOW (CR-ERP, 1994). Table 4 lists the analytes and methods by which sediment samples were analyzed.

RESULTS

Water Quality Data

The readings at three different depths for the water quality parameters of depth, temperature, dissolved oxygen concentrations, electrical conductivity, and pH, appear in Table 5. Appendix A contains data entered from the field logbook which clarifies which samples (by sample identification numbers) were taken at each site. The regular samples from each site had sample identification numbers which were assigned in advance of the project by the SOW (CR-ERP, 1994), but the SOW did not specify which sites would be the sources of the field replicate and other quality assurance samples.

Radionuclides

Samples for radionuclide analyses were sent to TVA's Western Area Environmental Radiological Monitoring and Instrumentation Department (ERM&I). All water samples were analyzed for tritium; the results of these analyses appear in Table 6. Sediment Samples were analyzed for gross alpha, gross beta, cesium 137, thallium 208, bismuth 212, bismuth 214, lead 212, lead 214, radium 224, radium 226, actinium 228, potassium 40, beryllium 7, cobalt 60, and gamma radiation. The results of radionuclide analyses of sediment samples appear in Table 7. More detailed information, including laboratory batch numbers and laboratory quality assurance data appears in Appendix B. Table B-1 lists tables appearing in the text and the corresponding tables in Appendix B.

Metals Analyses in Water

TVA's Environmental Chemistry Laboratory (ECHEM) analyzed both water and sediment samples for metals. As can be seen in Table 3, filtered and unfiltered water samples were analyzed for 27 different metals by inductively coupled plasma (ICP), graphite furnace atomic absorption (GFAA), flame atomic absorption (FAA), and condensed vapor atomic absorption (CVAA). Results of analyses of the metals samples which were filtered through the 0.45 micron pore size filters are reported as "Dissolved in Water," based on the common assumption that particles which pass a 0.45 micron pore size filter can be considered to be in solution. The results of analyses of unfiltered samples are reported as "Total in Water." Table 8 lists the results of filtered samples analyzed for 14 metals by ICP. Table 9 lists the corresponding total metals concentrations which were also analyzed by ICP. Table 10 provides the results of filtered samples analyzed for 9 metals by GFAA. Table 11 provides the results of the corresponding total metals concentrations which were also analyzed by GFAA. Table 12 reports results of flame AA analyses for dissolved lithium, dissolved potassium, and dissolved sodium. Table 13 reports the results of flame AA analyses for total lithium, total potassium, and total sodium. Tables 14 and 15 display the results of dissolved and total mercury analyses, respectively. Table B-1 lists corresponding tables in Appendix B which provide laboratory batch numbers and quality assurance information.

Metals Analyses in Sediment

Table 4 lists the 27 metals for which sediment samples were analyzed by ICP, GFAA, Flame AA, and CVAA. Table 16 provides the results of ICP analyses of 20 metals concentrations in the sediment samples. Table 17 displays the results of GFAA analyses of selenium, arsenic, and antimony concentrations in the sediment samples and the results of Flame AA analyses of lithium, potassium, and sodium concentrations in the sediment samples. Table 18 reports total mercury in sediment values for the samples in this study. Table B-1 lists corresponding tables in Appendix B which provide laboratory batch numbers and quality assurance information.

Cyanide Analyses in Water

Table 19 provides the results of analyses of total and filtered cyanide concentrations in water samples. As mentioned above, these analyses were conducted by ORNL-ACD. The laboratory data table complete which includes batch numbers and quality assurance information appears in Appendix B as Table B-16.

Organics in Sediment

TVA's ECHEM laboratory analyzed sediment samples for pesticides, PCB's, and semivolatile organics. Table 4 lists the 18 pesticides and decomposition products, 7 PCB's, and 66 semi-volatile organic compounds for which the sediment samples were analyzed. Table 20 presents the results of pesticide and PCB analyses on sediment samples. Table 21 reports the results of semi-volatile organics analyses on sediment samples. Tables B-17 and B-18 in Appendix B include laboratory batch numbers and quality assurance information for Tables 20 and 21, respectively.

Suspended Solids and Sediment Particle Size

Table 22 presents the results of total suspended solids determinations on water samples by two different methods. As can be seen in the table, nearly all the samples had low (<10 mg/L) concentrations which would be expected in relatively non-turbid surface waters. The exception to this was the sample from Site D, TRM 562.3, which had 33 mg/L TSS. In Table 5, it can be seen that the water depth at Site D was very shallow, approximately 0.8 meters. It is possible that the boat used to collect samples may have disturbed the site bottom slightly and contributed to the comparatively higher TSS concentration in the water sample from Site D. Table 23 displays the percentages of gravel, sand, silt, and clay in the sediment samples. As can be seen in Table 23, none of the samples had any gravel in them, all but two of the samples had very low percentages of sand (less than 8 %), which implies that the sediment samples consisted of mainly clay and silt. Table 24 presents percentages of sediment particle which were smaller than the particle sizes at the tops of the columns and thus could be assumed to have passed sieves for those sizes. Table 25 displays percentages of sediment particles of given sizes based on hydrometer settling test results. Singleton Laboratory performed the sediment particle size determinations for

TVA. The report from Singleton Laboratory which was the source of the information in Tables 23, 24, and 25 appears in Appendix C.

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Statement of Work for Collection of Sediment and Water Samples from Source Areas to Melton Hill and Watts Bar Reservoirs, Tasks 4.1 and 4.2 of DOE/TVA Interagency Agreement No. DE-A105-91OR22007 for the Clinch River Environmental Restoration Program. Clinch River Environmental Restoration Program (CR-ERP), Environmental Sciences Division, Oak Ridge National Laboratory, Martin Marietta Energy Systems Inc., Oak Ridge, TN, 1994

Table 1. Sampling Sites, River Mile Designations, and Latitude and Longitude Readings

Site ID	Nearest Approx. River Mile	Magellan Latitude Reading Deg. Min.	Decimal Magellan Latitude Reading	Sony Pyxis Latitude Reading Deg. Min. Sec.	Decimal Sony Latitude Reading	Average Decimal Latitude Reading	Magellan Longitude Reading Deg. Min.	Decimal Magellan Longitude Reading	Sony Pyxis Longitude Reading Deg. Min. Sec.	Decimal Sony Longitude Reading	Average Decimal Longitude Reading
A	CRM 50.1	36 1.88	36.031	36 1 52.1	36.031	36.031 N	84 11.54	84.192	84 11 30.0	84.192	84.192 W
B	CRM 47.9	36 1.00	36.017	36 1 0.6	36.017	36.017 N	84 9.67	84.161	84 9 38.3	84.161	84.161 W
Y1	CRM 41	35 58.68	35.978	35 58	35.967	35.978 N a	84 13.17	84.220	84 13	84.217	84.220 W a
Y2	CRM 41	35 58.36	35.973	35 58 22.0	35.973	35.973 N	84 13.05	84.218	84 13 6.3	84.218	84.218 W
Y3	CRM 37.5	35 57.53	35.959	35 57 29.0	35.958	35.958 N	84 14.72	84.245	84 14 43.1	84.245	84.245 W
REF 2	CRM 33.2	35 57.07	35.951	35 57 3.1	35.951	35.951 N	84 16.05	84.268	84 16 1.9	84.267	84.267 W
X1	CRM 31.8	35 55.61	35.927	35 55 40.5	35.928	35.927 N	84 16.26	84.271	84 16 16.2	84.271	84.271 W
X2	CRM 27.1	35 54.22	35.904	35 54 17.0	35.905	35.904 N	84 16.58	84.276	84 16 34.5	84.276	84.276 W
C	ERM 11.2	35 55.93	35.932	35 55 57.7	35.933	35.932 N	84 32.28	84.538	84 32 15.4	84.538	84.538 W
D	TRM 562.3	35 53.03	35.884	35 53 3.5	35.884	35.884 N	84 36.76	84.613	84 36 42.3	84.612	84.612 W
E	TRM 562.3	35 52.58	35.876	35 52 35.1	35.876	35.876 N	84 36.81	84.614	84 36 46.8	84.613	84.613 W
F	TRM 552.9	35 49.54	35.826	35 49 35.1	35.826	35.826 N	84 40.59	84.677	84 40 35.4	84.677	84.677 W

Notes: a = Sony instrument did not receive reliably, so the Magellan GPS readings, which are the average of 60 readings, appear in the average column.

Table 2. Sampling Sites, River Mile Designations, and Corresponding Navigational Chart Numbers

Site ID	Nearest Approx. River Mile	Navigation Chart Number	a
A	CRM 50.1	Chart No. 111	
B	CRM 47.9	Chart No. 111	
Y1	CRM 41	Chart No. 110	
Y2	CRM 41	Chart No. 110	
Y3	CRM 37.5	Chart No. 110	
REF 2	CRM 33.2	Chart No. 110	
X1	CRM 31.8	Chart No. 110	
X2	CRM 27.1	Chart No. 109	
C	ERM 11.2	Chart No. 107	
D	TRM 562.3	Chart No. 80	b
E	TRM 562.3	Chart No. 80	b
F	TRM 552.9	Chart No. 79	

Notes:

a = U.S. Army Corps of Engineers, 1990

b = Sites located on second map, immediately following Chart No. 80

Table 3. Analyses of Water Samples Source Area Study

Analyte	Units	Sample Prep Method	Sample Analysis Method	Type of Analytical Instrument
Tritium	pCi/liter	Dist.	T-01	
Aluminum, Dissolved in Water	ug/L		EPA 6010	ICP
Calcium, Dissolved in Water	mg/L		EPA 6010	ICP
Beryllium, Dissolved in Water	ug/L		EPA 6010	ICP
Barium, Dissolved in Water	ug/L		EPA 6010	ICP
Boron, Dissolved in Water	ug/L		EPA 6010	ICP
Iron, Dissolved in Water	ug/L		EPA 6010	ICP
Magnesium, Dissolved in Water	mg/L		EPA 6010	ICP
Silicon, Dissolved in Water	ug/L		EPA 6010	ICP
Copper, Dissolved in Water	ug/L		EPA 6010	ICP
Molybdenum, Dissolved in Water	ug/L		EPA 6010	ICP
Vanadium, Dissolved in Water	ug/L		EPA 6010	ICP
Zinc, Dissolved in Water	ug/L		EPA 6010	ICP
Silver, Dissolved in Water	ug/L		EPA 6010	ICP
Manganese, Dissolved in Water	ug/L		EPA 6010	ICP
Aluminum, Total in Water	ug/L	EPA 3010A	EPA 6010	ICP
Calcium, Total in Water	mg/L	EPA 3010A	EPA 6010	ICP
Beryllium, Total in Water	ug/L	EPA 3010A	EPA 6010	ICP
Barium, Total in Water	ug/L	EPA 3010A	EPA 6010	ICP
Boron, Total in Water	ug/L	EPA 3010A	EPA 6010	ICP
Iron, Total in Water	ug/L	EPA 3010A	EPA 6010	ICP
Magnesium, Total in Water	mg/L	EPA 3010A	EPA 6010	ICP
Silicon, Total in Water	ug/L	EPA 3010A	EPA 6010	ICP
Copper, Total in Water	ug/L	EPA 3010A	EPA 6010	ICP
Molybdenum, Total in Water	ug/L	EPA 3010A	EPA 6010	ICP
Vanadium, Total in Water	ug/L	EPA 3010A	EPA 6010	ICP
Zinc, Total in Water	ug/L	EPA 3010A	EPA 6010	ICP
Silver, Total in Water	ug/L	EPA 3010A	EPA 6010	ICP
Manganese, Total in Water	ug/L	EPA 3010A	EPA 6010	ICP
Selenium, Dissolved in Water	ug/L		EPA 7421	GFAA
Cadmium, Dissolved in Water	ug/L		EPA 7060	GFAA
Lead, Dissolved in Water	ug/L		EPA 7041	GFAA
Arsenic, Dissolved in Water	ug/L		EPA 7841	GFAA
Antimony, Dissolved in Water	ug/L		EPA 7191	GFAA
Thallium, Dissolved in Water	ug/L		EPA 7740	GFAA
Chromium, Dissolved in Water	ug/L		EPA 7131	GFAA
Cobalt, Dissolved in Water	ug/L		EPA 7201	GFAA
Nickel, Dissolved in Water	ug/L		EPA 249.2	GFAA
Selenium, Total in Water	ug/L	EPA 3010A	EPA 7741	GFAA
Cadmium, Total in Water	ug/L	EPA 3010A	EPA 7131	GFAA
Lead, Total in Water	ug/L	EPA 3010A	EPA 7421	GFAA
Arsenic, Total in Water	ug/L	EPA 3010A	EPA 7061	GFAA
Antimony, Total in Water	ug/L	EPA 3010A	EPA 7040	GFAA
Thallium, Total in Water	ug/L	EPA 3010A	EPA 7841	GFAA
Chromium, Total in Water	ug/L	EPA 3010A	EPA 7191	GFAA
Cobalt, Total in Water	ug/L	EPA 3010A	EPA 7201	GFAA
Nickel, Total in Water	ug/L	EPA 3010A	EPA 249.2	GFAA
Lithium, Dissolved in Water	ug/L		EPA 7430	FAA
Potassium, Dissolved in Water	mg/L		EPA 7610	FAA
Sodium, Dissolved in Water	mg/L		EPA 7770	FAA
Lithium, Total in Water	ug/L		EPA 7430	FAA
Potassium, Total in Water	mg/L		EPA 7610	FAA
Sodium, Total in Water	mg/L		EPA 7770	FAA
Mercury, Dissolved in Water	ug/L	EPA 7470	EPA 7470	CVAA
Mercury, Total in Water	ug/L	EPA 7470	EPA 7470	CVAA
Filtered Cyanide	mg/L		SW846 9010A	
Total Cyanide	mg/L		SW846 9010A	
TSS	ug/Kg	SW-846 3550	SW846 8081	
TSS	mg/L		EPA160.2	

Table 4. Analyses of Sediment Samples Source Area Study (Page 1 of 2)

Analyte	Sample Prep Method	Result Units	Sample Analysis Method	Type of Analytical Instrument
Radionuclides				
Gross A		pCi/g	G-01	RAD
Gross B		pCi/g	G-01	RAD
Cs-137		pCi/g	G-03	RAD
Tl-208		pCi/g	G-03	RAD
Bi-212		pCi/g	G-03	RAD
Pb-212		pCi/g	G-03	RAD
Bi-214		pCi/g	G-03	RAD
Pb-214		pCi/g	G-03	RAD
Ra-224		pCi/g	G-03	RAD
Ra-226		pCi/g	G-03	RAD
Ac-228		pCi/g	G-03	RAD
K-40		pCi/g	G-03	RAD
Be-7		pCi/g	G-03	RAD
Co-60		pCi/g	G-03	RAD
Gamma		pCi/g	G-03	RAD
Total Metals in Sediment:				
Cadmium, Total in Sediment	EPA 3050A	mg/Kg	EPA 3050A	ICP
Lead, Total in Sediment	EPA 3050A	mg/Kg	EPA 3050A	ICP
Aluminum, Total in Sediment	EPA 3050A	mg/Kg	EPA 3050A	ICP
Calcium, Total in Sediment	EPA 3050A	mg/Kg	EPA 3050A	ICP
Beryllium, Total in Sediment	EPA 3050A	mg/Kg	EPA 3050A	ICP
Cobalt, Total in Sediment	EPA 3050A	mg/Kg	EPA 3050A	ICP
Barium, Total in Sediment	EPA 3050A	mg/Kg	EPA 3050A	ICP
Boron, Total in Sediment	EPA 3050A	mg/Kg	EPA 3050A	ICP
Iron, Total in Sediment	EPA 3050A	mg/Kg	EPA 3050A	ICP
Magnesium, Total in Sediment	EPA 3050A	mg/Kg	EPA 3050A	ICP
Silicon, Total in Sediment	EPA 3050A	mg/Kg	EPA 3050A	ICP
Copper, Total in Sediment	EPA 3050A	mg/Kg	EPA 3050A	ICP
Nickel, Total in Sediment	EPA 3050A	mg/Kg	EPA 3050A	ICP
Molybdenum, Total in Sediment	EPA 3050A	mg/Kg	EPA 3050A	ICP
Vanadium, Total in Sediment	EPA 3050A	mg/Kg	EPA 3050A	ICP
Zinc, Total in Sediment	EPA 3050A	mg/Kg	EPA 3050A	ICP
Thallium, Total in Sediment	EPA 3050A	mg/Kg	EPA 3050A	ICP
Chromium, Total in Sediment	EPA 3050A	mg/Kg	EPA 3050A	ICP
Silver, Total in Sediment	EPA 3050A	mg/Kg	EPA 3050A	ICP
Manganese, Total in Sediment	EPA 3050A	mg/Kg	EPA 3050A	ICP
Selenium, Total in Sediment	EPA 3050A	mg/Kg	EPA 3050A	GFAA
Arsenic, Total in Sediment	EPA 3050A	mg/Kg	EPA 3050A	GFAA
Antimony, Total in Sediment	EPA 3050A	mg/Kg	EPA 3050A	GFAA
Total Mercury in Sediment	EPA 7471	mg/Kg	EPA 7471	CVAA
Lithium, Total in Sediment	EPA 3050A	mg/Kg	EPA 7430	FAA
Potassium, Total in Sediment	EPA 3050A	mg/Kg	EPA 7610	FAA
Sodium, Total in Sediment	EPA 3050A	mg/Kg	EPA 7770	FAA
Pesticides and PCB's in Sediment:				
Aldrin	SW-846 3550	ug/Kg	SW-846 8081	GC 4
Alpha-BHC	SW-846 3550	ug/Kg	SW-846 8081	GC 4
Beta-BHC	SW-846 3550	ug/Kg	SW-846 8081	GC 4
Gamma-BHC	SW-846 3550	ug/Kg	SW-846 8081	GC 4
Delta-BHC	SW-846 3550	ug/Kg	SW-846 8081	GC 4
Chlordane	SW-846 3550	ug/Kg	SW-846 8081	GC 4
P'P'DDT	SW-846 3550	ug/Kg	SW-846 8081	GC 4
P'P'DDE	SW-846 3550	ug/Kg	SW-846 8081	GC 4
P'P'DDD	SW-846 3550	ug/Kg	SW-846 8081	GC 4
Dieldrin	SW-846 3550	ug/Kg	SW-846 8081	GC 4
Alpha-Endosulfan	SW-846 3550	ug/Kg	SW-846 8081	GC 4
Beta-Endosulfan	SW-846 3550	ug/Kg	SW-846 8081	GC 4
Endosulfan Sulfate	SW-846 3550	ug/Kg	SW-846 8081	GC 4
Endrin	SW-846 3550	ug/Kg	SW-846 8081	GC 4
Endrin Aldehyde	SW-846 3550	ug/Kg	SW-846 8081	GC 4
Heptachlor	SW-846 3550	ug/Kg	SW-846 8081	GC 4
Heptachlor Epoxide	SW-846 3550	ug/Kg	SW-846 8081	GC 4
PCB-1016	SW-846 3550	ug/Kg	SW-846 8081	GC 4
PCB-1221	SW-846 3550	ug/Kg	SW-846 8081	GC 4
PCB-1232	SW-846 3550	ug/Kg	SW-846 8081	GC 4
PCB-1242	SW-846 3550	ug/Kg	SW-846 8081	GC 4
PCB-1248	SW-846 3550	ug/Kg	SW-846 8081	GC 4
PCB-1254	SW-846 3550	ug/Kg	SW-846 8081	GC 4
PCB-1260	SW-846 3550	ug/Kg	SW-846 8081	GC 4
Toxaphene	SW-846 3550	ug/Kg	SW-846 8081	GC 4

Table 4. Analyses of Sediment Samples Source Area Study (Page 2 of 2)

Analyte	Sample	Result	Sample	Type of
	Prep	Units	Analysis	Analytical
	Method		Method	Instrument
Semivolatile Organics in Sediment:				
Acenaphthene	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Acenaphthylene	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Anthracene	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Benzo(a)pyrene	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Benzo(b)fluoranthene	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Benzo(ghi)perylene	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Benzo(k)fluoranthene	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Benzo(a)anthracene	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Benzyl alcohol	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Butyl benzyl phthalate	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Bis(2-ethylhexyl)phthalate	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Bis(2-chloroethoxy)methane	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Bis(2-chloroethyl)ether	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Bis(2-chloro-1-methylethyl)ether	SW-846 3550	mg/Kg	SW-846 8270	GCMS
4-Bromophenyl phenyl ether	SW-846 3550	mg/Kg	SW-846 8270	GCMS
2-Chloronaphthalene	SW-846 3550	mg/Kg	SW-846 8270	GCMS
4-Chlorophenyl phenyl ether	SW-846 3550	mg/Kg	SW-846 8270	GCMS
2-Chlorophenol	SW-846 3550	mg/Kg	SW-846 8270	GCMS
p-Chloroaniline	SW-846 3550	mg/Kg	SW-846 8270	GCMS
4-chloro-3-methylphenol	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Chrysene	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Dibenz(a,h)anthracene	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Dibenzofuran	SW-846 3550	mg/Kg	SW-846 8270	GCMS
2,4-Dichlorophenol	SW-846 3550	mg/Kg	SW-846 8270	GCMS
3,3'-Dichlorobenzidine	SW-846 3550	mg/Kg	SW-846 8270	GCMS
1,3-Dichlorobenzene	SW-846 3550	mg/Kg	SW-846 8270	GCMS
1,2-Dichlorobenzene	SW-846 3550	mg/Kg	SW-846 8270	GCMS
1,4-Dichlorobenzene	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Diethyl phthalate	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Dimethyl phthalate	SW-846 3550	mg/Kg	SW-846 8270	GCMS
4,6-Dinitro-o-cresol	SW-846 3550	mg/Kg	SW-846 8270	GCMS
2,4-Dimethylphenol	SW-846 3550	mg/Kg	SW-846 8270	GCMS
2,4-Dinitrophenol	SW-846 3550	mg/Kg	SW-846 8270	GCMS
2,4-Dinitrotoluene	SW-846 3550	mg/Kg	SW-846 8270	GCMS
2,6-Dinitrotoluene	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Di-n-butyl phthalate	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Di-n-octyl phthalate	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Fluoranthene	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Fluorene	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Hexachlorobenzene	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Hexachlorobutadiene	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Hexachlorocyclopentadiene	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Hexachloroethane	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Indeno(1,2,3-cd)pyrene	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Isophorone	SW-846 3550	mg/Kg	SW-846 8270	GCMS
2-Methylnaphthalene	SW-846 3550	mg/Kg	SW-846 8270	GCMS
2-Methyl phenol	SW-846 3550	mg/Kg	SW-846 8270	GCMS
4-Methyl phenol	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Naphthalene	SW-846 3550	mg/Kg	SW-846 8270	GCMS
1,4-Naphthoquinone	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Nitrobenzene	SW-846 3550	mg/Kg	SW-846 8270	GCMS
m-Nitroaniline	SW-846 3550	mg/Kg	SW-846 8270	GCMS
o-Nitroaniline	SW-846 3550	mg/Kg	SW-846 8270	GCMS
p-Nitroaniline	SW-846 3550	mg/Kg	SW-846 8270	GCMS
o-Nitrophenol	SW-846 3550	mg/Kg	SW-846 8270	GCMS
p-Nitrophenol	SW-846 3550	mg/Kg	SW-846 8270	GCMS
N-Nitrosodiphenylamine	SW-846 3550	mg/Kg	SW-846 8270	GCMS
N-Nitrosodi-n-propylamine	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Pentachloroethane	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Pentachlorophenol	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Phenanthrene	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Phenol	SW-846 3550	mg/Kg	SW-846 8270	GCMS
Pyrene	SW-846 3550	mg/Kg	SW-846 8270	GCMS
1,2,4-Trichlorobenzene	SW-846 3550	mg/Kg	SW-846 8270	GCMS
2,4,5-Trichlorophenol	SW-846 3550	mg/Kg	SW-846 8270	GCMS
2,4,6-Trichlorophenol	SW-846 3550	mg/Kg	SW-846 8270	GCMS

TABLE 5. WATER QUALITY PARAMETERS AT SURFACE, MIDDLE AND BOTTOM DEPTHS OF SAMPLING SITES

LOCATION	Site	Depth m	Temp deg C	DO mg/l	Cond mMho/cm	pH
CRM 50.1	A	0.3	17.6	8.0	229	7.5
	A	1.6	14.3	6.9	228	7.3
	A	3.2	13.5	6.8	225	7.3
CRM 47.9	B	0.3	24.6	6.8	234	7.3
	B	2.9	14.5	7.0	229	7.4
	B	5.8	14.1	6.8	227	7.4
CRM 41	Y1	0.3	21.4	7.0	241	7.4
	Y1	2.3	18.9	3.2	235	7.0
	Y1	4.7	17.7	2.0	235	7.0
CRM 41						
	Y2	0.3	23.2	8.7	239	7.7
	Y2	3.5	18.3	7.0	229	7.3
	Y2	6.9	16.4	6.2	230	7.2
CRM 37.5	Y3	0.3	21.5	9.3	237	8.0
	Y3	3.9	19.5	7.3	236	7.4
	Y3	7.8	17.9	5.7	237	7.3
CRM 33.2	Ref2	0.3	24.7	10.2	235	8.6
	Ref2	3.1	21.7	6.9	240	7.6
	Ref2	6.2	19.3	6.0	234	7.4
CRM 31.8	X1	0.3	23.7	9.3	234	8.5
	X1	4.7	19.2	4.7	240	7.3
	X1	9.4	17.7	3.8	242	7.3
CRM 27.1	X2	0.3	24.6	9.3	233	8.5
	X2	4.2	20.0	7.1	238	7.3
	X2	8.4	18.5	6.2	231	7.3
ERM 11.2	C	0.3	26.3	4.8	118	7.0
	C	4.5	24.8	6.0	108	6.9
	C	8.9	23.4	1.7	111	6.8
TRM 562.3	D	0.3	26.4	8.6	316	8.1
	D	0.5	26.2	7.9	317	8.0
	D	0.8	26.1	7.6	319	7.9
TRM 562.3	E	0.3	27.3	10.5	259	8.6
	E	0.9	27.0	9.9	265	8.4
	E	1.8	25.5	5.4	275	7.6
TRM 552.9	F	0.3	26.4	9.7	170	8.7
	F	4.2	24.9	4.8	160	7.1
	F	8.4	24.6	0.9	175	7.0

TABLE 6. RESULTS OF TRITIUM ANALYSES ON WATER SAMPLES (PAGE 1 OF 1)

Location	Site ID	Sample Type	Sample Info.	Batch	Tritium pCi/liter
CRM 50.1	A		T0012	1	14.7
CRM 50.1	A	FR	T0263	1	-27.0
CRM 47.9	B		T0022	1	86.0
CRM 41	Y1		T0032	1	44.2
CRM 41	Y2		T0042	1	115.4
CRM 37.5	Y3		T0052	1	142.4
CRM 33.2	REF 2		T0062	1	49.1
CRM 31.8	X1		T0072	1	127.6
CRM 31.8	X1		T0072	1	56.4
CRM 31.8	X1	FR	T0290	1	115.3
CRM 27.1	X2		T0082	1	61.4
ERM 11.2	C		T0192	1	24.5
TRM 562.3	D		T0232	1	100.6
TRM 562.3	E		T0242	1	17.2
TRM 552.9	F		T0252	1	125.1
TRM 552.9	F		T0252	1	154.6
	AFTER B	FRB	T0273	1	14.7
	AFTER X2	FRB	T0300	1	27.0

DIRB = DAILY INITIAL RINSE BLANK

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLANK

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICATE SAMPLE

LAB BLK= LABORATORY BLANK

TABLE 7. RESULTS OF RADIONUCLIDE ANALYSES OF SEDIMENT SAMPLES (PAGE 1 OF 2)

Location	Site ID	Sample Type	Sample Info.	Gross A pCi/g	Gross B pCi/g	Cs-137 pCi/g	Tl-208 pCi/g	Bi-212 pCi/g	Pb-212 pCi/g	Bi-214 pCi/g	Pb-214 pCi/g	Ra-224 pCi/g	Ra-226 pCi/g	Ac-228 pCi/g	K-40 pCi/g
CRM 50.1	A		T0017	2.6	44.2	0.29	0.53	1.5	1.5	1.2	1.3		1.2	1.6	23.9
CRM 50.1	A	FR	T0268	3.8	41	0.27	0.56	2.2	1.7	1.2	1.2		1.2	1.8	23
CRM 47.9	B		T0027	3.4	35	0.16	0.57	1.7	1.5	1.5		1.5	1.2	19.4	
CRM 41	Y1		T0037	2	37.8	0.25	0.46	1.9	1.4	1	1		1	1.6	20.5
CRM 41	Y2		T0047	4.3	43.1	0.23	0.51	1.8	1.4	1.2	1.2		1.2	1.5	20.2
CRM 37.5	Y3		T0057	4.2	42.5	0.41	0.74	2	2.3	2	1.8	2.8	2	2.2	23.9
CRM 33.2	REF 2		T0067	3.8	39	0.34	0.5	1.6	1.3	1	1.1		1	1.7	23.8
CRM 31.8	X1		T0077	3.2	42.2	0.33	0.52	2.5	1.7	1.2	1.3		1.2	2.1	25.8
CRM 31.8	X1	FR	T0295	3.6	46	0.38	0.66		2	1.4	1.5		1.4	2	30.1
CRM 27.1	X2		T0087	4.3	32.6	0.21	0.43		1.4	1.4	1.4		1.4	1.4	15.6
ERM 11.2	C		T0197	2	28.1	0.29	0.48	2.1	1.4	1.4	1.6		1.4	1.4	12.5
TRM 562.3	D		T0237	2.1	25.2	0.14	0.53		1.3	1.4	1.3		1.4	1.4	13.7
TRM 562.3	D		T0237	2.9	27.9	0.2	0.52	1.6	1.3	1.2	1		1.2	1.3	14.7
TRM 562.3	E		T0247	3.2	34.6	0.14	0.33	1.2	0.9	0.8	0.9		0.8	1.3	13.7
TRM 552.9	F		T0257	4.9	44.9	2.07	0.8	3.1	2.4	1.6	1.7		1.6	2.1	24.8
TRM 552.9	F		T0257	5.1	44.4	2.2	0.87	3.3	2.5	2.2	2.1		2.2	1.9	27
	AFTER B	FRB	T0276	0.1	0.5										
	AFTER X2	FRB	T0303	-0.6	0.8										

DIRB = DAILY INITIAL RINSE BLANK

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLANK

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICATE SAMPLE

LAB BLK= LABORATORY BLANK

TABLE 7. RESULTS OF RADIONUCLIDE ANALYSES OF SEDIMENT SAMPLES (PAGE 2 OF 2)

Location	Site ID	Sample Type	Sample Info.	Be-7 pCi/g	Co-60	Gamma
CRM 50.1	A		T0017			
CRM 50.1	A	FR	T0268			
CRM 47.9	B		T0027			
CRM 41	Y1		T0037	1.6		
CRM 41	Y2		T0047			
CRM 37.5	Y3		T0057			
CRM 33.2	REF 2		T0067			
CRM 31.8	X1		T0077			
CRM 31.8	X1	FR	T0295			
CRM 27.1	X2		T0087			
ERM 11.2	C		T0197	4.7		
TRM 562.3	D		T0237			
TRM 562.3	D		T0237			
TRM 562.3	E		T0247			
TRM 552.9	F		T0257			
TRM 552.9	F		T0257			
	AFTER B	FRB	T0276			.
	AFTER X2	FRB	T0303			.

DIRB = DAILY INITIAL RINSE B

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BL

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLIC

LAB BLK= LABORATORY BLANK

TABLE 8. INDUCTIVELY COUPLED PLASMA DISSOLVED METALS IN WATER (PAGE 1 OF2)

Location	Site ID	Sample Type	Sample Information	Dissolved Aluminum ug/L	Dissolved Calcium mg/L	Dissolved Beryllium ug/L	Dissolved Barium ug/L	Dissolved Boron ug/L	Dissolved Iron ug/L	Dissolved Magnesium mg/L	Dissolved Silicon ug/L
CRM 50.1	A		T0013	50.	0.1	26.	10.	500.	10.	0.01	20.
CRM 50.1	A	FR	T0264	50.	29.	26.	10.	500.	10.	7.7	2400.
CRM 47.9	B		T0023	50.	28.	26.	10.	500.	10.	7.7	2400.
CRM 41	Y1		T0033	50.	30.	1.0	10.	500.	10.	8.2	2500.
CRM 41	Y2		T0043	50.	30.	1.0	10.	500.	10.	8.1	2400.
CRM 37.5	Y3		T0053	50.	30.	1.0	20.	500.	10.	7.9	2500.
CRM 33.2	REF 2		T0063	50.	29.	1.0	10.	500.	10.	8.0	2200.
CRM 31.8	X1		T0073	50.	31.	1.0	20.	500.	10.	8.6	2500.
CRM 31.8	X1	FR	T0291	50.	31.	1.0	10.	500.	10.	8.4	2400.
CRM 27.1	X2		T0083	50.	30.	1.0	10.	500.	10.	5.0	2300.
ERM 11.2	C		T0193	50.	10.	1.0	20.	500.	20.	2.4	1000.
TRM 562.3	D		T0233	50.	43.	1.0	20.	500.	10.	8.6	2900.
TRM 562.3	E		T0243	50.	33.	1.0	30.	500.	10.	8.2	2600.
TRM 552.9	F		T0253	50.	20.	25.	10.	500.	10.	5.0	2500.
	AFTER B	FRB	T0274	50.	0.1	1.0	10.	500.	10.	0.01	20.
	AFTER X2		T0301	50.	0.1	1.0	10.	500.	10.	0.01	20.

DIRB = DAILY INITIAL RINSE BLANK

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLANK

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICATE SAMPLE

LAB BLK= LABORATORY BLANK

TABLE 8. INDUCTIVELY COUPLED PLASMA DISSOLVED METALS IN WATER (PAGE 2 OF 2)

Location	Site ID	Sample Type	Sample Information	Dissolved Copper ug/L	Dissolved Molybdenum ug/L	Dissolved Vanadium ug/L	Dissolved Zinc ug/L	Dissolved Silver ug/L	Dissolved Manganese ug/L
CRM 50.1	A		T0013	10.	20.	10.	10.	10.	5.0
CRM 50.1	A	FR	T0264	10.	20.	10.	10.	10.	16.
CRM 47.9	B		T0023	10.	20.	10.	10.	10.	21.
CRM 41	Y1		T0033	10.	20.	10.	10.	10.	5.0
CRM 41	Y2		T0043	10.	20.	10.	10.	10.	5.0
CRM 37.5	Y3		T0053	10.	20.	10.	10.	10.	5.0
CRM 33.2	REF 2		T0063	10.	20.	10.	10.	10.	5.0
CRM 31.8	X1		T0073	10.	20.	10.	10.	10.	5.0
CRM 31.8	X1	FR	T0291	10.	20.	10.	10.	10.	5.0
CRM 27.1	X2		T0083	10.	20.	10.	10.	10.	5.0
ERM 11.2	C		T0193	10.	20.	10.	10.	10.	10.
TRM 562.3	D		T0233	10.	20.	10.	10.	10.	16.
TRM 562.3	E		T0243	10.	20.	10.	10.	10.	5.0
TRM 552.9	F		T0253	10.	20.	10.	10.	10.	5.0
	AFTER B	FRB	T0274	10.	20.	10.	10.	10.	5.0
	AFTER X2		T0301	10.	20.	10.	10.	10.	5.0

DIRB = DAILY INITIAL RINSE BLANK

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLANK

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICATE S

LAB BLK= LABORATORY BLANK

TABLE 9. INDUCTIVELY COUPLED PLASMA TOTAL METALS IN WATER (PAGE 1 OF 1)

Location	Site ID	Sample Type	Sample Information	Total Aluminum ug/L	Total Calcium mg/L	Total Beryllium ug/L	Total Barium ug/L	Total Boron ug/L	Total Iron ug/L	Total Magnesium mg/L	Total Silicon ug/L	Total Copper ug/L	Total Molybdenum ug/L	Total Vanadium ug/L	Total Zinc ug/L	Total Silver ug/L	Total Manganese ug/L
CRM 50.1	A		T0015	150.	30.	1.0	20.	500.	150.	7.9	2800.	30.	20.	10.	10.	10.	38.
CRM 50.1	A	FR	T0266	120.	30.	1.0	20.	500.	180.	8.0	2800.	20.	20.	10.	10.	10.	40.
CRM 47.9	B		T0025	280.	30.	1.0	20.	500.	390.	8.0	3000.	40.	20.	10.	10.	10.	65.
CRM 41	Y1		T0035	170.	30.	1.0	20.	500.	390.	8.0	2800.	20.	20.	10.	10.	10.	60.
CRM 41	Y2		T0045	160.	32.	1.0	20.	500.	110.	8.4	2600.	10.	20.	10.	10.	10.	31.
CRM 37.5	Y3		T0055	100.	31.	1.0	30.	500.	40.	8.4	2600.	10.	20.	10.	10.	10.	26.
CRM 33.2	REF 2		T0065	80.	29.	1.0	20.	500.	170.	9.0	2400.	10.	20.	10.	10.	10.	18.
CRM 31.8	X1		T0075	50.	30.	1.0	20.	500.	100.	7.8	2200.	10.	20.	10.	10.	10.	12.
CRM 31.8	X1	FR	T0293	60.	29.	1.0	20.	500.	90.	7.5	2400.	10.	20.	10.	10.	10.	10.
CRM 27.1	X2		T0085	50.	31.	1.0	20.	500.	80.	8.1	2200.	10.	20.	10.	10.	10.	6.0
ERM 11.2	C		T0195	60.	10.	1.0	30.	500.	140.	2.2	1200.	10.	20.	10.	10.	10.	31.
TRM 562.3	D		T0235	810.	44.	1.0	40.	500.	1100.	8.6	3300.	10.	20.	10.	10.	10.	220.
TRM 562.3	E		T0245	340.	35.	1.0	40.	500.	320.	8.0	2800.	10.	20.	10.	10.	10.	99.
TRM 552.9	F		T0255	50.	20.	1.0	10.	500.	90.	4.6	2200.	10.	20.	10.	10.	10.	21.
	BEFORE A	DIRB	T0261	50.	0.1	1.0	10.	500.	20.	0.01	20.	20.	20.	10.	10.	10.	5.0
	AFTER B	FRB	T0278	50.	0.2	1.0	10.	500.	10.	0.01	780.	10.	20.	10.	10.	10.	5.0
	AFTER B	DFRB	T0280	50.	0.1	1.0	10.	500.	10.	0.01	20.	10.	20.	10.	10.	10.	5.0
	BEFORE Y1	DIRB	T0281	50.	0.2	1.0	10.	500.	10.	0.01	20.	10.	20.	10.	30.	10.	5.0
	AFTER Y2	DFRB	T0282	50.	0.1	1.0	10.	500.	10.	0.01	20.	10.	20.	10.	10.	10.	5.0
	BEFORE Y3	DIRB	T0283	50.	0.1	1.0	10.	500.	10.	0.01	20.	10.	20.	10.	10.	10.	5.0
	AFTER REF2	DFRB	T0284	50.	0.1	1.0	10.	500.	10.	0.01	90.	10.	20.	10.	10.	10.	5.0
	BEFORE X1	DIRB	T0288	50.	0.1	1.0	10.	500.	10.	0.01	160.	10.	20.	10.	10.	10.	5.0
	AFTER X2	FRB	T0305	80.	0.2	1.0	10.	500.	60.	0.01	910.	10.	20.	10.	10.	10.	5.0
	AFTER X2	DFRB	T0307	50.	0.1	1.0	10.	500.	10.	0.01	20.	10.	20.	10.	10.	10.	5.0
	BEFORE D	DIRB	T0308	50.	0.1	1.0	10.	500.	10.	0.01	20.	10.	20.	10.	10.	10.	5.0
	AFTER E	DFRB	T0309	50.	0.1	1.0	10.	500.	10.	0.01	20.	10.	20.	10.	10.	10.	5.0
	BEFORE C	DIRB	T0310	50.	0.1	1.0	10.	500.	20.	0.01	20.	10.	20.	10.	10.	10.	5.0
	AFTER F	DFRB	T0311	50.	0.1	1.0	10.	500.	10.	0.01	20.	10.	20.	10.	10.	10.	5.0

DIRB = DAILY INITIAL RINSE BLANK

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLANK

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICATE SAMPLE

LAB BLK= LABORATORY BLANK

TABLE 10. GRAPHITE FURNACE AA DISSOLVED METALS IN WATER (PAGE 1 OF 1)

Location	Site ID	Sample Type	Sample Information	Dissolved Selenium ug/L	Dissolved Cadmium ug/L	Dissolved Lead ug/L	Dissolved Arsenic ug/L	Dissolved Antimony ug/L	Dissolved Thallium ug/L	Dissolved Chromium ug/L	Dissolved Cobalt ug/L	Dissolved Nickel ug/L
CRM 50.1	A		T0013	1.	0.1	1.	1.	1.	1.	5.	1.	1.
CRM 50.1	A	FR	T0264	1.	0.1	1.	1.	1.	1.	7.	1.	1.
CRM 47.9	B		T0023	1.	0.1	1.	1.	1.	1.	5.	1.	1.
CRM 41	Y1		T0033	1.	0.1	1.	1.	4.	1.	1.	1.	1.
CRM 41	Y2		T0043	1.	0.1	1.	1.	2.	1.	1.	1.	1.
CRM 37.5	Y3		T0053	1.	0.1	1.	1.	1.	1.	1.	1.	1.
CRM 33.2	REF 2		T0063	1.	0.1	1.	1.	1.	1.	1.	1.	1.
CRM 31.8	X1		T0073	1.	0.1	1.	1.	1.	1.	2.	1.	1.
CRM 31.8	X1	FR	T0291	1.	0.1	1.	1.	1.	1.	1.	1.	1.
CRM 27.1	X2		T0083	1.	0.1	1.	1.	1.	1.	1.	1.	1.
ERM 11.2	C		T0193	1.	0.1	1.	1.	2.	1.	1.	1.	7.
TRM 562.3	D		T0233	1.	0.1	1.	1.	6.	1.	1.	1.	1.
TRM 562.3	E		T0243	1.	0.1	1.	1.	1.	1.	1.	1.	1.
TRM 552.9	F		T0253	1.	0.1	1.	1.	1.	1.	1.	1.	1.
	AFTER B	FRB	T0274	1.	0.1	1.	1.	1.	1.	1.	1.	1.
	AFTER X2	FRB	T0301	1.	0.1	1.	1.	1.	1.	1.	1.	1.

DIRB = DAILY INITIAL RINSE BLANK

FRB = FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB = DAILY FINAL RINSE BLANK

SPL = SPLIT SAMPLE

LD=LAB DUP LABORATORY DUPLICATE SAMPLE

LAB BLK= LABORATORY BLANK

TABLE 11. GRAPHITE FURNACE AA TOTAL METALS IN WATER (PAGE 1 OF 1)

Location	Site ID	Sample Type	Sample Information	Total Selenium ug/L	Total Cadmium ug/L	Total Lead ug/L	Total Arsenic ug/L	Total Antimony ug/L	Total Thallium ug/L	Total Chromium ug/L	Total Cobalt ug/L	Total Nickel ug/L
CRM 50.1	A		T0015	1.	0.1	1.	1.	2.	1.	1.	1.	5.
CRM 50.1	A	FR	T0266	1.	0.1	1.	1.	1.	1.	1.	1.	1.
CRM 47.9	B		T0025	1.	0.1	1.	1.	1.	1.	1.	1.	1.
CRM 41	Y1		T0035	1.	0.1	1.	1.	1.	1.	1.	1.	1.
CRM 41	Y2		T0045	1.	0.1	1.	1.	1.	1.	1.	1.	1.
CRM 37.5	Y3		T0055	1.	0.1	2.	1.	1.	1.	1.	1.	1.
CRM 33.2	REF 2		T0065	1.	0.1	1.	1.	1.	1.	1.	1.	1.
CRM 31.8	X1		T0075	1.	0.1	1.	1.	1.	1.	1.	1.	1.
CRM 31.8	X1	FR	T0293	1.	0.1	1.	1.	1.	1.	1.	1.	1.
CRM 27.1	X2		T0085	1.	0.1	1.	1.	1.	1.	1.	1.	1.
ERM 11.2	C		T0195	1.	0.1	1.	1.	1.	1.	1.	1.	1.
TRM 562.3	D		T0235	1.	0.1	2.	3.	1.	1.	2.	1.	1.
TRM 562.3	E		T0245	1.	0.1	1.	1.	1.	1.	1.	1.	1.
TRM 552.9	F		T0255	1.	0.1	1.	1.	1.	1.	1.	1.	1.
	BEFORE A	DIRB	T0261	1.	0.1	1.	1.	1.	1.	1.	1.	1.
	AFTER B	FRB	T0278	1.	0.1	1.	1.	1.	1.	1.	1.	1.
	AFTER B	DFRB	T0280	1.	0.1	1.	1.	1.	1.	1.	1.	1.
	BEFORE Y1	DIRB	T0281	1.	0.1	1.	1.	1.	1.	1.	1.	1.
	AFTER Y2	DFRB	T0282	1.	0.1	1.	1.	1.	1.	1.	1.	1.
	BEFORE Y3	DIRB	T0283	1.	0.1	1.	1.	1.	1.	1.	1.	1.
	AFTER REF2	DFRB	T0284	1.	0.1	1.	1.	1.	1.	1.	1.	1.
	BEFORE X1	DIRB	T0288	1.	0.1	1.	1.	2.	1.	1.	1.	1.
	AFTER X2	FRB	T0305	1.	0.1	1.	1.	1.	1.	1.	1.	1.
	AFTER X2	DFRB	T0307	1.	0.1	1.	1.	1.	1.	1.	1.	1.
	BEFORE D	DIRB	T0308	1.	0.1	1.	1.	1.	1.	1.	1.	1.
	AFTER E	DFRB	T0309	1.	0.1	1.	1.	1.	1.	1.	1.	1.
	BEFORE C	DIRB	T0310	1.	0.1	1.	1.	1.	1.	1.	1.	2.
	AFTER F	DFRB	T0311	1.	0.1	1.	1.	1.	1.	1.	1.	1.

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FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLANK

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICATE SAMPLE

LAB BLK= LABORATORY BLANK

TABLE 12. FLAME AA DISSOLVED METALS IN WATER (PAGE 1 OF 1)

Location	Site ID	Sample Type	Sample Information	Dissolved Lithium ug/L	Dissolved Potassium mg/L	Dissolved Sodium mg/L
CRM 50.1	A		T0013	10.	1.3	2.7
CRM 50.1	A	FR	T0264	10.	1.3	2.7
CRM 47.9	B		T0023	10.	1.3	2.8
CRM 41	Y1		T0033	10.	1.3	2.7
CRM 41	Y2		T0043	10.	1.3	2.7
CRM 37.5	Y3		T0053	10.	1.3	2.8
CRM 33.2	REF 2		T0063	10.	1.3	2.8
CRM 31.8	X1		T0073	10.	1.4	3.0
CRM 31.8	X1		T0291	10.	1.4	2.9
CRM 27.1	X2		T0083	10.	1.4	3.0
ERM 11.2	C		T0193	10.	1.5	5.7
TRM 562.3	D		T0233	10.	4.0	6.0
TRM 562.3	E		T0243	10.	2.9	4.6
TRM 552.9	F		T0253	10.	1.4	4.4
	AFTER B	FRB	T0274	10.	0.1	0.1
	AFTER X2	FRB	T0301	10.	0.1	0.2

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FRB= FIELD RINSE BLANK

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TABLE 13. FLAME AA TOTAL METALS IN WATER (PAGE 1 OF 1)

Location	Site ID	Sample Type	Sample Information	Total Lithium ug/L	Total Potassium mg/L	Total Sodium mg/L
CRM 50.1	A		T0015	10.	1.4	2.8
CRM 50.1	A	FR	T0266	10.	1.4	2.8
CRM 47.9	B		T0025	10.	1.3	3.0
CRM 41	Y1		T0035	10.	1.4	2.8
CRM 41	Y2		T0045	10.	1.3	2.9
CRM 37.5	Y3		T0055	10.	1.4	3.0
CRM 33.2	REF 2		T0065	10.	1.4	3.0
CRM 31.8	X1		T0075	10.	1.4	3.0
CRM 31.8	X1	FR	T0293	10.	1.4	3.0
CRM 27.1	X2		T0085	10.	1.4	3.0
ERM 11.2	C		T0195	10.	1.6	6.9
TRM 562.3	D		T0235	10.	4.1	6.1
TRM 562.3	E		T0245	10.	3.0	4.6
TRM 552.9	F		T0255	10.	1.5	4.6
	BEFORE A	DIRB	T0261	10.	0.1	0.1
	AFTER B	FRB	T0278	10.	0.1	0.6
	AFTER B	DFRB	T0280	10.	0.1	0.1
	BEFORE Y1	DIRB	T0281	10.	0.1	0.1
	AFTER Y2	DFRB	T0282	10.	0.1	0.1
	BEFORE Y3	DIRB	T0283	10.	0.1	0.1
	AFTER REF2	DFRB	T0284	10.	0.1	0.1
	BEFORE X1	DIRB	T0288	10.	0.1	0.1
	AFTER X2	FRB	T0305	10.	0.1	0.3
	AFTER X2	DFRB	T0307	10.	0.1	0.1
	BEFORE D	DIRB	T0308	10.	0.1	0.1
	AFTER E	DFRB	T0309	10.	0.1	0.1
	BEFORE C	DIRB	T0310	10.	0.1	0.1
	AFTER F	DFRB	T0311	10.	0.1	0.1

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FR = FIELD REPLICATE

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SPL= SPLIT SAMPLE

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TABLE 14. DISSOLVED MERCURY IN WATER (PAGE 1 OF 1)

Location	Site ID	Sample Type	Sample Information	Dissolved Mercury Analyte ug/L
CRM 50.1	A		T0013	0.2
CRM 50.1	A	FR	T0264	0.2
CRM 47.9	B		T0023	0.2
CRM 41	Y1		T0033	0.2
CRM 41	Y2		T0043	0.2
CRM 37.5	Y3		T0053	0.2
CRM 33.2	REF 2		T0063	0.2
CRM 31.8	X1		T0073	0.2
CRM 31.8	X1	FR	T0291	0.2
CRM 27.1	X2		T0083	0.2
ERM 11.2	C		T0193	0.2
TRM 562.3	D		T0233	0.2
TRM 562.3	E		T0243	0.2
TRM 552.9	F		T0253	0.2
	AFTER B	FRB	T0274	0.2
	AFTER X2	FRB	T0301	0.2

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SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICATE SAMPLE

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TABLE 15. TOTAL MERCURY IN WATER (PAGE 1 OF 1)

Location	Site ID	Sample Type	Sample Information	Total Mercury ug/L
CRM 50.1	A		T0015	0.2
CRM 50.1	A	FR	T0266	0.2
CRM 47.9	B		T0025	0.2
CRM 41	Y1		T0035	0.2
CRM 41	Y2		T0045	0.2
CRM 37.5	Y3		T0055	0.2
CRM 33.2	REF 2		T0065	0.2
CRM 31.8	X1		T0075	0.2
CRM 31.8	X1	FR	T0293	0.2
CRM 27.1	X2		T0085	0.2
ERM 11.2	C		T0195	0.2
TRM 562.3	E		T0245	0.2
TRM 552.9	F		T0255	0.2
	BEFORE A	DIRB	T0261	0.2
	AFTER B	FRB	T0278	0.2
	AFTER B	DFRB	T0280	0.2
	BEFORE Y1	DIRB	T0281	0.2
	AFTER Y2	DFRB	T0282	0.2
	BEFORE Y3	DIRB	T0283	0.2
	AFTER REF2	DFRB	T0284	0.2
	BEFORE X1	DIRB	T0288	0.2
	AFTER X2	FRB	T0305	0.2
	AFTER X2	DFRB	T0307	0.2
	BEFORE D	DIRB	T0308	0.2
	AFTER E	DFRB	T0309	0.2
	BEFORE C	DIRB	T0310	0.2
	AFTER F	DFRB	T0311	0.2

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FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLANK

SPL= SPLIT SAMPLE

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LAB BLK= LABORATORY BLANK

TABLE 16. INDUCTIVELY COUPLED PLASMA METALS IN SEDIMENT (PAGE 1 OF 3)

Location	Site ID	Sample Type	Sample Information	Total Cadmium mg/Kg	Total Lead mg/Kg	Total Aluminum mg/Kg	Total Calcium mg/Kg	Total Beryllium mg/Kg	Total Cobalt mg/Kg	Total Barium mg/Kg	Total Boron mg/Kg	Total Iron mg/Kg
CRM 50.1	A		T0019	2.2	47.	12000.	4700.	1.0	20.	200.	50.	28000.
CRM 50.1	A	FR	T0270	0.9	16.	14000.	4900.	0.8	6.8	82.	50.	28000.
CRM 47.9	B		T0029	1.7	34.	10000.	7400.	0.6	17.	160.	50.	24000.
CRM 41	Y1		T0039	1.2	31.	10000.	11400.	0.6	20.	120.	50.	27000.
CRM 41	Y2		T0049	2.0	33.	16000.	3900.	1.0	19.	180.	50.	34000.
CRM 37.5	Y3		T0059	1.6	35.	32000.	7400.	0.8	20.	210.	50.	39000.
CRM 33.2	REF 2		T0069	1.8	39.	28000.	5500.	1.0	18.	160.	50.	36000.
CRM 31.8	X1		T0079	1.5	26.	27000.	9300.	0.8	17.	140.	50.	35000.
CRM 27.1	X2		T0089	1.4	33.	21000.	10000.	0.6	18.	13.	50.	29000.
ERM 11.2	C		T0199	1.9	24.	18000.	3500.	1.1	25.	190.	50.	24000.
TRM 562.3	D		T0239	1.4	66.	16000.	17000.	0.1	9.1	88.	50.	26000.
TRM 562.3	E		T0249	1.0	34.	12000.	2800.	0.5	12.	93.	50.	17000.
TRM 552.9	F		T0259	3.3	46.	40000.	2800.	1.1	20.	210.	50.	46000.
	AFTER B	FRB	T0279	1.6	30.	27000.	8600.	0.6	16.	14.	50.	35000.

DIRB = DAILY INITIAL RINSE BLANK

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLANK

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICATE SAMPLE

LAB BLK= LABORATORY BLANK

TABLE 16. INDUCTIVELY COUPLED PLASMA METALS IN SEDIMENT (PAGE 2 OF 3)

Location	Site ID	Sample Type	Sample Information	Total Magnesium mg/Kg	Total Silicon mg/Kg	Total Copper mg/Kg	Total Nickel mg/Kg	Total Molybdenum mg/Kg	Total Vanadium mg/Kg	Total Zinc mg/Kg	Total Thallium mg/Kg
CRM 50.1	A		T0019	4900.	150.	28.	36.	2.0	40.	180.	5.0
CRM 50.1	A	FR	T0270	4300.	250.	23.	30.	2.0	39.	140.	5.0
CRM 47.9	B		T0029	4500.	180.	48.	27.	0.9	29.	130.	5.0
CRM 41	Y1		T0039	3800.	140.	24.	24.	2.0	36.	120.	5.0
CRM 41	Y2		T0049	4000.	180.	37.	32.	2.0	45.	120.	5.0
CRM 37.5	Y3		T0059	3800.	690.	39.	34.	2.0	43.	120.	5.0
CRM 33.2	REF 2		T0069	3900.	980.	30.	29.	2.0	40.	110.	5.0
CRM 31.8	X1		T0079	340.	830.	30.	26.	2.0	33.	89.	5.0
CRM 27.1	X2		T0089	2400.	1700.	41.	24.	2.0	36.	120.	10.
ERM 11.2	C		T0199	2100.	18.	18.	39.	2.0	30.	150.	5.0
TRM 562.3	D		T0239	2200.	730.	22.	16.	2.0	24.	260.	5.0
TRM 562.3	E		T0249	1800.	1200.	14.	14.	2.0	24.	81.	5.0
TRM 552.9	F		T0259	3700.	530.	32.	33.	2.0	58.	170.	5.0
	AFTER B	FRB	T0279	3300.	750.	30.	25.	2.0	33.	84.	5.0

DIRB = DAILY INITIAL RINSE BLANK

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLANK

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICATE SA

LAB BLK= LABORATORY BLANK

TABLE 16. INDUCTIVELY COUPLED PLASMA METALS IN SEDIMENT (PAGE 3 OF 3)

Location	Site ID	Sample Type	Sample Information	Total Chromium mg/Kg	Total Silver mg/Kg	Total Manganese mg/Kg
CRM 50.1	A		T0019	28.	1.0	3800.
CRM 50.1	A	FR	T0270	25.	1.0	4000.
CRM 47.9	B		T0029	20.	1.0	4300.
CRM 41	Y1		T0039	24.	1.0	1900.
CRM 41	Y2		T0049	31.	1.0	3300.
CRM 37.5	Y3		T0059	29.	1.0	5300.
CRM 33.2	REF 2		T0069	27.	1.0	1900.
CRM 31.8	X1		T0079	26.	1.0	3400.
CRM 27.1	X2		T0089	19.	1.0	3100.
ERM 11.2	C		T0199	21.	1.0	1500.
TRM 562.3	D		T0239	72.	1.0	15000.
TRM 562.3	E		T0249	18.	1.0	1200.
TRM 552.9	F		T0259	39.0	1.0	1500.
	AFTER B	FRB	T0279	25.	1.0	3600.

DIRB = DAILY INITIAL RINSE BLANK

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLANK

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICATE SA

LAB BLK= LABORATORY BLANK

TABLE 17. GRAPHITE FURNACE AND FLAME AA TOTAL METALS IN SEDIMENT (PAGE 1 OF 1)

Location	Site ID	Sample Type	Sample Information	Total Selenium mg/Kg	Total Arsenic mg/Kg	Total Antimony mg/Kg	Total Lithium mg/Kg	Total Potassium mg/Kg	Total Sodium mg/Kg
CRM 50.1	A		T0019	1.	5.2	0.5	45.0	2800.0	90.0
CRM 50.1	A	FR	T0270	1.	5.8	0.5	38.0	2700.0	77.0
CRM 47.9	B		T0029	1.	6.3	0.5	30.0	1900.0	72.0
CRM 41	Y1		T0039	1.	6.4	0.5	34.0	2600.0	80.0
CRM 41	Y2		T0049	1.	1.6	0.5	50.0	3400.0	100.0
CRM 37.5	Y3		T0059	1.	23.	0.5	53.0	3800.0	120.0
CRM 33.2	REF 2		T0069	1.	6.5	0.5	42.0	2600.0	89.0
CRM 31.8	X1		T0079	1.	6.8	0.5	48.0	4300.0	110.0
CRM 27.1	X2		T0089	1.	12.	0.5	38.0	2200.0	74.0
ERM 11.2	C		T0199	1.	4.5	1.0	16.0	1100.0	59.0
TRM 562.3	D		T0239	1.	19.	0.5	19.0	1500.0	70.0
TRM 562.3	E		T0249	1.	6.4	0.6	25.0	2300.0	70.0
TRM 552.9	F		T0259	1.	7.0	0.5	52.0	3700.0	120.0
	AFTER B	FRB	T0279	1.	5.6	0.5	47.0	3900.0	100.0

DIRB = DAILY INITIAL RINSE BLANK

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLANK

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICATE SAMPLE

LAB BLK= LABORATORY BLANK

TABLE 18. TOTAL MERCURY IN SEDIMENT (PAGE 1 OF 1)

Location	Site ID	Sample Type	Sample Information	Total Mercury mg/Kg
CRM 50.1	A		T0019	0.11
CRM 50.1	A	FR	T0270	0.11
CRM 47.9	B		T0029	0.10
CRM 41	Y1		T0039	0.20
CRM 41	Y2		T0049	0.12
CRM 37.5	Y3		T0059	0.10
CRM 33.2	REF 2		T0069	0.49
CRM 31.8	X1		T0079	0.10
CRM 31.8	X1	FR	T0297	0.10
CRM 27.1	X2		T0089	0.10
ERM 11.2	C		T0199	0.10
TRM 562.3	D		T0239	0.13
TRM 562.3	E		T0249	0.10
TRM 552.9	F		T0259	0.26

DIRB = DAILY INITIAL RINSE BLANK

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLANK

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICATE SAMPLE

LAB BLK= LABORATORY BLANK

TABLE 19. TOTAL AND FILTERED CYANIDE IN WATER (PAGE 1 OF 1)

Site ID	Nearest Approx. River Mile	Average Decimal Latitude Reading	Average Decimal Longitude Reading	Sample ID	Filtered Cyanide mg/l	Sample ID	Total Cyanide mg/l
A	CRM 50.1	36.031 N	84.192 W	T0014	<0.01	T0016	<0.01
					0		
B	CRM 47.9	36.017 N	84.161 W	T0024	<0.01	T0026	<0.01
Y1	CRM 41	35.978 N a	84.220 W a	T0034	<0.01	T0036	<0.01
Y2	CRM 41	35.973 N	84.218 W	T0044	<0.01	T0046	<0.01
Y3	CRM 37.5	35.958 N	84.245 W	T0054	<0.01	T0056	<0.01
REF 2	CRM 33.2	35.951 N	84.267 W	T0064	<0.01	T0066	<0.01
X1	CRM 31.8	35.927 N	84.271 W	T0074	<0.01	T0076	<0.01
X2	CRM 27.1	35.904 N	84.276 W	T0084	<0.01	T0086	<0.01
C	ERM 11.2	35.932 N	84.538 W	T0194	<0.01	T0196	<0.01
							0.0375
							0.0348
D	TRM 562.3	35.884 N	84.612 W	T0234	<0.01	T0236	<0.01
					0.0395		
					0.0386		
E	TRM 562.3	35.876 N	84.613 W	T0244	<0.01	T0246	<0.01
F	TRM 552.9	35.826 N	84.677 W	T0254	<0.01	T0256	<0.01

Notes: a = Sony instrument did not receive reliably, so the Magellan GPS readings, which are the average of 60 readings, appear in the average column.

TABLE 20. PESTICIDES AND PCB'S IN SEDIMENT (PAGE 1 OF 3)

LOCATION	SITE ID	SAMPLE TYPE	SAMPLE ID	Aldrin ug/Kg	Alpha-BHC ug/Kg	Beta-BHC ug/Kg	Gamma-BHC ug/Kg	Delta-BHC ug/Kg	Chlordane ug/Kg	P'P'DDT ug/Kg	P'P'DDE ug/Kg	P'P'DDD ug/Kg
CRM 50.1	A	FR	T0269	10.	10.	10.	10.	10.	26.	10.	10.	10.
CRM 47.9	B		T0028	10.	10.	10.	10.	10.	25.	10.	10.	10.
CRM 41	Y1		T0038	10.	10.	10.	10.	10.	23.	10.	10.	10.
CRM 41	Y1		T0038	10.	10.	10.	10.	10.	10.	10.	10.	10.
CRM 41	Y2		T0048	10.	10.	10.	10.	10.	10.	10.	10.	10.
CRM 37.5	Y3		T0058	10.	10.	10.	10.	10.	10.	10.	10.	10.
CRM 33.2	REF 2		T0068	10.	10.	10.	10.	10.	10.	10.	10.	10.
CRM 31.8	X1		T0078	10.	10.	10.	10.	10.	10.	10.	10.	10.
CRM 31.8	X1	FR	T0296	10.	10.	10.	10.	10.	10.	10.	10.	10.
CRM 27.1	X2		T0088	10.	10.	10.	10.	10.	10.	10.	10.	10.
ERM 11.2	C		T0198	10.	10.	10.	10.	10.	10.	10.	10.	10.
TRM 562.3	D		T0238	10.	10.	10.	10.	10.	10.	10.	10.	10.
TRM 562.3	E		T0248	10.	10.	10.	10.	10.	10.	10.	10.	10.
TRM 552.9	F		T0258	10.	10.	10.	10.	10.	10.	10.	10.	10.
	AFTER B	FRB	T0277	10.	10.	10.	10.	10.	10.	10.	10.	10.
	AFTER X2	FRB	T0304	10.	10.	10.	10.	10.	10.	10.	10.	10.

DIRB = DAILY INITIAL RINSE BLANK

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLANK

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICATE SAMPLE

LAB BLK= LABORATORY BLANK

TABLE 20. PESTICIDES AND PCB'S IN SEDIMENT (PAGE 2 OF 3)

LOCATION	SITE ID	SAMPLE TYPE	SAMPLE ID	Dieldrin ug/Kg	Alpha-Endosulfan ug/Kg	Beta-Endosulfan ug/Kg	Endosulfan Sulfate ug/Kg	Endrin ug/Kg	Endrin Aldehyde ug/Kg	Heptachlor ug/Kg	Heptachlor Epoxide ug/Kg	PCB-1016 ug/Kg
CRM 50.1	A	FR	T0269	10.	10.	10.	10.	10.	10.	10.	10.	25.
CRM 47.9	B		T0028	10.	10.	10.	10.	10.	10.	10.	10.	25.
CRM 41	Y1		T0038	10.	10.	10.	10.	10.	10.	10.	10.	25.
CRM 41	Y1		T0038	10.	10.	10.	10.	10.	10.	10.	10.	25.
CRM 41	Y2		T0048	10.	10.	10.	10.	10.	10.	10.	10.	25.
CRM 37.5	Y3		T0058	10.	10.	10.	10.	10.	10.	10.	10.	25.
CRM 33.2	REF 2		T0068	10.	10.	10.	10.	10.	10.	10.	10.	25.
CRM 31.8	X1		T0078	10.	10.	10.	10.	10.	10.	10.	10.	25.
CRM 31.8	X1	FR	T0296	10.	10.	10.	10.	10.	10.	10.	10.	25.
CRM 27.1	X2		T0088	10.	10.	10.	10.	10.	10.	10.	10.	25.
ERM 11.2	C		T0198	10.	10.	10.	10.	10.	10.	10.	10.	25.
TRM 562.3	D		T0238	10.	10.	10.	10.	10.	10.	10.	10.	25.
TRM 562.3	E		T0248	10.	10.	10.	10.	10.	10.	10.	10.	25.
TRM 552.9	F		T0258	10.	10.	10.	10.	10.	10.	10.	10.	25.
	AFTER B	FRB	T0277	10.	10.	10.	10.	10.	10.	10.	10.	25.
	AFTER X2	FRB	T0304	10.	10.	10.	10.	10.	10.	10.	10.	25.

DIRB = DAILY INITIAL RINSE BLANK

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLANK

SPL= SPLIT SAMPLE

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LAB BLK= LABORATORY BLANK

TABLE 20. PESTICIDES AND PCB'S IN SEDIMENT (PAGE 3 OF 3)

LOCATION	SITE ID	SAMPLE TYPE	SAMPLE ID	PCB-1221 ug/Kg	PCB-1232 ug/Kg	PCB-1242 ug/Kg	PCB-1248 ug/Kg	PCB-1254 ug/Kg	PCB-1260 ug/Kg	Toxaphene ug/Kg
CRM 50.1	A	FR	T0269	25.	25.	25.	25.	25.	25.	500.
CRM 47.9	B		T0028	25.	25.	25.	25.	45.	100.	500.
CRM 41	Y1		T0038	25.	25.	25.	25.	25.	25.	500.
CRM 41	Y1		T0038	25.	25.	25.	25.	25.	78.	500.
CRM 41	Y2		T0048	25.	25.	25.	25.	25.	25.	500.
CRM 37.5	Y3		T0058	25.	25.	25.	25.	25.	25.	500.
CRM 33.2	REF 2		T0068	25.	25.	25.	25.	25.	25.	500.
CRM 31.8	X1		T0078	25.	25.	25.	25.	25.	25.	500.
CRM 31.8	X1	FR	T0296	25.	25.	25.	25.	25.	25.	500.
CRM 27.1	X2		T0088	25.	25.	25.	25.	25.	25.	500.
ERM 11.2	C		T0198	25.	25.	25.	25.	25.	25.	500.
TRM 562.3	D		T0238	25.	25.	25.	25.	25.	25.	500.
TRM 562.3	E		T0248	25.	25.	25.	25.	25.	25.	500.
TRM 552.9	F		T0258	25.	25.	25.	25.	25.	25.	500.
	AFTER B	FRB	T0277	25.	25.	25.	25.	25.	25.	500.
	AFTER X2	FRB	T0304	25.	25.	25.	25.	25.	25.	500.

DIRB = DAILY INITIAL RINSE BLANK

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLANK

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICATE SAMPLE

LAB BLK= LABORATORY BLANK

TABLE 21. SEMIVOLATILE ORGANICS IN SEDIMENT - GCMS (PAGE 1 OF 13)

Location	Site ID	Sample Type	Sample Information	Acenaphthene mg/Kg	Acenaphthylene mg/Kg	Anthrance mg/Kg	Benzo(a)pyrene mg/Kg	Benzo(b)fluoranthene mg/Kg	Benzo(ghi)perylene mg/Kg
CRM 50.1	A		T0018	0.17	0.17	0.17	0.33	0.33	0.33
CRM 50.1	A	FR	T0269	0.17	0.17	0.17	0.33	0.33	0.33
CRM 47.9	B		T0028	0.17	0.17	0.17	0.33	0.33	0.33
CRM 41	Y1		T0038	0.17	0.17	0.17	0.33	0.33	0.33
CRM 41	Y2		T0048	0.17	0.17	0.17	0.33	0.33	0.33
CRM 37.5	Y3		T0058	0.17	0.17	0.17	0.33	0.33	0.33
CRM 33.2	REF 2		T0068	0.17	0.17	0.17	0.33	0.33	0.33
CRM 31.8	X1		T0078	0.17	0.17	0.17	0.33	0.33	0.33
CRM 31.8	X1		T0078	0.17	0.17	0.17	0.33	0.33	0.33
CRM 31.8	X1	FR	T0296	0.17	0.17	0.17	0.33	0.33	0.33
CRM 27.1	X2		T0088	0.17	0.17	0.17	0.33	0.33	0.33
ERM 11.2	C		T0198	0.17	0.17	0.17	0.33	0.33	0.33
TRM 562.3	D		T0238	0.17	0.17	0.17	0.33	0.33	0.33
TRM 562.3	E		T0248	0.17	0.17	0.17	0.33	0.33	0.33
	AFTER B	FRB	T0277	0.17	0.17	0.17	0.33	0.33	0.33
	AFTER X2	FRB	T0304	0.17	0.17	0.17	0.33	0.33	0.33

DIRB = DAILY INITIAL RINSE BLANK

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLANK

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICATE SAMPLE

LAB BLK= LABORATORY BLANK

TABLE 21. SEMIVOLATILE ORGANICS IN SEDIMENT - GCMS (PAGE 2 OF 13)

Location	Site ID	Sample Type	Sample Information	Benzo(k)fluoranthene mg/Kg	Benzo(a)anthracene mg/Kg	Benzyl alcohol mg/Kg	Butyl benzyl phthalate mg/Kg	Bis(2-ethylhexyl)phthalate mg/Kg
CRM 50.1	A		T0018	0.33	0.33	0.33	0.17	0.17
CRM 50.1	A	FR	T0269	0.33	0.33	0.33	0.17	0.17
CRM 47.9	B		T0028	0.33	0.33	0.33	0.17	0.17
CRM 41	Y1		T0038	0.33	0.33	0.33	0.17	0.17
CRM 41	Y2		T0048	0.33	0.33	0.33	0.17	0.17
CRM 37.5	Y3		T0058	0.33	0.33	0.33	0.17	0.17
CRM 33.2	REF 2		T0068	0.33	0.33	0.33	0.17	0.17
CRM 31.8	X1		T0078	0.33	0.33	0.33	0.17	0.17
CRM 31.8	X1		T0078	0.33	0.33	0.33	0.17	0.17
CRM 31.8	X1	FR	T0296	0.33	0.33	0.33	0.17	0.17
CRM 27.1	X2		T0088	0.33	0.33	0.33	0.17	0.17
ERM 11.2	C		T0198	0.33	0.33	0.33	0.17	0.17
TRM 562.3	D		T0238	0.33	0.33	0.33	0.17	0.17
TRM 562.3	E		T0248	0.33	0.33	0.33	0.17	0.17
	AFTER B	FRB	T0277	0.33	0.33	0.33	0.17	0.17
	AFTER X2	FRB	T0304	0.33	0.33	0.33	0.17	0.17

DIRB = DAILY INITIAL RINSE BL

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLA

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICA

LAB BLK= LABORATORY BLANK

TABLE 21. SEMIVOLATILE ORGANICS IN SEDIMENT - GCMS (PAGE 3 OF 13)

Location	Site ID	Sample Type	Sample Information	Bis(2-chloroethoxy)methane mg/Kg	Bis(2-chloroethyl)ether mg/Kg	Bis(2-chloro-1methylethyl)ether mg/Kg
CRM 50.1	A		T0018	0.17	0.17	0.17
CRM 50.1	A	FR	T0269	0.17	0.17	0.17
CRM 47.9	B		T0028	0.17	0.17	0.17
CRM 41	Y1		T0038	0.17	0.17	0.17
CRM 41	Y2		T0048	0.17	0.17	0.17
CRM 37.5	Y3		T0058	0.17	0.17	0.17
CRM 33.2	REF 2		T0068	0.17	0.17	0.17
CRM 31.8	X1		T0078	0.17	0.17	0.17
CRM 31.8	X1		T0078	0.17	0.17	0.17
CRM 31.8	X1	FR	T0296	0.17	0.17	0.17
CRM 27.1	X2		T0088	0.17	0.17	0.17
ERM 11.2	C		T0198	0.17	0.17	0.17
TRM 562.3	D		T0238	0.17	0.17	0.17
TRM 562.3	E		T0248	0.17	0.17	0.17
	AFTER B	FRB	T0277	0.17	0.17	0.17
	AFTER X2	FRB	T0304	0.17	0.17	0.17

DIRB = DAILY INITIAL RINSE BL

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLA

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICA

LAB BLK= LABORATORY BLANK

TABLE 21. SEMIVOLATILE ORGANICS IN SEDIMENT - GCMS (PAGE 4 OF 13)

Location	Site ID	Sample Type	Sample Information	4-Bromophenyl phenyl ethe mg/Kg	2-Chloronaphthalene mg/Kg	4-Chlorophenyl phenyl ethe mg/Kg	2-Chlorophenol mg/Kg
CRM 50.1	A		T0018	0.17	0.17	0.17	0.17
CRM 50.1	A	FR	T0269	0.17	0.17	0.17	0.17
CRM 47.9	B		T0028	0.17	0.17	0.17	0.17
CRM 41	Y1		T0038	0.17	0.17	0.17	0.17
CRM 41	Y2		T0048	0.17	0.17	0.17	0.17
CRM 37.5	Y3		T0058	0.17	0.17	0.17	0.17
CRM 33.2	REF 2		T0068	0.17	0.17	0.17	0.17
CRM 31.8	X1		T0078	0.17	0.17	0.17	0.17
CRM 31.8	X1		T0078	0.17	0.17	0.17	0.17
CRM 31.8	X1	FR	T0296	0.17	0.17	0.17	0.17
CRM 27.1	X2		T0088	0.17	0.17	0.17	0.17
ERM 11.2	C		T0198	0.17	0.17	0.17	0.17
TRM 562.3	D		T0238	0.17	0.17	0.17	0.17
TRM 562.3	E		T0248	0.17	0.17	0.17	0.17
	AFTER B	FRB	T0277	0.17	0.17	0.17	0.17
	AFTER X2	FRB	T0304	0.17	0.17	0.17	0.17

DIRB = DAILY INITIAL RINSE BL

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLA

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICA

LAB BLK= LABORATORY BLANK

TABLE 21. SEMIVOLATILE ORGANICS IN SEDIMENT - GCMS (PAGE 5 OF 13)

Location	Site ID	Sample Type	Sample Information	p-Chloroaniline mg/Kg	4-chloro-3-methylphenol mg/Kg	Chrysene mg/Kg	Dibenz(a,h)anthracene mg/Kg	Dibenzofuran mg/Kg
CRM 50.1	A		T0018	0.17	0.67	0.33	0.33	0.17
CRM 50.1	A	FR	T0269	0.17	0.67	0.33	0.33	0.17
CRM 47.9	B		T0028	0.17	0.67	0.33	0.33	0.17
CRM 41	Y1		T0038	0.17	0.67	0.33	0.33	0.17
CRM 41	Y2		T0048	0.17	0.67	0.33	0.33	0.17
CRM 37.5	Y3		T0058	0.17	0.67	0.33	0.33	0.17
CRM 33.2	REF 2		T0068	0.17	0.67	0.33	0.33	0.17
CRM 31.8	X1		T0078	0.17	0.67	0.33	0.33	0.17
CRM 31.8	X1		T0078	0.17	0.67	0.33	0.33	0.17
CRM 31.8	X1	FR	T0296	0.17	0.67	0.33	0.33	0.17
CRM 27.1	X2		T0088	0.17	0.67	0.33	0.33	0.17
ERM 11.2	C		T0198	0.17	0.67	0.33	0.33	0.17
TRM 562.3	D		T0238	0.17	0.67	0.33	0.33	0.17
TRM 562.3	E		T0248	0.17	0.67	0.33	0.33	0.17
	AFTER B	FRB	T0277	0.17	0.67	0.33	0.33	0.17
	AFTER X2	FRB	T0304	0.17	0.67	0.33	0.33	0.17

DIRB = DAILY INITIAL RINSE BL

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLA

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICA

LAB BLK= LABORATORY BLANK

TABLE 21. SEMIVOLATILE ORGANICS IN SEDIMENT - GCMS (PAGE 6 OF 13)

Location	Site ID	Sample Type	Sample Information	2,4-Dichlorophenol mg/Kg	3,3'-Dichlorobenzidine mg/Kg	1,3-Dichlorobenzene mg/Kg	1,2-Dichlorobenzene mg/Kg	1,4-Dichlorobenzene mg/Kg
CRM 50.1	A		T0018	0.33	0.83	0.17	0.17	0.17
CRM 50.1	A	FR	T0269	0.33	0.83	0.17	0.17	0.17
CRM 47.9	B		T0028	0.33	0.83	0.17	0.17	0.17
CRM 41	Y1		T0038	0.33	0.83	0.17	0.17	0.17
CRM 41	Y2		T0048	0.33	0.83	0.17	0.17	0.17
CRM 37.5	Y3		T0058	0.33	0.83	0.17	0.17	0.17
CRM 33.2	REF 2		T0068	0.33	0.83	0.17	0.17	0.17
CRM 31.8	X1		T0078	0.33	0.83	0.17	0.17	0.17
CRM 31.8	X1		T0078	0.33	0.83	0.17	0.17	0.17
CRM 31.8	X1	FR	T0296	0.33	0.83	0.17	0.17	0.17
CRM 27.1	X2		T0088	0.33	0.83	0.17	0.17	0.17
ERM 11.2	C		T0198	0.33	0.83	0.17	0.17	0.17
TRM 562.3	D		T0238	0.33	0.83	0.17	0.17	0.17
TRM 562.3	E		T0248	0.33	0.83	0.17	0.17	0.17
	AFTER B	FRB	T0277	0.33	0.83	0.17	0.17	0.17
	AFTER X2	FRB	T0304	0.33	0.83	0.17	0.17	0.17

DIRB = DAILY INITIAL RINSE BL

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLA

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICA

LAB BLK= LABORATORY BLANK

TABLE 21. SEMIVOLATILE ORGANICS IN SEDIMENT - GCMS (PAGE 7 OF 13)

Location	Site ID	Sample Type	Sample Information	Diethyl phthalate mg/Kg	Dimethyl phthalate mg/Kg	4,6-Dinitro-o-cresol mg/Kg	2,4-Dimethylphenol mg/Kg	2,4-Dinitrophenol mg/Kg
CRM 50.1	A		T0018	0.17	0.17	1.0	0.33	0.67
CRM 50.1	A	FR	T0269	0.17	0.17	1.0	0.33	0.67
CRM 47.9	B		T0028	0.17	0.17	1.0	0.33	0.67
CRM 41	Y1		T0038	0.17	0.17	1.0	0.33	0.67
CRM 41	Y2		T0048	0.17	0.17	1.0	0.33	0.67
CRM 37.5	Y3		T0058	0.17	0.17	1.0	0.33	0.67
CRM 33.2	REF 2		T0068	0.17	0.17	1.0	0.33	0.67
CRM 31.8	X1		T0078	0.17	0.17	1	0.33	0.67
CRM 31.8	X1		T0078	0.17	0.17	1.0	0.33	0.67
CRM 31.8	X1	FR	T0296	0.17	0.17	1.0	0.33	0.67
CRM 27.1	X2		T0088	0.17	0.17	1.0	0.33	0.67
ERM 11.2	C		T0198	0.17	0.17	1.0	0.33	0.67
TRM 562.3	D		T0238	0.17	0.17	1.0	0.33	0.67
TRM 562.3	E		T0248	0.17	0.17	1.0	0.33	0.67
	AFTER B	FRB	T0277	0.17	0.17	1.0	0.33	0.67
	AFTER X2	FRB	T0304	0.17	0.17	1.0	0.33	0.67

DIRB = DAILY INITIAL RINSE BL

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLA

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICA

LAB BLK= LABORATORY BLANK

TABLE 21. SEMIVOLATILE ORGANICS IN SEDIMENT - GCMS (PAGE 8 OF 13)

Location	Site ID	Sample Type	Sample Information	2,4-Dinitrotoluene mg/Kg	2,6-Dinitrotoluene mg/Kg	Di-n-butyl phthalate mg/Kg	Di-n-octyl phthalate mg/Kg	Fluoranthene mg/Kg	Fluorene mg/Kg
CRM 50.1	A		T0018	0.33	0.17	0.33	0.33	0.17	0.17
CRM 50.1	A	FR	T0269	0.33	0.17	0.33	0.33	0.17	0.17
CRM 47.9	B		T0028	0.33	0.17	0.33	0.33	0.17	0.17
CRM 41	Y1		T0038	0.33	0.17	0.33	0.33	0.17	0.17
CRM 41	Y2		T0048	0.33	0.17	0.33	0.33	0.17	0.17
CRM 37.5	Y3		T0058	0.33	0.17	0.33	0.33	0.17	0.17
CRM 33.2	REF 2		T0068	0.33	0.17	0.33	0.33	0.17	0.17
CRM 31.8	X1		T0078	0.33	0.17	0.33	0.33	0.17	0.17
CRM 31.8	X1		T0078	0.33	0.17	0.33	0.33	0.17	0.17
CRM 31.8	X1	FR	T0296	0.33	0.17	0.33	0.33	0.17	0.17
CRM 27.1	X2		T0088	0.33	0.17	0.33	0.33	0.17	0.17
ERM 11.2	C		T0198	0.33	0.17	0.33	0.33	0.17	0.17
TRM 562.3	D		T0238	0.33	0.17	0.33	0.33	0.17	0.17
TRM 562.3	E		T0248	0.33	0.17	0.33	0.33	0.17	0.17
	AFTER B	FRB	T0277	0.33	0.17	0.33	0.33	0.17	0.17
	AFTER X2	FRB	T0304	0.33	0.17	0.33	0.33	0.17	0.17

DIRB = DAILY INITIAL RINSE BL

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLA

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICA

LAB BLK= LABORATORY BLANK

TABLE 21. SEMIVOLATILE ORGANICS IN SEDIMENT - GCMS (PAGE 9 OF 13)

Location	Site ID	Sample Type	Sample Information	Hexachlorobenzene mg/Kg	Hexachlorobutadiene mg/Kg	Hexachlorocyclopentadiene mg/Kg	Hexachloroethane mg/Kg
CRM 50.1	A		T0018	0.17	0.17	0.17	0.17
CRM 50.1	A	FR	T0269	0.17	0.17	0.17	0.17
CRM 47.9	B		T0028	0.17	0.17	0.17	0.17
CRM 41	Y1		T0038	0.17	0.17	0.17	0.17
CRM 41	Y2		T0048	0.17	0.17	0.17	0.17
CRM 37.5	Y3		T0058	0.17	0.17	0.17	0.17
CRM 33.2	REF 2		T0068	0.17	0.17	0.17	0.17
CRM 31.8	X1		T0078	0.17	0.17	0.17	0.17
CRM 31.8	X1		T0078	0.17	0.17	0.17	0.17
CRM 31.8	X1	FR	T0296	0.17	0.17	0.17	0.17
CRM 27.1	X2		T0088	0.17	0.17	0.17	0.17
ERM 11.2	C		T0198	0.17	0.17	0.17	0.17
TRM 562.3	D		T0238	0.17	0.17	0.17	0.17
TRM 562.3	E		T0248	0.17	0.17	0.17	0.17
	AFTER B	FRB	T0277	0.17	0.17	0.17	0.17
	AFTER X2	FRB	T0304	0.17	0.17	0.17	0.17

DIRB = DAILY INITIAL RINSE BL

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLA

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICA

LAB BLK= LABORATORY BLANK

TABLE 21. SEMIVOLATILE ORGANICS IN SEDIMENT - GCMS (PAGE 10 OF 13)

Location	Site ID	Sample Type	Sample Information	Indeno(1,2,3-cd)pyrene mg/Kg	Isophorone mg/Kg	2-Methylnaphthalene mg/Kg	2-Methyl phenol mg/Kg	4-Methyl phenol mg/Kg	Naphthalene mg/Kg
CRM 50.1	A		T0018	0.33	0.17	0.17	0.33	0.33	0.17
CRM 50.1	A	FR	T0269	0.33	0.17	0.17	0.33	0.33	0.17
CRM 47.9	B		T0028	0.33	0.17	0.17	0.33	0.33	0.17
CRM 41	Y1		T0038	0.33	0.17	0.17	0.33	0.33	0.17
CRM 41	Y2		T0048	0.33	0.17	0.17	0.33	0.33	0.17
CRM 37.5	Y3		T0058	0.33	0.17	0.17	0.33	0.33	0.17
CRM 33.2	REF 2		T0068	0.33	0.17	0.17	0.33	0.33	0.17
CRM 31.8	X1		T0078	0.33	0.17	0.17	0.33	0.33	0.17
CRM 31.8	X1		T0078	0.33	0.17	0.17	0.33	0.33	0.17
CRM 31.8	X1	FR	T0296	0.33	0.17	0.17	0.33	0.33	0.17
CRM 27.1	X2		T0088	0.33	0.17	0.17	0.33	0.33	0.17
ERM 11.2	C		T0198	0.33	0.17	0.17	0.33	0.33	0.17
TRM 562.3	D		T0238	0.33	0.17	0.17	0.33	0.33	0.17
TRM 562.3	E		T0248	0.33	0.17	0.17	0.33	0.33	0.17
	AFTER B	FRB	T0277	0.33	0.17	0.17	0.33	0.33	0.17
	AFTER X2	FRB	T0304	0.33	0.17	0.17	0.33	0.33	0.17

DIRB = DAILY INITIAL RINSE BL

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLA

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICA

LAB BLK= LABORATORY BLANK

TABLE 21. SEMIVOLATILE ORGANICS IN SEDIMENT - GCMS (PAGE 11 OF 13)

Location	Site ID	Sample Type	Sample Information	1,4-Naphthoquinone mg/Kg	Nitrobenzene mg/Kg	m-Nitroaniline mg/Kg	o-Nitroaniline mg/Kg	p-Nitroaniline mg/Kg	o-Nitrophenol mg/Kg	p-Nitrophenol mg/Kg
CRM 50.1	A		T0018	0.67	0.17	0.17	0.17	0.33	0.17	1.0
CRM 50.1	A	FR	T0269	0.67	0.17	0.17	0.17	0.33	0.17	1.0
CRM 47.9	B		T0028	0.67	0.17	0.17	0.17	0.33	0.17	1.0
CRM 41	Y1		T0038	0.67	0.17	0.17	0.17	0.33	0.17	1.0
CRM 41	Y2		T0048	0.67	0.17	0.17	0.17	0.33	0.17	1.0
CRM 37.5	Y3		T0058	0.67	0.17	0.17	0.17	0.33	0.17	1.0
CRM 33.2	REF 2		T0068	0.67	0.17	0.17	0.17	0.33	0.17	1.0
CRM 31.8	X1		T0078	0.67	0.17	0.17	0.17	0.33	0.17	1.0
CRM 31.8	X1		T0078	0.67	0.17	0.17	0.17	0.33	0.17	1.0
CRM 31.8	X1	FR	T0296	0.67	0.17	0.17	0.17	0.33	0.17	1.0
CRM 27.1	X2		T0088	0.67	0.17	0.17	0.17	0.33	0.17	1.0
ERM 11.2	C		T0198	0.67	0.17	0.17	0.17	0.33	0.17	1.0
TRM 562.3	D		T0238	0.67	0.17	0.17	0.17	0.33	0.17	1.0
TRM 562.3	E		T0248	0.67	0.17	0.17	0.17	0.33	0.17	1.0
	AFTER B	FRB	T0277	0.67	0.17	0.17	0.17	0.33	0.17	1.0
	AFTER X2	FRB	T0304	0.67	0.17	0.17	0.17	0.33	0.17	1.0

DIRB = DAILY INITIAL RINSE BL

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLA

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICA

LAB BLK= LABORATORY BLANK

TABLE 21. SEMIVOLATILE ORGANICS IN SEDIMENT - GCMS (PAGE 12 OF 13)

Location	Site ID	Sample Type	Sample Information	N-Nitrosodiphenylamine mg/Kg	N-Nitrosodi-n-propylamine mg/Kg	Pentachloroethane mg/Kg	Pentachlorophenol mg/Kg
CRM 50.1	A		T0018	0.17	0.17	0.67	1.0
CRM 50.1	A	FR	T0269	0.17	0.17	0.67	1.0
CRM 47.9	B		T0028	0.17	0.17	0.67	1.0
CRM 41	Y1		T0038	0.17	0.17	0.67	1.0
CRM 41	Y2		T0048	0.17	0.17	0.67	1.0
CRM 37.5	Y3		T0058	0.17	0.17	0.67	1.0
CRM 33.2	REF 2		T0068	0.17	0.17	0.67	1.0
CRM 31.8	X1		T0078	0.17	0.17	0.67	1.0
CRM 31.8	X1		T0078	0.17	0.17	0.67	1.0
CRM 31.8	X1	FR	T0296	0.17	0.17	0.67	1.0
CRM 27.1	X2		T0088	0.17	0.17	0.67	1.0
ERM 11.2	C		T0198	0.17	0.17	0.67	1.0
TRM 562.3	D		T0238	0.17	0.17	0.67	1
TRM 562.3	E		T0248	0.17	0.17	0.67	1.0
	AFTER B	FRB	T0277	0.17	0.17	0.67	1.0
	AFTER X2	FRB	T0304	0.17	0.17	0.67	1.0

DIRB = DAILY INITIAL RINSE BL

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLA

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICA

LAB BLK= LABORATORY BLANK

TABLE 21. SEMIVOLATILE ORGANICS IN SEDIMENT - GCMS (PAGE 13 OF 13)

Location	Site ID	Sample Type	Sample Information	Phenanthrene mg/Kg	Phenol mg/Kg	Pyrene mg/Kg	1,2,4-Trichlorobenzene mg/Kg	2,4,5-Trichlorophenol mg/Kg
CRM 50.1	A		T0018	0.17	0.17	0.17	0.17	0.17
CRM 50.1	A	FR	T0269	0.17	0.17	0.17	0.17	0.17
CRM 47.9	B		T0028	0.17	0.17	0.17	0.17	0.17
CRM 41	Y1		T0038	0.17	0.17	0.17	0.17	0.17
CRM 41	Y2		T0048	0.17	0.17	0.17	0.17	0.17
CRM 37.5	Y3		T0058	0.17	0.17	0.17	0.17	0.17
CRM 33.2	REF 2		T0068	0.17	0.17	0.17	0.17	0.17
CRM 31.8	X1		T0078	0.17	0.17	0.17	0.17	0.17
CRM 31.8	X1		T0078	0.17	0.17	0.17	0.17	0.17
CRM 31.8	X1	FR	T0296	0.17	0.17	0.17	0.17	0.17
CRM 27.1	X2		T0088	0.17	0.17	0.17	0.17	0.17
ERM 11.2	C		T0198	0.17	0.17	0.17	0.17	0.17
TRM 562.3	D		T0238	0.17	0.17	0.17	0.17	0.17
TRM 562.3	E		T0248	0.17	0.17	0.17	0.17	0.17
	AFTER B	FRB	T0277	0.17	0.17	0.17	0.17	0.17
	AFTER X2	FRB	T0304	0.17	0.17	0.17	0.17	0.17

DIRB = DAILY INITIAL RINSE BL

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLA

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICA

LAB BLK= LABORATORY BLANK

TABLE 22. TOTAL SUSPENDED SOLIDS (PAGE 1 OF 1)

Site ID	Nearest Approx. River Mile	Average Decimal Latitude Reading	Average Decimal Longitude Reading	Sample ID	TSS (EPA106.2) mg/L	TSS (SW-846 8081) ug/Kg
A	CRM 50.1	36.031 N	84.192 W	T0011	2	<10
B	CRM 47.9	36.017 N	84.161 W	T0021	6	<10
Y1	CRM 41	35.978 N a	84.220 W a	T0031	6	<10
Y2	CRM 41	35.973 N	84.218 W	T0041	4	<10
Y3	CRM 37.5	35.958 N	84.245 W	T0051	3	23
REF 2	CRM 33.2	35.951 N	84.267 W	T0061	4	<10
X1	CRM 31.8	35.927 N	84.271 W	T0071	2	<10
X2	CRM 27.1	35.904 N	84.276 W	T0081	1	<10
C	ERM 11.2	35.932 N	84.538 W	T00191	4	<10
D	TRM 562.3	35.884 N	84.612 W	T0231	33	<10
E	TRM 562.3	35.876 N	84.613 W	T0241	8	<10
F	TRM 552.9	35.826 N	84.677 W	T0251	4	<25

Notes: a = Sony instrument did not receive reliably, so the Magellan GPS readings, which are the average of 60 readings, appear in the average column.

TABLE 23. GRAVEL, SAND, SILT AND CLAY CONTENT OF SEDIMENT SAMPLES (PAGE 1 OF 1)

Location	Site ID	Sample Type	Sample ID	GRAVEL %	SAND %	SILT %	CLAY %
CRM 50.1	A		T0020	0	2	49	49
CRM 50.1	A	FR	T0271	0	1	49	50
CRM 47.9	B		T0030	0	3	39	58
CRM 41	Y1		T0040	0	21	34	45
CRM 41	Y2		T0050	0	1	30	69
CRM 37.5	Y3		T0060	0	1	35	64
CRM 33.2	REF 2		T0070	0	1	38	61
CRM 31.8	X1		T0080	0	4	39	57
CRM 31.8	X1	FR	T0298	0	8	40	52
CRM 27.1	X2		T0090	0	5	52	43
ERM 11.2	C		T0120	0	31	42	27
TRM 562.3	D		T0240	0	2	64	34
TRM 562.3	E		T0250	0	2	61	37
TRM 552.9	F		T0260	0	1	28	71

DIRB = DAILY INITIAL RINSE BLANK

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLANK

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICATE SAMPLE

LAB BLK= LABORATORY BLANK

TABLE 24. SEDIMENT PARTICLE SIZE (PAGE 1 OF 3)

Location	Site ID	Sample Type	Sample ID	%MOISTURE %	SPECIFIC GRAVITY	3 INCH PARTICLE SIZE %	2 INCH PARTICLE SIZE %	1 1/2 INCH PARTICLE SIZE %	1 INCH PARTICLE SIZE %
CRM 50.1	A		T0020	3.64	2.65	100	100	100	100
CRM 50.1	A	FR	T0271	100	100	99.8	99.8	99.8	99.6
CRM 47.9	B		T0030	3.12	2.65	100	100	100	100
CRM 41	Y1		T0040	3.35	2.65	100	100	100	100
CRM 41	Y2		T0050	4.12	2.65	100	100	100	100
CRM 37.5	Y3		T0060	3.68	2.65	100	100	100	100
CRM 33.2	REF 2		T0070	3.72	2.65	100	100	100	100
CRM 31.8	X1		T0080	4.42	2.65	100	100	100	100
CRM 31.8	X1	FR	T0298	4.6	2.65	100	100	100	100
CRM 27.1	X2		T0090	4.17	2.65	100	100	100	100
ERM 11.2	C		T0120	4.71	2.65	100	100	100	100
TRM 562.3	D		T0240	2.39	2.65	100	100	100	100
TRM 562.3	E		T0250	3.09	2.65	100	100	100	100
TRM 552.9	F		T0260	4.17	2.65	100	100	100	100

DIRB = DAILY INITIAL RINSE BLANK

FRB= FIELD RINSE BLANK

FR = FIELD REPLICATE

DFRB= DAILY FINAL RINSE BLANK

SPL= SPLIT SAMPLE

LD=LAB DUP= LABORATORY DUPLICATE SAMPLE

LAB BLK= LABORATORY BLANK

TABLE 24. SEDIMENT PARTICLE SIZE (PAGE 2 OF 3)

Location	Site ID	Sample Type	Sample ID	3/4 INCH PARTICLE SIZE %	3/8 INCH PARTICLE SIZE %	NO. 4 PARTICLE SIZE %	NO. 10 PARTICLE SIZE %	NO. 20 PARTICLE SIZE %	NO. 40 PARTICLE SIZE %
CRM 50.1	A		T0020	100	100	100	100	99.8	99.6
CRM 50.1	A	FR	T0271	98.8	94.2	84.9	70.4	52.8	38.3
CRM 47.9	B		T0030	100	100	100	100	99.6	99.4
CRM 41	Y1		T0040	100	100	100	100	99	97.7
CRM 41	Y2		T0050	100	100	100	100	100	100
CRM 37.5	Y3		T0060	100	100	100	100	100	99.8
CRM 33.2	REF 2		T0070	100	100	100	100	100	100
CRM 31.8	X1		T0080	100	100	100	100	99.2	98.5
CRM 31.8	X1	FR	T0298	100	100	100	100	99	97.9
CRM 27.1	X2		T0090	100	100	100	100	99.4	99
ERM 11.2	C		T0120	100	100	100	100	96.6	91.6
TRM 562.3	D		T0240	100	100	100	100	99.8	99.6
TRM 562.3	E		T0250	100	100	100	100	100	100
TRM 552.9	F		T0260	100	100	100	100	100	99.5

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FR = FIELD REPLICATE

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SPL= SPLIT SAMPLE

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LAB BLK= LABORATORY BLANK

TABLE 24. SEDIMENT PARTICLE SIZE (PAGE 3 OF 3)

Location	Site ID	Sample Type	Sample ID	NO. 50	NO. 100	NO. 200
				PARTICLE SIZE %	PARTICLE SIZE %	PARTICLE SIZE %
CRM 50.1	A		T0020	99.6	99.4	98.3
CRM 50.1	A	FR	T0271	0	1	49
CRM 47.9	B		T0030	99.2	99	97.1
CRM 41	Y1		T0040	96.9	93	78.9
CRM 41	Y2		T0050	100	99.8	99.4
CRM 37.5	Y3		T0060	99.8	99.6	99.4
CRM 33.2	REF 2		T0070	99.8	99.6	99.4
CRM 31.8	X1		T0080	98.3	97.5	95.6
CRM 31.8	X1	FR	T0298	97.3	95.2	92.3
CRM 27.1	X2		T0090	98.7	97.7	95
ERM 11.2	C		T0120	87	78	69.2
TRM 562.3	D		T0240	99.4	99.2	98
TRM 562.3	E		T0250	99.8	99.6	97.5
TRM 552.9	F		T0260	99.2	99	98.7

DIRB = DAILY INITIAL RINSE BLANK

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DFRB= DAILY FINAL RINSE BLANK

SPL= SPLIT SAMPLE

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LAB BLK= LABORATORY BLANK

TABLE 25. HYDROMETER PARTICLE SIZES OF SEDIMENT SAMPLES (PAGE 1 OF 1)

Location	Site ID	Sample Type	Sample ID	Result	Hydrom. Part. Diam (mm)	Hydrom. Reading Time (min)
CRM 50.1	A		T0020	93.3	0.0369	1
CRM 50.1	A		T0020	86	0.0191	4
CRM 50.1	A		T0020	70.5	0.0106	15
CRM 50.1	A		T0020	51.8	0.0057	60
CRM 50.1	A		T0020	38.3	0.003	240
CRM 50.1	A	FR	T0271	94.2	0.0367	1
CRM 50.1	A	FR	T0271	84.9	0.0192	4
CRM 50.1	A	FR	T0271	70.4	0.0106	15
CRM 50.1	A	FR	T0271	52.8	0.0057	60
CRM 50.1	A	FR	T0271	38.3	0.003	240
CRM 47.9	B		T0030	95.9	0.0363	1
CRM 47.9	B		T0030	90.1	0.0187	4
CRM 47.9	B		T0030	77.8	0.0103	15
CRM 47.9	B		T0030	60.8	0.0055	60
CRM 47.9	B		T0030	45	0.0029	240
CRM 41	Y1		T0040	68.2	0.0414	1
CRM 41	Y1		T0040	62	0.0212	4
CRM 41	Y1		T0040	55.8	0.0112	15
CRM 41	Y1		T0040	47.5	0.0058	60
CRM 41	Y1		T0040	36.2	0.003	240
CRM 41	Y2		T0050	97.9	0.0361	1
CRM 41	Y2		T0050	93.7	0.0185	4
CRM 41	Y2		T0050	85.4	0.0099	15
CRM 41	Y2		T0050	70.8	0.0053	60
CRM 41	Y2		T0050	53.1	0.0028	240
CRM 37.5	Y3		T0060	97.5	0.0361	1
CRM 37.5	Y3		T0060	94.4	0.0184	4
CRM 37.5	Y3		T0060	84	0.01	15
CRM 37.5	Y3		T0060	66.4	0.0054	60
CRM 37.5	Y3		T0060	49.8	0.0029	240
CRM 33.2	REF 2		T0070	95.4	0.0365	1
CRM 33.2	REF 2		T0070	89.2	0.0189	4
CRM 33.2	REF 2		T0070	80.9	0.0101	15
CRM 33.2	REF 2		T0070	63.3	0.0055	60
CRM 33.2	REF 2		T0070	46.7	0.0029	240
CRM 31.8	X1		T0080	92.9	0.0372	1
CRM 31.8	X1		T0080	85.6	0.0193	4
CRM 31.8	X1		T0080	74.1	0.0105	15
CRM 31.8	X1		T0080	59.5	0.0056	60
CRM 31.8	X1		T0080	43.9	0.0029	240
CRM 31.8	X1		T0298	87.9	0.0382	1
CRM 31.8	X1	FR	T0298	81.6	0.0197	4
CRM 31.8	X1	FR	T0298	70.1	0.0107	15
CRM 31.8	X1	FR	T0298	55.4	0.0057	60
CRM 31.8	X1	FR	T0298	40.8	0.003	240
CRM 27.1	X2		T0090	87.5	0.0382	1
CRM 27.1	X2		T0090	75	0.0202	4
CRM 27.1	X2		T0090	59.4	0.0111	15
CRM 27.1	X2		T0090	45.8	0.0058	60
CRM 27.1	X2		T0090	35.4	0.003	240
ERM 11.2	C		T0120	63.9	0.0424	1
ERM 11.2	C		T0120	53.4	0.0221	4
ERM 11.2	C		T0120	42.9	0.0118	15
ERM 11.2	C		T0120	30.4	0.0062	60
ERM 11.2	C		T0120	19.9	0.0032	240
TRM 563.5	D		T0240	91.1	0.0372	1
TRM 563.5	D		T0240	75.8	0.02	4
TRM 563.5	D		T0240	54.3	0.0113	15
TRM 563.5	D		T0240	36.9	0.006	60
TRM 563.5	D		T0240	25.6	0.0031	240
TRM 563.5	E		T0250	88.7	0.0378	1
TRM 563.5	E		T0250	75.3	0.0201	4
TRM 563.5	E		T0250	56.7	0.0112	15
TRM 563.5	E		T0250	39.2	0.006	60
TRM 563.5	E		T0250	27.8	0.0031	240
TRM 552.9	F		T0260	93.8	0.0404	1
TRM 552.9	F		T0260	91.1	0.0204	4
TRM 552.9	F		T0260	87.2	0.0107	15
TRM 552.9	F		T0260	74.2	0.0056	60
TRM 552.9	F		T0260	56	0.0029	240

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Figure 1, Chart 111 showing Site A and Site B.

Figure 1, Chart 110 showing SiteY1, Site Y2, Site Y3, Site Ref2, and Site X1.

Figure 1, Chart 109 showing Site X2.

Figure 1, Chart 107 showing Site C.

Figure 1, Chart 80 showing the area near Site D and Site E.

Figure 1, Chart 80B showing Site D and Site E.

Figure 1, Chart 79 showing Site F.

APPENDIX A. Sample ID Numbers, Collection Times,
and Types of Samples from Field Log Book

[illegible]

Site:	B	Melton Hill @	Discharge from Bull Run Steam Plant								
Date:	8/23/94										
Notebook Number:	05008118										
Notebook			Collection or								
Page	Sample	Collection	Measurement	Analysis	Sample	Sample	Comments	Temp	DO	Cond	pH
Number	ID#	Time	Depth (m)		Type	Matrix		Deg C	(mg/L)	mMho/cm	
					(REG; FR;	(Water or					
					FB; etc)	Sediment)					
5			0.3					24.6	6.8	234	7.3
5			2.9					14.5	7.0	229	7.4
5			5.8					14.1	6.8	227	7.4
5	T0021	14:44	0.5	TSS	REG	Water					
5	T0022	14:45	0.5	Tritium	REG	Water					
5	T0023	14:46	0.5	Filtered AA & ICP Metals	REG	Water					
5	T0024	14:50	0.5	Filtered Cyanide	REG	Water					10.5-13.5
5	T0025	14:48	0.5	Total AA & ICP Metals	REG	Water					1.0
5	T0026	14:49	0.5	Total Cyanide	REG	Water					13.0
5	T0027	15:34	5.7	Gross Alpha, Beta, Gamma	REG	Sediment					
5	T0028	15:34	5.7	PCB/Pesticides, SVOA	REG	Sediment					
5	T0029	15:34	5.7	AA & ICP Metals	REG	Sediment					
5	T0030	15:34	5.7	Particle Size	REG	Sediment					

Site:	Y1	Melton Hill @ End of Scarboro Creek Embayment									
Date:	8/24/94										
Notebook Number:	05008118										
Notebook		Collection or									
Page	Sample	Collection	Measurement	Analysis	Sample	Sample	Comments	Temp	DO	Cond	pH
Number	ID#	Time	Depth (m)		Type	Matrix		Deg C	(mg/L)	mMho/cm	
					(REG; FR;	(Water or					
					FB; etc)	Sediment)					
9			0.3					21.4	7.0	241	7.4
9			2.3					18.9	3.2	235	7.0
9			4.7					17.7	2.0	235	7.0
9	T0031	12:10	0.5	TSS	REG	Water					
9	T0032	12:12	0.5	Tritium	REG	Water					
9	T0033	12:21	0.5	Filtered AA & ICP Metals	REG	Water					1.3
9	T0034	12:13	0.5	Filtered Cyanide	REG	Water					12.5
9	T0035	12:14	0.5	Total AA & ICP Metals	REG	Water					1.0
9	T0036	12:15	0.5	Total Cyanide	REG	Water					13.0
9	T0281	08:31	n/a	Total AA & ICP Metals	DIRB	Water					1.3
9	T0037	13:05	4.7	Gross Alpha, Beta, Gamma	REG	Sediment					
9	T0038	13:08	4.7	PCB/Pesticides, SVOA	REG	Sediment					
9	T0039	13:07	4.7	AA & ICP Metals	REG	Sediment					
9	T0040	13:06	4.7	Particle Size	REG	Sediment					
9	T0282	16:38	n/a	Total AA & ICP Metals	DFRB	Water					1.0

Site:	Y2	Melton Hill @ Approximately 1000' from Mouth of Scarborough Creek									
Date:	8/24/94										
Book Number:	05008118										
Notebook		Collection or									
Page	Sample	Collection	Measurement	Analysis	Sample	Sample	Comments	Temp	DO	Cond	pH
Number	ID#	Time	Depth (m)		Type	Matrix		Deg C	(mg/L)	mMho/cm	
					(REG; FR; FB; etc)	(Water or Sediment)					
13			0.3					23.2	8.7	239	7.7
13			3.5					18.3	7.0	229	7.3
13			6.9					16.4	6.2	230	7.2
13	T0041	14:09	0.5	TSS	REG	Water					
13	T0042	14:10	0.5	Tritium	REG	Water					
13	T0043	14:20	0.5	Filtered AA & ICP Metals	REG	Water					1.0
13	T0044	14:11	0.5	Filtered Cyanide	REG	Water					13.0
13	T0045	14:10	0.5	Total AA & ICP Metals	REG	Water					1.3
13	T0046	14:17	0.5	Total Cyanide	REG	Water					13.5
13	T0282	16:38	0.5	DFRB	REG	Water					1.0
13	T0047	14:38	6.9	Gross Alpha, Beta, Gamma	REG	Sediment					
13	T0048	14:41	6.9	PCB/Pesticides, SVOA	REG	Sediment					
13	T0049	14:40	6.9	AA & ICP Metals	REG	Sediment					
13	T0050	14:39	6.9	Particle Size	REG	Sediment					
13	T0282	16:38	n/a	Total AA & ICP Metals	DFRB	Water					1.0

Site:	Y3	Melton Hill @ McCoy Branch Embayment									
Date:	8/25/94										
Notebook Number:	05008118										
Notebook											
Page	Sample	Collection	Measurement	Analysis	Sample	Sample	Comments	Temp	DO	Cond	pH
Number	ID#	Time	Depth (m)		Type	Matrix		Deg C	(mg/L)	mMho/cm	
					(REG; FR; FB; etc)	(Water or Sediment)					
17			0.3					21.5	9.3	237	8.0
17			3.9					19.5	7.3	236	7.4
17			7.8					17.9	5.7	237	7.3
17	T0051	11:25	0.5	TSS	REG	Water					
17	T0052	11:25	0.5	Tritium	REG	Water					
17	T0053	11:28	0.5	Filtered AA & ICP Metals	REG	Water					1.3
17	T0054	11:26	0.5	Filtered Cyanide	REG	Water					12.5
17	T0055	11:27	0.5	Total AA & ICP Metals	REG	Water					1.3
17	T0056	11:27	0.5	Total Cyanide	REG	Water					13.0
17	T0283	09:16	n/a	Total AA & ICP Metals	DIRB	Water					1.3
17	T0057	11:47	7.8	Gross Alpha, Beta, Gamma	REG	Sediment					
17	T0058	11:48	7.8	PCB/Pesticides, SVOA	REG	Sediment					
17	T0059	11:49	7.8	AA & ICP Metals	REG	Sediment					
17	T0060	11:47	7.8	Particle Size	REG	Sediment					
18	T0284	15:43	n/a	Total AA & ICP Metals	DFRB	Water					1.3

Site Ref2

Site:	Ref2	Melton Hill @ Walker Branch Embayment									
Date:	8/25/94										
Notebook Number:	05008118										
Notebook			Collection or								
Page	Sample	Collection	Measurement	Analysis	Sample	Sample	Comments	Temp	DO	Cond	pH
Number	ID#	Time	Depth (m)		Type	Matrix		Deg C	(mg/L)	mMho/cm	
					(REG; FR; FB; etc)	(Water or Sediment)					
20			0.3					24.7	10.2	235	8.6
20			3.1					21.7	6.9	240	7.6
20			6.2					19.3	6.0	234	7.4
20	T0061	12:57	0.5	TSS	REG	Water					
20	T0062	12:58	0.5	Tritium	REG	Water					
20	T0063	13:02	0.5	Filtered AA & ICP Metals	REG	Water					1.0
20	T0064	12:58	0.5	Filtered Cyanide	REG	Water					12.5
20	T0065	13:00	0.5	Total AA & ICP Metals	REG	Water					1.3
20	T0066	13:00	0.5	Total Cyanide	REG	Water					13.5
20	T0067	13:32	6.2	Gross Alpha, Beta, Gamma	REG	Sediment					
20	T0068	13:33	6.2	PCB/Pesticides, SVOA	REG	Sediment					
20	T0069	13:33	6.2	AA & ICP Metals	REG	Sediment					
20	T0070	13:34	6.2	Particle Size	REG	Sediment					

Site.

Site:	X1	Melton Hill @	Near Mouth of Bearden Creek Embayment								
Date:	8/30/94										
Notebook Number:	05008118										
Notebook			Collection or								
Page	Sample	Collection	Measurement	Analysis	Sample	Sample	Comments	Temp	DO	Cond	pH
Number	ID#	Time	Depth (m)		Type	Matrix		Deg C	(mg/L)	mMho/cm	
					(REG; FR; FB; etc)	(Water or Sediment)					
25			0.3					23.7	9.3	234	8.5
25			4.7					19.2	4.7	240	7.3
25			9.4					17.7	3.8	242	7.3
25	T0288	07:43	n/a	Total AA & ICP Metals	DIRB	Water					1.3
25	T0071	10:35	0.5	TSS	REG	Water					
25	T0072	10:36	0.5	Tritium	REG	Water					
25	T0073	10:41	0.5	Filtered AA & ICP Metals	REG	Water					1.3
25	T0074	10:39	0.5	Filtered Cyanide	REG	Water					12.5
25	T0075	10:37	0.5	Total AA & ICP Metals	REG	Water					1.3
25	T0076	10:38	0.5	Total Cyanide	REG	Water					13.0
25	T0289	10:35	0.5	TSS	FR	Water					
25	T0290	10:36	0.5	Tritium	FR	Water					
25	T0291	10:41	0.5	Filtered AA & ICP Metals	FR	Water					1.3
25	T0292	10:39	0.5	Filtered Cyanide	FR	Water					13.0
25	T0293	10:37	0.5	Total AA & ICP Metals	FR	Water					1.0
25	T0294	10:38	0.5	Total Cyanide	FR	Water					13.0
26	T0077	10:58	9.4	Gross Alpha, Beta, Gamma	REG	Sediment					
26	T0078	10:59	9.4	PCB/Pesticides, SVOA	REG	Sediment					
26	T0079	10:59	9.4	AA & ICP Metals	REG	Sediment					
26	T0080	10:59	9.4	Particle Size	REG	Sediment					
26	T0295	11:14	9.4	Gross Alpha, Beta, Gamma	FR	Sediment					
26	T0296	11:16	9.4	PCB/Pesticides, SVOA	FR	Sediment					
26	T0297	11:17	9.4	AA & ICP Metals	FR	Sediment					
26	T0298	11:17	9.4	Particle Size	FR	Sediment					
26	T0313	11:15	9.4	Gross Alpha, Beta, Gamma	SPL	Sediment					

Site:	X2	Melton Hill @	Near Mouth of Unnamed Creek @ CRM 27.0								
Date:	8/30/94										
Notebook Number:	05008118										
Notebook			Collection or								
Page	Sample	Collection	Measurement	Analysis	Sample	Sample	Comments	Temp	DO	Cond	pH
Number	ID#	Time	Depth (m)		Type	Matrix		Deg C	(mg/L)	mMho/cm	
					(REG; FR; FB; etc)	(Water or Sediment)					
29			0.3					24.6	9.3	233	8.5
29			4.2					20.0	7.1	238	7.3
29			8.4					18.5	6.2	231	7.3
29	T0288	07:43	0.5	Total AA & ICP Metals	DIRB	Water					1.3
29	T0081	12:13	0.5	TSS	REG	Water					
29	T0082	12:14	0.5	Tritium	REG	Water					
29	T0083	12:20	0.5	Filtered AA & ICP Metals	REG	Water					1.6
29	T0084	12:17	0.5	Filtered Cyanide	REG	Water					12.5
29	T0085	12:15	0.5	Total AA & ICP Metals	REG	Water					1.3
29	T0086	12:16	0.5	Total Cyanide	REG	Water					13.0
29	T0299	15:10	0.5	TSS	FR	Water					
29	T0300	15:11	0.5	Tritium	FR	Water					
29	T0301	15:12	0.5	Filtered AA & ICP Metals	FR	Water					1.3
29	T0302	15:13	0.5	Filtered Cyanide	FR	Water					13.5
29	T0303	15:34	8.4	Gross Alpha, Beta, Gamma	FR	Sediment					1.3
29	T0304	15:35	8.4	PCB/Pesticides, SVOA	FR	Sediment					
29	T0305	15:36	8.4	AA & ICP Metals	FR	Sediment					0.3
29	T0306	15:37	8.4	Particle Size	FR	Sediment					
29	T0307	15:13	n/a	AA & ICP Metals	DFRB	Sediment					1.0
30	T0087	12:42	8.4	Gross Alpha, Beta, Gamma	REG	Sediment					
30	T0088	12:42	8.4	PCB/Pesticides, SVOA	REG	Sediment					
30	T0089	12:43	8.4	AA & ICP Metals	REG	Sediment					
30	T0090	12:44	8.4	Particle Size	REG	Sediment					

Site

Site:	C	Elk River Mile 11.2									
Date:	9/1/94										
Notebook Number:	05008118										
Notebook		Collection or									
Page	Sample	Collection	Measurement	Analysis	Sample	Sample	Comments	Temp	DO	Cond	pH
Number	ID#	Time	Depth (m)		Type	Matrix		Deg C	(mg/L)	mMho/cm	
					(REG; FR; FB; etc)	(Water or Sediment)					
41			0.3					26.3	4.8	118	7.0
41			4.5					24.8	6.0	108	6.9
41			8.9					23.4	1.7	111	6.8
41	T0191	12:12	0.5	TSS	REG	Water					
41	T0192	12:13	0.5	Tritium	REG	Water					
41	T0193	12:15	0.5	Filtered AA & ICP Metals	REG	Water					1.3
41	T0194	12:16	0.5	Filtered Cyanide	REG	Water					
41	T0195	12:17	0.5	Total AA & ICP Metals	REG	Water					1.6
41	T0196	12:18	0.5	Total Cyanide	REG	Water					12.5
41	T0310	08:09	n/a	Total AA & ICP Metals	DIRB	Water					1.3
42	T0197	12:30	8.9	Gross Alpha, Beta, Gamma	REG	Sediment					
42	T0198	12:31	8.9	PCB/Pesticides, SVOA	REG	Sediment					
42	T0199	12:32	8.9	AA & ICP Metals	REG	Sediment					
42	T0200	12:33	8.9	Particle Size	REG	Sediment					

Site:	D	Watts Bar @ Caney Creek Embayment near Confluence with Cardiff Creek									
Date:	8/31/94										
Notebook Number:	05008118										
Notebook											
Page	Sample	Collection	Measurement	Analysis	Sample	Sample	Comments	Temp	DO	Cond	pH
Number	ID#	Time	Depth (m)		Type	Matrix		Deg C	(mg/L)	mMho/cm	
					(REG; FR; FB; etc)	(Water or Sediment)					
33			0.3					26.4	8.6	316	8.1
33			0.5					26.2	7.9	317	8.0
33			0.8					26.1	7.6	319	7.9
33	T0231	10:55	0.5	TSS	REG	Water					
33	T0232	10:56	0.5	Tritium	REG	Water					
33	T0233	10:56	0.5	Filtered AA & ICP Metals	REG	Water					1.3
33	T0234	10:57	0.5	Filtered Cyanide	REG	Water					12.5
33	T0235	10:58	0.5	Total AA & ICP Metals	REG	Water					1.3
33	T0236	10:58	0.5	Total Cyanide	REG	Water					12.5
33	T0308	08:21	n/a	Total AA & ICP Metals	DIRB	Water					1.3
34	T0237	11:18	0.8	Gross Alpha, Beta, Gamma	REG	Sediment					
34	T0238	11:19	0.8	PCB/Pesticides, SVOA	REG	Sediment					
34	T0239	11:19	0.8	AA & ICP Metals	REG	Sediment					
34	T0240	11:20	0.8	Particle Size	REG	Sediment					

Site L

Site:	E	Watts Bar @ Caney Creek Embayment near Confluence with Post Creek									
Date:	8/31/94										
Notebook Number:	05008118										
Notebook											
Page	Sample	Collection	Measurement	Analysis	Sample	Sample	Comments	Temp	DO	Cond	pH
Number	ID#	Time	Depth (m)		Type	Matrix		Deg C	(mg/L)	mMho/cm	
					(REG; FR; FB; etc)	(Water or Sediment)					
37			0.3					27.3	10.5	259	8.6
37			0.9					27.0	9.9	265	8.4
37			1.8					25.5	5.4	275	7.6
37	T0241	12:12	0.5	TSS	REG	Water					
37	T0242	12:12	0.5	Tritium	REG	Water					
37	T0243	12:16	0.5	Filtered AA & ICP Metals	REG	Water					1.3
37	T0244	12:17	0.5	Filtered Cyanide	REG	Water					12.5
37	T0245	12:17	0.5	Total AA & ICP Metals	REG	Water					1.3
37	T0246	12:18	0.5	Total Cyanide	REG	Water					12.5
37	T0309	15:08	n/a	Total AA & ICP Metals	DFRB	Water					1.3
38	T0247	12:27	1.8	Gross Alpha, Beta, Gamma	REG	Sediment					
38	T0248	12:48	1.8	PCB/Pesticides, SVOA	REG	Sediment					
38	T0249	12:49	1.8	AA & ICP Metals	REG	Sediment					
38	T0250	12:50	1.8	Particle Size	REG	Sediment					

Site.

Site:	F	Watts Bar Lake @ King Creek Embayment									
Date:	9/1/94										
Notebook Number	05008118										
Notebook			Collection or								
Page	Sample	Collection	Measurement	Analysis	Sample	Sample	Comments	Temp	DO	Cond	pH
Number	ID#	Time	Depth (m)		Type	Matrix		Deg C	(mg/L)	mMho/cm	
					(REG; FR;	(Water or					
					FB; etc)	Sediment)					
45			0.3					26.4	9.7	170	8.7
45			4.2					24.9	4.8	160	7.1
45			8.4					24.6	0.9	175	7.0
45	T0251	13:33	0.5	TSS	REG	Water					
45	T0252	13:34	0.5	Tritium	REG	Water					
45	T0253	13:35	0.5	Filtered AA & ICP Metals	REG	Water					1.0
45	T0254	13:36	0.5	Filtered Cyanide	REG	Water					
45	T0255	13:36	0.5	Total AA & ICP Metals	REG	Water					1.3
45	T0256	13:37	0.5	Total Cyanide	REG	Water					12.5
45	T0311	16:00	n/a	Total AA & ICP Metals	DFRB	Water					1.3
46	T0257	13:48	8.4	Gross Alpha, Beta, Gamma	REG	Sediment					
46	T0258	13:49	8.4	PCB/Pesticides, SVOA	REG	Sediment					
46	T0259	13:50	8.4	AA & ICP Metals	REG	Sediment					
46	T0260	13:51	8.4	Particle Size	REG	Sediment					

APPENDIX B. Results Tables Including Laboratory Quality Assurance Data

Table B-1. List of Text Tables and Corresponding Lab Data Tables in Appendix B

Table in Text	Source Table in Appendix B
Table 6. Results of Tritium Analyses on Water Samples	Table B-2, Tritium in Water
Table 7. Results of Radionuclide Analyses of Sediment Samples	Table B-3, Radionuclides in Sediments: Lab Data
Table 8. ICP Dissolved Metals in Water	Table B-4, ICP Dissolved Metals in Water
Table 9. ICP Total Metals in Water	Table B-5, ICP Total Metals in Water
Table 10. Graphite Furnace AA Dissolved Metals in Water	Table B-6, GFAA Dissolved Metals in Water
Table 11. Graphite Furnace AA Total Metals in Water	Table B-7, Graphite Furnace AA Total Metals in Water
Table 12. Flame AA Dissolved Metals in Water	Table B-8, FAA Dissolved Metals in Water
Table 13. Flame AA Total Metals in Water	Table B-9, FAA Total Metals in Water
Table 14. CVAA Dissolved Mercury in Water	Table B-10, Dissolved Mercury in Water
Table 15. CVAA Total Mercury in Water	Table B-11, Total Mercury in Water
Table 16: ICP Metals in Sediment	Table B-12, ICP Total Metals in Sediment
Table 17: Graphite Furnace and Flame AA Total Metals in Sediment	Table B-13, GFAA Total Metals in Sediment
	Table B-14, FAA Total Metals in Sediment
Table 18: Total Mercury in Sediment	Table B-15, Total Mercury in Sediment
Table 19. Total and Filtered Cyanide in Water	Table B-16, Total and Filtered Cyanide in Water
Table 20. Pesticides and PCB's in Sediment	Table B-17, PCB's and Pesticides in Sediment
Table 21. Semivolatile Organics in Sediment	Table B-18, GCMS Semivolatile Organics in Sediment
Table 22. Total Suspended Solids	Table B-19, TSS
	Table B-20, TSS

Table B-2, TRITIUM IN WATER- Lab Data (Page 1 of 1)

Line Number	Lab Number	Sample Info	Lab Comm	Batch	Anal Level	Analysis	Inst. ID	Sample Rcpt. Date	Sample Prep. Date	Sample Anal. Date	Matrix	Sample Prep. Method	Sample Amt.	Sample Amt. Units	Extract/ Digest. Volume	Extract/ Digest. Vol. Units	Result	Result Units	Uncertainty, ±1 SD	Uncertainty, Units	Sample Detect. Limit	Detect. Limit Units	Lab Qualif.	Sample Anal. Method	Spike Amt.	Spike Amt. Units	Recovery, %	Recovery, Units	RPD	RPD Units	Dilution Factor
1	405436	T0022	B	1	C	Tritium	283	840825	840914	840922	Scint. Via	Dist.	7	ml	-	-	86.0	pCi/iter	76.3	pCi/iter	246.3	pCi/iter	<	T-01	-	-	-	-	-	-	-
2	405431	T0012	A	1	C	Tritium	283	840825	840914	840922	Scint. Via	Dist.	7	ml	-	-	14.7	pCi/iter	76.9	pCi/iter	246.3	pCi/iter	<	T-01	-	-	-	-	-	-	-
3	405432	T0163	A-FR	1	C	Tritium	283	840825	840914	840922	Scint. Via	Dist.	7	ml	-	-	-27.0	pCi/iter	74.3	pCi/iter	246.3	pCi/iter	<	T-01	-	-	-	-	-	-	-
4	405433	T0273	A & B*	1	C	Tritium	283	840826	840914	840922	Scint. Via	Dist.	7	ml	-	-	14.7	pCi/iter	76.0	pCi/iter	246.3	pCi/iter	<	T-01	-	-	-	-	-	-	-
5	405434	T0032	Y1	1	C	Tritium	283	840826	840914	840922	Scint. Via	Dist.	7	ml	-	-	44.2	pCi/iter	76.8	pCi/iter	246.3	pCi/iter	<	T-01	-	-	-	-	-	-	-
6	405435	T0042	Y2	1	C	Tritium	283	840826	840914	840922	Scint. Via	Dist.	7	ml	-	-	116.4	pCi/iter	76.9	pCi/iter	246.3	pCi/iter	<	T-01	-	-	-	-	-	-	-
7	405436	T0052	Y3	1	C	Tritium	283	840826	840914	840922	Scint. Via	Dist.	7	ml	-	-	142.4	pCi/iter	77.4	pCi/iter	246.3	pCi/iter	<	T-01	-	-	-	-	-	-	-
8	405437	T0062	REF2	1	C	Tritium	283	840826	840914	840922	Scint. Via	Dist.	7	ml	-	-	48.1	pCi/iter	76.8	pCi/iter	246.3	pCi/iter	<	T-01	-	-	-	-	-	-	-
9	405438	T0290	X1-FR	1	C	Tritium	283	840901	840914	840922	Scint. Via	Dist.	7	ml	-	-	119.3	pCi/iter	76.8	pCi/iter	246.1	pCi/iter	<	T-01	-	-	-	-	-	-	-
10	405439	T0072	X1	1	C	Tritium	283	840901	840914	840922	Scint. Via	Dist.	7	ml	-	-	127.6	pCi/iter	77.0	pCi/iter	246.1	pCi/iter	<	T-01	-	-	-	-	-	-	-
11	405879	T0072	X1-LR	1	C	Tritium	283	840901	840914	840922	Scint. Via	Dist.	7	ml	-	-	88.4	pCi/iter	76.8	pCi/iter	246.1	pCi/iter	<	T-01	-	-	-	-	77.4	%	-
12	405440	T0082	X2	1	C	Tritium	283	840901	840914	840922	Scint. Via	Dist.	7	ml	-	-	81.4	pCi/iter	76.7	pCi/iter	246.1	pCi/iter	<	T-01	-	-	-	-	-	-	-
13	405441	T0100	X1 & X2*	1	C	Tritium	283	840901	840914	840922	Scint. Via	Dist.	7	ml	-	-	27.9	pCi/iter	76.1	pCi/iter	246.1	pCi/iter	<	T-01	-	-	-	-	-	-	-
14	405442	T0232	D	1	C	Tritium	283	840902	840914	840922	Scint. Via	Dist.	7	ml	-	-	100.0	pCi/iter	76.6	pCi/iter	246.0	pCi/iter	<	T-01	-	-	-	-	-	-	-
15	405443	T0242	E	1	C	Tritium	283	840902	840914	840922	Scint. Via	Dist.	7	ml	-	-	17.2	pCi/iter	76.0	pCi/iter	246.0	pCi/iter	<	T-01	-	-	-	-	-	-	-
16	405444	T0192	C	1	C	Tritium	283	840902	840914	840922	Scint. Via	Dist.	7	ml	-	-	24.8	pCi/iter	76.1	pCi/iter	246.0	pCi/iter	<	T-01	-	-	-	-	-	-	-
17	405446	T0252	F	1	C	Tritium	283	840902	840914	840922	Scint. Via	Dist.	7	ml	-	-	126.1	pCi/iter	76.8	pCi/iter	246.0	pCi/iter	<	T-01	-	-	-	-	-	-	-
18	405880	T0162	F-LD	1	C	Tritium	283	840802	840914	840922	Scint. Via	Dist.	7	ml	-	-	164.0	pCi/iter	77.6	pCi/iter	246.0	pCi/iter	<	T-01	-	-	-	-	21.1	%	-
19	405638	Sid.	OMSP	1	C	Tritium	283	-	-	840922	Scint. Via	-	7	ml	-	-	4838.3	pCi/iter	276.9	pCi/iter	246.0	pCi/iter	<	T-01	6039.6	pCi	-	-	-	-	-

Table B-3, Radionuclides in Sediments: Lab Data (Page 1 of 7)

Number	Lab Number	Sample Info.	Analyte	Anal. Method Sample	Spike Amt.	Amt. Units Spike	Rcvry.	Rcvry. Units	RPD	RPD Units	Dilution Factor
1	405414	T0017	Gross A	G-01	.	.	.	.	.	.	.
2	405414	T0017	Gross B	G-01	.	.	.	.	.	.	.
3	405414	T0017	Cs-137	G-03	.	.	.	.	.	.	.
4	405414	T0017	Tl-208	G-03	.	.	.	.	.	.	.
5	405414	T0017	Bi-212	G-03	.	.	.	.	.	.	.
6	405414	T0017	Pb-212	G-03	.	.	.	.	.	.	.
7	405414	T0017	Bi-214	G-03	.	.	.	.	.	.	.
8	405414	T0017	Pb-214	G-03	.	.	.	.	.	.	.
9	405414	T0017	Ra-226	G-03	.	.	.	.	.	.	.
10	405414	T0017	Ac-228	G-03	.	.	.	.	.	.	.
11	405414	T0017	K-40	G-03	.	.	.	.	.	.	.
12	404415	T0268	Gross A	G-01	.	.	.	.	.	.	.
13	404415	T0268	Gross B	G-01	.	.	.	.	.	.	.
14	404415	T0268	Cs-137	G-03	.	.	.	.	.	.	.
15	404415	T0268	Tl-208	G-03	.	.	.	.	.	.	.
16	404415	T0268	Bi-212	G-03	.	.	.	.	.	.	.
17	404415	T0268	Pb-212	G-03	.	.	.	.	.	.	.
18	404415	T0268	Bi-214	G-03	.	.	.	.	.	.	.
19	404415	T0268	Pb-214	G-03	.	.	.	.	.	.	.
20	404415	T0268	Ra-226	G-03	.	.	.	.	.	.	.
21	404415	T0268	Ac-228	G-03	.	.	.	.	.	.	.
22	404415	T0268	K-40	G-03	.	.	.	.	.	.	.
23	405416	T0027	Gross A	G-01	.	.	.	.	.	.	.
24	405416	T0027	Gross B	G-01	.	.	.	.	.	.	.
25	405416	T0027	Cs-137	G-03	.	.	.	.	.	.	.
26	405416	T0027	Tl-208	G-03	.	.	.	.	.	.	.
27	405416	T0027	Pb-212	G-03	.	.	.	.	.	.	.
28	405416	T0027	Bi-214	G-03	.	.	.	.	.	.	.
29	405416	T0027	Pb-214	G-03	.	.	.	.	.	.	.

Table B-3, Radionuclides in Sediments: Lab Data (Page 2 of 7)

Number	Lab Number	Sample Info.	Analyte	Anal. Method Sample	Spike Amt.	Amt. Units Spike	Rcvry.	Rcvry. Units	RPD	RPD Units	Dilution Factor
30	405416	T0027	Ra-226	G-03	.	.	.	.	.	.	.
31	405416	T0027	Ac-228	G-03	.	.	.	.	.	.	.
32	405416	T0027	K-40	G-03	.	.	.	.	.	.	.
33	405417	T0037	Gross A	G-01	.	.	.	.	.	.	.
34	405417	T0037	Gross B	G-01	.	.	.	.	.	.	.
35	405417	T0037	Cs-137	G-03	.	.	.	.	.	.	.
36	405417	T0037	Tl-208	G-03	.	.	.	.	.	.	.
37	405417	T0037	Bi-212	G-03	.	.	.	.	.	.	.
38	405417	T0037	Pb-212	G-03	.	.	.	.	.	.	.
39	405417	T0037	Bi-214	G-03	.	.	.	.	.	.	.
40	405417	T0037	Pb-214	G-03	.	.	.	.	.	.	.
41	405417	T0037	Ra-226	G-03	.	.	.	.	.	.	.
42	405417	T0037	Ac-228	G-03	.	.	.	.	.	.	.
43	405417	T0037	K-40	G-03	.	.	.	.	.	.	.
44	405417	T0037	Be-7	G-03	.	.	.	.	.	.	.
45	405418	T0047	Gross A	G-01	.	.	.	.	.	.	.
46	405418	T0047	Gross B	G-01	.	.	.	.	.	.	.
47	405418	T0047	Cs-137	G-03	.	.	.	.	.	.	.
48	405418	T0047	Tl-208	G-03	.	.	.	.	.	.	.
49	405418	T0047	Bi-212	G-03	.	.	.	.	.	.	.
50	405418	T0047	Pb-212	G-03	.	.	.	.	.	.	.
51	405418	T0047	Bi-214	G-03	.	.	.	.	.	.	.
52	405418	T0047	Pb-214	G-03	.	.	.	.	.	.	.
53	405418	T0047	Ra-226	G-03	.	.	.	.	.	.	.
54	405418	T0047	Ac-228	G-03	.	.	.	.	.	.	.
55	405418	T0047	K-40	G-03	.	.	.	.	.	.	.
56	405419	T0057	Gross A	G-01	.	.	.	.	.	.	.
57	405419	T0057	Gross B	G-01	.	.	.	.	.	.	.
58	405419	T0057	Cs-137	G-03	.	.	.	.	.	.	.

Table B-3, Radionuclides in Sediments: Lab Data (Page 3 of 7)

Number	Lab Number	Sample Info.	Analyte	Anal. Method Sample	Spike Amt.	Amt. Units Spike	Rcvry.	Rcvry. Units	RPD	RPD Units	Dilution Factor
59	405419	T0057	Tl-208	G-03	.	.	.	.	.	.	.
60	405419	T0057	Bi-212	G-03	.	.	.	.	.	.	.
61	405419	T0057	Pb-212	G-03	.	.	.	.	.	.	.
62	405419	T0057	Bi-214	G-03	.	.	.	.	.	.	.
63	405419	T0057	Pb-214	G-03	.	.	.	.	.	.	.
64	405419	T0057	Ra-224	G-03	.	.	.	.	.	.	.
65	405419	T0057	Ra-226	G-03	.	.	.	.	.	.	.
66	405419	T0057	Ac-228	G-03	.	.	.	.	.	.	.
67	405419	T0057	K-40	G-03	.	.	.	.	.	.	.
68	405420	T0067	Gross A	G-01	.	.	.	.	.	.	.
69	405420	T0067	Gross B	G-01	.	.	.	.	.	.	.
70	405420	T0067	Cs-137	G-03	.	.	.	.	.	.	.
71	405420	T0067	Tl-208	G-03	.	.	.	.	.	.	.
72	405420	T0067	Bi-212	G-03	.	.	.	.	.	.	.
73	405420	T0067	Pb-212	G-03	.	.	.	.	.	.	.
74	405420	T0067	Bi-214	G-03	.	.	.	.	.	.	.
75	405420	T0067	Pb-214	G-03	.	.	.	.	.	.	.
76	405420	T0067	Ra-226	G-03	.	.	.	.	.	.	.
77	405420	T0067	Ac-228	G-03	.	.	.	.	.	.	.
78	405420	T0067	K-40	G-03	.	.	.	.	.	.	.
79	405421	T0077	Gross A	G-01	.	.	.	.	.	.	.
80	405421	T0077	Gross B	G-01	.	.	.	.	.	.	.
81	405421	T0077	Cs-137	G-03	.	.	.	.	.	.	.
82	405421	T0077	Tl-208	G-03	.	.	.	.	.	.	.
83	405421	T0077	Bi-212	G-03	.	.	.	.	.	.	.
84	405421	T0077	Pb-212	G-03	.	.	.	.	.	.	.
85	405421	T0077	Bi-214	G-03	.	.	.	.	.	.	.
86	405421	T0077	Pb-214	G-03	.	.	.	.	.	.	.
87	405421	T0077	Ra-226	G-03	.	.	.	.	.	.	.

Table B-3, Radionuclides in Sediments: Lab Data (Page 4 of 7)

	Lab	Sample		Anal.	Spike	Amt.		Rcvry.		RPD	Dilution
Number	Number	Info.	Analyte	Method	Amt.	Units	Rcvry.	Units	RPD	Units	Factor
				Sample		Spike					
88	405421	T0077	Ac-228	G-03	.	.	.	.	.	.	.
89	405421	T0077	K-40	G-03	.	.	.	.	.	.	.
90	405422	T0295	Gross A	G-01	.	.	.	.	.	.	.
91	405422	T0295	Gross B	G-01	.	.	.	.	.	.	.
92	405422	T0295	Cs-137	G-03	.	.	.	.	.	.	.
93	405422	T0295	Tl-208	G-03	.	.	.	.	.	.	.
94	405422	T0295	Pb-212	G-03	.	.	.	.	.	.	.
95	405422	T0295	Bi-214	G-03	.	.	.	.	.	.	.
96	405422	T0295	Pb-214	G-03	.	.	.	.	.	.	.
97	405422	T0295	Ra-226	G-03	.	.	.	.	.	.	.
98	405422	T0295	Ac-228	G-03	.	.	.	.	.	.	.
99	405422	T0295	K-40	G-03	.	.	.	.	.	.	.
100	405423	T0087	Gross A	G-01	.	.	.	.	.	.	.
101	405423	T0087	Gross B	G-01	.	.	.	.	.	.	.
102	405423	T0087	Cs-137	G-03	.	.	.	.	.	.	.
103	405423	T0087	Tl-208	G-03	.	.	.	.	.	.	.
104	405423	T0087	Pb-212	G-03	.	.	.	.	.	.	.
105	405423	T0087	Bi-214	G-03	.	.	.	.	.	.	.
106	405423	T0087	Pb-214	G-03	.	.	.	.	.	.	.
107	405423	T0087	Ra-226	G-03	.	.	.	.	.	.	.
108	405423	T0087	Ac-228	G-03	.	.	.	.	.	.	.
109	405423	T0087	K-40	G-03	.	.	.	.	.	.	.
110	405424	T0237	Gross A	G-01	.	.	.	.	.	.	.
111	405424	T0237	Gross B	G-01	.	.	.	.	.	.	.
112	405424	T0237	Cs-137	G-03	.	.	.	.	.	.	.
113	405424	T0237	Tl-208	G-03	.	.	.	.	.	.	.
114	405424	T0237	Pb-212	G-03	.	.	.	.	.	.	.
115	405424	T0237	Bi-214	G-03	.	.	.	.	.	.	.
116	405424	T0237	Pb-214	G-03	.	.	.	.	.	.	.

Table B-3, Radionuclides in Sediments: Lab Data (Page 5 of 7)

Number	Lab Number	Sample Info.	Analyte	Anal. Method Sample	Spike Amt.	Amt. Units Spike	Rcvry.	Rcvry. Units	RPD	RPD Units	Dilution Factor
117	405424	T0237	Ra-226	G-03	.	.	.	.	.	.	.
118	405424	T0237	Ac-228	G-03	.	.	.	.	.	.	.
119	405424	T0237	K-40	G-03	.	.	.	.	.	.	.
120	405756	T0237	Gross A	G-01	.	.	.	.	32	%	.
121	405756	T0237	Gross B	G-01	.	.	.	.	10.2	%	.
122	405756	T0237	Cs-137	G-03	.	.	.	.	35.3	%	.
123	405756	T0237	Tl-208	G-03	.	.	.	.	1.9	%	.
124	405756	T0237	Bi-212	G-03	.	.	.	.	.	.	.
125	405756	T0237	Pb-212	G-03	.	.	.	.	0	%	.
126	405756	T0237	Bi-214	G-03	.	.	.	.	15.4	%	.
127	405756	T0237	Pb-214	G-03	.	.	.	.	26.1	%	.
128	405756	T0237	Ra-226	G-03	.	.	.	.	15.4	%	.
129	405756	T0237	Ac-228	G-03	.	.	.	.	7.4	%	.
130	405756	T0237	K-40	G-03	.	.	.	.	7	%	.
131	405425	T0247	Gross A	G-01	.	.	.	.	.	.	.
132	405425	T0247	Gross B	G-01	.	.	.	.	.	.	.
133	405425	T0247	Cs-137	G-03	.	.	.	.	.	.	.
134	405425	T0247	Tl-208	G-03	.	.	.	.	.	.	.
135	405425	T0247	Bi-212	G-03	.	.	.	.	.	.	.
136	405425	T0247	Pb-212	G-03	.	.	.	.	.	.	.
137	405425	T0247	Bi-214	G-03	.	.	.	.	.	.	.
138	405425	T0247	Pb-214	G-03	.	.	.	.	.	.	.
139	405425	T0247	Ra-226	G-03	.	.	.	.	.	.	.
140	405425	T0247	Ac-228	G-03	.	.	.	.	.	.	.
141	405425	T0247	K-40	G-03	.	.	.	.	.	.	.
142	405426	T0197	Gross A	G-01	.	.	.	.	.	.	.
143	405426	T0197	Gross B	G-01	.	.	.	.	.	.	.
144	405426	T0197	Cs-137	G-03	.	.	.	.	.	.	.
145	405426	T0197	Tl-208	G-03	.	.	.	.	.	.	.

Table B-3, Radionuclides in Sediments: Lab Data (Page 6 of 7)

Number	Lab Number	Sample Info.	Analyte	Anal. Method	Spike		Amt.		Rcvry.	Rcvry.		RPD	RPD		Dilution Factor
					Amt.	Units	Amt.	Units		Units	Units		Units	Units	
146	405426	T0197	Bi-212	G-03	.	.	.	.	.	.	.	.	.	.	.
147	405426	T0197	Pb-212	G-03	.	.	.	.	.	.	.	.	.	.	.
148	405426	T0197	Bi-214	G-03	.	.	.	.	.	.	.	.	.	.	.
149	405426	T0197	Pb-214	G-03	.	.	.	.	.	.	.	.	.	.	.
150	405426	T0197	Ra-226	G-03	.	.	.	.	.	.	.	.	.	.	.
151	405426	T0197	Ac-228	G-03	.	.	.	.	.	.	.	.	.	.	.
152	405426	T0197	K-40	G-03	.	.	.	.	.	.	.	.	.	.	.
153	405426	T0197	Be-7	G-03	.	.	.	.	.	.	.	.	.	.	.
154	405427	T0257	Gross A	G-01	.	.	.	.	.	.	.	.	.	.	.
155	405427	T0257	Gross B	G-01	.	.	.	.	.	.	.	.	.	.	.
156	405427	T0257	Cs-137	G-03	.	.	.	.	.	.	.	.	.	.	.
157	405427	T0257	Tl-208	G-03	.	.	.	.	.	.	.	.	.	.	.
158	405427	T0257	Bi-212	G-03	.	.	.	.	.	.	.	.	.	.	.
159	405427	T0257	Pb-212	G-03	.	.	.	.	.	.	.	.	.	.	.
160	405427	T0257	Bi-214	G-03	.	.	.	.	.	.	.	.	.	.	.
161	405427	T0257	Pb-214	G-03	.	.	.	.	.	.	.	.	.	.	.
162	405427	T0257	Ra-226	G-03	.	.	.	.	.	.	.	.	.	.	.
163	405427	T0257	Ac-228	G-03	.	.	.	.	.	.	.	.	.	.	.
164	405427	T0257	K-40	G-03	.	.	.	.	.	.	.	.	.	.	.
165	405757	T0257	Gross A	G-01	.	.	.	.	.	.	.	4	.	%	.
166	405757	T0257	Gross B	G-01	.	.	.	.	.	.	.	1.1	.	%	.
167	405757	T0257	Cs-137	G-03	.	.	.	.	.	.	.	6.1	.	%	.
168	405757	T0257	Tl-208	G-03	.	.	.	.	.	.	.	8.4	.	%	.
169	405757	T0257	Bi-212	G-03	.	.	.	.	.	.	.	6.2	.	%	.
170	405757	T0257	Pb-212	G-03	.	.	.	.	.	.	.	4.1	.	%	.
171	405757	T0257	Bi-214	G-03	.	.	.	.	.	.	.	31.6	.	%	.
172	405757	T0257	Pb-214	G-03	.	.	.	.	.	.	.	21.1	.	%	.
173	405757	T0257	Ra-226	G-03	.	.	.	.	.	.	.	31.6	.	%	.
174	405757	T0257	Ac-228	G-03	.	.	.	.	.	.	.	10	.	%	.

Table B-3, Radionuclides in Sediments: Lab Data (Page 7 of 7)

Number	Lab Number	Sample Info.	Analyte	Anal. Method	Spike Amt.	Amt. Units	Rcvry.	Rcvry. Units	RPD	RPD Units	Dilution Factor
				Sample		Spike					
175	405757	T0257	K-40	G-03	.	.	.	.	8.5	%	.
176	405629	Q MSP	Gross A	G-01	20.6	pCi/g	.	.	.	.	.
177	405629	Q MSP	Gross B	G-01	20.1	pCi/g	.	.	.	.	.
178	405629	Q MSP	Cs-137	G-03	147.5	pCi/g	.	.	.	.	.
179	405629	Q MSP	Co-60	G-03	127.3	pCi/g	.	.	.	.	.
180	405428	T0276	Gross A	G-01	.	.	.	.	.	.	.
181	405428	T0276	Gross B	G-01	.	.	.	.	.	.	.
182	405428	T0276	Gamma	G-03	.	.	.	.	.	.	.
183	405429	T0303	Gross A	G-01	.	.	.	.	.	.	.
184	405429	T0303	Gross B	G-01	.	.	.	.	.	.	.
185	405429	T0303	Gamma	G-03	.	.	.	.	.	.	.
186	405628	Q MSP	Gross A	G-01	63	pCi/l	.	.	.	.	.
187	405628	Q MSP	Gross B	G-01	59.6	pCi/l	.	.	.	.	.
188	405628	Q MSP	Cs-137	G-03	3828	pCi/l	.	.	.	.	.
189	405628	Q MSP	Co-60	G-03	6432	pCi/l	.	.	.	.	.

TABLE B-4, ICP DISSOLVED METALS IN WATER (PAGE 1 OF 5)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Lab Qualifier	Sample Analysis Method	Spike Amt/Units	Bkg.	Recovery %	RPD %	Dilution Factor
94/11485	T0013		WBS8A, DM	C	Aluminum, Dissolved in Water	PE2000	940824	940909	941026	Water							50	ug/L	U	EPA 6010					1
94/11485	T0013		WBS8A, DM	C	Calcium, Dissolved in Water	PE2000	940824	940909	941026	Water							0.1	mg/L	NU	EPA 6010					1
94/11485	T0013		WBS8A, DM	C	Beryllium, Dissolved in Water	PE2000	940824	940909	941026	Water							25	ug/L	9	EPA 6010					1
94/11485	T0013		WBS8A, DM	C	Barium, Dissolved in Water	PE2000	940824	940909	941026	Water							10	ug/L	U	EPA 6010					1
94/11485	T0013		WBS8A, DM	C	Boron, Dissolved in Water	PE2000	940824	940909	941026	Water							500	ug/L	U	EPA 6010					1
94/11485	T0013		WBS8A, DM	C	Iron, Dissolved in Water	PE2000	940824	940909	941026	Water							10	ug/L	U	EPA 6010					1
94/11485	T0013		WBS8A, DM	C	Magnesium, Dissolved in Water	PE2000	940824	940909	941026	Water							0.01	mg/L	U	EPA 6010					1
94/11485	T0013		WBS8A, DM	C	Silicon, Dissolved in Water	PE2000	940824	940909	941026	Water							20	ug/L	U	EPA 6010					1
94/11485	T0013		WBS8A, DM	C	Copper, Dissolved in Water	PE2000	940824	940909	941026	Water							10	ug/L	U	EPA 6010					1
94/11485	T0013		WBS8A, DM	C	Molybdenum, Dissolved in Water	PE2000	940824	940909	941026	Water							20	ug/L	U	EPA 6010					1
94/11485	T0013		WBS8A, DM	C	Vanadium, Dissolved in Water	PE2000	940824	940909	941026	Water							10	ug/L	U	EPA 6010					1
94/11485	T0013		WBS8A, DM	C	Zinc, Dissolved in Water	PE2000	940824	940909	941026	Water							10	ug/L	U	EPA 6010					1
94/11485	T0013		WBS8A, DM	C	Silver, Dissolved in Water	PE2000	940824	940909	941026	Water							10	ug/L	NU	EPA 6010					1
94/11485	T0013		WBS8A, DM	C	Manganese, Dissolved in Water	PE2000	940824	940909	941026	Water							5.0	ug/L	U	EPA 6010					1
94/11486	T0264	FR	WBS8A, DM	C	Aluminum, Dissolved in Water	PE2000	940824	940909	941026	Water							50	ug/L	U	EPA 6010					1
94/11486	T0264	FR	WBS8A, DM	C	Calcium, Dissolved in Water	PE2000	940824	940909	941026	Water							29	mg/L	N	EPA 6010					1
94/11486	T0264	FR	WBS8A, DM	C	Beryllium, Dissolved in Water	PE2000	940824	940909	941026	Water							28	ug/L	9	EPA 6010					1
94/11486	T0264	FR	WBS8A, DM	C	Barium, Dissolved in Water	PE2000	940824	940909	941026	Water							10	ug/L	9	EPA 6010					1
94/11486	T0264	FR	WBS8A, DM	C	Boron, Dissolved in Water	PE2000	940824	940909	941026	Water							500	ug/L	U	EPA 6010					1
94/11486	T0264	FR	WBS8A, DM	C	Iron, Dissolved in Water	PE2000	940824	940909	941026	Water							10	ug/L	9	EPA 6010					1
94/11486	T0264	FR	WBS8A, DM	C	Magnesium, Dissolved in Water	PE2000	940824	940909	941026	Water							7.7	mg/L	9	EPA 6010					1
94/11486	T0264	FR	WBS8A, DM	C	Silicon, Dissolved in Water	PE2000	940824	940909	941026	Water							2400	ug/L	9	EPA 6010					1
94/11486	T0264	FR	WBS8A, DM	C	Copper, Dissolved in Water	PE2000	940824	940909	941026	Water							10	ug/L	U	EPA 6010					1
94/11486	T0264	FR	WBS8A, DM	C	Molybdenum, Dissolved in Water	PE2000	940824	940909	941026	Water							20	ug/L	U	EPA 6010					1
94/11486	T0264	FR	WBS8A, DM	C	Vanadium, Dissolved in Water	PE2000	940824	940909	941026	Water							10	ug/L	9	EPA 6010					1
94/11486	T0264	FR	WBS8A, DM	C	Zinc, Dissolved in Water	PE2000	940824	940909	941026	Water							10	ug/L	U	EPA 6010					1
94/11486	T0264	FR	WBS8A, DM	C	Silver, Dissolved in Water	PE2000	940824	940909	941026	Water							10	ug/L	NU	EPA 6010					1
94/11486	T0264	FR	WBS8A, DM	C	Manganese, Dissolved in Water	PE2000	940824	940909	941026	Water							16	ug/L	9	EPA 6010					1
94/11487	T0023		WBS8A, DM	C	Aluminum, Dissolved in Water	PE2000	940824	940909	941026	Water							50	ug/L	U	EPA 6010					1
94/11487	T0023		WBS8A, DM	C	Calcium, Dissolved in Water	PE2000	940824	940909	941026	Water							28	mg/L	N	EPA 6010					1
94/11487	T0023		WBS8A, DM	C	Beryllium, Dissolved in Water	PE2000	940824	940909	941026	Water							28	ug/L	9	EPA 6010					1
94/11487	T0023		WBS8A, DM	C	Barium, Dissolved in Water	PE2000	940824	940909	941026	Water							10	ug/L	9	EPA 6010					1
94/11487	T0023		WBS8A, DM	C	Boron, Dissolved in Water	PE2000	940824	940909	941026	Water							500	ug/L	U	EPA 6010					1
94/11487	T0023		WBS8A, DM	C	Iron, Dissolved in Water	PE2000	940824	940909	941026	Water							10	ug/L	U	EPA 6010					1
94/11487	T0023		WBS8A, DM	C	Magnesium, Dissolved in Water	PE2000	940824	940909	941026	Water							7.7	mg/L	9	EPA 6010					1
94/11487	T0023		WBS8A, DM	C	Silicon, Dissolved in Water	PE2000	940824	940909	941026	Water							2400	ug/L	9	EPA 6010					1
94/11487	T0023		WBS8A, DM	C	Copper, Dissolved in Water	PE2000	940824	940909	941026	Water							10	ug/L	U	EPA 6010					1
94/11487	T0023		WBS8A, DM	C	Molybdenum, Dissolved in Water	PE2000	940824	940909	941026	Water							20	ug/L	U	EPA 6010					1
94/11487	T0023		WBS8A, DM	C	Vanadium, Dissolved in Water	PE2000	940824	940909	941026	Water							10	ug/L	U	EPA 6010					1
94/11487	T0023		WBS8A, DM	C	Zinc, Dissolved in Water	PE2000	940824	940909	941026	Water							10	ug/L	U	EPA 6010					1
94/11487	T0023		WBS8A, DM	C	Silver, Dissolved in Water	PE2000	940824	940909	941026	Water							21	ug/L	9	EPA 6010					1
94/11487	T0023		WBS8A, DM	C	Manganese, Dissolved in Water	PE2000	940824	940909	941026	Water							50	ug/L	U	EPA 6010					1
94/11488	T0274	FRB	WBS8A, DM	C	Aluminum, Dissolved in Water	PE2000	940824	940909	941026	Water							50	ug/L	U	EPA 6010					1
94/11488	T0274	FRB	WBS8A, DM	C	Calcium, Dissolved in Water	PE2000	940824	940909	941026	Water							0.1	mg/L	NU	EPA 6010					1
94/11488	T0274	FRB	WBS8A, DM	C	Beryllium, Dissolved in Water	PE2000	940824	940909	941026	Water							1.0	ug/L	U	EPA 6010					1
94/11488	T0274	FRB	WBS8A, DM	C	Barium, Dissolved in Water	PE2000	940824	940909	941026	Water							10	ug/L	U	EPA 6010					1
94/11488	T0274	FRB	WBS8A, DM	C	Boron, Dissolved in Water	PE2000	940824	940909	941026	Water							500	ug/L	U	EPA 6010					1
94/11488	T0274	FRB	WBS8A, DM	C	Iron, Dissolved in Water	PE2000	940824	940909	941026	Water							10	ug/L	U	EPA 6010					1
94/11488	T0274	FRB	WBS8A, DM	C	Magnesium, Dissolved in Water	PE2000	940824	940909	941026	Water							0.01	mg/L	U	EPA 6010					1
94/11488	T0274	FRB	WBS8A, DM	C	Silicon, Dissolved in Water	PE2000	940824	940909	941026	Water							20	ug/L	U	EPA 6010					1
94/11488	T0274	FRB	WBS8A, DM	C	Copper, Dissolved in Water	PE2000	940824	940909	941026	Water							10	ug/L	U	EPA 6010					1
94/11488	T0274	FRB	WBS8A, DM	C	Molybdenum, Dissolved in Water	PE2000	940824	940909	941026	Water							20	ug/L	U	EPA 6010					1
94/11488	T0274	FRB	WBS8A, DM	C	Vanadium, Dissolved in Water	PE2000	940824	940909	941026	Water							10	ug/L	U	EPA 6010					1
94/11488	T0274	FRB	WBS8A, DM	C	Zinc, Dissolved in Water	PE2000	940824	940909	941026	Water							10	ug/L	U	EPA 6010					1
94/11488	T0274	FRB	WBS8A, DM	C	Silver, Dissolved in Water	PE2000	940824	940909	941026	Water							10	ug/L	NU	EPA 6010					1
94/11488	T0274	FRB	WBS8A, DM	C	Manganese, Dissolved in Water	PE2000	940824	940909	941026	Water							5.0	ug/L	U	EPA 6010					1
94/11489	T0033		WBS8A, DM	C	Aluminum, Dissolved in Water	PE2000	940825	940909	941026	Water							50	ug/L	U	EPA 6010					1
94/11489	T0033		WBS8A, DM	C	Calcium, Dissolved in Water	PE2000	940825	940909	941026	Water							30	mg/L	N	EPA 6010					1
94/11489	T0033		WBS8A, DM	C	Beryllium, Dissolved in Water	PE2000	940825	940909	941026	Water							1.0	ug/L	U	EPA 6010					1
94/11489	T0033		WBS8A, DM	C	Barium, Dissolved in Water	PE2000	940825	940909	941026	Water							10	ug/L	9	EPA 6010					1
94/11489	T0033		WBS8A, DM	C	Boron, Dissolved in Water	PE2000	940825	940909	941026	Water							500	ug/L	U	EPA 6010					1
94/11489	T0033		WBS8A, DM	C	Iron, Dissolved in Water	PE2000	940825	940909	941026	Water							10	ug/L	U	EPA 6010					1
94/11489	T0033		WBS8A, DM	C	Magnesium, Dissolved in Water	PE2000	940825	940909	941026	Water							8.2	mg/L	9	EPA 6010					1
94/11489	T0033		WBS8A, DM	C	Silicon, Dissolved in Water	PE2000	940825	940909	941026	Water							2500	ug/L	9	EPA 6010					1
94/11489	T0033		WBS8A, DM	C	Copper, Dissolved in Water	PE2000	940825	940909	941026	Water							10	ug/L	U	EPA 6010					1</

TABLE B-4, ICP DISSOLVED METALS IN WATER (PAGE 2 OF 5)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Lab Qualifier	Sample Analysis Method	Spike Am/Units	Bkg.	Recovery %	RPD %	Dilution Factor	
94/11490	T0043		WBS8A, DM	C	Beryllium, Dissolved in Water	PE2000	940825	940909	941026	Water							1.0	ug/L	U	EPA 6010					1	
94/11490	T0043		WBS8A, DM	C	Barium, Dissolved in Water	PE2000	940825	940909	941026	Water							10.	ug/L	9	EPA 6010					1	
94/11490	T0043		WBS8A, DM	C	Boron, Dissolved in Water	PE2000	940825	940909	941026	Water							500.	ug/L	U	EPA 6010					1	
94/11490	T0043		WBS8A, DM	C	Iron, Dissolved in Water	PE2000	940825	940909	941026	Water							10.	ug/L	U	EPA 6010					1	
94/11490	T0043		WBS8A, DM	C	Magnesium, Dissolved in Water	PE2000	940825	940909	941026	Water							8.1	mg/L	9	EPA 6010					1	
94/11490	T0043		WBS8A, DM	C	Silicon, Dissolved in Water	PE2000	940825	940909	941026	Water							2400.	ug/L	9	EPA 6010					1	
94/11490	T0043		WBS8A, DM	C	Copper, Dissolved in Water	PE2000	940825	940909	941026	Water							10.	ug/L	U	EPA 6010					1	
94/11490	T0043		WBS8A, DM	C	Molybdenum, Dissolved in Water	PE2000	940825	940909	941026	Water							20.	ug/L	U	EPA 6010					1	
94/11490	T0043		WBS8A, DM	C	Vanadium, Dissolved in Water	PE2000	940825	940909	941026	Water							10.	ug/L	U	EPA 6010					1	
94/11490	T0043		WBS8A, DM	C	Zinc, Dissolved in Water	PE2000	940825	940909	941026	Water							10.	ug/L	U	EPA 6010					1	
94/11490	T0043		WBS8A, DM	C	Silver, Dissolved in Water	PE2000	940825	940909	941026	Water							10.	ug/L	U	EPA 6010					1	
94/11490	T0043		WBS8A, DM	C	Manganese, Dissolved in Water	PE2000	940824	940909	941026	Water							10.	ug/L	NU	EPA 6010					1	
94/11491	T0053		WBS8A, DM	C	Aluminum, Dissolved in Water	PE2000	940826	940909	941026	Water							5.0	ug/L	U	EPA 6010					1	
94/11491	T0053		WBS8A, DM	C	Calcium, Dissolved in Water	PE2000	940826	940909	941026	Water							50.	ug/L	U	EPA 6010					1	
94/11491	T0053		WBS8A, DM	C	Beryllium, Dissolved in Water	PE2000	940826	940909	941026	Water							30.	mg/L	N	EPA 6010					1	
94/11491	T0053		WBS8A, DM	C	Barium, Dissolved in Water	PE2000	940826	940909	941026	Water							1.0	ug/L	U	EPA 6010					1	
94/11491	T0053		WBS8A, DM	C	Boron, Dissolved in Water	PE2000	940826	940909	941026	Water							20.	ug/L	9	EPA 6010					1	
94/11491	T0053		WBS8A, DM	C	Iron, Dissolved in Water	PE2000	940826	940909	941026	Water							500.	ug/L	U	EPA 6010					1	
94/11491	T0053		WBS8A, DM	C	Magnesium, Dissolved in Water	PE2000	940826	940909	941026	Water							10.	ug/L	U	EPA 6010					1	
94/11491	T0053		WBS8A, DM	C	Silicon, Dissolved in Water	PE2000	940826	940909	941026	Water							7.3	mg/L	9	EPA 6010					1	
94/11491	T0053		WBS8A, DM	C	Copper, Dissolved in Water	PE2000	940826	940909	941026	Water							2500.	ug/L	9	EPA 6010					1	
94/11491	T0053		WBS8A, DM	C	Molybdenum, Dissolved in Water	PE2000	940826	940909	941026	Water							10.	ug/L	U	EPA 6010					1	
94/11491	T0053		WBS8A, DM	C	Vanadium, Dissolved in Water	PE2000	940826	940909	941026	Water							20.	ug/L	U	EPA 6010					1	
94/11491	T0053		WBS8A, DM	C	Zinc, Dissolved in Water	PE2000	940826	940909	941026	Water							10.	ug/L	U	EPA 6010					1	
94/11491	T0053		WBS8A, DM	C	Silver, Dissolved in Water	PE2000	940826	940909	941026	Water							10.	ug/L	NU	EPA 6010					1	
94/11491	T0053		WBS8A, DM	C	Manganese, Dissolved in Water	PE2000	940824	940909	941026	Water							6.0	ug/L	U	EPA 6010					1	
94/11492	T0063		WBS8A, DM	C	Aluminum, Dissolved in Water	PE2000	940826	940909	941026	Water							50.	ug/L	U	EPA 6010					1	
94/11492	T0063		WBS8A, DM	C	Calcium, Dissolved in Water	PE2000	940826	940909	941026	Water							29.	mg/L	N	EPA 6010					1	
94/11492	T0063		WBS8A, DM	C	Beryllium, Dissolved in Water	PE2000	940826	940909	941026	Water							1.0	ug/L	U	EPA 6010					1	
94/11492	T0063		WBS8A, DM	C	Barium, Dissolved in Water	PE2000	940826	940909	941026	Water							10.	ug/L	9	EPA 6010					1	
94/11492	T0063		WBS8A, DM	C	Boron, Dissolved in Water	PE2000	940826	940909	941026	Water							500.	ug/L	U	EPA 6010					1	
94/11492	T0063		WBS8A, DM	C	Iron, Dissolved in Water	PE2000	940826	940909	941026	Water							10.	ug/L	U	EPA 6010					1	
94/11492	T0063		WBS8A, DM	C	Magnesium, Dissolved in Water	PE2000	940826	940909	941026	Water							8.0	mg/L	9	EPA 6010					1	
94/11492	T0063		WBS8A, DM	C	Silicon, Dissolved in Water	PE2000	940826	940909	941026	Water							2200.	ug/L	9	EPA 6010					1	
94/11492	T0063		WBS8A, DM	C	Copper, Dissolved in Water	PE2000	940826	940909	941026	Water							10.	ug/L	U	EPA 6010					1	
94/11492	T0063		WBS8A, DM	C	Molybdenum, Dissolved in Water	PE2000	940826	940909	941026	Water							20.	ug/L	U	EPA 6010					1	
94/11492	T0063		WBS8A, DM	C	Vanadium, Dissolved in Water	PE2000	940826	940909	941026	Water							10.	ug/L	U	EPA 6010					1	
94/11492	T0063		WBS8A, DM	C	Zinc, Dissolved in Water	PE2000	940826	940909	941026	Water							10.	ug/L	U	EPA 6010					1	
94/11492	T0063		WBS8A, DM	C	Silver, Dissolved in Water	PE2000	940826	940909	941026	Water							10.	ug/L	NU	EPA 6010					1	
94/11492	T0063		WBS8A, DM	C	Manganese, Dissolved in Water	PE2000	940824	940909	941026	Water							5.0	ug/L	U	EPA 6010					1	
94/11493	QMSF	T0063 BKG	WBS8A, DM	C	Aluminum, Dissolved in Water	PE2000	940826	940909	941026	Water							1100.	ug/L	9	EPA 6010	1250.	ug/L	0	86	1	
94/11493	QMSF	T0063 BKG	WBS8A, DM	C	Calcium, Dissolved in Water	PE2000	940826	940909	941026	Water							38.0	mg/L	N	EPA 6010	12.5	mg/L	29.2	72	1	
94/11493	QMSF	T0063 BKG	WBS8A, DM	C	Beryllium, Dissolved in Water	PE2000	940826	940909	941026	Water							240.	ug/L	9	EPA 6010	250.	ug/L	0	96	1	
94/11493	QMSF	T0063 BKG	WBS8A, DM	C	Barium, Dissolved in Water	PE2000	940826	940909	941026	Water							1200.	ug/L	9	EPA 6010	1250.	ug/L	10	94	1	
94/11493	QMSF	T0063 BKG	WBS8A, DM	C	Boron, Dissolved in Water	PE2000	940826	940909	941026	Water							1200.	ug/L	9	EPA 6010	1250.	ug/L	0	96	1	
94/11493	QMSF	T0063 BKG	WBS8A, DM	C	Iron, Dissolved in Water	PE2000	940826	940909	941026	Water							2900.	ug/L	9	EPA 6010	3125.	ug/L	0	92	1	
94/11493	QMSF	T0063 BKG	WBS8A, DM	C	Magnesium, Dissolved in Water	PE2000	940826	940909	941026	Water							14.0	mg/L	9	EPA 6010	6.25	mg/L	8	88	1	
94/11493	QMSF	T0063 BKG	WBS8A, DM	C	Silicon, Dissolved in Water	PE2000	940826	940909	941026	Water							4700.	ug/L	9	EPA 6010	2500.	ug/L	2200	99	1	
94/11493	QMSF	T0063 BKG	WBS8A, DM	C	Copper, Dissolved in Water	PE2000	940826	940909	941026	Water							200.	ug/L	9	EPA 6010	250.	ug/L	0	82	1	
94/11493	QMSF	T0063 BKG	WBS8A, DM	C	Molybdenum, Dissolved in Water	PE2000	940826	940909	941026	Water							210.	ug/L	9	EPA 6010	250.	ug/L	0	83	1	
94/11493	QMSF	T0063 BKG	WBS8A, DM	C	Vanadium, Dissolved in Water	PE2000	940826	940909	941026	Water							230.	ug/L	9	EPA 6010	250.	ug/L	0	92	1	
94/11493	QMSF	T0063 BKG	WBS8A, DM	C	Zinc, Dissolved in Water	PE2000	940826	940909	941026	Water							190.	ug/L	9	EPA 6010	250.	ug/L	0	76	1	
94/11493	QMSF	T0063 BKG	WBS8A, DM	C	Silver, Dissolved in Water	PE2000	940826	940909	941026	Water							160.	ug/L	N	EPA 6010	250.	ug/L	0	64	1	
94/11493	QMSF	T0063 BKG	WBS8A, DM	C	Manganese, Dissolved in Water	PE2000	940824	940909	941026	Water							2900.	ug/L	9	EPA 6010	3125.	ug/L	0	92	1	
94/11494	QMSD	T0063 BKG	WBS8A, DM	C	Aluminum, Dissolved in Water	PE2000	940826	940909	941026	Water							1100.	ug/L	9	EPA 6010	1250.	ug/L	0	86	0.9	1
94/11494	QMSD	T0063 BKG	WBS8A, DM	C	Beryllium, Dissolved in Water	PE2000	940826	940909	941026	Water							38.0	mg/L	N	EPA 6010	12.5	mg/L	29.2	72	0.0	1
94/11494	QMSD	T0063 BKG	WBS8A, DM	C	Barium, Dissolved in Water	PE2000	940826	940909	941026	Water							230.	ug/L	9	EPA 6010	250.	ug/L	0	92	4.3	1
94/11494	QMSD	T0063 BKG	WBS8A, DM	C	Boron, Dissolved in Water	PE2000	940826	940909	941026	Water							1200.	ug/L	9	EPA 6010	1250.	ug/L	10	95	0.8	1
94/11494	QMSD	T0063 BKG	WBS8A, DM	C	Iron, Dissolved in Water	PE2000	940826	940909	941026	Water							1200.	ug/L	9	EPA 6010	1250.	ug/L	0	96	0.0	1
94/11494	QMSD	T0063 BKG	WBS8A, DM	C	Magnesium, Dissolved in Water	PE2000	940826	940909	941026	Water							2800.	ug/L	9	EPA 6010	3125.	ug/L	0	91	1.1	1
94/11494	QMSD	T0063 BKG	WBS8A, DM	C	Silicon, Dissolved in Water	PE2000	940826	940909	941026	Water							13.0	mg/L	9	EPA 6010	6.25	mg/L	8	86	0.7	1
94/11494	QMSD	T0063 BKG	WBS8A, DM	C	Copper, Dissolved in Water	PE2000	940826	940909	941026	Water							4600.	ug/L	9	EPA 6010	2500.	ug/L	2200	96	1.7	1
94/11494	QMSD	T0063 BKG	WBS8A, DM	C	Molybdenum, Dissolved in Water	PE2000	940826	940909	941																	

TABLE B-4, ICP DISSOLVED METALS IN WATER (PAGE 3 OF 5)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Lab Qualifier	Sample Analysis Method	Spike Amt/Units	Bkg.	Recovery %	RPD %	Dilution Factor
94/11495	QLCS		WBS8A, DM	C	Boron, Dissolved in Water	PE2000	940826	940909	941026	Water							750.	ug/L	9	EPA 6010	1000.	0	75	-	1
94/11495	QLCS		WBS8A, DM	C	Iron, Dissolved in Water	PE2000	940826	940909	941026	Water							980.	ug/L	9	EPA 6010	1000.	0	98	-	1
94/11495	QLCS		WBS8A, DM	C	Magnesium, Dissolved in Water	PE2000	940826	940909	941026	Water							0.95	mg/L	9	EPA 6010	1.0	0	95	-	1
94/11495	QLCS		WBS8A, DM	C	Silicon, Dissolved in Water	PE2000	940826	940909	941026	Water							980.	ug/L	9	EPA 6010	1000.	0	98	-	1
94/11495	QLCS		WBS8A, DM	C	Copper, Dissolved in Water	PE2000	940826	940909	941026	Water							1000.	ug/L	9	EPA 6010	1000.	0	100	-	1
94/11495	QLCS		WBS8A, DM	C	Molybdenum, Dissolved in Water	PE2000	940826	940909	941026	Water							940.	ug/L	9	EPA 6010	1000.	0	94	-	1
94/11495	QLCS		WBS8A, DM	C	Vanadium, Dissolved in Water	PE2000	940826	940909	941026	Water							950.	ug/L	9	EPA 6010	1000.	0	95	-	1
94/11495	QLCS		WBS8A, DM	C	Zinc, Dissolved in Water	PE2000	940826	940909	941026	Water							1000.	ug/L	9	EPA 6010	1000.	0	100	-	1
94/11495	QLCS		WBS8A, DM	C	Silver, Dissolved in Water	PE2000	940826	940909	941026	Water							1000.	ug/L	N	EPA 6010	1000.	0	100	-	1
94/11495	QLCS		WBS8A, DM	C	Manganese, Dissolved in Water	PE2000	940824	940909	941026	Water							980.	ug/L	9	EPA 6010	1000.	0	98	-	1
94/11496	OMTB		WBS8A, DM	C	Aluminum, Dissolved in Water	PE2000	940826	940909	941026	Water							60.	ug/L	U	EPA 6010					1
94/11496	OMTB		WBS8A, DM	C	Calcium, Dissolved in Water	PE2000	940826	940909	941026	Water							0.1	mg/L	U	EPA 6010					1
94/11496	OMTB		WBS8A, DM	C	Beryllium, Dissolved in Water	PE2000	940826	940909	941026	Water							1.0	ug/L	U	EPA 6010					1
94/11496	OMTB		WBS8A, DM	C	Barium, Dissolved in Water	PE2000	940826	940909	941026	Water							10.	ug/L	U	EPA 6010					1
94/11496	OMTB		WBS8A, DM	C	Boron, Dissolved in Water	PE2000	940826	940909	941026	Water							500.	ug/L	U	EPA 6010					1
94/11496	OMTB		WBS8A, DM	C	Iron, Dissolved in Water	PE2000	940826	940909	941026	Water							10.	ug/L	U	EPA 6010					1
94/11496	OMTB		WBS8A, DM	C	Magnesium, Dissolved in Water	PE2000	940826	940909	941026	Water							0.01	mg/L	U	EPA 6010					1
94/11496	OMTB		WBS8A, DM	C	Silicon, Dissolved in Water	PE2000	940826	940909	941026	Water							20.	ug/L	U	EPA 6010					1
94/11496	OMTB		WBS8A, DM	C	Copper, Dissolved in Water	PE2000	940826	940909	941026	Water							10.	ug/L	U	EPA 6010					1
94/11496	OMTB		WBS8A, DM	C	Molybdenum, Dissolved in Water	PE2000	940826	940909	941026	Water							20.	ug/L	U	EPA 6010					1
94/11496	OMTB		WBS8A, DM	C	Vanadium, Dissolved in Water	PE2000	940826	940909	941026	Water							10.	ug/L	U	EPA 6010					1
94/11496	OMTB		WBS8A, DM	C	Zinc, Dissolved in Water	PE2000	940826	940909	941026	Water							10.	ug/L	U	EPA 6010					1
94/11496	OMTB		WBS8A, DM	C	Silver, Dissolved in Water	PE2000	940826	940909	941026	Water							10.	ug/L	NU	EPA 6010					1
94/11496	OMTB		WBS8A, DM	C	Manganese, Dissolved in Water	PE2000	940824	940909	941026	Water							6.0	ug/L	U	EPA 6010					1
94/1172	T0073		WBS8B, DM	C	Aluminum, Dissolved in Water	PE2000	940831	940926	941026	Water							50.	ug/L	U	EPA 6010					1
94/1172	T0073		WBS8B, DM	C	Calcium, Dissolved in Water	PE2000	940831	940926	941026	Water							31.	mg/L	N	EPA 6010					1
94/1172	T0073		WBS8B, DM	C	Beryllium, Dissolved in Water	PE2000	940831	940926	941026	Water							1.0	ug/L	U	EPA 6010					1
94/1172	T0073		WBS8B, DM	C	Barium, Dissolved in Water	PE2000	940831	940926	941026	Water							20.	ug/L	9	EPA 6010					1
94/1172	T0073		WBS8B, DM	C	Boron, Dissolved in Water	PE2000	940831	940926	941026	Water							600.	ug/L	U	EPA 6010					1
94/1172	T0073		WBS8B, DM	C	Iron, Dissolved in Water	PE2000	940831	940926	941026	Water							10.	ug/L	9	EPA 6010					1
94/1172	T0073		WBS8B, DM	C	Magnesium, Dissolved in Water	PE2000	940831	940926	941026	Water							6.6	mg/L	9	EPA 6010					1
94/1172	T0073		WBS8B, DM	C	Silicon, Dissolved in Water	PE2000	940831	940926	941026	Water							2500.	ug/L	9	EPA 6010					1
94/1172	T0073		WBS8B, DM	C	Copper, Dissolved in Water	PE2000	940831	940926	941026	Water							10.	ug/L	U	EPA 6010					1
94/1172	T0073		WBS8B, DM	C	Molybdenum, Dissolved in Water	PE2000	940831	940926	941026	Water							20.	ug/L	U	EPA 6010					1
94/1172	T0073		WBS8B, DM	C	Vanadium, Dissolved in Water	PE2000	940831	940926	941026	Water							10.	ug/L	9	EPA 6010					1
94/1172	T0073		WBS8B, DM	C	Zinc, Dissolved in Water	PE2000	940831	940926	941026	Water							10.	ug/L	U	EPA 6010					1
94/1172	T0073		WBS8B, DM	C	Silver, Dissolved in Water	PE2000	940831	940926	941026	Water							10.	ug/L	U	EPA 6010					1
94/1172	T0073		WBS8B, DM	C	Manganese, Dissolved in Water	PE2000	940824	940909	941026	Water							6.0	ug/L	U	EPA 6010					1
94/1173	T0291		WBS8B, DM	C	Aluminum, Dissolved in Water	PE2000	940831	940926	941026	Water							50.	ug/L	U	EPA 6010					1
94/1173	T0291		WBS8B, DM	C	Calcium, Dissolved in Water	PE2000	940831	940926	941026	Water							31.	mg/L	N	EPA 6010					1
94/1173	T0291		WBS8B, DM	C	Beryllium, Dissolved in Water	PE2000	940831	940926	941026	Water							1.0	ug/L	9	EPA 6010					1
94/1173	T0291		WBS8B, DM	C	Barium, Dissolved in Water	PE2000	940831	940926	941026	Water							10.	ug/L	9	EPA 6010					1
94/1173	T0291		WBS8B, DM	C	Boron, Dissolved in Water	PE2000	940831	940926	941026	Water							600.	ug/L	U	EPA 6010					1
94/1173	T0291		WBS8B, DM	C	Iron, Dissolved in Water	PE2000	940831	940926	941026	Water							10.	ug/L	U	EPA 6010					1
94/1173	T0291		WBS8B, DM	C	Magnesium, Dissolved in Water	PE2000	940831	940926	941026	Water							6.4	mg/L	9	EPA 6010					1
94/1173	T0291		WBS8B, DM	C	Silicon, Dissolved in Water	PE2000	940831	940926	941026	Water							2400.	ug/L	9	EPA 6010					1
94/1173	T0291		WBS8B, DM	C	Copper, Dissolved in Water	PE2000	940831	940926	941026	Water							10.	ug/L	U	EPA 6010					1
94/1173	T0291		WBS8B, DM	C	Molybdenum, Dissolved in Water	PE2000	940831	940926	941026	Water							20.	ug/L	U	EPA 6010					1
94/1173	T0291		WBS8B, DM	C	Vanadium, Dissolved in Water	PE2000	940831	940926	941026	Water							10.	ug/L	U	EPA 6010					1
94/1173	T0291		WBS8B, DM	C	Zinc, Dissolved in Water	PE2000	940831	940926	941026	Water							10.	ug/L	U	EPA 6010					1
94/1173	T0291		WBS8B, DM	C	Silver, Dissolved in Water	PE2000	940831	940926	941026	Water							10.	ug/L	U	EPA 6010					1
94/1173	T0291		WBS8B, DM	C	Manganese, Dissolved in Water	PE2000	940824	940909	941026	Water							6.0	ug/L	U	EPA 6010					1
94/1174	T0083		WBS8B, DM	C	Aluminum, Dissolved in Water	PE2000	940831	940926	941026	Water							50.	ug/L	U	EPA 6010					1
94/1174	T0083		WBS8B, DM	C	Calcium, Dissolved in Water	PE2000	940831	940926	941026	Water							30.	mg/L	N	EPA 6010					1
94/1174	T0083		WBS8B, DM	C	Beryllium, Dissolved in Water	PE2000	940831	940926	941026	Water							1.0	ug/L	U	EPA 6010					1
94/1174	T0083		WBS8B, DM	C	Barium, Dissolved in Water	PE2000	940831	940926	941026	Water							10.	ug/L	9	EPA 6010					1
94/1174	T0083		WBS8B, DM	C	Boron, Dissolved in Water	PE2000	940831	940926	941026	Water							600.	ug/L	U	EPA 6010					1
94/1174	T0083		WBS8B, DM	C	Iron, Dissolved in Water	PE2000	940831	940926	941026	Water							10.	ug/L	9	EPA 6010					1
94/1174	T0083		WBS8B, DM	C	Magnesium, Dissolved in Water	PE2000	940831	940926	941026	Water							6.0	mg/L	9	EPA 6010					1
94/1174	T0083		WBS8B, DM	C	Silicon, Dissolved in Water	PE2000	940831	940926	941026	Water							2300.	ug/L	9	EPA 6010					1
94/1174	T0083		WBS8B, DM	C	Copper, Dissolved in Water	PE2000	940831	940926	941026	Water							10.	ug/L	U	EPA 6010					1
94/1174	T0083		WBS8B, DM	C	Molybdenum, Dissolved in Water	PE2000	940831	940926	941026	Water							20.	ug/L	U	EPA 6010					1
94/1174	T0083		WBS8B, DM	C	Vanadium, Dissolved in Water	PE2000	940831	940926	941026	Water							10.	ug/L	9	EPA 6010					1
94/1174	T0083		WBS8B, DM	C	Zinc, Dissolved in Water	PE2000	940831	940926	941026	Water							10.	ug/L	U	EPA 6010					1
94/1174	T0083		WBS8B, DM	C	Silver, Dissolved in Water	PE2000	940831	940926	941026	Water							10.	ug/L	U	EPA 6010					1
94/1174	T0083																								

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TABLE B-4, ICP DISSOLVED METALS IN WATER (PAGE 5 OF 5)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result Units	Result Units	Lab Qualifier	Sample Analysis Method	Spike Amt/Units	Bkg.	Recovery %	RPD %	Dilution Factor
94/11980	QMSP	T0253 BKG	WBS8B, DM	C	Copper, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	220. ug/L	9	EPA 6010	250. ug/L	0	88	-	1	
94/11980	QMSP	T0253 BKG	WBS8B, DM	C	Molybdenum, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	210. ug/L	9	EPA 6010	250. ug/L	0	84	-	1	
94/11980	QMSP	T0253 BKG	WBS8B, DM	C	Vanadium, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	230. ug/L	9	EPA 6010	250. ug/L	0	92	-	1	
94/11980	QMSP	T0253 BKG	WBS8B, DM	C	Zinc, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	200. ug/L	9	EPA 6010	250. ug/L	0	80	-	1	
94/11980	QMSP	T0253 BKG	WBS8B, DM	C	Silver, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	200. ug/L	9	EPA 6010	250. ug/L	0	80	-	1	
94/11980	QMSP	T0253 BKG	WBS8A, DM	C	Manganese, Dissolved in Water	PE2000	940824	940909	941026	Water	-	-	-	-	-	-	2900. ug/L	9	EPA 6010	3125. ug/L	0	93	-	1	
94/11981	QMSD	T0253 BKG	WBS8B, DM	C	Aluminum, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	1100. ug/L	9	EPA 6010	1250. ug/L	0	88	0.0	1	
94/11981	QMSD	T0253 BKG	WBS8B, DM	C	Calcium, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	29.0 mg/L	N	EPA 6010	12.5 mg/L	20.2	72	0.0	1	
94/11981	QMSD	T0253 BKG	WBS8B, DM	C	Beryllium, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	240. ug/L	9	EPA 6010	250. ug/L	25	86	0.0	1	
94/11981	QMSD	T0253 BKG	WBS8B, DM	C	Barium, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	1200. ug/L	9	EPA 6010	1250. ug/L	0	96	0.0	1	
94/11981	QMSD	T0253 BKG	WBS8B, DM	C	Boron, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	1200. ug/L	9	EPA 6010	1260. ug/L	0	94	1.7	1	
94/11981	QMSD	T0253 BKG	WBS8B, DM	C	Iron, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	2900. ug/L	9	EPA 6010	3125. ug/L	0	93	0.0	1	
94/11981	QMSD	T0253 BKG	WBS8B, DM	C	Magnesium, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	11.0 mg/L	9	EPA 6010	6.25 mg/L	5	90	0.0	1	
94/11981	QMSD	T0253 BKG	WBS8B, DM	C	Silicon, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	4900. ug/L	9	EPA 6010	2500. ug/L	2460	98	0.0	1	
94/11981	QMSD	T0253 BKG	WBS8B, DM	C	Copper, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	220. ug/L	9	EPA 6010	250. ug/L	0	88	0.0	1	
94/11981	QMSD	T0253 BKG	WBS8B, DM	C	Molybdenum, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	210. ug/L	9	EPA 6010	250. ug/L	0	84	0.0	1	
94/11981	QMSD	T0253 BKG	WBS8B, DM	C	Vanadium, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	230. ug/L	9	EPA 6010	250. ug/L	0	92	0.0	1	
94/11981	QMSD	T0253 BKG	WBS8B, DM	C	Zinc, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	200. ug/L	9	EPA 6010	250. ug/L	0	80	0.0	1	
94/11981	QMSD	T0253 BKG	WBS8B, DM	C	Silver, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	200. ug/L	9	EPA 6010	250. ug/L	0	80	0.0	1	
94/11981	QMSD	T0253 BKG	WBS8A, DM	C	Manganese, Dissolved in Water	PE2000	940824	940909	941026	Water	-	-	-	-	-	-	2900. ug/L	9	EPA 6010	3125. ug/L	0	93	0.0	1	
94/11982	QLCS	-	WBS8B, DM	C	Aluminum, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	930. ug/L	9	EPA 6010	1000. ug/L	0	93	-	1	
94/11982	QLCS	-	WBS8B, DM	C	Calcium, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	0.95 mg/L	N	EPA 6010	1.0 mg/L	0	95	-	1	
94/11982	QLCS	-	WBS8B, DM	C	Beryllium, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	970. ug/L	9	EPA 6010	1000. ug/L	0	97	-	1	
94/11982	QLCS	-	WBS8B, DM	C	Barium, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	990. ug/L	9	EPA 6010	1000. ug/L	0	99	-	1	
94/11982	QLCS	-	WBS8B, DM	C	Boron, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	900. ug/L	9	EPA 6010	1000. ug/L	0	90	-	1	
94/11982	QLCS	-	WBS8B, DM	C	Iron, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	1000. ug/L	9	EPA 6010	1000. ug/L	0	100	-	1	
94/11982	QLCS	-	WBS8B, DM	C	Magnesium, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	0.97 mg/L	9	EPA 6010	1.0 mg/L	0	97	-	1	
94/11982	QLCS	-	WBS8B, DM	C	Silicon, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	800. ug/L	9	EPA 6010	1000. ug/L	0	80	-	1	
94/11982	QLCS	-	WBS8B, DM	C	Copper, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	1000. ug/L	9	EPA 6010	1000. ug/L	0	100	-	1	
94/11982	QLCS	-	WBS8B, DM	C	Molybdenum, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	920. ug/L	9	EPA 6010	1000. ug/L	0	92	-	1	
94/11982	QLCS	-	WBS8B, DM	C	Vanadium, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	980. ug/L	9	EPA 6010	1000. ug/L	0	98	-	1	
94/11982	QLCS	-	WBS8B, DM	C	Zinc, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	1000. ug/L	9	EPA 6010	1000. ug/L	0	100	-	1	
94/11982	QLCS	-	WBS8B, DM	C	Silver, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	1000. ug/L	9	EPA 6010	1000. ug/L	0	100	-	1	
94/11982	QLCS	-	WBS8A, DM	C	Manganese, Dissolved in Water	PE2000	940824	940909	941026	Water	-	-	-	-	-	-	1000. ug/L	9	EPA 6010	1000. ug/L	0	100	-	1	
94/11983	QMTB	-	WBS8B, DM	C	Aluminum, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	50. ug/L	U	EPA 6010	-	-	-	-	1	
94/11983	QMTB	-	WBS8B, DM	C	Calcium, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	0.1 mg/L	NU	EPA 6010	-	-	-	-	1	
94/11983	QMTB	-	WBS8B, DM	C	Beryllium, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	1.0 ug/L	U	EPA 6010	-	-	-	-	1	
94/11983	QMTB	-	WBS8B, DM	C	Barium, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	10. ug/L	U	EPA 6010	-	-	-	-	1	
94/11983	QMTB	-	WBS8B, DM	C	Boron, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	500. ug/L	U	EPA 6010	-	-	-	-	1	
94/11983	QMTB	-	WBS8B, DM	C	Iron, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	10. ug/L	U	EPA 6010	-	-	-	-	1	
94/11983	QMTB	-	WBS8B, DM	C	Magnesium, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	0.01 mg/L	U	EPA 6010	-	-	-	-	1	
94/11983	QMTB	-	WBS8B, DM	C	Silicon, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	20. ug/L	U	EPA 6010	-	-	-	-	1	
94/11983	QMTB	-	WBS8B, DM	C	Copper, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	10. ug/L	U	EPA 6010	-	-	-	-	1	
94/11983	QMTB	-	WBS8B, DM	C	Molybdenum, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	20. ug/L	U	EPA 6010	-	-	-	-	1	
94/11983	QMTB	-	WBS8B, DM	C	Vanadium, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	10. ug/L	U	EPA 6010	-	-	-	-	1	
94/11983	QMTB	-	WBS8B, DM	C	Zinc, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	10. ug/L	U	EPA 6010	-	-	-	-	1	
94/11983	QMTB	-	WBS8B, DM	C	Silver, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	10. ug/L	U	EPA 6010	-	-	-	-	1	
94/11983	QMTB	-	WBS8B, DM	C	Manganese, Dissolved in Water	PE2000	940902	940926	941026	Water	-	-	-	-	-	-	5.0 ug/L	U	EPA 6010	-	-	-	-	1	

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ICP-TM XLS ICP-TM 8/21/95 09:23 AM

ICP-TM.XLS ICP-TM 8/21/95 09:23 AM

100

ICP-TM.XLS ICP-TM 8/21/95 09:23 AM

TABLE B-5, ICP TOTAL METALS IN WATER (PAGE 4 OF 8)

Lab Number	Sample Info	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amt/Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Lab Qualifier	Sample Analysis Method	Spike Amt/Units	Recovery %	RPD %	Dilution Factor
94/11437	QMSF	T0065 BKG	WBS8A, TM	C	Iron, Total in Water	PE2000	940826	940923	941205	Water	EPA 3010A	50 mL	50 mL	50 mL	.	1300.	ug/L	9	EPA 6010	1250. mg/L	89	.	1
94/11437	QMSF	T0065 BKG	WBS8A, TM	C	Magnesium, Total in Water	PE2000	940826	940923	941208	Water	EPA 3010A	50 mL	50 mL	50 mL	.	10.8	mg/L	9	EPA 6010	2.5 mg/L	84	.	1
94/11437	QMSF	T0065 BKG	WBS8A, TM	C	Silicon, Total in Water	PE2000	940826	940923	941208	Water	EPA 3010A	50 mL	50 mL	50 mL	.	7000.	ug/L	9	EPA 6010	5000. ug/L	93	.	1
94/11437	QMSF	T0065 BKG	WBS8A, TM	C	Copper, Total in Water	PE2000	940826	940923	941205	Water	EPA 3010A	50 mL	50 mL	50 mL	.	95.	ug/L	9	EPA 6010	100. ug/L	85	.	1
94/11437	QMSF	T0065 BKG	WBS8A, TM	C	Molybdenum, Total in Water	PE2000	940826	940923	941205	Water	EPA 3010A	50 mL	50 mL	50 mL	.	91.	ug/L	9	EPA 6010	100. ug/L	91	.	1
94/11437	QMSF	T0065 BKG	WBS8A, TM	C	Vanadium, Total in Water	PE2000	940826	940923	941102	Water	EPA 3010A	50 mL	50 mL	50 mL	.	91.	ug/L	9	EPA 6010	100. ug/L	91	.	1
94/11437	QMSF	T0065 BKG	WBS8A, TM	C	Zinc, Total in Water	PE2000	940826	940923	941102	Water	EPA 3010A	50 mL	50 mL	50 mL	.	94.	ug/L	9	EPA 6010	100. ug/L	84	.	1
94/11437	QMSF	T0065 BKG	WBS8A, TM	C	Silver, Total in Water	PE2000	940826	940923	941102	Water	EPA 3010A	50 mL	50 mL	50 mL	.	100.	ug/L	9	EPA 6010	100. ug/L	101	.	1
94/11437	QMSF	T0065 BKG	WBS8A, TM	C	Manganese, Total in Water	PE2000	940826	940923	941205	Water	EPA 3010A	50 mL	50 mL	50 mL	.	1300.	ug/L	9	EPA 6010	1250. ug/L	102	.	1
94/11438	QMSD	T0065 BKG	WBS8A, TM	C	Aluminum, Total in Water	PE2000	940826	940923	941102	Water	EPA 3010A	50 mL	50 mL	50 mL	.	650.	ug/L	9	EPA 6010	500. ug/L	94	0.0	1
94/11438	QMSD	T0065 BKG	WBS8A, TM	C	Calcium, Total in Water	PE2000	940826	940923	941102	Water	EPA 3010A	50 mL	50 mL	50 mL	.	33.0	mg/L	9	EPA 6010	5. mg/L	80	0.0	1
94/11438	QMSD	T0065 BKG	WBS8A, TM	C	Beryllium, Total in Water	PE2000	940826	940923	941102	Water	EPA 3010A	50 mL	50 mL	50 mL	.	101.	ug/L	9	EPA 6010	100. ug/L	101	3.0	1
94/11438	QMSD	T0065 BKG	WBS8A, TM	C	Barium, Total in Water	PE2000	940826	940923	941108	Water	EPA 3010A	50 mL	50 mL	50 mL	.	620.	ug/L	9	EPA 6010	500. ug/L	99	1.8	1
94/11438	QMSD	T0065 BKG	WBS8A, TM	C	Boron, Total in Water	PE2000	940826	940923	941108	Water	EPA 3010A	50 mL	50 mL	50 mL	.	1800.	ug/L	N	EPA 6010	2500. ug/L	74	3.7	1
94/11438	QMSD	T0065 BKG	WBS8A, TM	C	Iron, Total in Water	PE2000	940826	940923	941205	Water	EPA 3010A	50 mL	50 mL	50 mL	.	1300.	ug/L	9	EPA 6010	1250. mg/L	88	0.9	1
94/11438	QMSD	T0065 BKG	WBS8A, TM	C	Magnesium, Total in Water	PE2000	940826	940923	941208	Water	EPA 3010A	50 mL	50 mL	50 mL	.	10.5	mg/L	9	EPA 6010	2.5 mg/L	84	0.0	1
94/11438	QMSD	T0065 BKG	WBS8A, TM	C	Silicon, Total in Water	PE2000	940826	940923	941208	Water	EPA 3010A	50 mL	50 mL	50 mL	.	7600.	ug/L	9	EPA 6010	5000. ug/L	103	11.	1
94/11438	QMSD	T0065 BKG	WBS8A, TM	C	Copper, Total in Water	PE2000	940826	940923	941205	Water	EPA 3010A	50 mL	50 mL	50 mL	.	92.	ug/L	9	EPA 6010	100. ug/L	82	3.2	1
94/11438	QMSD	T0065 BKG	WBS8A, TM	C	Molybdenum, Total in Water	PE2000	940826	940923	941205	Water	EPA 3010A	50 mL	50 mL	50 mL	.	110.	ug/L	9	EPA 6010	100. ug/L	109	18.	1
94/11438	QMSD	T0065 BKG	WBS8A, TM	C	Vanadium, Total in Water	PE2000	940826	940923	941102	Water	EPA 3010A	50 mL	50 mL	50 mL	.	94.	ug/L	9	EPA 6010	100. ug/L	94	3.2	1
94/11438	QMSD	T0065 BKG	WBS8A, TM	C	Zinc, Total in Water	PE2000	940826	940923	941102	Water	EPA 3010A	50 mL	50 mL	50 mL	.	110.	ug/L	9	EPA 6010	100. ug/L	103	17.	1
94/11438	QMSD	T0065 BKG	WBS8A, TM	C	Silver, Total in Water	PE2000	940826	940923	941102	Water	EPA 3010A	50 mL	50 mL	50 mL	.	100.	ug/L	9	EPA 6010	100. ug/L	101	0.0	1
94/11438	QMSD	T0065 BKG	WBS8A, TM	C	Manganese, Total in Water	PE2000	940826	940923	941205	Water	EPA 3010A	50 mL	50 mL	50 mL	.	1300.	ug/L	9	EPA 6010	1250. ug/L	102	0.0	1
94/11439	QLCS	.	WBS8A, TM	C	Aluminum, Total in Water	PE2000	940826	940923	941102	Water	EPA 3010A	50 mL	50 mL	50 mL	.	1100.	ug/L	9	EPA 6010	1000. ug/L	111	.	1
94/11439	QLCS	.	WBS8A, TM	C	Calcium, Total in Water	PE2000	940826	940923	941102	Water	EPA 3010A	50 mL	50 mL	50 mL	.	1.2	mg/L	9	EPA 6010	1. mg/L	120	.	1
94/11439	QLCS	.	WBS8A, TM	C	Beryllium, Total in Water	PE2000	940826	940923	941102	Water	EPA 3010A	50 mL	50 mL	50 mL	.	1000.	ug/L	9	EPA 6010	1000. ug/L	102	.	1
94/11439	QLCS	.	WBS8A, TM	C	Barium, Total in Water	PE2000	940826	940923	941102	Water	EPA 3010A	50 mL	50 mL	50 mL	.	1000.	ug/L	9	EPA 6010	1000. ug/L	100	.	1
94/11439	QLCS	.	WBS8A, TM	C	Boron, Total in Water	PE2000	940826	940923	941108	Water	EPA 3010A	50 mL	50 mL	50 mL	.	1000.	ug/L	N	EPA 6010	1000. ug/L	89	.	1
94/11439	QLCS	.	WBS8A, TM	C	Iron, Total in Water	PE2000	940826	940923	941205	Water	EPA 3010A	50 mL	50 mL	50 mL	.	1000.	ug/L	9	EPA 6010	1000. mg/L	100	.	1
94/11439	QLCS	.	WBS8A, TM	C	Magnesium, Total in Water	PE2000	940826	940923	941208	Water	EPA 3010A	50 mL	50 mL	50 mL	.	1.0	mg/L	9	EPA 6010	1. mg/L	100	.	1
94/11439	QLCS	.	WBS8A, TM	C	Silicon, Total in Water	PE2000	940826	940923	941208	Water	EPA 3010A	50 mL	50 mL	50 mL	.	1200.	ug/L	9	EPA 6010	1000. ug/L	116	.	1
94/11439	QLCS	.	WBS8A, TM	C	Copper, Total in Water	PE2000	940826	940923	941205	Water	EPA 3010A	50 mL	50 mL	50 mL	.	1000.	ug/L	9	EPA 6010	1000. ug/L	100	.	1
94/11439	QLCS	.	WBS8A, TM	C	Molybdenum, Total in Water	PE2000	940826	940923	941205	Water	EPA 3010A	50 mL	50 mL	50 mL	.	1000.	ug/L	9	EPA 6010	1000. ug/L	100	.	1
94/11439	QLCS	.	WBS8A, TM	C	Vanadium, Total in Water	PE2000	940826	940923	941102	Water	EPA 3010A	50 mL	50 mL	50 mL	.	1000.	ug/L	9	EPA 6010	1000. ug/L	102	.	1
94/11439	QLCS	.	WBS8A, TM	C	Zinc, Total in Water	PE2000	940826	940923	941102	Water	EPA 3010A	50 mL	50 mL	50 mL	.	1000.	ug/L	9	EPA 6010	1000. ug/L	101	.	1
94/11439	QLCS	.	WBS8A, TM	C	Silver, Total in Water	PE2000	940826	940923	941102	Water	EPA 3010A	50 mL	50 mL	50 mL	.	1000.	ug/L	9	EPA 6010	1000. ug/L	100	.	1
94/11439	QLCS	.	WBS8A, TM	C	Manganese, Total in Water	PE2000	940826	940923	941205	Water	EPA 3010A	50 mL	50 mL	50 mL	.	1000.	ug/L	9	EPA 6010	1000. ug/L	100	.	1
94/11440	QMTB	.	WBS8A, TM	C	Aluminum, Total in Water	PE2000	940826	940923	941102	Water	EPA 3010A	50 mL	50 mL	50 mL	.	50.	ug/L	U	EPA 6010	.	.	.	1
94/11440	QMTB	.	WBS8A, TM	C	Calcium, Total in Water	PE2000	940826	940923	941102	Water	EPA 3010A	50 mL	50 mL	50 mL	.	0.1	mg/L	U	EPA 6010	.	.	.	1
94/11440	QMTB	.	WBS8A, TM	C	Beryllium, Total in Water	PE2000	940826	940923	941102	Water	EPA 3010A	50 mL	50 mL	50 mL	.	1.0	ug/L	U	EPA 6010	.	.	.	1
94/11440	QMTB	.	WBS8A, TM	C	Barium, Total in Water	PE2000	940826	940923	941102	Water	EPA 3010A	50 mL	50 mL	50 mL	.	10.	ug/L	U	EPA 6010	.	.	.	1
94/11440	QMTB	.	WBS8A, TM	C	Boron, Total in Water	PE2000	940826	940923	941108	Water	EPA 3010A	50 mL	50 mL	50 mL	.	500.	ug/L	NU	EPA 6010	.	.	.	1
94/11440	QMTB	.	WBS8A, TM	C	Iron, Total in Water	PE2000	940826	940923	941205	Water	EPA 3010A	50 mL	50 mL	50 mL	.	10.	ug/L	U	EPA 6010	.	.	.	1
94/11440	QMTB	.	WBS8A, TM	C	Magnesium, Total in Water	PE2000	940826	940923	941208	Water	EPA 3010A	50 mL	50 mL	50 mL	.	0.01	mg/L	U	EPA 6010	.	.	.	1
94/11440	QMTB	.	WBS8A, TM	C	Silicon, Total in Water	PE2000	940826	940923	941208	Water	EPA 3010A	50 mL	50 mL	50 mL	.	20.	ug/L	U	EPA 6010	.	.	.	1
94/11440	QMTB	.	WBS8A, TM	C	Copper, Total in Water	PE2000	940826	940923	941205	Water	EPA 3010A	50 mL	50 mL	50 mL	.	10.	ug/L	U	EPA 6010	.	.	.	1
94/11440	QMTB	.	WBS8A, TM	C	Molybdenum, Total in Water	PE2000	940826	940923	941205	Water	EPA 3010A	50 mL	50 mL	50 mL	.	20.	ug/L	U	EPA 6010	.	.	.	1
94/11440	QMTB	.	WBS8A, TM	C	Vanadium, Total in Water	PE2000	940826	940923	941102	Water	EPA 3010A	50 mL	50 mL	50 mL	.	10.	ug/L	U	EPA 6010	.	.	.	1
94/11440	QMTB	.	WBS8A, TM	C	Zinc, Total in Water	PE2000	940826	940923	941102	Water	EPA 3010A	50 mL	50 mL	50 mL	.	10.	ug/L	U	EPA 6010	.	.	.	1
94/11440	QMTB	.	WBS8A, TM	C	Silver, Total in Water	PE2000	940826	940923	941205	Water	EPA 3010A	50 mL	50 mL	50 mL	.	10.	ug/L	U	EPA 6010	.	.	.	1
94/11440	QMTB	.	WBS8A, TM	C	Manganese, Total in Water	PE2000	940826	940923	941205	Water	EPA 3010A	50 mL	50 mL	50 mL	.	5.0	ug/L	U	EPA 6010	.	.	.	1
94/11555	T0075	.	WBS8B, TM	C	Aluminum, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50 mL	50 mL	50 mL	.	50.	ug/L	NU*	EPA 6010	.	.	.	1
94/11555	T0075	.	WBS8B, TM	C	Calcium, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50 mL	50 mL	50 mL	.	30.	mg/L	N	EPA 6010	.	.	.	1
94/11555	T0075	.	WBS8B, TM	C	Beryllium, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50 mL	50 mL	50 mL	.	1.0	ug/L	U	EPA 6010	.	.	.	1
94/11555	T0075	.	WBS8B, TM	C	Barium, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50 mL	50 mL	50 mL	.	20.	ug/L	9	EPA 6010	.	.	.	1
94/11555	T0075	.	WBS8B, TM	C	Boron, Total in Water	PE2000	940831	940924	941108	Water	EPA 3010A	50 mL	50 mL	50 mL	.	500.	ug/L	U	EPA 6010	.	.	.	1
94/11555	T0075	.	WBS8B, TM	C	Iron, Total in Water	PE2000	940831	940924	941205	Water	EPA 3010A	50 mL	50 mL	50 mL	.	100.	ug/L	N	EPA 6010	.	.	.	1
94/11555	T0075	.	WBS8B, TM	C	Magnesium, Total in Water	PE2000	940831	940924	941208	Water	EPA 3010A	50 mL	50 mL	50 mL	.	7.8	mg/L	9	EPA 6010	.	.	.	1
94/11555	T0075	.	WBS8B, TM	C	Silicon, Total in Water	PE2000	940831	940924	941208	Water	EPA 3010A	50 mL	50 mL	50 mL	.								

TABLE B-5, ICP TOTAL METALS IN WATER (PAGE 5 OF 8)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amt/Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Lab Qualifier	Sample Analysis Method	Spike Amt/Units	Recovery %	RPD %	Dilution Factor
94/11956	T0293	FR	WBS8B, TM	C	Beryllium, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50	mL	50		1.0	ug/L	U	EPA 6010				1
94/11956	T0293	FR	WBS8B, TM	C	Barium, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50	mL	50		20.	ug/L	U	EPA 6010				1
94/11956	T0293	FR	WBS8B, TM	C	Boron, Total in Water	PE2000	940831	940924	941108	Water	EPA 3010A	50	mL	50		600.	ug/L	U	EPA 6010				1
94/11956	T0293	FR	WBS8B, TM	C	Iron, Total in Water	PE2000	940831	940924	941205	Water	EPA 3010A	50	mL	50		90.	ug/L	N	EPA 6010				1
94/11956	T0293	FR	WBS8B, TM	C	Magnesium, Total in Water	PE2000	940831	940924	941208	Water	EPA 3010A	50	mL	50		7.5	mg/L	U	EPA 6010				1
94/11956	T0293	FR	WBS8B, TM	C	Silicon, Total in Water	PE2000	940831	940924	941208	Water	EPA 3010A	50	mL	50		2400.	ug/L	U	EPA 6010				1
94/11956	T0293	FR	WBS8B, TM	C	Copper, Total in Water	PE2000	940831	940924	941205	Water	EPA 3010A	50	mL	50		10.	ug/L	U	EPA 6010				1
94/11956	T0293	FR	WBS8B, TM	C	Molybdenum, Total in Water	PE2000	940831	940924	941205	Water	EPA 3010A	50	mL	50		20.	ug/L	U	EPA 6010				1
94/11956	T0293	FR	WBS8B, TM	C	Vanadium, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50	mL	50		10.	ug/L	U	EPA 6010				1
94/11956	T0293	FR	WBS8B, TM	C	Zinc, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50	mL	50		10.	ug/L	U	EPA 6010				1
94/11956	T0293	FR	WBS8B, TM	C	Silver, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50	mL	50		10.	ug/L	U	EPA 6010				1
94/11956	T0293	FR	WBS8B, TM	C	Manganese, Total in Water	PE2000	940831	940924	941205	Water	EPA 3010A	50	mL	50		10.	ug/L	U	EPA 6010				1
94/11957	T0085		WBS8B, TM	C	Aluminum, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50	mL	50		50.	ug/L	N*	EPA 6010				1
94/11957	T0085		WBS8B, TM	C	Calcium, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50	mL	50		31.	mg/L	N	EPA 6010				1
94/11957	T0085		WBS8B, TM	C	Beryllium, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50	mL	50		1.0	ug/L	U	EPA 6010				1
94/11957	T0085		WBS8B, TM	C	Barium, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50	mL	50		20.	ug/L	U	EPA 6010				1
94/11957	T0085		WBS8B, TM	C	Boron, Total in Water	PE2000	940831	940924	941108	Water	EPA 3010A	50	mL	50		600.	ug/L	U	EPA 6010				1
94/11957	T0085		WBS8B, TM	C	Iron, Total in Water	PE2000	940831	940924	941205	Water	EPA 3010A	50	mL	50		80.	ug/L	N	EPA 6010				1
94/11957	T0085		WBS8B, TM	C	Magnesium, Total in Water	PE2000	940831	940924	941208	Water	EPA 3010A	50	mL	50		8.1	mg/L	U	EPA 6010				1
94/11957	T0085		WBS8B, TM	C	Silicon, Total in Water	PE2000	940831	940924	941208	Water	EPA 3010A	50	mL	50		2200.	ug/L	U	EPA 6010				1
94/11957	T0085		WBS8B, TM	C	Copper, Total in Water	PE2000	940831	940924	941205	Water	EPA 3010A	50	mL	50		10.	ug/L	U	EPA 6010				1
94/11957	T0085		WBS8B, TM	C	Molybdenum, Total in Water	PE2000	940831	940924	941205	Water	EPA 3010A	50	mL	50		20.	ug/L	U	EPA 6010				1
94/11957	T0085		WBS8B, TM	C	Vanadium, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50	mL	50		10.	ug/L	U	EPA 6010				1
94/11957	T0085		WBS8B, TM	C	Zinc, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50	mL	50		10.	ug/L	U	EPA 6010				1
94/11957	T0085		WBS8B, TM	C	Silver, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50	mL	50		10.	ug/L	U	EPA 6010				1
94/11957	T0085		WBS8B, TM	C	Manganese, Total in Water	PE2000	940831	940924	941205	Water	EPA 3010A	50	mL	50		8.0	ug/L	U	EPA 6010				1
94/11958	T0305	FRB	WBS8B, TM	C	Aluminum, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50	mL	50		80.	ug/L	N*	EPA 6010				1
94/11958	T0305	FRB	WBS8B, TM	C	Calcium, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50	mL	50		0.2	mg/L	N	EPA 6010				1
94/11958	T0305	FRB	WBS8B, TM	C	Beryllium, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50	mL	50		1.0	ug/L	U	EPA 6010				1
94/11958	T0305	FRB	WBS8B, TM	C	Barium, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50	mL	50		10.	ug/L	U	EPA 6010				1
94/11958	T0305	FRB	WBS8B, TM	C	Boron, Total in Water	PE2000	940831	940924	941108	Water	EPA 3010A	50	mL	50		600.	ug/L	U	EPA 6010				1
94/11958	T0305	FRB	WBS8B, TM	C	Iron, Total in Water	PE2000	940831	940924	941205	Water	EPA 3010A	50	mL	50		60.	ug/L	N	EPA 6010				1
94/11958	T0305	FRB	WBS8B, TM	C	Magnesium, Total in Water	PE2000	940831	940924	941208	Water	EPA 3010A	50	mL	50		0.01	mg/L	U	EPA 6010				1
94/11958	T0305	FRB	WBS8B, TM	C	Silicon, Total in Water	PE2000	940831	940924	941208	Water	EPA 3010A	50	mL	50		910.	ug/L	U	EPA 6010				1
94/11958	T0305	FRB	WBS8B, TM	C	Copper, Total in Water	PE2000	940831	940924	941205	Water	EPA 3010A	50	mL	50		10.	ug/L	U	EPA 6010				1
94/11958	T0305	FRB	WBS8B, TM	C	Molybdenum, Total in Water	PE2000	940831	940924	941205	Water	EPA 3010A	50	mL	50		20.	ug/L	U	EPA 6010				1
94/11958	T0305	FRB	WBS8B, TM	C	Vanadium, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50	mL	50		10.	ug/L	U	EPA 6010				1
94/11958	T0305	FRB	WBS8B, TM	C	Zinc, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50	mL	50		10.	ug/L	U	EPA 6010				1
94/11958	T0305	FRB	WBS8B, TM	C	Silver, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50	mL	50		10.	ug/L	U	EPA 6010				1
94/11958	T0305	FRB	WBS8B, TM	C	Manganese, Total in Water	PE2000	940831	940924	941205	Water	EPA 3010A	50	mL	50		6.0	ug/L	U	EPA 6010				1
94/11959	T0307	DFRB	WBS8B, TM	C	Aluminum, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50	mL	50		50.	ug/L	NU*	EPA 6010				1
94/11959	T0307	DFRB	WBS8B, TM	C	Calcium, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50	mL	50		0.1	mg/L	NU	EPA 6010				1
94/11959	T0307	DFRB	WBS8B, TM	C	Beryllium, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50	mL	50		1.0	ug/L	U	EPA 6010				1
94/11959	T0307	DFRB	WBS8B, TM	C	Barium, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50	mL	50		10.	ug/L	U	EPA 6010				1
94/11959	T0307	DFRB	WBS8B, TM	C	Boron, Total in Water	PE2000	940831	940924	941108	Water	EPA 3010A	50	mL	50		500.	ug/L	U	EPA 6010				1
94/11959	T0307	DFRB	WBS8B, TM	C	Iron, Total in Water	PE2000	940831	940924	941205	Water	EPA 3010A	50	mL	50		10.	ug/L	U	EPA 6010				1
94/11959	T0307	DFRB	WBS8B, TM	C	Magnesium, Total in Water	PE2000	940831	940924	941208	Water	EPA 3010A	50	mL	50		0.01	mg/L	U	EPA 6010				1
94/11959	T0307	DFRB	WBS8B, TM	C	Silicon, Total in Water	PE2000	940831	940924	941208	Water	EPA 3010A	50	mL	50		20.	ug/L	U	EPA 6010				1
94/11959	T0307	DFRB	WBS8B, TM	C	Copper, Total in Water	PE2000	940831	940924	941205	Water	EPA 3010A	50	mL	50		10.	ug/L	U	EPA 6010				1
94/11959	T0307	DFRB	WBS8B, TM	C	Molybdenum, Total in Water	PE2000	940831	940924	941205	Water	EPA 3010A	50	mL	50		20.	ug/L	U	EPA 6010				1
94/11959	T0307	DFRB	WBS8B, TM	C	Vanadium, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50	mL	50		10.	ug/L	U	EPA 6010				1
94/11959	T0307	DFRB	WBS8B, TM	C	Zinc, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50	mL	50		10.	ug/L	U	EPA 6010				1
94/11959	T0307	DFRB	WBS8B, TM	C	Silver, Total in Water	PE2000	940831	940924	941102	Water	EPA 3010A	50	mL	50		10.	ug/L	U	EPA 6010				1
94/11959	T0307	DFRB	WBS8B, TM	C	Manganese, Total in Water	PE2000	940831	940924	941205	Water	EPA 3010A	50	mL	50		6.0	ug/L	U	EPA 6010				1
94/11960	T0308	DIRB	WBS8B, TM	C	Aluminum, Total in Water	PE2000	940901	940924	941102	Water	EPA 3010A	50	mL	50		50.	ug/L	U	EPA 6010				1
94/11960	T0308	DIRB	WBS8B, TM	C	Calcium, Total in Water	PE2000	940901	940924	941102	Water	EPA 3010A	50	mL	50		0.1	mg/L	U	EPA 6010				1
94/11960	T0308	DIRB	WBS8B, TM	C	Beryllium, Total in Water	PE2000	940901	940924	941102	Water	EPA 3010A	50	mL	50		1.0	ug/L	U	EPA 6010				1
94/11960	T0308	DIRB	WBS8B, TM	C	Barium, Total in Water	PE2000	940901	940924	941102	Water	EPA 3010A	50	mL	50		10.	ug/L	U	EPA 6010				1
94/11960	T0308	DIRB	WBS8B, TM	C	Boron, Total in Water	PE2000	940901	940924	941108	Water	EPA 3010A	50	mL	50		600.	ug/L	U	EPA 6010				1
94/11960	T0308	DIRB	WBS8B, TM	C	Iron, Total in Water	PE2000	940901	940924	941205	Water	EPA 3010A	50	mL	50		10.	ug/L	NU	EPA 6010				1
94/11960	T0308	DIRB	WBS8B, TM	C	Magnesium, Total in Water	PE2000	940901	940924	941208	Water	EPA 3010A	50	mL	50		0.01	mg/L	U	EPA 6010				1
94/11960	T0308	DIRB	WBS8B, TM	C	Silicon, Total in Water	PE2000	940901	940924	941208	Water	EPA 3010A	50	mL	50		20.	ug/L	U	EPA 6010				1
94/11960	T0308	DIRB	WBS8B, TM	C	Copper, Total in Water	PE2000																	

[illegible]

TABLE B-5, ICP TOTAL METALS IN WATER (PAGE 7 OF 8)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amt/Units	Extraction Digestate Volume	Extraction Digestate Vol. Units	Moisture %	Result	Result Units	Lab Qualifier	Sample Analysis Method	Spike Amt/Units	Recovery %	RPD %	Dilution Factor
94/11965	T0255		WBS8B, TM	C	Vanadium, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		10.	ug/L	U	EPA 6010				1
94/11965	T0255		WBS8B, TM	C	Zinc, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		10.	ug/L	U	EPA 6010				1
94/11965	T0255		WBS8B, TM	C	Silver, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		10.	ug/L	U	EPA 6010				1
94/11965	T0255		WBS8B, TM	C	Manganese, Total In Water	PE2000	940902	940924	941205	Water	EPA 3010A	50 mL	50	mL		21.	ug/L	9	EPA 6010				1
94/11966	T0310	DIRB	WBS8B, TM	C	Aluminum, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		50.	ug/L	NU*	EPA 6010				1
94/11966	T0310	DIRB	WBS8B, TM	C	Calcium, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		0.1	mg/L	NU	EPA 6010				1
94/11966	T0310	DIRB	WBS8B, TM	C	Beryllium, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		1.0	ug/L	U	EPA 6010				1
94/11966	T0310	DIRB	WBS8B, TM	C	Barium, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		10.	ug/L	U	EPA 6010				1
94/11966	T0310	DIRB	WBS8B, TM	C	Boron, Total In Water	PE2000	940902	940924	941108	Water	EPA 3010A	50 mL	50	mL		500.	ug/L	U	EPA 6010				1
94/11966	T0310	DIRB	WBS8B, TM	C	Iron, Total In Water	PE2000	940902	940924	941205	Water	EPA 3010A	50 mL	50	mL		20.	ug/L	N	EPA 6010				1
94/11966	T0310	DIRB	WBS8B, TM	C	Magnesium, Total In Water	PE2000	940902	940924	941208	Water	EPA 3010A	50 mL	50	mL		0.01	mg/L	U	EPA 6010				1
94/11966	T0310	DIRB	WBS8B, TM	C	Silicon, Total In Water	PE2000	940902	940924	941208	Water	EPA 3010A	50 mL	50	mL		20.	ug/L	U	EPA 6010				1
94/11966	T0310	DIRB	WBS8B, TM	C	Copper, Total In Water	PE2000	940902	940924	941205	Water	EPA 3010A	50 mL	50	mL		10.	ug/L	U	EPA 6010				1
94/11966	T0310	DIRB	WBS8B, TM	C	Molybdenum, Total In Water	PE2000	940902	940924	941205	Water	EPA 3010A	50 mL	50	mL		20.	ug/L	U	EPA 6010				1
94/11966	T0310	DIRB	WBS8B, TM	C	Vanadium, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		10.	ug/L	U	EPA 6010				1
94/11966	T0310	DIRB	WBS8B, TM	C	Zinc, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		10.	ug/L	U	EPA 6010				1
94/11966	T0310	DIRB	WBS8B, TM	C	Silver, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		10.	ug/L	U	EPA 6010				1
94/11966	T0310	DIRB	WBS8B, TM	C	Manganese, Total In Water	PE2000	940902	940924	941205	Water	EPA 3010A	50 mL	50	mL		50.	ug/L	NU*	EPA 6010				1
94/11967	T0311	DFRB	WBS8B, TM	C	Aluminum, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		0.1	mg/L	NU	EPA 6010				1
94/11967	T0311	DFRB	WBS8B, TM	C	Calcium, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		1.0	ug/L	U	EPA 6010				1
94/11967	T0311	DFRB	WBS8B, TM	C	Beryllium, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		10.	ug/L	U	EPA 6010				1
94/11967	T0311	DFRB	WBS8B, TM	C	Barium, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		500.	ug/L	U	EPA 6010				1
94/11967	T0311	DFRB	WBS8B, TM	C	Boron, Total In Water	PE2000	940902	940924	941108	Water	EPA 3010A	50 mL	50	mL		10.	ug/L	NU	EPA 6010				1
94/11967	T0311	DFRB	WBS8B, TM	C	Iron, Total In Water	PE2000	940902	940924	941205	Water	EPA 3010A	50 mL	50	mL		0.01	mg/L	U	EPA 6010				1
94/11967	T0311	DFRB	WBS8B, TM	C	Magnesium, Total In Water	PE2000	940902	940924	941208	Water	EPA 3010A	50 mL	50	mL		20.	ug/L	U	EPA 6010				1
94/11967	T0311	DFRB	WBS8B, TM	C	Silicon, Total In Water	PE2000	940902	940924	941208	Water	EPA 3010A	50 mL	50	mL		10.	ug/L	U	EPA 6010				1
94/11967	T0311	DFRB	WBS8B, TM	C	Copper, Total In Water	PE2000	940902	940924	941205	Water	EPA 3010A	50 mL	50	mL		20.	ug/L	U	EPA 6010				1
94/11967	T0311	DFRB	WBS8B, TM	C	Molybdenum, Total In Water	PE2000	940902	940924	941205	Water	EPA 3010A	50 mL	50	mL		10.	ug/L	U	EPA 6010				1
94/11967	T0311	DFRB	WBS8B, TM	C	Vanadium, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		10.	ug/L	U	EPA 6010				1
94/11967	T0311	DFRB	WBS8B, TM	C	Zinc, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		10.	ug/L	U	EPA 6010				1
94/11967	T0311	DFRB	WBS8B, TM	C	Silver, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		10.	ug/L	U	EPA 6010				1
94/11967	T0311	DFRB	WBS8B, TM	C	Manganese, Total In Water	PE2000	940902	940924	941205	Water	EPA 3010A	50 mL	50	mL		50.	ug/L	U	EPA 6010				1
94/11968	QMSF	T0255 BKG	WBS8B, TM	C	Aluminum, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		820.	ug/L	N*	EPA 6010	500.	ug/L	164	1
94/11968	QMSF	T0255 BKG	WBS8B, TM	C	Calcium, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		24.0	mg/L	N	EPA 6010	5.	mg/L	65	1
94/11968	QMSF	T0255 BKG	WBS8B, TM	C	Beryllium, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		105.	ug/L	9	EPA 6010	100.	ug/L	105	1
94/11968	QMSF	T0255 BKG	WBS8B, TM	C	Barium, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		590.	ug/L	9	EPA 6010	500.	ug/L	115	1
94/11968	QMSF	T0255 BKG	WBS8B, TM	C	Boron, Total In Water	PE2000	940902	940924	941108	Water	EPA 3010A	50 mL	50	mL		420.	ug/L	9	EPA 6010	500.	ug/L	84	1
94/11968	QMSF	T0255 BKG	WBS8B, TM	C	Iron, Total In Water	PE2000	940902	940924	941205	Water	EPA 3010A	50 mL	50	mL		1900.	ug/L	N	EPA 6010	1250.	mg/L	147	1
94/11968	QMSF	T0255 BKG	WBS8B, TM	C	Magnesium, Total In Water	PE2000	940902	940924	941208	Water	EPA 3010A	50 mL	50	mL		7.6	mg/L	9	EPA 6010	2.5	mg/L	120	1
94/11968	QMSF	T0255 BKG	WBS8B, TM	C	Silicon, Total In Water	PE2000	940902	940924	941208	Water	EPA 3010A	50 mL	50	mL		7000.	ug/L	9	EPA 6010	5000.	ug/L	95	1
94/11968	QMSF	T0255 BKG	WBS8B, TM	C	Copper, Total In Water	PE2000	940902	940924	941205	Water	EPA 3010A	50 mL	50	mL		91.	ug/L	9	EPA 6010	100.	ug/L	91	1
94/11968	QMSF	T0255 BKG	WBS8B, TM	C	Molybdenum, Total In Water	PE2000	940902	940924	941205	Water	EPA 3010A	50 mL	50	mL		99.	ug/L	9	EPA 6010	100.	ug/L	99	1
94/11968	QMSF	T0255 BKG	WBS8B, TM	C	Vanadium, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		92.	ug/L	9	EPA 6010	100.	ug/L	92	1
94/11968	QMSF	T0255 BKG	WBS8B, TM	C	Zinc, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		102.	ug/L	9	EPA 6010	100.	ug/L	102	1
94/11968	QMSF	T0255 BKG	WBS8B, TM	C	Silver, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		104.	ug/L	9	EPA 6010	100.	ug/L	104	1
94/11968	QMSF	T0255 BKG	WBS8B, TM	C	Manganese, Total In Water	PE2000	940902	940924	941205	Water	EPA 3010A	50 mL	50	mL		1300.	ug/L	9	EPA 6010	1250.	ug/L	105	1
94/11968	QMSD	T0255 BKG	WBS8B, TM	C	Aluminum, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		960.	ug/L	N*	EPA 6010	500.	ug/L	192	16.1
94/11968	QMSD	T0255 BKG	WBS8B, TM	C	Calcium, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		24.0	mg/L	N	EPA 6010	5.	mg/L	67	0.4
94/11968	QMSD	T0255 BKG	WBS8B, TM	C	Beryllium, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		97.	ug/L	9	EPA 6010	100.	ug/L	97	7.9
94/11968	QMSD	T0255 BKG	WBS8B, TM	C	Barium, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		550.	ug/L	9	EPA 6010	500.	ug/L	98	6.7
94/11968	QMSD	T0255 BKG	WBS8B, TM	C	Boron, Total In Water	PE2000	940902	940924	941108	Water	EPA 3010A	50 mL	50	mL		390.	ug/L	9	EPA 6010	500.	ug/L	78	7.4
94/11968	QMSD	T0255 BKG	WBS8B, TM	C	Iron, Total In Water	PE2000	940902	940924	941205	Water	EPA 3010A	50 mL	50	mL		1600.	ug/L	N	EPA 6010	1250.	mg/L	119	20.1
94/11968	QMSD	T0255 BKG	WBS8B, TM	C	Magnesium, Total In Water	PE2000	940902	940924	941208	Water	EPA 3010A	50 mL	50	mL		7.5	mg/L	9	EPA 6010	2.5	mg/L	116	1.3
94/11968	QMSD	T0255 BKG	WBS8B, TM	C	Silicon, Total In Water	PE2000	940902	940924	941208	Water	EPA 3010A	50 mL	50	mL		6700.	ug/L	9	EPA 6010	5000.	ug/L	89	4.3
94/11968	QMSD	T0255 BKG	WBS8B, TM	C	Copper, Total In Water	PE2000	940902	940924	941205	Water	EPA 3010A	50 mL	50	mL		84.0	ug/L	9	EPA 6010	100.	ug/L	84	8.0
94/11968	QMSD	T0255 BKG	WBS8B, TM	C	Molybdenum, Total In Water	PE2000	940902	940924	941205	Water	EPA 3010A	50 mL	50	mL		88.	ug/L	9	EPA 6010	100.	ug/L	88	12.1
94/11968	QMSD	T0255 BKG	WBS8B, TM	C	Vanadium, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		84.	ug/L	9	EPA 6010	100.	ug/L	84	9.1
94/11968	QMSD	T0255 BKG	WBS8B, TM	C	Zinc, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		93.	ug/L	9	EPA 6010	100.	ug/L	93	9.2
94/11968	QMSD	T0255 BKG	WBS8B, TM	C	Silver, Total In Water	PE2000	940902	940924	941102	Water	EPA 3010A	50 mL	50	mL		95.	ug/L	9	EPA 6010	100.	ug/L	95	9.0
94/11968	QMSD	T0255 BKG	WBS8B, TM	C	Manganese, Total In Water	PE2000	940902	940924	941205	Water	EPA 3010A	50 mL	50	mL		13							

TABLE B-5, ICP TOTAL METALS IN WATER (PAGE 8 OF 8)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amt/Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Lab Qualifier	Sample Analysis Method	Spike Amt/Units	Recovery %	RPD %	Dilution Factor
94/11970	QLCS		WBS8B, TM	C	Silicon, Total in Water	PE2000	940902	940924	941208	Water	EPA 3010A	50	mL	50	mL	1100.	ug/L	9	EPA 6010	1000.	114	-	1
94/11970	QLCS		WBS8B, TM	C	Copper, Total in Water	PE2000	940902	940924	941205	Water	EPA 3010A	50	mL	50	mL	960.	ug/L	9	EPA 6010	1000.	95	-	1
94/11970	QLCS		WBS8B, TM	C	Molybdenum, Total in Water	PE2000	940902	940924	941205	Water	EPA 3010A	50	mL	50	mL	1100.	ug/L	9	EPA 6010	1000.	110	-	1
94/11970	QLCS		WBS8B, TM	C	Vanadium, Total in Water	PE2000	940902	940924	941102	Water	EPA 3010A	50	mL	50	mL	1000.	ug/L	9	EPA 6010	1000.	102	-	1
94/11970	QLCS		WBS8B, TM	C	Zinc, Total in Water	PE2000	940902	940924	941102	Water	EPA 3010A	50	mL	50	mL	1000.	ug/L	9	EPA 6010	1000.	101	-	1
94/11970	QLCS		WBS8B, TM	C	Silver, Total in Water	PE2000	940902	940924	941102	Water	EPA 3010A	50	mL	50	mL	1000.	ug/L	9	EPA 6010	1000.	102	-	1
94/11970	QLCS		WBS8B, TM	C	Manganese, Total in Water	PE2000	940902	940924	941205	Water	EPA 3010A	50	mL	50	mL	1000.	ug/L	9	EPA 6010	1000.	100	-	1
94/11971	QMTB		WBS8B, TM	C	Aluminum, Total in Water	PE2000	940902	940924	941102	Water	EPA 3010A	50	mL	50	mL	50.	ug/L	NU*	EPA 6010	-	-	-	1
94/11971	QMTB		WBS8B, TM	C	Calcium, Total in Water	PE2000	940902	940924	941102	Water	EPA 3010A	50	mL	50	mL	0.1	mg/L	NU	EPA 6010	-	-	-	1
94/11971	QMTB		WBS8B, TM	C	Beryllium, Total in Water	PE2000	940902	940924	941102	Water	EPA 3010A	50	mL	50	mL	1.	ug/L	U	EPA 6010	-	-	-	1
94/11971	QMTB		WBS8B, TM	C	Barium, Total in Water	PE2000	940902	940924	941102	Water	EPA 3010A	50	mL	50	mL	10.	ug/L	U	EPA 6010	-	-	-	1
94/11971	QMTB		WBS8B, TM	C	Boron, Total in Water	PE2000	940902	940924	941108	Water	EPA 3010A	50	mL	50	mL	500.	ug/L	U	EPA 6010	-	-	-	1
94/11971	QMTB		WBS8B, TM	C	Iron, Total in Water	PE2000	940902	940924	941205	Water	EPA 3010A	50	mL	50	mL	10.	ug/L	NU	EPA 6010	-	-	-	1
94/11971	QMTB		WBS8B, TM	C	Magnesium, Total in Water	PE2000	940902	940924	941208	Water	EPA 3010A	50	mL	50	mL	0.01	mg/L	U	EPA 6010	-	-	-	1
94/11971	QMTB		WBS8B, TM	C	Silicon, Total in Water	PE2000	940902	940924	941208	Water	EPA 3010A	50	mL	50	mL	20.	ug/L	U	EPA 6010	-	-	-	1
94/11971	QMTB		WBS8B, TM	C	Copper, Total in Water	PE2000	940902	940924	941205	Water	EPA 3010A	50	mL	50	mL	10.	ug/L	U	EPA 6010	-	-	-	1
94/11971	QMTB		WBS8B, TM	C	Molybdenum, Total in Water	PE2000	940902	940924	941205	Water	EPA 3010A	50	mL	50	mL	20.	ug/L	U	EPA 6010	-	-	-	1
94/11971	QMTB		WBS8B, TM	C	Vanadium, Total in Water	PE2000	940902	940924	941102	Water	EPA 3010A	50	mL	50	mL	10.	ug/L	U	EPA 6010	-	-	-	1
94/11971	QMTB		WBS8B, TM	C	Zinc, Total in Water	PE2000	940902	940924	941102	Water	EPA 3010A	50	mL	50	mL	10.	ug/L	U	EPA 6010	-	-	-	1
94/11971	QMTB		WBS8B, TM	C	Silver, Total in Water	PE2000	940902	940924	941205	Water	EPA 3010A	50	mL	50	mL	10.	ug/L	U	EPA 6010	-	-	-	1
94/11971	QMTB		WBS8B, TM	C	Manganese, Total in Water	PE2000	940902	940924	941205	Water	EPA 3010A	50	mL	50	mL	6.0	ug/L	U	EPA 6010	-	-	-	1
94/12029	T0288		WBS8B, TM	C	Aluminum, Total in Water	PE2000	940902	940924	941102	Water	EPA 3010A	50	mL	50	mL	50.	ug/L	NU*	EPA 6010	-	-	-	1
94/12029	T0288		WBS8B, TM	C	Calcium, Total in Water	PE2000	940902	940924	941102	Water	EPA 3010A	50	mL	50	mL	0.1	mg/L	NU	EPA 6010	-	-	-	1
94/12029	T0288		WBS8B, TM	C	Beryllium, Total in Water	PE2000	940902	940924	941102	Water	EPA 3010A	50	mL	50	mL	1.0	ug/L	U	EPA 6010	-	-	-	1
94/12029	T0288		WBS8B, TM	C	Barium, Total in Water	PE2000	940902	940924	941102	Water	EPA 3010A	50	mL	50	mL	10.	ug/L	U	EPA 6010	-	-	-	1
94/12029	T0288		WBS8B, TM	C	Boron, Total in Water	PE2000	940902	940924	941108	Water	EPA 3010A	50	mL	50	mL	500.	ug/L	U	EPA 6010	-	-	-	1
94/12029	T0288		WBS8B, TM	C	Iron, Total in Water	PE2000	940902	940924	941205	Water	EPA 3010A	50	mL	50	mL	10.	ug/L	N	EPA 6010	-	-	-	1
94/12029	T0288		WBS8B, TM	C	Magnesium, Total in Water	PE2000	940902	940924	941208	Water	EPA 3010A	50	mL	50	mL	0.01	mg/L	U	EPA 6010	-	-	-	1
94/12029	T0288		WBS8B, TM	C	Silicon, Total in Water	PE2000	940902	940924	941208	Water	EPA 3010A	50	mL	50	mL	160.	ug/L	9	EPA 6010	-	-	-	1
94/12029	T0288		WBS8B, TM	C	Copper, Total in Water	PE2000	940902	940924	941205	Water	EPA 3010A	50	mL	50	mL	10.	ug/L	U	EPA 6010	-	-	-	1
94/12029	T0288		WBS8B, TM	C	Molybdenum, Total in Water	PE2000	940902	940924	941205	Water	EPA 3010A	50	mL	50	mL	20.	ug/L	U	EPA 6010	-	-	-	1
94/12029	T0288		WBS8B, TM	C	Vanadium, Total in Water	PE2000	940902	940924	941102	Water	EPA 3010A	50	mL	50	mL	10.	ug/L	U	EPA 6010	-	-	-	1
94/12029	T0288		WBS8B, TM	C	Zinc, Total in Water	PE2000	940902	940924	941102	Water	EPA 3010A	50	mL	50	mL	10.	ug/L	U	EPA 6010	-	-	-	1
94/12029	T0288		WBS8B, TM	C	Silver, Total in Water	PE2000	940902	940924	941102	Water	EPA 3010A	50	mL	50	mL	10.	ug/L	U	EPA 6010	-	-	-	1

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Lab Qualifier	Sample Analysis Method	Spike Amount	Bkg	Recovery %	RPD %	Dilution Factor
94/11485	T0013	.	WBS8A, DM	C	Selenium, Dissolved in Water	PE-A	940824	940909	941008	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7421	.	.	.	.	1
94/11485	T0013	.	WBS8A, DM	C	Cadmium, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	0.1	ug/L	U	EPA 7060	.	.	.	.	1
94/11485	T0013	.	WBS8A, DM	C	Lead, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7041	.	.	.	.	1
94/11485	T0013	.	WBS8A, DM	C	Arsenic, Dissolved in Water	PE-A	940824	940909	941008	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7841	.	.	.	.	1
94/11485	T0013	.	WBS8A, DM	C	Antimony, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7191	.	.	.	.	1
94/11485	T0013	.	WBS8A, DM	C	Thallium, Dissolved in Water	PE-B	940824	940909	940930	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7740	.	.	.	.	1
94/11485	T0013	.	WBS8A, DM	C	Chromium, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	5.	ug/L	9	EPA 7131	.	.	.	.	1
94/11485	T0013	.	WBS8A, DM	C	Cobalt, Dissolved in Water	PE-B	940824	940909	940930	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7201	.	.	.	.	1
94/11485	T0013	.	WBS8A, DM	C	Nickel, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 249.2	.	.	.	.	1
94/11486	T0264	FR	WBS8A, DM	C	Selenium, Dissolved in Water	PE-A	940824	940909	941008	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7421	.	.	.	.	1
94/11486	T0264	FR	WBS8A, DM	C	Cadmium, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	0.1	ug/L	U	EPA 7060	.	.	.	.	1
94/11486	T0264	FR	WBS8A, DM	C	Lead, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7041	.	.	.	.	1
94/11486	T0264	FR	WBS8A, DM	C	Arsenic, Dissolved in Water	PE-A	940824	940909	941008	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7841	.	.	.	.	1
94/11486	T0264	FR	WBS8A, DM	C	Antimony, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7191	.	.	.	.	1
94/11486	T0264	FR	WBS8A, DM	C	Thallium, Dissolved in Water	PE-B	940824	940909	940930	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7740	.	.	.	.	1
94/11486	T0264	FR	WBS8A, DM	C	Chromium, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	7.	ug/L	9	EPA 7131	.	.	.	.	1
94/11486	T0264	FR	WBS8A, DM	C	Cobalt, Dissolved in Water	PE-B	940824	940909	940930	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7201	.	.	.	.	1
94/11486	T0264	FR	WBS8A, DM	C	Nickel, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 249.2	.	.	.	.	1
94/11487	T0023	.	WBS8A, DM	C	Selenium, Dissolved in Water	PE-A	940824	940909	941008	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7421	.	.	.	.	1
94/11487	T0023	.	WBS8A, DM	C	Cadmium, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	0.1	ug/L	U	EPA 7060	.	.	.	.	1
94/11487	T0023	.	WBS8A, DM	C	Lead, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7041	.	.	.	.	1
94/11487	T0023	.	WBS8A, DM	C	Arsenic, Dissolved in Water	PE-A	940824	940909	941008	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7841	.	.	.	.	1
94/11487	T0023	.	WBS8A, DM	C	Antimony, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7191	.	.	.	.	1
94/11487	T0023	.	WBS8A, DM	C	Thallium, Dissolved in Water	PE-B	940824	940909	940930	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7740	.	.	.	.	1
94/11487	T0023	.	WBS8A, DM	C	Chromium, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	5.	ug/L	9	EPA 7131	.	.	.	.	1
94/11487	T0023	.	WBS8A, DM	C	Cobalt, Dissolved in Water	PE-B	940824	940909	940930	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7201	.	.	.	.	1
94/11487	T0023	.	WBS8A, DM	C	Nickel, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 249.2	.	.	.	.	1
94/11488	T0274	FRB	WBS8A, DM	C	Selenium, Dissolved in Water	PE-A	940824	940909	941008	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7421	.	.	.	.	1
94/11488	T0274	FRB	WBS8A, DM	C	Cadmium, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	0.1	ug/L	9	EPA 7060	.	.	.	.	1
94/11488	T0274	FRB	WBS8A, DM	C	Lead, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7041	.	.	.	.	1
94/11488	T0274	FRB	WBS8A, DM	C	Arsenic, Dissolved in Water	PE-A	940824	940909	941008	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7841	.	.	.	.	1
94/11488	T0274	FRB	WBS8A, DM	C	Antimony, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7191	.	.	.	.	1
94/11488	T0274	FRB	WBS8A, DM	C	Thallium, Dissolved in Water	PE-B	940824	940909	940930	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7740	.	.	.	.	1
94/11488	T0274	FRB	WBS8A, DM	C	Chromium, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7131	.	.	.	.	1
94/11488	T0274	FRB	WBS8A, DM	C	Cobalt, Dissolved in Water	PE-B	940824	940909	940930	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7201	.	.	.	.	1
94/11488	T0274	FRB	WBS8A, DM	C	Nickel, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 249.2	.	.	.	.	1
94/11489	T0033	.	WBS8A, DM	C	Selenium, Dissolved in Water	PE-A	940824	940909	941008	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7421	.	.	.	.	1
94/11489	T0033	.	WBS8A, DM	C	Cadmium, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	0.1	ug/L	U	EPA 7060	.	.	.	.	1
94/11489	T0033	.	WBS8A, DM	C	Lead, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7041	.	.	.	.	1
94/11489	T0033	.	WBS8A, DM	C	Arsenic, Dissolved in Water	PE-A	940824	940909	941008	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7841	.	.	.	.	1
94/11489	T0033	.	WBS8A, DM	C	Antimony, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	4.	ug/L	9	EPA 7191	.	.	.	.	1
94/11489	T0033	.	WBS8A, DM	C	Thallium, Dissolved in Water	PE-B	940824	940909	940930	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7740	.	.	.	.	1
94/11489	T0033	.	WBS8A, DM	C	Chromium, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	1.	ug/L	9	EPA 7131	.	.	.	.	1
94/11489	T0033	.	WBS8A, DM	C	Cobalt, Dissolved in Water	PE-B	940824	940909	940930	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7201	.	.	.	.	1
94/11489	T0033	.	WBS8A, DM	C	Nickel, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 249.2	.	.	.	.	1
94/11490	T0043	.	WBS8A, DM	C	Selenium, Dissolved in Water	PE-A	940824	940909	941008	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7421	.	.	.	.	1
94/11490	T0043	.	WBS8A, DM	C	Cadmium, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	0.1	ug/L	U	EPA 7060	.	.	.	.	1
94/11490	T0043	.	WBS8A, DM	C	Lead, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7041	.	.	.	.	1
94/11490	T0043	.	WBS8A, DM	C	Arsenic, Dissolved in Water	PE-A	940824	940909	941008	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7841	.	.	.	.	1
94/11490	T0043	.	WBS8A, DM	C	Antimony, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	2.	ug/L	9	EPA 7191	.	.	.	.	1
94/11490	T0043	.	WBS8A, DM	C	Thallium, Dissolved in Water	PE-B	940824	940909	940930	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7740	.	.	.	.	1
94/11490	T0043	.	WBS8A, DM	C	Chromium, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7131	.	.	.	.	1
94/11490	T0043	.	WBS8A, DM	C	Cobalt, Dissolved in Water	PE-B	940824	940909	940930	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7201	.	.	.	.	1
94/11490	T0043	.	WBS8A, DM	C	Nickel, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 249.2	.	.	.	.	1
94/11491	T0053	.	WBS8A, DM	C	Selenium, Dissolved in Water	PE-A	940824	940909	941008	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7421	.	.	.	.	1
94/11491	T0053	.	WBS8A, DM	C	Cadmium, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	0.1	ug/L	U	EPA 7060	.	.	.	.	1
94/11491	T0053	.	WBS8A, DM	C	Lead, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7041	.	.	.	.	1
94/11491	T0053	.	WBS8A, DM	C	Arsenic, Dissolved in Water	PE-A	940824	940909	941008	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7841	.	.	.	.	1
94/11491	T0053	.	WBS8A, DM	C	Antimony, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7191	.	.	.	.	1
94/11491	T0053	.	WBS8A, DM	C	Thallium, Dissolved in Water	PE-B	940824	940909	940930	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7740	.	.	.	.	1
94/11491	T0053	.	WBS8A, DM	C	Chromium, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	1.	ug/L	9	EPA 7131	.	.	.	.	1
94/11491	T0053	.	WBS8A, DM	C	Cobalt, Dissolved in Water	PE-B	940824	940909	940930	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7201	.	.	.	.	1
94/11491	T0053	.	WBS8A, DM	C	Nickel, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 249.2	.	.	.	.	1
94/11492	T0063	.	WBS8A, DM	C	Selenium, Dissolved in Water	PE-A	940824	940909	941008	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7421	.	.	.	.	1
94/11492	T0063	.	WBS8A, DM	C	Cadmium, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	0.1	ug/L	U	EPA 7060	.	.	.	.	1
94/11492	T0063	.	WBS8A, DM	C	Lead, Dissolved in Water	PE-B	940824	940909	940929	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7041	.	.	.	.	1
94/11492	T0063	.	WBS8A, DM	C	Arsenic, Dissolved in Water	PE-A	940824	940909	941008	Water	.	.	.	.	.	.	1.	ug/L	U	EPA 7841	.	.	.	.	1

TABLE B-6, GFAA DISSOLVED METALS IN WATER (PAGE 2 OF 4)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Lab Qualifier	Sample Analysis Method	Spike Amount	Bkg.	Recovery %	RPD %	Dilution Factor	
94/11492	T0063		WBS8A, DM	C	Antimony, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	U	EPA 7191					1	
94/11492	T0063		WBS8A, DM	C	Thallium, Dissolved in Water	PE-B	940824	940909	940930	Water							1.	ug/L	U	EPA 7740					1	
94/11492	T0063		WBS8A, DM	C	Chromium, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	U	EPA 7131					1	
94/11492	T0063		WBS8A, DM	C	Cobalt, Dissolved in Water	PE-B	940824	940909	940930	Water							1.	ug/L	U	EPA 7201					1	
94/11492	T0063		WBS8A, DM	C	Nickel, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	U	EPA 249.2					1	
94/11493	QMSP	T0063 BKG	WBS8A, DM	C	Selenium, Dissolved in Water	PE-A	940824	940909	941008	Water							24.	ug/L	U	EPA 7421	28.0	ug/L	0	96	1	
94/11493	QMSP	T0063 BKG	WBS8A, DM	C	Cadmium, Dissolved in Water	PE-B	940824	940909	940929	Water							0.8	ug/L	U	EPA 7060	1.0	ug/L	0	80	1	
94/11493	QMSP	T0063 BKG	WBS8A, DM	C	Lead, Dissolved in Water	PE-B	940824	940909	940929	Water							9.	ug/L	U	EPA 7041	10.0	ug/L	0	90	1	
94/11493	QMSP	T0063 BKG	WBS8A, DM	C	Arsenic, Dissolved in Water	PE-A	940824	940909	941008	Water							27.	ug/L	U	EPA 7841	25.0	ug/L	0	109	1	
94/11493	QMSP	T0063 BKG	WBS8A, DM	C	Antimony, Dissolved in Water	PE-B	940824	940909	940929	Water							9.	ug/L	U	EPA 7191	10.0	ug/L	0	90	1	
94/11493	QMSP	T0063 BKG	WBS8A, DM	C	Thallium, Dissolved in Water	PE-B	940824	940909	940930	Water							9.	ug/L	U	EPA 7740	10.0	ug/L	0	91	1	
94/11493	QMSP	T0063 BKG	WBS8A, DM	C	Chromium, Dissolved in Water	PE-B	940824	940909	940929	Water							12.	ug/L	U	EPA 7131	10.0	ug/L	0	107	1	
94/11493	QMSP	T0063 BKG	WBS8A, DM	C	Cobalt, Dissolved in Water	PE-B	940824	940909	940929	Water							8.	ug/L	U	EPA 7201	10.0	ug/L	0	83	1	
94/11493	QMSP	T0063 BKG	WBS8A, DM	C	Nickel, Dissolved in Water	PE-B	940824	940909	940929	Water							8.	ug/L	U	EPA 249.2	10.0	ug/L	0	85	1	
94/11494	QMSP	T0063 BKG	WBS8A, DM	C	Selenium, Dissolved in Water	PE-A	940824	940909	941008	Water							24.	ug/L	U	EPA 7421	25.0	ug/L	0	96	0.0	1
94/11494	QMSP	T0063 BKG	WBS8A, DM	C	Cadmium, Dissolved in Water	PE-B	940824	940909	940929	Water							0.9	ug/L	U	EPA 7060	1.0	ug/L	0	90	12.1	1
94/11494	QMSP	T0063 BKG	WBS8A, DM	C	Lead, Dissolved in Water	PE-B	940824	940909	940929	Water							8.	ug/L	U	EPA 7041	10.0	ug/L	0	85	5.7	1
94/11494	QMSP	T0063 BKG	WBS8A, DM	C	Arsenic, Dissolved in Water	PE-A	940824	940909	941008	Water							26.	ug/L	U	EPA 7841	25.0	ug/L	0	103	6.0	1
94/11494	QMSP	T0063 BKG	WBS8A, DM	C	Antimony, Dissolved in Water	PE-B	940824	940909	940929	Water							11.	ug/L	U	EPA 7191	10.0	ug/L	0	106	16.1	1
94/11494	QMSP	T0063 BKG	WBS8A, DM	C	Thallium, Dissolved in Water	PE-B	940824	940909	940930	Water							9.	ug/L	U	EPA 7740	10.0	ug/L	0	88	3.4	1
94/11494	QMSP	T0063 BKG	WBS8A, DM	C	Chromium, Dissolved in Water	PE-B	940824	940909	940929	Water							11.	ug/L	U	EPA 7131	10.0	ug/L	0	102	4.4	1
94/11494	QMSP	T0063 BKG	WBS8A, DM	C	Cobalt, Dissolved in Water	PE-B	940824	940909	940930	Water							9.	ug/L	U	EPA 7201	10.0	ug/L	0	88	5.8	1
94/11494	QMSP	T0063 BKG	WBS8A, DM	C	Nickel, Dissolved in Water	PE-B	940824	940909	940929	Water							8.	ug/L	U	EPA 249.2	10.0	ug/L	0	75	12.1	1
94/11495	QLSC		WBS8A, DM	C	Selenium, Dissolved in Water	PE-A	940824	940909	941008	Water							63.	ug/L	U	EPA 7421	50.0	ug/L	0	106		1
94/11495	QLSC		WBS8A, DM	C	Cadmium, Dissolved in Water	PE-B	940824	940909	940929	Water							4.9	ug/L	U	EPA 7060	5.0	ug/L	0	98		1
94/11495	QLSC		WBS8A, DM	C	Lead, Dissolved in Water	PE-B	940824	940909	940929	Water							45.	ug/L	U	EPA 7041	50.0	ug/L	0	89		1
94/11495	QLSC		WBS8A, DM	C	Arsenic, Dissolved in Water	PE-A	940824	940909	941008	Water							64.	ug/L	U	EPA 7841	50.0	ug/L	0	109		1
94/11495	QLSC		WBS8A, DM	C	Antimony, Dissolved in Water	PE-B	940824	940909	940929	Water							100.	ug/L	U	EPA 7191	100.0	ug/L	0	100		1
94/11495	QLSC		WBS8A, DM	C	Thallium, Dissolved in Water	PE-B	940824	940909	940930	Water							61.	ug/L	U	EPA 7740	50.0	ug/L	0	103		1
94/11495	QLSC		WBS8A, DM	C	Chromium, Dissolved in Water	PE-B	940824	940909	940929	Water							48.	ug/L	U	EPA 7131	50.0	ug/L	0	99		1
94/11495	QLSC		WBS8A, DM	C	Cobalt, Dissolved in Water	PE-B	940824	940909	940930	Water							48.	ug/L	U	EPA 7201	50.0	ug/L	0	97		1
94/11495	QLSC		WBS8A, DM	C	Nickel, Dissolved in Water	PE-B	940824	940909	940929	Water							29.	ug/L	U	EPA 249.2	30.0	ug/L	0	95		1
94/11496	QMTB		WBS8A, DM	C	Selenium, Dissolved in Water	PE-A	940824	940909	941008	Water							1.	ug/L	U	EPA 7421						1
94/11496	QMTB		WBS8A, DM	C	Cadmium, Dissolved in Water	PE-B	940824	940909	940929	Water							0.1	ug/L	U	EPA 7060						1
94/11496	QMTB		WBS8A, DM	C	Lead, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	U	EPA 7041						1
94/11496	QMTB		WBS8A, DM	C	Arsenic, Dissolved in Water	PE-A	940824	940909	941008	Water							1.	ug/L	U	EPA 7841						1
94/11496	QMTB		WBS8A, DM	C	Antimony, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	U	EPA 7191						1
94/11496	QMTB		WBS8A, DM	C	Thallium, Dissolved in Water	PE-B	940824	940909	940930	Water							1.	ug/L	U	EPA 7740						1
94/11496	QMTB		WBS8A, DM	C	Chromium, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	U	EPA 7131						1
94/11496	QMTB		WBS8A, DM	C	Cobalt, Dissolved in Water	PE-B	940824	940909	940930	Water							1.	ug/L	U	EPA 7201						1
94/11496	QMTB		WBS8A, DM	C	Nickel, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	U	EPA 249.2						1
94/11497	T0073		WBS8B, DM	C	Selenium, Dissolved in Water	PE-A	940824	940909	941008	Water							1.	ug/L	U	EPA 7421						1
94/11497	T0073		WBS8B, DM	C	Cadmium, Dissolved in Water	PE-B	940824	940909	940929	Water							0.1	ug/L	U	EPA 7060						1
94/11497	T0073		WBS8B, DM	C	Lead, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	U	EPA 7041						1
94/11497	T0073		WBS8B, DM	C	Arsenic, Dissolved in Water	PE-A	940824	940909	941008	Water							1.	ug/L	U	EPA 7841						1
94/11497	T0073		WBS8B, DM	C	Antimony, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	U	EPA 7191						1
94/11497	T0073		WBS8B, DM	C	Thallium, Dissolved in Water	PE-B	940824	940909	940930	Water							1.	ug/L	U	EPA 7740						1
94/11497	T0073		WBS8B, DM	C	Chromium, Dissolved in Water	PE-B	940824	940909	940929	Water							2.	ug/L	U	EPA 7131						1
94/11497	T0073		WBS8B, DM	C	Cobalt, Dissolved in Water	PE-B	940824	940909	940930	Water							1.	ug/L	U	EPA 7201						1
94/11497	T0073		WBS8B, DM	C	Nickel, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	U	EPA 249.2						1
94/11497	T0291		WBS8B, DM	C	Selenium, Dissolved in Water	PE-A	940824	940909	941008	Water							1.	ug/L	U	EPA 7421						1
94/11497	T0291		WBS8B, DM	C	Cadmium, Dissolved in Water	PE-B	940824	940909	940929	Water							0.1	ug/L	U	EPA 7060						1
94/11497	T0291		WBS8B, DM	C	Lead, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	U	EPA 7041						1
94/11497	T0291		WBS8B, DM	C	Arsenic, Dissolved in Water	PE-A	940824	940909	941008	Water							1.	ug/L	U	EPA 7841						1
94/11497	T0291		WBS8B, DM	C	Antimony, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	U	EPA 7191						1
94/11497	T0291		WBS8B, DM	C	Thallium, Dissolved in Water	PE-B	940824	940909	940930	Water							1.	ug/L	U	EPA 7740						1
94/11497	T0291		WBS8B, DM	C	Chromium, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	U	EPA 7131						1
94/11497	T0291		WBS8B, DM	C	Cobalt, Dissolved in Water	PE-B	940824	940909	940930	Water							1.	ug/L	U	EPA 7201						1
94/11497	T0291		WBS8B, DM	C	Nickel, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	U	EPA 249.2						1
94/11497	T0083		WBS8B, DM	C	Selenium, Dissolved in Water	PE-A	940824	940909	941008	Water							1.	ug/L	U	EPA 7421						1
94/11497	T0083		WBS8B, DM	C	Cadmium, Dissolved in Water	PE-B	940824	940909	940929	Water							0.1	ug/L	U	EPA 7060						1
94/11497	T0083		WBS8B, DM	C	Lead, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	U	EPA 7041						1
94/11497	T0083		WBS8B, DM	C	Arsenic, Dissolved in Water	PE-A	940824	940909	941008	Water							1.	ug/L	U	EPA 7841						1
94/																										

TABLE B-6, GFAA DISSOLVED METALS IN WATER (PAGE 3 OF 4)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Lab Qualifier	Sample Analysis Method	Spike Amount	Bkg.	Recovery %	RPD %	Dilution Factor	
94/11974	T0083		WBS8B, DM	C	Nickel, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	U*	EPA 249.2					1	
94/11975	T0301	FRB	WBS8B, DM	C	Selenium, Dissolved in Water	PE-A	940824	940909	941008	Water							1.	ug/L	U	EPA 7421					1	
94/11975	T0301	FRB	WBS8B, DM	C	Cadmium, Dissolved in Water	PE-B	940824	940909	940929	Water							0.1	ug/L	U	EPA 7060					1	
94/11975	T0301	FRB	WBS8B, DM	C	Lead, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	U	EPA 7041					1	
94/11975	T0301	FRB	WBS8B, DM	C	Arsenic, Dissolved in Water	PE-A	940824	940909	941008	Water							1.	ug/L	U	EPA 7841					1	
94/11975	T0301	FRB	WBS8B, DM	C	Antimony, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	U	EPA 7191					1	
94/11975	T0301	FRB	WBS8B, DM	C	Thallium, Dissolved in Water	PE-B	940824	940909	940930	Water							1.	ug/L	U	EPA 7740					1	
94/11975	T0301	FRB	WBS8B, DM	C	Chromium, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	NU	EPA 7131					1	
94/11975	T0301	FRB	WBS8B, DM	C	Cobalt, Dissolved in Water	PE-B	940824	940909	940930	Water							1.	ug/L	U	EPA 7201					1	
94/11975	T0301	FRB	WBS8B, DM	C	Nickel, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	U*	EPA 249.2					1	
94/11976	T0233		WBS8B, DM	C	Selenium, Dissolved in Water	PE-A	940824	940909	941008	Water							1.	ug/L	U	EPA 7421					1	
94/11976	T0233		WBS8B, DM	C	Cadmium, Dissolved in Water	PE-B	940824	940909	940929	Water							0.1	ug/L	U	EPA 7060					1	
94/11976	T0233		WBS8B, DM	C	Lead, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	U	EPA 7041					1	
94/11976	T0233		WBS8B, DM	C	Arsenic, Dissolved in Water	PE-A	940824	940909	941008	Water							1.	ug/L	U	EPA 7841					1	
94/11976	T0233		WBS8B, DM	C	Antimony, Dissolved in Water	PE-B	940824	940909	940929	Water							6.	ug/L	9	EPA 7191					1	
94/11976	T0233		WBS8B, DM	C	Thallium, Dissolved in Water	PE-B	940824	940909	940930	Water							1.	ug/L	U	EPA 7740					1	
94/11976	T0233		WBS8B, DM	C	Chromium, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	N	EPA 7131					1	
94/11976	T0233		WBS8B, DM	C	Cobalt, Dissolved in Water	PE-B	940824	940909	940930	Water							1.	ug/L	U	EPA 7201					1	
94/11976	T0233		WBS8B, DM	C	Nickel, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	U*	EPA 249.2					1	
94/11977	T0243		WBS8B, DM	C	Selenium, Dissolved in Water	PE-A	940824	940909	941008	Water							1.	ug/L	U	EPA 7421					1	
94/11977	T0243		WBS8B, DM	C	Cadmium, Dissolved in Water	PE-B	940824	940909	940929	Water							0.1	ug/L	9	EPA 7060					1	
94/11977	T0243		WBS8B, DM	C	Lead, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	U	EPA 7041					1	
94/11977	T0243		WBS8B, DM	C	Arsenic, Dissolved in Water	PE-A	940824	940909	941008	Water							1.	ug/L	U	EPA 7841					1	
94/11977	T0243		WBS8B, DM	C	Antimony, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	U	EPA 7191					1	
94/11977	T0243		WBS8B, DM	C	Thallium, Dissolved in Water	PE-B	940824	940909	940930	Water							1.	ug/L	U	EPA 7740					1	
94/11977	T0243		WBS8B, DM	C	Chromium, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	NU	EPA 7131					1	
94/11977	T0243		WBS8B, DM	C	Cobalt, Dissolved in Water	PE-B	940824	940909	940930	Water							1.	ug/L	U	EPA 7201					1	
94/11977	T0243		WBS8B, DM	C	Nickel, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	U	EPA 249.2					1	
94/11978	T0193		WBS8B, DM	C	Selenium, Dissolved in Water	PE-A	940824	940909	941008	Water							1.	ug/L	U	EPA 7421					1	
94/11978	T0193		WBS8B, DM	C	Cadmium, Dissolved in Water	PE-B	940824	940909	940929	Water							0.1	ug/L	U	EPA 7060					1	
94/11978	T0193		WBS8B, DM	C	Lead, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	U	EPA 7041					1	
94/11978	T0193		WBS8B, DM	C	Arsenic, Dissolved in Water	PE-A	940824	940909	941008	Water							1.	ug/L	U	EPA 7841					1	
94/11978	T0193		WBS8B, DM	C	Antimony, Dissolved in Water	PE-B	940824	940909	940929	Water							2.	ug/L	9	EPA 7191					1	
94/11978	T0193		WBS8B, DM	C	Thallium, Dissolved in Water	PE-B	940824	940909	940930	Water							1.	ug/L	U	EPA 7740					1	
94/11978	T0193		WBS8B, DM	C	Chromium, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	NU	EPA 7131					1	
94/11978	T0193		WBS8B, DM	C	Cobalt, Dissolved in Water	PE-B	940824	940909	940930	Water							1.	ug/L	U	EPA 7201					1	
94/11978	T0193		WBS8B, DM	C	Nickel, Dissolved in Water	PE-B	940824	940909	940929	Water							7.	ug/L	U	EPA 249.2					1	
94/11979	T0253		WBS8B, DM	C	Selenium, Dissolved in Water	PE-A	940824	940909	941008	Water							1.	ug/L	U	EPA 7421					1	
94/11979	T0253		WBS8B, DM	C	Cadmium, Dissolved in Water	PE-B	940824	940909	940929	Water							0.1	ug/L	U	EPA 7060					1	
94/11979	T0253		WBS8B, DM	C	Lead, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	U	EPA 7041					1	
94/11979	T0253		WBS8B, DM	C	Arsenic, Dissolved in Water	PE-A	940824	940909	941008	Water							1.	ug/L	U	EPA 7841					1	
94/11979	T0253		WBS8B, DM	C	Antimony, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	U	EPA 7191					1	
94/11979	T0253		WBS8B, DM	C	Thallium, Dissolved in Water	PE-B	940824	940909	940930	Water							1.	ug/L	U	EPA 7740					1	
94/11979	T0253		WBS8B, DM	C	Chromium, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	NU	EPA 7131					1	
94/11979	T0253		WBS8B, DM	C	Cobalt, Dissolved in Water	PE-B	940824	940909	940930	Water							1.	ug/L	U	EPA 7201					1	
94/11979	T0253		WBS8B, DM	C	Nickel, Dissolved in Water	PE-B	940824	940909	940929	Water							1.	ug/L	U*	EPA 249.2					1	
94/11980	QMSP	T0253 BKG	WBS8B, DM	C	Selenium, Dissolved in Water	PE-A	940824	940909	941008	Water							27.	ug/L	9	EPA 7421	25.0	ug/L	0	107	1	
94/11980	QMSP	T0253 BKG	WBS8B, DM	C	Cadmium, Dissolved in Water	PE-B	940824	940909	940929	Water							1.0	ug/L	9	EPA 7060	1.0	ug/L	0	100	1	
94/11980	QMSP	T0253 BKG	WBS8B, DM	C	Lead, Dissolved in Water	PE-B	940824	940909	940929	Water							10.	ug/L	9	EPA 7041	10.0	ug/L	0	104	1	
94/11980	QMSP	T0253 BKG	WBS8B, DM	C	Arsenic, Dissolved in Water	PE-A	940824	940909	941008	Water							28.	ug/L	9	EPA 7841	25.0	ug/L	0	111	1	
94/11980	QMSP	T0253 BKG	WBS8B, DM	C	Antimony, Dissolved in Water	PE-B	940824	940909	940929	Water							11.	ug/L	9	EPA 7191	10.0	ug/L	0	109	1	
94/11980	QMSP	T0253 BKG	WBS8B, DM	C	Thallium, Dissolved in Water	PE-B	940824	940909	940930	Water							9.	ug/L	9	EPA 7740	10.0	ug/L	0	94	1	
94/11980	QMSP	T0253 BKG	WBS8B, DM	C	Chromium, Dissolved in Water	PE-B	940824	940909	940929	Water							13.	ug/L	N	EPA 7131	10.0	ug/L	0	126	1	
94/11980	QMSP	T0253 BKG	WBS8B, DM	C	Cobalt, Dissolved in Water	PE-B	940824	940909	940930	Water							8.	ug/L	9	EPA 7201	10.0	ug/L	0	84	1	
94/11980	QMSP	T0253 BKG	WBS8B, DM	C	Nickel, Dissolved in Water	PE-B	940824	940909	940929	Water							10.	ug/L	U	EPA 249.2	10.0	ug/L	0	104	1	
94/11981	QMSP	T0253 BKG	WBS8B, DM	C	Selenium, Dissolved in Water	PE-A	940824	940909	941008	Water							27.	ug/L	9	EPA 7421	25.0	ug/L	0	106	0.8	1
94/11981	QMSP	T0253 BKG	WBS8B, DM	C	Cadmium, Dissolved in Water	PE-B	940824	940909	940929	Water							0.9	ug/L	9	EPA 7060	1.0	ug/L	0	90	10	1
94/11981	QMSP	T0253 BKG	WBS8B, DM	C	Lead, Dissolved in Water	PE-B	940824	940909	940929	Water							10.	ug/L	9	EPA 7041	10.0	ug/L	0	97	7.0	1
94/11981	QMSP	T0253 BKG	WBS8B, DM	C	Arsenic, Dissolved in Water	PE-A	940824	940909	941008	Water							28.	ug/L	9	EPA 7841	25.0	ug/L	0	111	0.4	1
94/11981	QMSP	T0253 BKG	WBS8B, DM	C	Antimony, Dissolved in Water	PE-B	940824	940909	940929	Water							9.	ug/L	9	EPA 7191	10.0	ug/L	0	91	18	1
94/11981	QMSP	T0253 BKG	WBS8B, DM	C	Thallium, Dissolved in Water	PE-B	940824	940909	940930	Water							11.	ug/L	9	EPA 7740	10.0	ug/L	0	106	12	1
94/11981	QMSP	T0253 BKG	WBS8B, DM	C	Chromium, Dissolved in Water	PE-B	940824	940909	940929	Water							12.	ug/L	N	EPA 7131	10.0	ug/L	0	120	4.9	1
94/11981	QMSP	T0253 BKG	WBS8B, DM	C	Cobalt, Dissolved in Water	PE-B	940824	940909	940930	Water							9.	ug/L	9	EPA 7201	10.0	ug/L	0	94	11	1
94/11981	QMSP	T0253 BKG	WBS8B, DM	C	Nickel, Dissolved in Water	PE-B	940824	940909	940929	Water							8.	ug/L	U	EPA 249.2	10.0	ug/L	0	83	22	1
94/11982	QLCS		WBS8B, DM	C	Selenium, Dissolved in Water	PE-A																				

TABLE B-6, GFAA DISSOLVED METALS IN WATER (PAGE 4 OF 4)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Lab Qualifier	Sample Analysis Method	Spike Amount	Bkg.	Recovery %	RPD %	Dilution Factor	
94/11982	QLCS	-	WBS&B, DM	C	Arsenic, Dissolved in Water	PE-A	940824	940909	941008	Water	-	-	-	-	-	-	54.	ug/L	B	EPA 7841	50.0	ug/L	0	108	-	1
94/11982	QLCS	-	WBS&B, DM	C	Antimony, Dissolved in Water	PE-B	940824	940909	940929	Water	-	-	-	-	-	-	108.	ug/L	B	EPA 7191	100.	ug/L	0	108	-	1
94/11982	QLCS	-	WBS&B, DM	C	Thallium, Dissolved in Water	PE-B	940824	940909	940930	Water	-	-	-	-	-	-	63.	ug/L	B	EPA 7740	50.0	ug/L	0	106	-	1
94/11982	QLCS	-	WBS&B, DM	C	Chromium, Dissolved in Water	PE-B	940824	940909	940929	Water	-	-	-	-	-	-	49.	ug/L	N	EPA 7131	50.0	ug/L	0	97	-	1
94/11982	QLCS	-	WBS&B, DM	C	Cobalt, Dissolved in Water	PE-B	940824	940909	940930	Water	-	-	-	-	-	-	49.	ug/L	B	EPA 7201	50.0	ug/L	0	98	-	1
94/11982	QLCS	-	WBS&B, DM	C	Nickel, Dissolved in Water	PE-B	940824	940909	940929	Water	-	-	-	-	-	-	29.	ug/L	*	EPA 249.2	30.0	ug/L	0	97	-	1
94/11983	QMTB	-	WBS&B, DM	C	Selenium, Dissolved in Water	PE-A	940824	940909	941008	Water	-	-	-	-	-	-	1.	ug/L	U	EPA 7421	-	-	-	-	-	1
94/11983	QMTB	-	WBS&B, DM	C	Cadmium, Dissolved in Water	PE-B	940824	940909	940929	Water	-	-	-	-	-	-	0.1	ug/L	U	EPA 7080	-	-	-	-	-	1
94/11983	QMTB	-	WBS&B, DM	C	Lead, Dissolved in Water	PE-B	940824	940909	940929	Water	-	-	-	-	-	-	1.	ug/L	U	EPA 7041	-	-	-	-	-	1
94/11983	QMTB	-	WBS&B, DM	C	Arsenic, Dissolved in Water	PE-A	940824	940909	941008	Water	-	-	-	-	-	-	1.	ug/L	U	EPA 7841	-	-	-	-	-	1
94/11983	QMTB	-	WBS&B, DM	C	Antimony, Dissolved in Water	PE-B	940824	940909	940929	Water	-	-	-	-	-	-	1.	ug/L	U	EPA 7191	-	-	-	-	-	1
94/11983	QMTB	-	WBS&B, DM	C	Thallium, Dissolved in Water	PE-B	940824	940909	940930	Water	-	-	-	-	-	-	1.	ug/L	U	EPA 7740	-	-	-	-	-	1
94/11983	QMTB	-	WBS&B, DM	C	Chromium, Dissolved in Water	PE-B	940824	940909	940929	Water	-	-	-	-	-	-	1.	ug/L	N	EPA 7131	-	-	-	-	-	1
94/11983	QMTB	-	WBS&B, DM	C	Cobalt, Dissolved in Water	PE-B	940824	940909	940930	Water	-	-	-	-	-	-	1.	ug/L	U	EPA 7201	-	-	-	-	-	1
94/11983	QMTB	-	WBS&B, DM	C	Nickel, Dissolved in Water	PE-B	940824	940909	940929	Water	-	-	-	-	-	-	5.	ug/L	*	EPA 249.2	-	-	-	-	-	1

Abstract

Abstract

 

GFAA.TM XLS GFAA.TM 8/21/95 09:41 AM

TABLE B-7, GFAA TOTAL METALS IN WATER (PAGE 3 OF 5)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Lab Qualifier	Sample Analysis Method	Spike Amt/Units	Bkg.	Recovery %	RPD %	Dilution Factor	
94/11439	QLCS		WBS8A, TM	C	Selenium, Total in Water	PE-B	940826	940909	940925	Water	EPA 3010A	50	mL	50	mL	-	51.	ug/L	9	EPA 7741	50.	ug/L	0	101	-	1
94/11439	QLCS		WBS8A, TM	C	Cadmium, Total in Water	PE-B	940826	940909	940926	Water	EPA 3010A	50	mL	50	mL	-	5.0	ug/L	9	EPA 7131	5.0	ug/L	0	100	-	1
94/11439	QLCS		WBS8A, TM	C	Lead, Total in Water	PE-B	940826	940909	940926	Water	EPA 3010A	50	mL	50	mL	-	48.	ug/L	9	EPA 7421	50.	ug/L	0	95	-	1
94/11439	QLCS		WBS8A, TM	C	Arsenic, Total in Water	PE-B	940826	940909	940925	Water	EPA 3010A	50	mL	50	mL	-	53.	ug/L	9	EPA 7061	50.	ug/L	0	107	-	1
94/11439	QLCS		WBS8A, TM	C	Antimony, Total in Water	PE-B	940826	940909	940926	Water	EPA 3010A	50	mL	50	mL	-	50.	ug/L	9	EPA 7040	50.	ug/L	0	102	-	1
94/11439	QLCS		WBS8A, TM	C	Thallium, Total in Water	PE-B	940826	940909	940927	Water	EPA 3010A	50	mL	50	mL	-	54.	ug/L	9	EPA 7841	50.	ug/L	0	108	-	1
94/11439	QLCS		WBS8A, TM	C	Chromium, Total in Water	PE-B	940826	940909	940926	Water	EPA 3010A	50	mL	50	mL	-	50.	ug/L	9	EPA 7191	50.	ug/L	0	99	-	1
94/11439	QLCS		WBS8A, TM	C	Cobalt, Total in Water	PE-B	940826	940909	940925	Water	EPA 3010A	50	mL	50	mL	-	52.	ug/L	9	EPA 7201	50.	ug/L	0	103	-	1
94/11439	QLCS		WBS8A, TM	C	Nickel, Total in Water	PE-B	940826	940909	940926	Water	EPA 3010A	50	mL	50	mL	-	27.	ug/L	9	EPA 249.2	30.	ug/L	0	91	-	1
94/11440	QMTB		WBS8A, TM	C	Selenium, Total in Water	PE-B	940826	940909	940925	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7741	-	-	-	-	-	1
94/11440	QMTB		WBS8A, TM	C	Cadmium, Total in Water	PE-B	940826	940909	940926	Water	EPA 3010A	50	mL	50	mL	-	0.1	ug/L	U	EPA 7131	-	-	-	-	-	1
94/11440	QMTB		WBS8A, TM	C	Lead, Total in Water	PE-B	940826	940909	940926	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7421	-	-	-	-	-	1
94/11440	QMTB		WBS8A, TM	C	Arsenic, Total in Water	PE-B	940826	940909	940925	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7061	-	-	-	-	-	1
94/11440	QMTB		WBS8A, TM	C	Antimony, Total in Water	PE-B	940826	940909	940926	Water	EPA 3010A	50	mL	50	mL	-	2.	ug/L	9	EPA 7040	-	-	-	-	-	1
94/11440	QMTB		WBS8A, TM	C	Thallium, Total in Water	PE-B	940826	940909	940927	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7841	-	-	-	-	-	1
94/11440	QMTB		WBS8A, TM	C	Chromium, Total in Water	PE-B	940826	940909	940926	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7191	-	-	-	-	-	1
94/11440	QMTB		WBS8A, TM	C	Cobalt, Total in Water	PE-B	940826	940909	940925	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7201	-	-	-	-	-	1
94/11440	QMTB		WBS8A, TM	C	Nickel, Total in Water	PE-B	940826	940909	940926	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 249.2	-	-	-	-	-	1
94/11555	T0075		WBS8B, TM	C	Selenium, Total in Water	PE-B	940831	940924	940925	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7741	-	-	-	-	-	1
94/11555	T0075		WBS8B, TM	C	Cadmium, Total in Water	PE-B	940831	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	0.1	ug/L	U	EPA 7131	-	-	-	-	-	1
94/11555	T0075		WBS8B, TM	C	Lead, Total in Water	PE-B	940831	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7421	-	-	-	-	-	1
94/11555	T0075		WBS8B, TM	C	Arsenic, Total in Water	PE-B	940831	940924	940925	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7061	-	-	-	-	-	1
94/11555	T0075		WBS8B, TM	C	Antimony, Total in Water	PE-B	940831	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7040	-	-	-	-	-	1
94/11555	T0075		WBS8B, TM	C	Thallium, Total in Water	PE-B	940831	940924	940927	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7841	-	-	-	-	-	1
94/11555	T0075		WBS8B, TM	C	Chromium, Total in Water	PE-B	940831	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7191	-	-	-	-	-	1
94/11555	T0075		WBS8B, TM	C	Cobalt, Total in Water	PE-B	940831	940924	940925	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7201	-	-	-	-	-	1
94/11555	T0075		WBS8B, TM	C	Nickel, Total in Water	PE-B	940831	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 249.2	-	-	-	-	-	1
94/11555	T0293	FR	WBS8B, TM	C	Selenium, Total in Water	PE-B	940831	940924	940925	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7741	-	-	-	-	-	1
94/11555	T0293	FR	WBS8B, TM	C	Cadmium, Total in Water	PE-B	940831	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	0.1	ug/L	U	EPA 7131	-	-	-	-	-	1
94/11555	T0293	FR	WBS8B, TM	C	Lead, Total in Water	PE-B	940831	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7421	-	-	-	-	-	1
94/11555	T0293	FR	WBS8B, TM	C	Arsenic, Total in Water	PE-B	940831	940924	940925	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7061	-	-	-	-	-	1
94/11555	T0293	FR	WBS8B, TM	C	Antimony, Total in Water	PE-B	940831	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7040	-	-	-	-	-	1
94/11555	T0293	FR	WBS8B, TM	C	Thallium, Total in Water	PE-B	940831	940924	940927	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7841	-	-	-	-	-	1
94/11555	T0293	FR	WBS8B, TM	C	Chromium, Total in Water	PE-B	940831	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7191	-	-	-	-	-	1
94/11555	T0293	FR	WBS8B, TM	C	Cobalt, Total in Water	PE-B	940831	940924	940925	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7201	-	-	-	-	-	1
94/11555	T0293	FR	WBS8B, TM	C	Nickel, Total in Water	PE-B	940831	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 249.2	-	-	-	-	-	1
94/11555	T0085		WBS8B, TM	C	Selenium, Total in Water	PE-B	940831	940924	940925	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7741	-	-	-	-	-	1
94/11555	T0085		WBS8B, TM	C	Cadmium, Total in Water	PE-B	940831	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	0.1	ug/L	U	EPA 7131	-	-	-	-	-	1
94/11555	T0085		WBS8B, TM	C	Lead, Total in Water	PE-B	940831	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7421	-	-	-	-	-	1
94/11555	T0085		WBS8B, TM	C	Arsenic, Total in Water	PE-B	940831	940924	940925	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7061	-	-	-	-	-	1
94/11555	T0085		WBS8B, TM	C	Antimony, Total in Water	PE-B	940831	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7040	-	-	-	-	-	1
94/11555	T0085		WBS8B, TM	C	Thallium, Total in Water	PE-B	940831	940924	940927	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7841	-	-	-	-	-	1
94/11555	T0085		WBS8B, TM	C	Chromium, Total in Water	PE-B	940831	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7191	-	-	-	-	-	1
94/11555	T0085		WBS8B, TM	C	Cobalt, Total in Water	PE-B	940831	940924	940925	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7201	-	-	-	-	-	1
94/11555	T0085		WBS8B, TM	C	Nickel, Total in Water	PE-B	940831	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 249.2	-	-	-	-	-	1
94/11555	T0305	FRB	WBS8B, TM	C	Selenium, Total in Water	PE-B	940831	940924	940925	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7741	-	-	-	-	-	1
94/11555	T0305	FRB	WBS8B, TM	C	Cadmium, Total in Water	PE-B	940831	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	0.1	ug/L	U	EPA 7131	-	-	-	-	-	1
94/11555	T0305	FRB	WBS8B, TM	C	Lead, Total in Water	PE-B	940831	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7421	-	-	-	-	-	1
94/11555	T0305	FRB	WBS8B, TM	C	Arsenic, Total in Water	PE-B	940831	940924	940925	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7061	-	-	-	-	-	1
94/11555	T0305	FRB	WBS8B, TM	C	Antimony, Total in Water	PE-B	940831	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7040	-	-	-	-	-	1
94/11555	T0305	FRB	WBS8B, TM	C	Thallium, Total in Water	PE-B	940831	940924	940927	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7841	-	-	-	-	-	1
94/11555	T0305	FRB	WBS8B, TM	C	Chromium, Total in Water	PE-B	940831	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7191	-	-	-	-	-	1
94/11555	T0305	FRB	WBS8B, TM	C	Cobalt, Total in Water	PE-B	940831	940924	940925	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7201	-	-	-	-	-	1
94/11555	T0305	FRB	WBS8B, TM	C	Nickel, Total in Water	PE-B	940831	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 249.2	-	-	-	-	-	1
94/11555	T0307	DFRB	WBS8B, TM	C	Selenium, Total in Water	PE-B	940831	940924	940925	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7741	-	-	-	-	-	1
94/11555	T0307	DFRB	WBS8B, TM	C	Cadmium, Total in Water	PE-B	940831	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	0.1	ug/L	U	EPA 7131	-	-	-	-	-	1
94/11555	T0307	DFRB	WBS8B, TM	C	Lead, Total in Water	PE-B	940831	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7421	-	-	-	-	-	1
94/11555	T0307	DFRB	WBS8B, TM	C	Arsenic, Total in Water	PE-B	940831	940924	940925	Water	EPA 3010A	50														

GFAA-TM.XLS GFAA-TM 8/21/95 09:41 AM

TABLE B-7, GFAA TOTAL METALS IN WATER (PAGE 5 OF 5)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Lab Qualifier	Sample Analysis Method	Spike Amt/Units	Bkg.	Recovery %	RPD %	Dilution Factor	
94/11969	QMSD	T0245 BKG	WBS8B, TM	C	Selenium, Total in Water	PE-B	940902	940924	940925	Water	EPA 3010A	50	mL	50	mL	-	21.	ug/L	9	EPA 7741	20.	ug/L	0	103	0.0	1
94/11969	QMSD	T0245 BKG	WBS8B, TM	C	Cadmium, Total in Water	PE-B	940902	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	0.9	ug/L	9	EPA 7131	1.0	ug/L	0	90	0.0	1
94/11969	QMSD	T0245 BKG	WBS8B, TM	C	Lead, Total in Water	PE-A	940902	940924	940928	Water	EPA 3010A	50	mL	50	mL	-	17.	ug/L	9	EPA 7421	20.	ug/L	0	88	8.9	1
94/11969	QMSD	T0245 BKG	WBS8B, TM	C	Arsenic, Total in Water	PE-B	940902	940924	940925	Water	EPA 3010A	50	mL	50	mL	-	23.	ug/L	9	EPA 7061	20.	ug/L	0	116	1.3	1
94/11969	QMSD	T0245 BKG	WBS8B, TM	C	Antimony, Total in Water	PE-B	940902	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	10.	ug/L	9	EPA 7040	10.	ug/L	0	105	3.9	1
94/11969	QMSD	T0245 BKG	WBS8B, TM	C	Thallium, Total in Water	PE-B	940902	940924	940927	Water	EPA 3010A	50	mL	50	mL	-	20.	ug/L	9	EPA 7841	20.	ug/L	0	102	4.0	1
94/11969	QMSD	T0245 BKG	WBS8B, TM	C	Chromium, Total in Water	PE-B	940902	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	17.	ug/L	9	EPA 7191	20.	ug/L	0	88	9.9	1
94/11969	QMSD	T0245 BKG	WBS8B, TM	C	Cobalt, Total in Water	PE-B	940902	940924	940925	Water	EPA 3010A	50	mL	50	mL	-	20.	ug/L	9	EPA 7201	20.	ug/L	0	98	0.5	1
94/11969	QMSD	T0245 BKG	WBS8B, TM	C	Nickel, Total in Water	PE-B	940902	940924	940928	Water	EPA 3010A	50	mL	50	mL	-	19.	ug/L	9	EPA 249.2	20.	ug/L	0	96	2.1	1
94/11970	QLCS	-	WBS8B, TM	C	Selenium, Total in Water	PE-B	940902	940924	940925	Water	EPA 3010A	50	mL	50	mL	-	61.	ug/L	9	EPA 7741	50.	ug/L	0	103	-	1
94/11970	QLCS	-	WBS8B, TM	C	Cadmium, Total in Water	PE-B	940902	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	6.1	ug/L	9	EPA 7131	5.0	ug/L	0	102	-	1
94/11970	QLCS	-	WBS8B, TM	C	Lead, Total in Water	PE-B	940902	940924	940928	Water	EPA 3010A	50	mL	50	mL	-	49.	ug/L	9	EPA 7421	50.	ug/L	0	97	-	1
94/11970	QLCS	-	WBS8B, TM	C	Arsenic, Total in Water	PE-B	940902	940924	940925	Water	EPA 3010A	50	mL	50	mL	-	53.	ug/L	9	EPA 7061	50.	ug/L	0	106	-	1
94/11970	QLCS	-	WBS8B, TM	C	Antimony, Total in Water	PE-B	940902	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	82.	ug/L	9	EPA 7040	50.	ug/L	0	104	-	1
94/11970	QLCS	-	WBS8B, TM	C	Thallium, Total in Water	PE-B	940902	940924	940927	Water	EPA 3010A	50	mL	50	mL	-	49.	ug/L	9	EPA 7841	50.	ug/L	0	88	-	1
94/11970	QLCS	-	WBS8B, TM	C	Chromium, Total in Water	PE-B	940902	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	81.	ug/L	9	EPA 7191	50.	ug/L	0	102	-	1
94/11970	QLCS	-	WBS8B, TM	C	Cobalt, Total in Water	PE-B	940902	940924	940925	Water	EPA 3010A	50	mL	50	mL	-	50.	ug/L	9	EPA 7201	50.	ug/L	0	100	-	1
94/11970	QLCS	-	WBS8B, TM	C	Nickel, Total in Water	PE-B	940902	940924	940928	Water	EPA 3010A	50	mL	50	mL	-	29.	ug/L	9	EPA 249.2	30.	ug/L	0	98	-	1
94/11971	QMTB	-	WBS8B, TM	C	Selenium, Total in Water	PE-B	940902	940924	940925	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7741	-	-	-	-	-	1
94/11971	QMTB	-	WBS8B, TM	C	Cadmium, Total in Water	PE-B	940902	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	0.3	ug/L	9	EPA 7131	-	-	-	-	-	1
94/11971	QMTB	-	WBS8B, TM	C	Lead, Total in Water	PE-B	940902	940924	940928	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	9	EPA 7421	-	-	-	-	-	1
94/11971	QMTB	-	WBS8B, TM	C	Arsenic, Total in Water	PE-B	940902	940924	940925	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7061	-	-	-	-	-	1
94/11971	QMTB	-	WBS8B, TM	C	Antimony, Total in Water	PE-B	940902	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7040	-	-	-	-	-	1
94/11971	QMTB	-	WBS8B, TM	C	Thallium, Total in Water	PE-B	940902	940924	940927	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7841	-	-	-	-	-	1
94/11971	QMTB	-	WBS8B, TM	C	Chromium, Total in Water	PE-B	940902	940924	940926	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7191	-	-	-	-	-	1
94/11971	QMTB	-	WBS8B, TM	C	Cobalt, Total in Water	PE-B	940902	940924	940925	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7201	-	-	-	-	-	1
94/11971	QMTB	-	WBS8B, TM	C	Nickel, Total in Water	PE-B	940902	940924	940928	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 249.2	-	-	-	-	-	1
94/12029	T0288	-	WBS8B, TM	C	Selenium, Total in Water	PE-B	940902	940926	940925	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7741	-	-	-	-	-	1
94/12029	T0288	-	WBS8B, TM	C	Cadmium, Total in Water	PE-B	940902	940926	940926	Water	EPA 3010A	50	mL	50	mL	-	0.1	ug/L	U	EPA 7131	-	-	-	-	-	1
94/12029	T0288	-	WBS8B, TM	C	Lead, Total in Water	PE-B	940902	940926	940928	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7421	-	-	-	-	-	1
94/12029	T0288	-	WBS8B, TM	C	Arsenic, Total in Water	PE-B	940902	940926	940925	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7061	-	-	-	-	-	1
94/12029	T0288	-	WBS8B, TM	C	Antimony, Total in Water	PE-B	940902	940926	940926	Water	EPA 3010A	50	mL	50	mL	-	2.	ug/L	9	EPA 7040	-	-	-	-	-	1
94/12029	T0288	-	WBS8B, TM	C	Thallium, Total in Water	PE-B	940902	940926	940927	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7841	-	-	-	-	-	1
94/12029	T0288	-	WBS8B, TM	C	Chromium, Total in Water	PE-B	940902	940926	940926	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7191	-	-	-	-	-	1
94/12029	T0288	-	WBS8B, TM	C	Cobalt, Total in Water	PE-A	940902	940909	940925	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 7201	-	-	-	-	-	1
94/12029	T0288	-	WBS8B, TM	C	Nickel, Total in Water	PE-B	940902	940909	940928	Water	EPA 3010A	50	mL	50	mL	-	1.	ug/L	U	EPA 249.2	-	-	-	-	-	1

TABLE B-8, FAA DISSOLVED METALS IN WATER (PAGE 1 OF 1)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike Am/Units	Bkg.	Recovery %	RPD %	Dilution Factor	
94/11485	T0013		WBS8A, DM	C	Lithium, Dissolved in Water	PE-B	940823	940926	940926	Water							10.	ug/L	U	EPA 7430					1	
94/11485	T0013		WBS8A, DM	C	Potassium, Dissolved in Water	PE-B	940823	940926	940926	Water							1.3	mg/L	9	EPA 7610					1	
94/11485	T0013		WBS8A, DM	C	Sodium, Dissolved in Water	PE-B	940823	940926	940926	Water							2.7	mg/L	9	EPA 7770					1	
94/11486	T0264	FR	WBS8A, DM	C	Lithium, Dissolved in Water	PE-B	940823	940926	940926	Water							10.	ug/L	U	EPA 7430					1	
94/11486	T0264	FR	WBS8A, DM	C	Potassium, Dissolved in Water	PE-B	940823	940926	940926	Water							1.3	mg/L	9	EPA 7610					1	
94/11486	T0264	FR	WBS8A, DM	C	Sodium, Dissolved in Water	PE-B	940823	940926	940926	Water							2.7	mg/L	9	EPA 7770					1	
94/11487	T0023		WBS8A, DM	C	Lithium, Dissolved in Water	PE-B	940823	940926	940926	Water							10.	ug/L	U	EPA 7430					1	
94/11487	T0023		WBS8A, DM	C	Potassium, Dissolved in Water	PE-B	940823	940926	940926	Water							1.3	mg/L	9	EPA 7610					1	
94/11487	T0023		WBS8A, DM	C	Sodium, Dissolved in Water	PE-B	940823	940926	940926	Water							2.8	mg/L	9	EPA 7770					1	
94/11488	T0274	FRB	WBS8A, DM	C	Lithium, Dissolved in Water	PE-B	940823	940926	940926	Water							10.	ug/L	U	EPA 7430					1	
94/11488	T0274	FRB	WBS8A, DM	C	Potassium, Dissolved in Water	PE-B	940823	940926	940926	Water							0.1	mg/L	U	EPA 7610					1	
94/11488	T0274	FRB	WBS8A, DM	C	Sodium, Dissolved in Water	PE-B	940823	940926	940926	Water							0.1	mg/L	U	EPA 7770					1	
94/11489	T0033		WBS8A, DM	C	Lithium, Dissolved in Water	PE-B	940824	940926	940926	Water							10.	ug/L	U	EPA 7430					1	
94/11489	T0033		WBS8A, DM	C	Potassium, Dissolved in Water	PE-B	940824	940926	940926	Water							1.3	mg/L	9	EPA 7610					1	
94/11489	T0033		WBS8A, DM	C	Sodium, Dissolved in Water	PE-B	940824	940926	940926	Water							2.7	mg/L	9	EPA 7770					1	
94/11490	T0043		WBS8A, DM	C	Lithium, Dissolved in Water	PE-B	940824	940926	940926	Water							10.	ug/L	U	EPA 7430					1	
94/11490	T0043		WBS8A, DM	C	Potassium, Dissolved in Water	PE-B	940824	940926	940926	Water							1.3	mg/L	9	EPA 7610					1	
94/11490	T0043		WBS8A, DM	C	Sodium, Dissolved in Water	PE-B	940824	940926	940926	Water							2.7	mg/L	9	EPA 7770					1	
94/11491	T0053		WBS8A, DM	C	Lithium, Dissolved in Water	PE-B	940825	940926	940926	Water							10.	ug/L	U	EPA 7430					1	
94/11491	T0053		WBS8A, DM	C	Potassium, Dissolved in Water	PE-B	940825	940926	940926	Water							1.3	mg/L	9	EPA 7610					1	
94/11491	T0053		WBS8A, DM	C	Sodium, Dissolved in Water	PE-B	940825	940926	940926	Water							2.8	mg/L	9	EPA 7770					1	
94/11492	T0063		WBS8A, DM	C	Lithium, Dissolved in Water	PE-B	940825	940926	940926	Water							10.	ug/L	U	EPA 7430					1	
94/11492	T0063		WBS8A, DM	C	Potassium, Dissolved in Water	PE-B	940825	940926	940926	Water							1.3	mg/L	9	EPA 7610					1	
94/11492	T0063		WBS8A, DM	C	Sodium, Dissolved in Water	PE-B	940825	940926	940926	Water							2.8	mg/L	9	EPA 7770					1	
94/11493	QMSP	T0063 BKG	WBS8A, DM	C	Lithium, Dissolved in Water	PE-B	940825	940926	940926	Water							200.	ug/L	9	EPA 7430	200.	ug/L	0	98	1	
94/11493	QMSP	T0063 BKG	WBS8A, DM	C	Potassium, Dissolved in Water	PE-B	940825	940926	940926	Water							3.4	mg/L	9	EPA 7610	2.00	mg/L	1.3	102	1	
94/11493	QMSP	T0063 BKG	WBS8A, DM	C	Sodium, Dissolved in Water	PE-B	940825	940926	940926	Water							5.1	mg/L	9	EPA 7770	2.00	mg/L	2.8	114	1	
94/11494	QMSP	T0063 BKG	WBS8A, DM	C	Lithium, Dissolved in Water	PE-B	940825	940926	940926	Water							200.	ug/L	9	EPA 7430	200.	ug/L	0	100	2.0	1
94/11494	QMSP	T0063 BKG	WBS8A, DM	C	Potassium, Dissolved in Water	PE-B	940825	940926	940926	Water							3.6	mg/L	9	EPA 7610	2.00	mg/L	1.3	106	2.9	1
94/11494	QMSP	T0063 BKG	WBS8A, DM	C	Sodium, Dissolved in Water	PE-B	940825	940926	940926	Water							6.0	mg/L	9	EPA 7770	2.00	mg/L	2.8	110	1.8	1
94/11494	QMSP	T0063 BKG	WBS8A, DM	C	Lithium, Dissolved in Water	PE-B	940825	940926	940926	Water							940.	ug/L	9	EPA 7430	1000.	ug/L	0	94	1	
94/11495	QLCS		WBS8A, DM	C	Potassium, Dissolved in Water	PE-B	940825	940926	940926	Water							0.9	mg/L	9	EPA 7610	1.00	mg/L	0	92	1	
94/11495	QLCS		WBS8A, DM	C	Sodium, Dissolved in Water	PE-B	940825	940926	940926	Water							1.0	mg/L	9	EPA 7770	1.00	mg/L	0	89	1	
94/11495	QLCS		WBS8A, DM	C	Lithium, Dissolved in Water	PE-B	940825	940926	940926	Water							10.	ug/L	U	EPA 7430					1	
94/11496	QMTB		WBS8A, DM	C	Potassium, Dissolved in Water	PE-B	940825	940926	940926	Water							0.1	mg/L	U	EPA 7610					1	
94/11496	QMTB		WBS8A, DM	C	Sodium, Dissolved in Water	PE-B	940825	940926	940926	Water							0.1	mg/L	U	EPA 7770					1	
94/11496	QMTB		WBS8A, DM	C	Lithium, Dissolved in Water	PE-B	940825	940926	940926	Water							10.	ug/L	U	EPA 7430					1	
94/11772	T0073		WBS8B, DM	C	Potassium, Dissolved in Water	PE-B	940830	940926	940926	Water							1.4	mg/L	9	EPA 7610					1	
94/11772	T0073		WBS8B, DM	C	Sodium, Dissolved in Water	PE-B	940830	940926	940926	Water							3.0	mg/L	9	EPA 7770					1	
94/11772	T0073		WBS8B, DM	C	Lithium, Dissolved in Water	PE-B	940830	940926	940926	Water							10.	ug/L	U	EPA 7430					1	
94/11773	T0291		WBS8B, DM	C	Potassium, Dissolved in Water	PE-B	940830	940926	940926	Water							1.4	mg/L	9	EPA 7610					1	
94/11773	T0291		WBS8B, DM	C	Sodium, Dissolved in Water	PE-B	940830	940926	940926	Water							2.8	mg/L	9	EPA 7770					1	
94/11773	T0291		WBS8B, DM	C	Lithium, Dissolved in Water	PE-B	940830	940926	940926	Water							10.	ug/L	U	EPA 7430					1	
94/11774	T0083		WBS8B, DM	C	Potassium, Dissolved in Water	PE-B	940830	940926	940926	Water							1.4	mg/L	9	EPA 7610					1	
94/11774	T0083		WBS8B, DM	C	Sodium, Dissolved in Water	PE-B	940830	940926	940926	Water							2.0	mg/L	9	EPA 7770					1	
94/11774	T0083		WBS8B, DM	C	Lithium, Dissolved in Water	PE-B	940830	940926	940926	Water							10.	ug/L	U	EPA 7430					1	
94/11775	T0301	FRB	WBS8B, DM	C	Potassium, Dissolved in Water	PE-B	940830	940926	940926	Water							0.1	mg/L	U	EPA 7610					1	
94/11775	T0301	FRB	WBS8B, DM	C	Sodium, Dissolved in Water	PE-B	940830	940926	940926	Water							0.2	mg/L	9	EPA 7770					1	
94/11775	T0301	FRB	WBS8B, DM	C	Lithium, Dissolved in Water	PE-B	940831	940926	940926	Water							10.	ug/L	U	EPA 7430					1	
94/11776	T0233		WBS8B, DM	C	Potassium, Dissolved in Water	PE-B	940831	940926	940926	Water							4.0	mg/L	9	EPA 7610					1	
94/11776	T0233		WBS8B, DM	C	Sodium, Dissolved in Water	PE-B	940831	940926	940926	Water							6.0	mg/L	9	EPA 7770					1	
94/11777	T0243		WBS8B, DM	C	Lithium, Dissolved in Water	PE-B	940831	940926	940926	Water							10.	ug/L	U	EPA 7430					1	
94/11777	T0243		WBS8B, DM	C	Potassium, Dissolved in Water	PE-B	940831	940926	940926	Water							2.8	mg/L	9	EPA 7610					1	
94/11777	T0243		WBS8B, DM	C	Sodium, Dissolved in Water	PE-B	940831	940926	940926	Water							4.6	mg/L	9	EPA 7770					1	
94/11778	T0193		WBS8B, DM	C	Lithium, Dissolved in Water	PE-B	940901	940926	940926	Water							10.	ug/L	U	EPA 7430					1	
94/11778	T0193		WBS8B, DM	C	Potassium, Dissolved in Water	PE-B	940901	940926	940926	Water							1.8	mg/L	9	EPA 7610					1	
94/11778	T0193		WBS8B, DM	C	Sodium, Dissolved in Water	PE-B	940901	940926	940926	Water							5.7	mg/L	9	EPA 7770					1	
94/11779	T0253		WBS8B, DM	C	Lithium, Dissolved in Water	PE-B	940901	940926	940926	Water							10.	ug/L	U	EPA 7430					1	
94/11779	T0253		WBS8B, DM	C	Potassium, Dissolved in Water	PE-B	940901	940926	940926	Water							1.4	mg/L	9	EPA 7610					1	
94/11779	T0253		WBS8B, DM	C	Sodium, Dissolved in Water	PE-B	940901	940926	940926	Water							4.4	mg/L	9	EPA 7770					1	
94/11980	QMSP	T0253 BKG	WBS8B, DM	C	Lithium, Dissolved in Water	PE-B	940901	940926	940926	Water							200.	ug/L	9	EPA 7430	200.	ug/L	0	99	1	
94/11980	QMSP	T0253 BKG	WBS8B, DM	C	Potassium, Dissolved in Water	PE-B	940901	940926	940926	Water							3.4	mg/L	9	EPA 7610	2.00	mg/L	1.4	100	1	
94/11980	QMSP	T0253 BKG	WBS8B, DM	C	Sodium, Dissolved in Water	PE-B	940901	940926	940926	Water							6.3	mg/L	9	EPA 7770	2.00	mg/L	4.4	95	1	
94/11981	QMSP	T0253 BKG	WBS8B, DM	C	Lithium, Dissolved in Water	PE-B	940901	940926	940926	Water							200.	ug/L	9	EPA 7430	200.	ug/L	0	98	1.0	1
94/11981	QMSP	T0253 BKG	WBS8B, DM	C	Potassium, Dissolved in Water	PE-B	940901	940926	940926	Water							3.4									

TABLE B-9, FAA TOTAL METALS IN WATER (PAGE 1 OF 2)

[illegible]

TABLE B-9, FAA TOTAL METALS IN WATER (PAGE 2 OF 2)

Lab Number	Sample Info	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/Digestate Volume	Extract/Digestate Vol. Units	Molature %	Result	Result Units	Lab Qualifier	Sample Analysis Method	Spike Amount	Bkg.	Recovery %	RPD %	Dilution Factor
94/11960	T0308	DIRB	WBS8A, SM	C	Sodium, Total in Water	PE-B	940831	940923	940923	Water	-	-	-	-	-	-	0.1	mg/L	U	EPA 7770	-	-	-	-	1
94/11961	T0309	DFRB	WBS8A, SM	C	Lithium, Total in Water	PE-B	940831	940926	940926	Water	-	-	-	-	-	-	10.	ug/L	U	EPA 7430	-	-	-	-	1
94/11961	T0309	DFRB	WBS8A, SM	C	Potassium, Total in Water	PE-B	940831	940923	940923	Water	-	-	-	-	-	-	0.1	mg/L	U	EPA 7610	-	-	-	-	1
94/11961	T0309	DFRB	WBS8A, SM	C	Sodium, Total in Water	PE-B	940831	940923	940923	Water	-	-	-	-	-	-	0.1	mg/L	U	EPA 7770	-	-	-	-	1
94/11962	T0235	-	WBS8A, SM	C	Lithium, Total in Water	PE-B	940831	940926	940926	Water	-	-	-	-	-	-	10.	ug/L	U	EPA 7430	-	-	-	-	1
94/11962	T0235	-	WBS8A, SM	C	Potassium, Total in Water	PE-B	940831	940923	940923	Water	-	-	-	-	-	-	4.1	mg/L	9	EPA 7610	-	-	-	-	1
94/11962	T0235	-	WBS8A, SM	C	Sodium, Total in Water	PE-B	940831	940923	940923	Water	-	-	-	-	-	-	6.1	mg/L	9	EPA 7770	-	-	-	-	1
94/11963	T0245	-	WBS8A, SM	C	Lithium, Total in Water	PE-B	940831	940926	940926	Water	-	-	-	-	-	-	10.	ug/L	U	EPA 7430	-	-	-	-	1
94/11963	T0245	-	WBS8A, SM	C	Potassium, Total in Water	PE-B	940831	940923	940923	Water	-	-	-	-	-	-	3.0	mg/L	9	EPA 7610	-	-	-	-	1
94/11963	T0245	-	WBS8A, SM	C	Sodium, Total in Water	PE-B	940831	940923	940923	Water	-	-	-	-	-	-	4.6	mg/L	9	EPA 7770	-	-	-	-	1
94/11964	T0195	-	WBS8A, SM	C	Lithium, Total in Water	PE-B	940901	940926	940926	Water	-	-	-	-	-	-	10.	ug/L	U	EPA 7430	-	-	-	-	1
94/11964	T0195	-	WBS8A, SM	C	Potassium, Total in Water	PE-B	940901	940923	940923	Water	-	-	-	-	-	-	1.5	mg/L	9	EPA 7610	-	-	-	-	1
94/11964	T0195	-	WBS8A, SM	C	Sodium, Total in Water	PE-B	940901	940923	940923	Water	-	-	-	-	-	-	6.9	mg/L	9	EPA 7770	-	-	-	-	1
94/11965	T0255	-	WBS8A, SM	C	Lithium, Total in Water	PE-B	940901	940926	940926	Water	-	-	-	-	-	-	10.	ug/L	U	EPA 7430	-	-	-	-	1
94/11965	T0255	-	WBS8A, SM	C	Potassium, Total in Water	PE-B	940901	940923	940923	Water	-	-	-	-	-	-	1.5	mg/L	9	EPA 7610	-	-	-	-	1
94/11965	T0255	-	WBS8A, SM	C	Sodium, Total in Water	PE-B	940901	940923	940923	Water	-	-	-	-	-	-	4.6	mg/L	9	EPA 7770	-	-	-	-	1
94/11966	T0310	DIRB	WBS8A, SM	C	Lithium, Total in Water	PE-B	940901	940926	940926	Water	-	-	-	-	-	-	10.	ug/L	U	EPA 7430	-	-	-	-	1
94/11966	T0310	DIRB	WBS8A, SM	C	Potassium, Total in Water	PE-B	940901	940923	940923	Water	-	-	-	-	-	-	0.1	mg/L	U	EPA 7610	-	-	-	-	1
94/11966	T0310	DIRB	WBS8A, SM	C	Sodium, Total in Water	PE-B	940901	940923	940923	Water	-	-	-	-	-	-	0.1	mg/L	U	EPA 7770	-	-	-	-	1
94/11967	T0311	DFRB	WBS8A, SM	C	Lithium, Total in Water	PE-B	940901	940926	940926	Water	-	-	-	-	-	-	10.	ug/L	U	EPA 7430	-	-	-	-	1
94/11967	T0311	DFRB	WBS8A, SM	C	Potassium, Total in Water	PE-B	940901	940923	940923	Water	-	-	-	-	-	-	0.1	mg/L	U	EPA 7610	-	-	-	-	1
94/11967	T0311	DFRB	WBS8A, SM	C	Sodium, Total in Water	PE-B	940901	940923	940923	Water	-	-	-	-	-	-	0.1	mg/L	U	EPA 7770	-	-	-	-	1
94/11968	QMSD	T0255 BKG	WBS8A, SM	C	Lithium, Total in Water	PE-B	940901	940926	940926	Water	-	-	-	-	-	-	190.	ug/L	9	EPA 7430	200.	ug/L	0	95	1
94/11968	QMSD	T0255 BKG	WBS8A, SM	C	Potassium, Total in Water	PE-B	940901	940923	940923	Water	-	-	-	-	-	-	3.5	mg/L	9	EPA 7610	2.00	mg/L	1.49	100	1
94/11968	QMSD	T0255 BKG	WBS8A, SM	C	Sodium, Total in Water	PE-B	940901	940923	940923	Water	-	-	-	-	-	-	6.6	mg/L	9	EPA 7770	2.00	mg/L	4.6	100	1
94/11969	QMSD	T0255 BKG	WBS8A, SM	C	Lithium, Total in Water	PE-B	940901	940926	940926	Water	-	-	-	-	-	-	200.	ug/L	9	EPA 7430	200.	ug/L	0	99	3.6
94/11969	QMSD	T0255 BKG	WBS8A, SM	C	Potassium, Total in Water	PE-B	940901	940923	940923	Water	-	-	-	-	-	-	3.5	mg/L	9	EPA 7610	2.00	mg/L	1.49	102	1.1
94/11969	QMSD	T0255 BKG	WBS8A, SM	C	Sodium, Total in Water	PE-B	940901	940923	940923	Water	-	-	-	-	-	-	6.7	mg/L	9	EPA 7770	2.00	mg/L	4.6	106	1.6
94/11970	QLCS	-	WBS8A, SM	C	Lithium, Total in Water	PE-B	940901	940926	940926	Water	-	-	-	-	-	-	920.	ug/L	9	EPA 7430	1000.	ug/L	0	92	1
94/11970	QLCS	-	WBS8A, SM	C	Potassium, Total in Water	PE-B	940901	940923	940923	Water	-	-	-	-	-	-	1.0	mg/L	9	EPA 7610	1.00	mg/L	0	99	1
94/11970	QLCS	-	WBS8A, SM	C	Sodium, Total in Water	PE-B	940901	940923	940923	Water	-	-	-	-	-	-	1.0	mg/L	9	EPA 7770	1.00	mg/L	0	100	1
94/11971	QMTB	-	WBS8A, SM	C	Lithium, Total in Water	PE-B	940901	940926	940926	Water	-	-	-	-	-	-	10.	ug/L	U	EPA 7430	-	-	-	-	1
94/11971	QMTB	-	WBS8A, SM	C	Potassium, Total in Water	PE-B	940901	940923	940923	Water	-	-	-	-	-	-	0.1	mg/L	U	EPA 7610	-	-	-	-	1
94/11971	QMTB	-	WBS8A, SM	C	Sodium, Total in Water	PE-B	940901	940923	940923	Water	-	-	-	-	-	-	0.1	mg/L	U	EPA 7770	-	-	-	-	1
94/12029	T0288	-	WBS8A, SM	C	Lithium, Total in Water	PE-B	940830	940926	940926	Water	-	-	-	-	-	-	10.	ug/L	U	EPA 7430	-	-	-	-	1
94/12029	T0288	-	WBS8A, SM	C	Potassium, Total in Water	PE-B	940830	940923	940923	Water	-	-	-	-	-	-	0.1	mg/L	U	EPA 7610	-	-	-	-	1
94/12029	T0288	-	WBS8A, SM	C	Sodium, Total in Water	PE-B	940830	940923	940923	Water	-	-	-	-	-	-	0.1	mg/L	U	EPA 7770	-	-	-	-	1

TABLE B-10, DISSOLVED MERCURY IN WATER (PAGE 1 OF 1)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result Units	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike Amt/Units	Bkg.	Recovery %	RPD %	Dilution Factor
94/11485	T0013		WBS8A, DM	C	Mercury, Dissolved In Water	LL	940824	940901	940902	Water	EPA 7470	100	mL	100	mL		0.2	ug/L	U	EPA 7470					1
94/11486	T0264	FR	WBS8A, DM	C	Mercury, Dissolved In Water	LL	940824	940901	940902	Water	EPA 7470	100	mL	100	mL		0.2	ug/L	U	EPA 7470					1
94/11487	T0023		WBS8A, DM	C	Mercury, Dissolved In Water	LL	940824	940901	940902	Water	EPA 7470	100	mL	100	mL		0.2	ug/L	U	EPA 7470					1
94/11488	T0274	FRB	WBS8A, DM	C	Mercury, Dissolved In Water	LL	940824	940901	940902	Water	EPA 7470	100	mL	100	mL		0.2	ug/L	U	EPA 7470					1
94/11489	T0033		WBS8A, DM	C	Mercury, Dissolved In Water	LL	940825	940901	940902	Water	EPA 7470	100	mL	100	mL		0.2	ug/L	U	EPA 7470					7
94/11490	T0043		WBS8A, DM	C	Mercury, Dissolved In Water	LL	940825	940901	940902	Water	EPA 7470	100	mL	100	mL		0.2	ug/L	U	EPA 7470					1
94/11491	T0053		WBS8A, DM	C	Mercury, Dissolved In Water	LL	940825	940901	940902	Water	EPA 7470	100	mL	100	mL		0.2	ug/L	U	EPA 7470					1
94/11492	T0063		WBS8A, DM	C	Mercury, Dissolved In Water	LL	940826	940901	940902	Water	EPA 7470	100	mL	100	mL		0.2	ug/L	U	EPA 7470					1
94/11493	QMSP	T0264 BKG	WBS8A, DM	C	Mercury, Dissolved In Water	LL	940826	940901	940902	Water	EPA 7470	100	mL	100	mL		2.0	ug/L	9	EPA 7470	2.00	ug/L	0	102	1
94/11494	QMSP	T0264 BKG	WBS8A, DM	C	Mercury, Dissolved In Water	LL	940826	940901	940902	Water	EPA 7470	100	mL	100	mL		2.1	ug/L	9	EPA 7470	2.00	ug/L	0	103	1.4
94/11495	QLCS		WBS8A, DM	C	Mercury, Dissolved In Water	LL	940826	940901	940902	Water	EPA 7470	100	mL	100	mL		2.3	ug/L	9	EPA 7470	3.00	ug/L	0	78	1
94/11496	QMTB		WBS8A, DM	C	Mercury, Dissolved In Water	LL	940826	940910	940902	Water	EPA 7470	100	mL	100	mL		0.2	ug/L	U	EPA 7470					1
94/11972	T0073		WBS8B, DM	C	Mercury, Dissolved In Water	LL	940831	940910	940910	Water	EPA 7470	100	mL	100	mL		0.2	ug/L	U	EPA 7470					1
94/11973	T0291		WBS8B, DM	C	Mercury, Dissolved In Water	LL	940831	940910	940910	Water	EPA 7470	100	mL	100	mL		0.2	ug/L	U	EPA 7470					1
94/11974	T0083		WBS8B, DM	C	Mercury, Dissolved In Water	LL	940831	940910	940910	Water	EPA 7470	100	mL	100	mL		0.2	ug/L	U	EPA 7470					1
94/11975	T0301	FRB	WBS8B, DM	C	Mercury, Dissolved In Water	LL	940831	940910	940910	Water	EPA 7470	100	mL	100	mL		0.2	ug/L	U	EPA 7470					1
94/11976	T0233		WBS8B, DM	C	Mercury, Dissolved In Water	LL	940901	940910	940910	Water	EPA 7470	100	mL	100	mL		0.2	ug/L	U	EPA 7470					1
94/11977	T0243		WBS8B, DM	C	Mercury, Dissolved In Water	LL	940901	940910	940910	Water	EPA 7470	100	mL	100	mL		0.2	ug/L	U	EPA 7470					1
94/11978	T0193		WBS8B, DM	C	Mercury, Dissolved In Water	LL	940902	940910	940910	Water	EPA 7470	100	mL	100	mL		0.2	ug/L	U	EPA 7470					1
94/11979	T0253		WBS8B, DM	C	Mercury, Dissolved In Water	LL	940902	940910	940910	Water	EPA 7470	100	mL	100	mL		0.2	ug/L	U	EPA 7470					1
94/11980	QMSP	T0253 BKG	WBS8B, DM	C	Mercury, Dissolved In Water	LL	940902	940910	940910	Water	EPA 7470	100	mL	100	mL		2.0	ug/L	9	EPA 7470	2.00	ug/L	0	102	1
94/11981	QMSP	T0253 BKG	WBS8B, DM	C	Mercury, Dissolved In Water	LL	940902	940910	940910	Water	EPA 7470	100	mL	100	mL		2.0	ug/L	9	EPA 7470	2.00	ug/L	0	101	1.5
94/11982	QLCS		WBS8B, DM	C	Mercury, Dissolved In Water	LL	940902	940910	940910	Water	EPA 7470	100	mL	100	mL		2.6	ug/L	9	EPA 7470	3.00	ug/L	0	88	1
94/11983	QMTB		WBS8B, DM	C	Mercury, Dissolved In Water	LL	940902	940910	940910	Water	EPA 7470	100	mL	100	mL		0.2	ug/L	U	EPA 7470					1

TABLE B-11, TOTAL MERCURY IN WATER (PAGE 1 OF 1)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Lab Qualifier	Sample Analysis Method	Spike Amt/Units	Bkg.	Recovery %	RPD %	Dilution Factor
94/11423	T0015		WBS8A, TM	C	Mercury, Total in Water	LL	940824	940901	940902	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/11424	T0266	FR	WBS8A, TM	C	Mercury, Total in Water	LL	940824	940901	940902	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/11425	T0025		WBS8A, TM	C	Mercury, Total in Water	LL	940824	940901	940902	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/11426	T0261	DIRB	WBS8A, TM	C	Mercury, Total in Water	LL	940824	940901	940902	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/11427	T0280	DFRB	WBS8A, TM	C	Mercury, Total in Water	LL	940826	940901	940902	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/11428	T0278	FRB	WBS8A, TM	C	Mercury, Total in Water	LL	940826	940901	940902	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/11429	T0035		WBS8A, TM	C	Mercury, Total in Water	LL	940826	940901	940902	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/11430	T0045		WBS8A, TM	C	Mercury, Total in Water	LL	940826	940901	940902	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/11431	T0281	DIRB	WBS8A, TM	C	Mercury, Total in Water	LL	940826	940901	940902	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/11432	T0282	DFRB	WBS8A, TM	C	Mercury, Total in Water	LL	940826	940901	940902	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/11433	T0055		WBS8A, TM	C	Mercury, Total in Water	LL	940826	940901	940902	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/11434	T0065		WBS8A, TM	C	Mercury, Total in Water	LL	940826	940901	940902	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/11435	T0283	DIRB	WBS8A, TM	C	Mercury, Total in Water	LL	940826	940901	940902	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/11436	T0284	FIRB	WBS8A, TM	C	Mercury, Total in Water	LL	940826	940901	940902	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/11437	QMSP	T0055 BKG	WBS8A, TM	C	Mercury, Total in Water	LL	940826	940901	940902	Water	EPA 7470	100	mL	100	mL	-	ug/L	9	EPA 7470	2.00	ug/L	0	98	-	1
94/11438	QMSP	T0055 BKG	WBS8A, TM	C	Mercury, Total in Water	LL	940826	940901	940902	Water	EPA 7470	100	mL	100	mL	-	ug/L	9	EPA 7470	2.00	ug/L	0	103	4.7	1
94/11439	QLCS		WBS8A, TM	C	Mercury, Total in Water	LL	940826	940901	940902	Water	EPA 7470	100	mL	100	mL	-	ug/L	9	EPA 7470	3.00	ug/L	0	78	-	1
94/11440	QMTB		WBS8A, TM	C	Mercury, Total in Water	LL	940826	940901	940902	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/11955	T0075		WBS8B, TM	C	Mercury, Total in Water	LL	940831	940909	940910	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/11956	T0293	FR	WBS8B, TM	C	Mercury, Total in Water	LL	940831	940909	940910	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/11957	T0085		WBS8B, TM	C	Mercury, Total in Water	LL	940831	940909	940910	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/11958	T0305	FRB	WBS8B, TM	C	Mercury, Total in Water	LL	940831	940909	940910	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/11959	T0307	DFRB	WBS8B, TM	C	Mercury, Total in Water	LL	940901	940909	940910	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/11960	T0308	DIRB	WBS8B, TM	C	Mercury, Total in Water	LL	940901	940909	940910	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/11961	T0309	DFRB	WBS8B, TM	C	Mercury, Total in Water	LL	940902	940909	940910	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/11962	T02354		WBS8B, TM	C	Mercury, Total in Water	LL	940902	940909	940910	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/11963	T0245		WBS8B, TM	C	Mercury, Total in Water	LL	940902	940909	940910	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/11964	T0195		WBS8B, TM	C	Mercury, Total in Water	LL	940902	940909	940910	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/11965	T0255		WBS8B, TM	C	Mercury, Total in Water	LL	940902	940909	940910	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/11966	T0310	DIRB	WBS8B, TM	C	Mercury, Total in Water	LL	940902	940909	940910	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/11967	T0311	DFRB	WBS8B, TM	C	Mercury, Total in Water	LL	940902	940909	940910	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/11968	QMSP	T0245 BKG	WBS8B, TM	C	Mercury, Total in Water	LL	940902	940909	940910	Water	EPA 7470	100	mL	100	mL	-	ug/L	9	EPA 7470	2.00	ug/L	0	107	-	1
94/11969	QMSP	T0245 BKG	WBS8B, TM	C	Mercury, Total in Water	LL	940902	940909	940910	Water	EPA 7470	100	mL	100	mL	-	ug/L	9	EPA 7470	2.00	ug/L	0	105	0.0	1
94/11970	QLCS		WBS8B, TM	C	Mercury, Total in Water	LL	940902	940909	940910	Water	EPA 7470	100	mL	100	mL	-	ug/L	9	EPA 7470	3.00	ug/L	0	85	-	1
94/11971	QMTB		WBS8B, TM	C	Mercury, Total in Water	LL	940902	940909	940910	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1
94/12029	T0288		WBS8B, TM	C	Mercury, Total in Water	LL	940902	940909	940910	Water	EPA 7470	100	mL	100	mL	-	ug/L	U	EPA 7470	-	-	-	-	-	1

ICP-SM.XLS ICP-SM 8/21/95 10:12 AM

TABLE B-12, ICP TOTAL METALS IN SEDIMENT (PAGE 2 OF 6)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amt/Units	Extrac/ Digestate Volume	Extrac/ Digestate Vol. Units	Moisture %	Result	Result Units	Lab Qualifier	Sample Analysis Method	Spike Amt/Units	Bkg.	Recovery %	RPD %	Dilution Factor
94/11500	T0038		WBS8A, SM	C	Zinc, Total In Sediment	PE2000	940825	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	120.	mg/Kg	N	EPA 3050A					1
94/11500	T0038		WBS8A, SM	C	Thallium, Total In Sediment	PE2000	940825	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	5.0	mg/Kg	NU	EPA 3050A					1
94/11500	T0038		WBS8A, SM	C	Chromium, Total In Sediment	PE2000	940825	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	24.	mg/Kg	9	EPA 3050A					1
94/11500	T0038		WBS8A, SM	C	Silver, Total In Sediment	PE2000	940825	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	1.0	mg/Kg	U	EPA 3050A					1
94/11500	T0038		WBS8A, SM	C	Manganese, Total In Sediment	PE2000	940825	940921	941217	Sediment	EPA 3050A	1.00	grams	50	mL	1900.	mg/Kg	N	EPA 3050A					10
94/11501	T0049		WBS8A, SM	C	Cadmium, Total In Sediment	PE2000	940825	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	2.0	mg/Kg	9	EPA 3050A					1
94/11501	T0049		WBS8A, SM	C	Lead, Total In Sediment	PE2000	940825	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	33.	mg/Kg	9	EPA 3050A					1
94/11501	T0049		WBS8A, SM	C	Aluminum, Total In Sediment	PE2000	940825	940921	941217	Sediment	EPA 3050A	1.00	grams	50	mL	16000.	mg/Kg	9	EPA 3050A					10
94/11501	T0049		WBS8A, SM	C	Calcium, Total In Sediment	PE2000	940825	940921	941217	Sediment	EPA 3050A	1.00	grams	50	mL	3900.	mg/Kg	N	EPA 3050A					10
94/11501	T0049		WBS8A, SM	C	Beryllium, Total In Sediment	PE2000	940825	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	1.0	mg/Kg	9	EPA 3050A					1
94/11501	T0049		WBS8A, SM	C	Cobalt, Total In Sediment	PE2000	940825	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	19.	mg/Kg	9	EPA 3050A					1
94/11501	T0049		WBS8A, SM	C	Barium, Total In Sediment	PE2000	940825	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	180.	mg/Kg	N	EPA 3050A					1
94/11501	T0049		WBS8A, SM	C	Boron, Total In Sediment	PE2000	940825	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	50.	mg/Kg	9	EPA 3050A					1
94/11501	T0049		WBS8A, SM	C	Iron, Total In Sediment	PE2000	940825	940921	941216	Sediment	EPA 3050A	1.00	grams	50	mL	34000.	mg/Kg	N	EPA 3050A					10
94/11501	T0049		WBS8A, SM	C	Magnesium, Total In Sediment	PE2000	940825	940921	941217	Sediment	EPA 3050A	1.00	grams	50	mL	4000.	mg/Kg	9	EPA 3050A					10
94/11501	T0049		WBS8A, SM	C	Silicon, Total In Sediment	PE2000	940825	940921	941217	Sediment	EPA 3050A	1.00	grams	50	mL	180.	mg/Kg	N	EPA 3050A					1
94/11501	T0049		WBS8A, SM	C	Copper, Total In Sediment	PE2000	940825	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	37.	mg/Kg	9	EPA 3050A					1
94/11501	T0049		WBS8A, SM	C	Nickel, Total In Sediment	PE2000	940825	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	32.	mg/Kg	9	EPA 3050A					1
94/11501	T0049		WBS8A, SM	C	Molybdenum, Total In Sediment	PE2000	940825	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	2.0	mg/Kg	U	EPA 3050A					1
94/11501	T0049		WBS8A, SM	C	Vanadium, Total In Sediment	PE2000	940825	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	45.	mg/Kg	9	EPA 3050A					1
94/11501	T0049		WBS8A, SM	C	Zinc, Total In Sediment	PE2000	940825	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	120.	mg/Kg	N	EPA 3050A					1
94/11501	T0049		WBS8A, SM	C	Thallium, Total In Sediment	PE2000	940825	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	5.0	mg/Kg	U	EPA 3050A					1
94/11501	T0049		WBS8A, SM	C	Chromium, Total In Sediment	PE2000	940825	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	31.	mg/Kg	9	EPA 3050A					1
94/11501	T0049		WBS8A, SM	C	Silver, Total In Sediment	PE2000	940825	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	1.0	mg/Kg	U	EPA 3050A					1
94/11501	T0049		WBS8A, SM	C	Manganese, Total In Sediment	PE2000	940825	940921	941217	Sediment	EPA 3050A	1.00	grams	50	mL	3300.	mg/Kg	N	EPA 3050A					1
94/11502	T0059		WBS8A, SM	C	Cadmium, Total In Sediment	PE2000	940826	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	1.8	mg/Kg	9	EPA 3050A					1
94/11502	T0059		WBS8A, SM	C	Lead, Total In Sediment	PE2000	940826	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	35.	mg/Kg	9	EPA 3050A					1
94/11502	T0059		WBS8A, SM	C	Aluminum, Total In Sediment	PE2000	940826	940921	941217	Sediment	EPA 3050A	1.00	grams	50	mL	32000.	mg/Kg	9	EPA 3050A					1
94/11502	T0059		WBS8A, SM	C	Calcium, Total In Sediment	PE2000	940826	940921	941217	Sediment	EPA 3050A	1.00	grams	50	mL	7400.	mg/Kg	N	EPA 3050A					1
94/11502	T0059		WBS8A, SM	C	Beryllium, Total In Sediment	PE2000	940826	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	0.8	mg/Kg	9	EPA 3050A					1
94/11502	T0059		WBS8A, SM	C	Cobalt, Total In Sediment	PE2000	940826	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	20.	mg/Kg	9	EPA 3050A					1
94/11502	T0059		WBS8A, SM	C	Barium, Total In Sediment	PE2000	940826	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	210.	mg/Kg	N	EPA 3050A					1
94/11502	T0059		WBS8A, SM	C	Boron, Total In Sediment	PE2000	940826	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	50.	mg/Kg	U	EPA 3050A					1
94/11502	T0059		WBS8A, SM	C	Iron, Total In Sediment	PE2000	940826	940921	941216	Sediment	EPA 3050A	1.00	grams	50	mL	39000.	mg/Kg	N	EPA 3050A					10
94/11502	T0059		WBS8A, SM	C	Magnesium, Total In Sediment	PE2000	940826	940921	941217	Sediment	EPA 3050A	1.00	grams	50	mL	3800.	mg/Kg	9	EPA 3050A					1
94/11502	T0059		WBS8A, SM	C	Silicon, Total In Sediment	PE2000	940826	940921	941217	Sediment	EPA 3050A	1.00	grams	50	mL	690.	mg/Kg	N	EPA 3050A					1
94/11502	T0059		WBS8A, SM	C	Copper, Total In Sediment	PE2000	940826	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	39.	mg/Kg	9	EPA 3050A					1
94/11502	T0059		WBS8A, SM	C	Nickel, Total In Sediment	PE2000	940826	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	34.	mg/Kg	9	EPA 3050A					1
94/11502	T0059		WBS8A, SM	C	Molybdenum, Total In Sediment	PE2000	940826	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	2.0	mg/Kg	U	EPA 3050A					1
94/11502	T0059		WBS8A, SM	C	Vanadium, Total In Sediment	PE2000	940826	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	43.	mg/Kg	9	EPA 3050A					1
94/11502	T0059		WBS8A, SM	C	Zinc, Total In Sediment	PE2000	940826	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	120.	mg/Kg	N	EPA 3050A					1
94/11502	T0059		WBS8A, SM	C	Thallium, Total In Sediment	PE2000	940826	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	5.0	mg/Kg	U	EPA 3050A					1
94/11502	T0059		WBS8A, SM	C	Chromium, Total In Sediment	PE2000	940826	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	29.	mg/Kg	U	EPA 3050A					1
94/11502	T0059		WBS8A, SM	C	Silver, Total In Sediment	PE2000	940826	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	1.0	mg/Kg	U	EPA 3050A					1
94/11502	T0059		WBS8A, SM	C	Manganese, Total In Sediment	PE2000	940826	940921	941217	Sediment	EPA 3050A	1.00	grams	50	mL	3300.	mg/Kg	N	EPA 3050A					1
94/11503	T0069		WBS8A, SM	C	Cadmium, Total In Sediment	PE2000	940826	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	1.8	mg/Kg	9	EPA 3050A					1
94/11503	T0069		WBS8A, SM	C	Lead, Total In Sediment	PE2000	940826	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	39.	mg/Kg	9	EPA 3050A					1
94/11503	T0069		WBS8A, SM	C	Aluminum, Total In Sediment	PE2000	940826	940921	941217	Sediment	EPA 3050A	1.00	grams	50	mL	28000.	mg/Kg	9	EPA 3050A					10
94/11503	T0069		WBS8A, SM	C	Calcium, Total In Sediment	PE2000	940826	940921	941217	Sediment	EPA 3050A	1.00	grams	50	mL	5500.	mg/Kg	N	EPA 3050A					1
94/11503	T0069		WBS8A, SM	C	Beryllium, Total In Sediment	PE2000	940826	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	1.0	mg/Kg	9	EPA 3050A					1
94/11503	T0069		WBS8A, SM	C	Cobalt, Total In Sediment	PE2000	940826	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	16.	mg/Kg	9	EPA 3050A					1
94/11503	T0069		WBS8A, SM	C	Barium, Total In Sediment	PE2000	940826	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	180.	mg/Kg	N	EPA 3050A					1
94/11503	T0069		WBS8A, SM	C	Boron, Total In Sediment	PE2000	940826	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	50.	mg/Kg	U	EPA 3050A					1
94/11503	T0069		WBS8A, SM	C	Iron, Total In Sediment	PE2000	940826	940921	941216	Sediment	EPA 3050A	1.00	grams	50	mL	38000.	mg/Kg	N	EPA 3050A					1
94/11503	T0069		WBS8A, SM	C	Magnesium, Total In Sediment	PE2000	940826	940921	941217	Sediment	EPA 3050A	1.00	grams	50	mL	3900.	mg/Kg	9	EPA 3050A					1
94/11503	T0069		WBS8A, SM	C	Silicon, Total In Sediment	PE2000	940826	940921	941217	Sediment	EPA 3050A	1.00	grams	50	mL	980.	mg/Kg	N	EPA 3050A					1
94/11503	T0069		WBS8A, SM	C	Copper, Total In Sediment	PE2000	940826	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	30.	mg/Kg	9	EPA 3050A					1
94/11503	T0069		WBS8A, SM	C	Nickel, Total In Sediment	PE2000	940826	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	29.	mg/Kg	9	EPA 3050A					1
94/11503	T0069		WBS8A, SM	C	Molybdenum, Total In Sediment	PE2000	940826	940921	941202	Sediment	EPA 3050A	1.00	grams	50	mL	2.0	mg/Kg	U	EPA 3050A					1
94/11503	T0069																							

Lab Number	Sample ID	Component	Laboratory	Batch	Analytical Level	Analyte	Instrument	ID	Sample Prep	Sample Date	Matrix	Method	Sample	Amount	Conc.	Extract	Digestive	Vol. Units	Qualifier	Lab	Analyst	Sample	Amount	Conc.	Spikes	Recovery	RPD	Dilution	Factor
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Silicon, Total in Sediment	PE2000	940826	940821	941217	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	N	EPA 3050A	500	mg/kg	978				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Copper, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	50	mg/kg	31	74			
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Nickel, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	50	mg/kg	84				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Molybdenum, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	50	mg/kg	76				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Zinc, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	50	mg/kg	40				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Chromium, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	50	mg/kg	110				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Silver, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	50	mg/kg	85				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Chromium, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	50	mg/kg	27				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Thallium, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	50	mg/kg	30				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Lead, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	156				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Barium, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	158				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Cobalt, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	16				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Barium, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	158				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Lead, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	156				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Aluminum, Total in Sediment	PE2000	940826	940821	941217	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Lead, Total in Sediment	PE2000	940826	940821	941217	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Manganese, Total in Sediment	PE2000	940826	940821	941217	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Silver, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Chromium, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Thallium, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Zinc, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Molybdenum, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Nickel, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Copper, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Silicon, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Barium, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Cobalt, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Barium, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Lead, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Aluminum, Total in Sediment	PE2000	940826	940821	941217	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Lead, Total in Sediment	PE2000	940826	940821	941217	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Manganese, Total in Sediment	PE2000	940826	940821	941217	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Silver, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Chromium, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Thallium, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Zinc, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Molybdenum, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Nickel, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Copper, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Silicon, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Barium, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Cobalt, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Barium, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Lead, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Aluminum, Total in Sediment	PE2000	940826	940821	941217	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Lead, Total in Sediment	PE2000	940826	940821	941217	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Manganese, Total in Sediment	PE2000	940826	940821	941217	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Silver, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Chromium, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10069 BRQ	WBSEA, SM		C	Thallium, Total in Sediment	PE2000	940826	940821	941202	Sediment	EPA 3050A	1.00	grams	50	50	50	50	1.00	mg/kg	9	EPA 3050A	500	mg/kg	2				
94/15104	QMSF	10

TABLE B-12, ICP TOTAL METALS IN SEDIMENT (PAGE 6 OF 6)

[illegible]

GEAA/SM XLS GEAA-SM 8/21/95 10:15 AM

TABLE B-14, FAA TOTAL METALS IN SEDIMENT (PAGE 1 OF 1)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Lab Qualifier	Sample Analysis Method	Spike Amt/Units	Bkg.	Recovery %	RPD %	Dilution Factor
94/11497	T0019		WBS6A, SM	C	Lithium, Total In Sediment	PE-B	940824	940821	940930	Sediment	EPA 3050A	1.00	grams	50	mL		45.	mg/Kg	N	EPA 7430					1
94/11497	T0018		WBS6A, SM	C	Potassium, Total In Sediment	PE-B	940824	940821	940929	Sediment	EPA 3050A	1.00	grams	50	mL		2800.	mg/Kg	9	EPA 7610					10
94/11497	T0019		WBS6A, SM	C	Sodium, Total In Sediment	PE-B	940824	940821	940930	Sediment	EPA 3050A	1.00	grams	50	mL		90.	mg/Kg	N	EPA 7770					1
94/11498	T0270	FR	WBS6A, SM	C	Lithium, Total In Sediment	PE-B	940824	940821	940930	Sediment	EPA 3050A	1.00	grams	50	mL		38.	mg/Kg	N	EPA 7430					1
94/11498	T0270	FR	WBS6A, SM	C	Potassium, Total In Sediment	PE-B	940824	940821	940929	Sediment	EPA 3050A	1.00	grams	50	mL		2700.	mg/Kg	9	EPA 7610					10
94/11498	T0270	FR	WBS6A, SM	C	Sodium, Total In Sediment	PE-B	940824	940821	940930	Sediment	EPA 3050A	1.00	grams	50	mL		77.	mg/Kg	N	EPA 7770					1
94/11499	T0029		WBS6A, SM	C	Lithium, Total In Sediment	PE-B	940824	940821	940930	Sediment	EPA 3050A	1.00	grams	50	mL		30.	mg/Kg	N	EPA 7430					1
94/11499	T0029		WBS6A, SM	C	Potassium, Total In Sediment	PE-B	940824	940821	940929	Sediment	EPA 3050A	1.00	grams	50	mL		1900.	mg/Kg	9	EPA 7610					10
94/11499	T0029		WBS6A, SM	C	Sodium, Total In Sediment	PE-B	940824	940821	940930	Sediment	EPA 3050A	1.00	grams	50	mL		72.	mg/Kg	N	EPA 7770					1
94/11500	T0039		WBS6A, SM	C	Lithium, Total In Sediment	PE-B	940825	940921	940930	Sediment	EPA 3050A	1.00	grams	50	mL		34.	mg/Kg	N	EPA 7430					1
94/11500	T0039		WBS6A, SM	C	Potassium, Total In Sediment	PE-B	940825	940921	940929	Sediment	EPA 3050A	1.00	grams	50	mL		2600.	mg/Kg	9	EPA 7610					10
94/11500	T0039		WBS6A, SM	C	Sodium, Total In Sediment	PE-B	940825	940921	940930	Sediment	EPA 3050A	1.00	grams	50	mL		80.	mg/Kg	N	EPA 7770					1
94/11501	T0049		WBS6A, SM	C	Lithium, Total In Sediment	PE-B	940825	940921	940930	Sediment	EPA 3050A	1.00	grams	50	mL		50.	mg/Kg	N	EPA 7430					1
94/11501	T0049		WBS6A, SM	C	Potassium, Total In Sediment	PE-B	940825	940921	940929	Sediment	EPA 3050A	1.00	grams	50	mL		3400.	mg/Kg	9	EPA 7610					10
94/11501	T0049		WBS6A, SM	C	Sodium, Total In Sediment	PE-B	940825	940921	940930	Sediment	EPA 3050A	1.00	grams	50	mL		100.	mg/Kg	N	EPA 7770					1
94/11502	T0059		WBS6A, SM	C	Lithium, Total In Sediment	PE-B	940826	940921	940930	Sediment	EPA 3050A	1.00	grams	50	mL		53.	mg/Kg	N	EPA 7430					1
94/11502	T0059		WBS6A, SM	C	Potassium, Total In Sediment	PE-B	940826	940921	940929	Sediment	EPA 3050A	1.00	grams	50	mL		3800.	mg/Kg	9	EPA 7610					10
94/11502	T0059		WBS6A, SM	C	Sodium, Total In Sediment	PE-B	940826	940921	940930	Sediment	EPA 3050A	1.00	grams	50	mL		120.	mg/Kg	N	EPA 7770					1
94/11503	T0069		WBS6A, SM	C	Lithium, Total In Sediment	PE-B	940826	940921	940930	Sediment	EPA 3050A	1.00	grams	50	mL		42.	mg/Kg	N	EPA 7430					1
94/11503	T0069		WBS6A, SM	C	Potassium, Total In Sediment	PE-B	940826	940921	940929	Sediment	EPA 3050A	1.00	grams	50	mL		2600.	mg/Kg	9	EPA 7610					10
94/11503	T0069		WBS6A, SM	C	Sodium, Total In Sediment	PE-B	940826	940921	940930	Sediment	EPA 3050A	1.00	grams	50	mL		89.	mg/Kg	N	EPA 7770					1
94/11504	QMSF T0059 BKG		WBS6A, SM	C	Lithium, Total In Sediment	PE-B	940826	940921	940930	Sediment	EPA 3050A	1.00	grams	50	mL		88.	mg/Kg	N	EPA 7430	11.	mg/Kg	87.8	131	1
94/11504	QMSF T0069 BKG		WBS6A, SM	C	Potassium, Total In Sediment	PE-B	940826	940921	940929	Sediment	EPA 3050A	1.00	grams	50	mL		3600.	mg/Kg	9	EPA 7610	1000.	mg/Kg	2600	95	10
94/11504	QMSF T0059 BKG		WBS6A, SM	C	Sodium, Total In Sediment	PE-B	940826	940921	940930	Sediment	EPA 3050A	1.00	grams	50	mL		260.	mg/Kg	N	EPA 7770	105.	mg/Kg	120	133	1
94/11505	QMSD T0059 BKG		WBS6A, SM	C	Lithium, Total In Sediment	PE-B	940826	940921	940930	Sediment	EPA 3050A	1.00	grams	50	mL		88.	mg/Kg	N	EPA 7430	11.	mg/Kg	88	138	1.0
94/11505	QMSD T0069 BKG		WBS6A, SM	C	Potassium, Total In Sediment	PE-B	940826	940921	940929	Sediment	EPA 3050A	1.00	grams	50	mL		3500.	mg/Kg	9	EPA 7610	1000.	mg/Kg	2600	90	1.4
94/11505	QMSD T0059 BKG		WBS6A, SM	C	Sodium, Total In Sediment	PE-B	940826	940921	940930	Sediment	EPA 3050A	1.00	grams	50	mL		250.	mg/Kg	N	EPA 7770	105.	mg/Kg	120	133	0.2
94/11506	OLCS		WBS6A, SM	C	Lithium, Total In Sediment	PE-B	940826	940921	940930	Sediment	EPA 3050A	1.00	grams	50	mL		47.0	mg/Kg	N	EPA 7430	50.	mg/Kg	0	84	1
94/11506	OLCS		WBS6A, SM	C	Potassium, Total In Sediment	PE-B	940826	940921	940929	Sediment	EPA 3050A	1.00	grams	50	mL		2300.	mg/Kg	9	EPA 7610	2130.	mg/Kg	0	108	10
94/11506	OLCS		WBS6A, SM	C	Sodium, Total In Sediment	PE-B	940826	940921	940930	Sediment	EPA 3050A	1.00	grams	50	mL		610.	mg/Kg	N	EPA 7770	527.	mg/Kg	0	115	1
94/11507	QMTB		WBS6A, SM	C	Lithium, Total In Sediment	PE-B	940826	940921	940930	Sediment	EPA 3050A	1.00	grams	50	mL		0.5	mg/Kg	NU	EPA 7430					1
94/11507	QMTB		WBS6A, SM	C	Potassium, Total In Sediment	PE-B	940826	940921	940929	Sediment	EPA 3050A	1.00	grams	50	mL		5.	mg/Kg	U	EPA 7610					1
94/11507	QMTB		WBS6A, SM	C	Sodium, Total In Sediment	PE-B	940826	940921	940930	Sediment	EPA 3050A	1.00	grams	50	mL		14.	mg/Kg	N	EPA 7770					1
94/11508	T0079		WBS6B, SM	C	Lithium, Total In Sediment	PE-B	940831	940920	940930	Sediment	EPA 3050A	1.00	grams	50	mL		48.	mg/Kg	N	EPA 7430					1
94/11508	T0079		WBS6B, SM	C	Potassium, Total In Sediment	PE-B	940831	940920	940929	Sediment	EPA 3050A	1.00	grams	50	mL		4300.	mg/Kg	9	EPA 7610					10
94/11508	T0079		WBS6B, SM	C	Sodium, Total In Sediment	PE-B	940831	940920	940930	Sediment	EPA 3050A	1.00	grams	50	mL		110.	mg/Kg	N	EPA 7770					1
94/11509	T0279		WBS6B, SM	C	Lithium, Total In Sediment	PE-B	940831	940920	940930	Sediment	EPA 3050A	1.00	grams	50	mL		47.	mg/Kg	N	EPA 7430					1
94/11509	T0279		WBS6B, SM	C	Potassium, Total In Sediment	PE-B	940831	940920	940929	Sediment	EPA 3050A	1.00	grams	50	mL		3900.	mg/Kg	9	EPA 7610					10
94/11509	T0279		WBS6B, SM	C	Sodium, Total In Sediment	PE-B	940831	940920	940930	Sediment	EPA 3050A	1.00	grams	50	mL		100.	mg/Kg	N	EPA 7770					1
94/11509	T0279		WBS6B, SM	C	Lithium, Total In Sediment	PE-B	940831	940920	940930	Sediment	EPA 3050A	1.00	grams	50	mL		38.	mg/Kg	N	EPA 7430					1
94/11509	T0279		WBS6B, SM	C	Potassium, Total In Sediment	PE-B	940831	940920	940929	Sediment	EPA 3050A	1.00	grams	50	mL		2200.	mg/Kg	9	EPA 7610					10
94/11509	T0279		WBS6B, SM	C	Sodium, Total In Sediment	PE-B	940831	940920	940930	Sediment	EPA 3050A	1.00	grams	50	mL		74.	mg/Kg	N	EPA 7770					1
94/11509	T0239		WBS6B, SM	C	Lithium, Total In Sediment	PE-B	940901	940920	940930	Sediment	EPA 3050A	1.00	grams	50	mL		19.	mg/Kg	N	EPA 7430					1
94/11509	T0239		WBS6B, SM	C	Potassium, Total In Sediment	PE-B	940901	940920	940929	Sediment	EPA 3050A	1.00	grams	50	mL		1500.	mg/Kg	9	EPA 7610					10
94/11509	T0239		WBS6B, SM	C	Sodium, Total In Sediment	PE-B	940901	940920	940930	Sediment	EPA 3050A	1.00	grams	50	mL		70.	mg/Kg	N	EPA 7770					1
94/11509	T0249		WBS6B, SM	C	Lithium, Total In Sediment	PE-B	940901	940920	940930	Sediment	EPA 3050A	1.00	grams	50	mL		25.	mg/Kg	N	EPA 7430					1
94/11509	T0249		WBS6B, SM	C	Potassium, Total In Sediment	PE-B	940901	940920	940929	Sediment	EPA 3050A	1.00	grams	50	mL		2300.	mg/Kg	9	EPA 7610					10
94/11509	T0249		WBS6B, SM	C	Sodium, Total In Sediment	PE-B	940901	940920	940930	Sediment	EPA 3050A	1.00	grams	50	mL		70.	mg/Kg	N	EPA 7770					1
94/11509	T0249		WBS6B, SM	C	Lithium, Total In Sediment	PE-B	940902	940920	940930	Sediment	EPA 3050A	1.00	grams	50	mL		16.	mg/Kg	N	EPA 7430					1
94/11509	T0199		WBS6B, SM	C	Potassium, Total In Sediment	PE-B	940902	940920	940929	Sediment	EPA 3050A	1.00	grams	50	mL		1100.	mg/Kg	9	EPA 7610					10
94/11509	T0199		WBS6B, SM	C	Sodium, Total In Sediment	PE-B	940902	940920	940930	Sediment	EPA 3050A	1.00	grams	50	mL		59.	mg/Kg	N	EPA 7770					1
94/11509	T0259		WBS6B, SM	C	Lithium, Total In Sediment	PE-B	940902	940920	940930	Sediment	EPA 3050A	1.00	grams	50	mL		82.	mg/Kg	N	EPA 7430					1
94/11509	T0259		WBS6B, SM	C	Potassium, Total In Sediment	PE-B	940902	940920	940929	Sediment	EPA 3050A	1.00	grams	50	mL		3700.	mg/Kg	9	EPA 7610					10
94/11509	T0259		WBS6B, SM	C	Sodium, Total In Sediment	PE-B	940902	940920	940930	Sediment	EPA 3050A	1.00	grams	50	mL		120.	mg/Kg	N	EPA 7770					1
94/11509	T0199 BKG		WBS6B, SM	C	Lithium, Total In Sediment	PE-B	940902	940920	940930	Sediment	EPA 3050A	1.00	grams	50	mL		30.0	mg/Kg	N	EPA 7430	10.5	mg/Kg	16	128	1
94/11509	T0259 BKG		WBS6B, SM	C	Potassium, Total In Sediment	PE-B	940902	940920	940929	Sediment	EPA 3050A	1.00	grams	50	mL		4600.	mg/Kg	9	EPA 7610	1000.	mg/Kg	3700	94	10
94/11509	T0199 BKG		WBS6B, SM	C	Sodium, Total In Sediment	PE-B	940902	940920	940930	Sediment	EPA 3050A	1.00	grams	50	mL		190.	mg/Kg	N	EPA 7770	105.	mg/Kg	99	127	1
94/11509	T0199 BKG		WBS6B, SM	C	Lithium, Total In Sediment	PE-B	940902	940920	940930	Sediment	EPA 3050A	1.00	grams	50	mL		30.0	mg/Kg	N	EPA 7430	10.5	mg/Kg	18	128	0.2
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TABLE B-15, TOTAL MERCURY IN SEDIMENT (PAGE 1 OF 1)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Lab Qualifier	Sample Analysis Method	Spike Amt/Units	Bkg	Recovery %	RPD %	Dilution Factor
94/11497	T0019		WBS8A, SM	C	Mercury, Total In Sediment	LL	940824	940928	940928	Sediment	EPA 7471	0.20	grams	100	mL		0.11	mg/Kg	9	EPA 7471					1
94/11498	T0270	FR	WBS8A, SM	C	Mercury, Total In Sediment	LL	940824	940928	940928	Sediment	EPA 7471	0.20	grams	100	mL		0.11	mg/Kg	9	EPA 7471					1
94/11499	T0029		WBS8A, SM	C	Mercury, Total In Sediment	LL	940824	940928	940928	Sediment	EPA 7471	0.20	grams	100	mL		0.10	mg/Kg	U	EPA 7471					1
94/11500	T0039		WBS8A, SM	C	Mercury, Total In Sediment	LL	940824	940928	940928	Sediment	EPA 7471	0.20	grams	100	mL		0.20	mg/Kg	9	EPA 7471					1
94/11501	T0043		WBS8A, SM	C	Mercury, Total In Sediment	LL	940825	940928	940928	Sediment	EPA 7471	0.20	grams	100	mL		0.12	mg/Kg	9	EPA 7471					1
94/11502	T0055		WBS8A, SM	C	Mercury, Total In Sediment	LL	940825	940928	940928	Sediment	EPA 7471	0.20	grams	100	mL		0.10	mg/Kg	U	EPA 7471					1
94/11503	T0069		WBS8A, SM	C	Mercury, Total In Sediment	LL	940826	940928	940928	Sediment	EPA 7471	0.20	grams	100	mL		0.49	mg/Kg	9	EPA 7471					1
94/11504	QMSP	T0069 BKG	WBS8A, SM	C	Mercury, Total In Sediment	LL	940826	940928	940928	Sediment	EPA 7471	0.20	grams	100	mL		1.51	mg/Kg	9	EPA 7471	1.00	mg/Kg	0.49	102	1
94/11505	QMSP	T0069 BKG	WBS8A, SM	C	Mercury, Total In Sediment	LL	940826	940928	940928	Sediment	EPA 7471	0.20	grams	100	mL		1.48	mg/Kg	9	EPA 7471	1.00	mg/Kg	0.49	99	3.0
94/11506	QLCS		WBS8A, SM	C	Mercury, Total In Sediment	LL	940826	940928	940928	Sediment	EPA 7471	0.20	grams	100	mL		1.42	mg/Kg	9	EPA 7471	1.46	mg/Kg	0	97	1
94/11507	QMTB		WBS8A, SM	C	Mercury, Total In Sediment	LL	940826	940928	940928	Sediment	EPA 7471	0.20	grams	100	mL		0.10	mg/Kg	U	EPA 7471					1
94/11584	T0079		WBS8B, SM	C	Mercury, Total In Sediment	LL	940831	940927	940927	Sediment	EPA 7471	0.20	grams	100	mL		0.10	mg/Kg	U	EPA 7471					1
94/11585	T0297		WBS8B, SM	C	Mercury, Total In Sediment	LL	940831	940927	940927	Sediment	EPA 7471	0.20	grams	100	mL		0.10	mg/Kg	9	EPA 7471					1
94/11586	T0089		WBS8B, SM	C	Mercury, Total In Sediment	LL	940831	940927	940927	Sediment	EPA 7471	0.20	grams	100	mL		0.13	mg/Kg	9	EPA 7471					1
94/11587	T0239		WBS8B, SM	C	Mercury, Total In Sediment	LL	940901	940927	940927	Sediment	EPA 7471	0.20	grams	100	mL		0.10	mg/Kg	U	EPA 7471					1
94/11588	T0249		WBS8B, SM	C	Mercury, Total In Sediment	LL	940901	940927	940927	Sediment	EPA 7471	0.20	grams	100	mL		0.10	mg/Kg	U	EPA 7471					1
94/11589	T0199		WBS8B, SM	C	Mercury, Total In Sediment	LL	940902	940927	940927	Sediment	EPA 7471	0.20	grams	100	mL		0.26	mg/Kg	9	EPA 7471					1
94/11590	T0259		WBS8B, SM	C	Mercury, Total In Sediment	LL	940902	940927	940927	Sediment	EPA 7471	0.20	grams	100	mL		1.29	mg/Kg	9	EPA 7471	1.00	mg/Kg	0.26	103	1
94/11591	QMSP	T0259 BKG	WBS8B, SM	C	Mercury, Total In Sediment	LL	940902	940927	940927	Sediment	EPA 7471	0.20	grams	100	mL		1.25	mg/Kg	9	EPA 7471	1.00	mg/Kg	0.26	99	3.1
94/11592	QMSP	T0259 BKG	WBS8B, SM	C	Mercury, Total In Sediment	LL	940902	940927	940927	Sediment	EPA 7471	0.20	grams	100	mL		1.39	mg/Kg	9	EPA 7471	1.46	mg/Kg	0	95	1
94/11593	QLCS		WBS8B, SM	C	Mercury, Total In Sediment	LL	940902	940927	940927	Sediment	EPA 7471	0.20	grams	100	mL		0.10	mg/Kg	U	EPA 7471					1
94/11594	QMTB		WBS8B, SM	C	Mercury, Total In Sediment	LL	940902	940927	940927	Sediment	EPA 7471	0.20	grams	100	mL		0.10	mg/Kg	U	EPA 7471					1

TABLE B-16, TOTAL AND FILTERED CYANIDE IN WATER (PAGE 1 OF 1)

Procedure Method	Test	Lab ID	Client ID	Analyte	Result mg/l	Reported mg/l	Percent Recovery	RPD	Sampl Type	Wave Length	Absorbance	mls distillate	mls colored	pH	Analysis Start Date	Analysis Start Time	Analysis Finish Date	Analysis Finish Time	Location	Work List	Badge	Receive Date	Receive Time	Date Sampled	Sample Time	Sulfu Chec	NO2 Check	NO3 Check	SOW
SW846 9010A	CN SW	BLANK		Cyanide	0.0002	0.0002			MB	578nm	0.0007	500	50	<12	9/2/94	07:00	9/2/94	10:18	BLANK	E9C53872	E03412								SOW064
SW846 9010A	CN SW	LCS		Cyanide	0.0967	0.0967			CS	578nm	0.2971	500	50	>12	9/2/94	07:00	9/2/94	10:18	0.01	E9C53872	E03412								SOW064
SW846 9010A	CN SW	E942430104	T0014	Cyanide	0	<0.01			RE	578nm	0	250	50	>12	9/2/94	07:00	9/2/94	10:18	020768H20	E9C53872	E03412	19940831	02:30:00	8/23/94	11:41:00	N	N		0 SOW064
SW846 9010A	CN SW	E942430104	T0014	Cyanide	0	0		N/A	RE	578nm	0	250	50	>12	9/2/94	07:00	9/2/94	10:18	DUPLICATE	E9C53872	E03412	19940831	02:30:00	8/23/94	11:41:00	N	N		0 SOW064
SW846 9010A	CN SW	E942430116	T0269	Cyanide	0.0001	<0.01			RE	578nm	0.0002	250	50	>12	9/2/94	07:00	9/2/94	10:18	020768H20	E9C53872	E03412	19940831	02:30:00	8/23/94	11:42:00	N	N		0 SOW064
SW846 9010A	CN SW	E942430116	T0269	Cyanide	0.0382	0.0382	95.3	N/A	SP	578nm	0.0587	250	50	>12	9/2/94	07:00	9/2/94	10:18	SPIKE	E9C53872	E03412	19940831	02:30:00	8/23/94	11:42:00	N	N		0 SOW064
SW846 9010A	CN SW	E942430105	T0016	Cyanide	0	<0.01			RE	578nm	0	500	50	>12	9/2/94	07:00	9/2/94	10:18	020768H20	E9C53872	E03412	19940831	02:30:00	8/23/94	11:46:00	N	N		0 SOW064
SW846 9010A	CN SW	E942430117	T0267	Cyanide	0.0001	<0.01			RE	578nm	0.0003	500	50	>12	9/2/94	07:00	9/2/94	10:18	020768H20	E9C53872	E03412	19940831	02:30:00	8/23/94	11:47:00	N	N		0 SOW064
SW846 9010A	CN SW	E942430118	T0275	Cyanide	0	<0.01			RE	578nm	0	500	50	>12	9/2/94	07:00	9/2/94	10:18	020768H20	E9C53872	E03412	19940831	02:30:00	8/23/94	12:45:00	N	N		0 SOW064
SW846 9010A	CN SW	E942430107	T0026	Cyanide	0.0001	<0.01			RE	578nm	0.0004	500	50	>12	9/2/94	07:00	9/2/94	10:18	020768H20	E9C53872	E03412	19940831	02:30:00	8/23/94	02:49:00	N	N		0 SOW064
SW846 9010A	CN SW	E942430106	T0024	Cyanide	0	<0.01			RE	578nm	0	500	50	>12	9/2/94	07:00	9/2/94	10:18	020768H20	E9C53872	E03412	19940831	02:30:00	8/23/94	02:50:00	N	N		0 SOW064
SW846 9010A	CN SW	STANDARD		Cyanide	0.0745	0.0745			SN	578nm	0.229	500	50	>12	9/2/94	07:00	9/2/94	10:18	UNDISTILLED	E9C53872	E03412								SOW064
SW846 9010A	CN SW	BLANK		Cyanide	0.0008	0.0008			MB	578nm	0.0025	500	50	<12	9/6/94	18:00	9/6/94	09:39	BLANK	E9C53966	E03412								SOW064
SW846 9010A	CN SW	LCS		Cyanide	0.0904	0.0904			CS	578nm	0.2778	500	50	>12	9/6/94	18:00	9/6/94	09:39	0.01	E9C53966	E03412								SOW064
SW846 9010A	CN SW	E942450118	T0196	Cyanide	0.0008	<0.01			RE	578nm	0.0012	250	50	>12	9/6/94	18:00	9/6/94	09:39	020768H20	E9C53966	E03412	19940902	03:35:38	9/1/94	12:18:00	N	N		0 SOW064
SW846 9010A	CN SW	E942450118	T0196	Cyanide	0.0375	0.0375	91.75	7.64	MS	578nm	0.0577	250	50	>12	9/6/94	18:00	9/6/94	09:39	MATRIXSPIKE	E9C53966	E03412	19940902	03:35:38	9/1/94	12:18:00	N	N		0 SOW064
SW846 9010A	CN SW	E942450118	T0196	Cyanide	0.0348	0.0348	85	7.64	DU	578nm	0.0535	250	50	>12	9/6/94	18:00	9/6/94	09:39	MSDUPLICAT	E9C53966	E03412	19940902	03:35:38	9/1/94	12:18:00	N	N		0 SOW064
SW846 9010A	CN SW	E942450116	T0194	Cyanide	0.0004	<0.01			RE	578nm	0.0011	500	50	>12	9/6/94	18:00	9/6/94	09:39	020768H20	E9C53966	E03412	19940902	03:31:59	9/1/94	12:16:00	N	N		0 SOW064
SW846 9010A	CN SW	E942430108	T0034	Cyanide	0.0007	<0.01			RE	578nm	0.002	500	50	>12	9/6/94	18:00	9/6/94	09:39	020768H20	E9C53966	E03412	19940831	02:30:00	8/24/94	12:13:00	N	N		0 SOW064
SW846 9010A	CN SW	E942430109	T0036	Cyanide	0.0007	<0.01			RE	578nm	0.0022	500	50	>12	9/6/94	18:00	9/6/94	09:39	020768H20	E9C53966	E03412	19940831	02:30:00	8/24/94	12:15:00	N	N		0 SOW064
SW846 9010A	CN SW	E942430110	T0044	Cyanide	0.0009	<0.01			RE	578nm	0.0027	500	50	>12	9/6/94	18:00	9/6/94	09:39	020768H20	E9C53966	E03412	19940831	02:30:00	8/24/94	02:11:00	N	N		0 SOW064
SW846 9010A	CN SW	E942430111	T0046	Cyanide	0.0002	<0.01			RE	578nm	0.0006	500	50	>12	9/6/94	18:00	9/6/94	09:39	020768H20	E9C53966	E03412	19940831	02:30:00	8/24/94	02:17:00	N	N		0 SOW064
SW846 9010A	CN SW	E942430112	T0054	Cyanide	0.0005	<0.01			RE	578nm	0.0015	500	50	>12	9/6/94	18:00	9/6/94	09:39	020768H20	E9C53966	E03412	19940831	02:30:00	8/25/94	11:26:00	N	N		0 SOW064
SW846 9010A	CN SW	E942430113	T0056	Cyanide	0.0005	<0.01			RE	578nm	0.0014	500	50	>12	9/6/94	18:00	9/6/94	09:39	020768H20	E9C53966	E03412	19940831	02:30:00	8/25/94	11:27:00	N	N		0 SOW064
SW846 9010A	CN SW	STANDARD		Cyanide	0.0706	0.0706			SN	578nm	0.217	500	50	>12	9/6/94	18:00	9/6/94	09:39	UNDISTILLED	E9C53966	E03412								SOW064
SW846 9010A	CN SW	BLANK		Cyanide	0	0			MB	578nm	0	500	50	<12	9/7/94	17:20	9/7/94	22:30	BLANK	E9C54316	E03412								SOW064
SW846 9010A	CN SW	LCS		Cyanide	0.0908	0.0908			CS	578nm	0.2792	500	50	>12	9/7/94	17:20	9/7/94	22:30	0.01	E9C54316	E03412								SOW064
SW846 9010A	CN SW	E942440059	T0076	Cyanide	0.0001	<0.01			RE	578nm	0.0001	250	50	>12	9/7/94	17:20	9/7/94	22:30	020768H20	E9C54316	E03412	19940901	04:12:23	8/30/94	10:38:00	N	N		0 SOW064
SW846 9010A	CN SW	E942440059	T0076	Cyanide	0.0381	0.0381	95	0.525	MS	578nm	0.0586	250	50	>12	9/7/94	17:20	9/7/94	22:30	MATRIXSPIKE	E9C54316	E03412	19940901	04:12:23	8/30/94	10:38:00	N	N		0 SOW064
SW846 9010A	CN SW	E942440059	T0076	Cyanide	0.0383	0.0383	95.5	0.525	DU	578nm	0.0585	250	50	>12	9/7/94	17:20	9/7/94	22:30	MSDUPLICAT	E9C54316	E03412	19940901	04:12:23	8/30/94	10:38:00	N	N		0 SOW064
SW846 9010A	CN SW	E942440067	T0294	Cyanide	0.0002	<0.01			RE	578nm	0.0007	500	50	>12	9/7/94	17:20	9/7/94	22:30	020768H20	E9C54316	E03412	19940901	04:19:21	8/30/94	10:38:00	N	N		0 SOW064
SW846 9010A	CN SW	E942440058	T0074	Cyanide	0	<0.01			RE	578nm	0	500	50	>12	9/7/94	17:20	9/7/94	22:30	020768H20	E9C54316	E03412	19940901	04:08:39	8/30/94	10:39:00	N	N		0 SOW064
SW846 9010A	CN SW	E942440066	T0292	Cyanide	0	<0.01			RE	578nm	0	500	50	>12	9/7/94	17:20	9/7/94	22:30	020768H20	E9C54316	E03412	19940901	04:19:03	8/30/94	10:39:00	N	N		0 SOW064
SW846 9010A	CN SW	E942440061	T0086	Cyanide	0	<0.01			RE	578nm	0.0001	500	50	>12	9/7/94	17:20	9/7/94	22:30	020768H20	E9C54316	E03412	19940901	04:17:21	8/30/94	12:16:00	N	N		0 SOW064
SW846 9010A	CN SW	E942440060	T0084	Cyanide	0	<0.01			RE	578nm	0	500	50	>12	9/7/94	17:20	9/7/94	22:30	020768H20	E9C54316	E03412	19940901	04:16:46	8/30/94	12:17:00	N	N		0 SOW064
SW846 9010A	CN SW	E942430114	T0084	Cyanide	0.0002	<0.01			RE	578nm	0.0005	500	50	>12	9/7/94	17:20	9/7/94	22:30	020768H20	E9C54316	E03412	19940831	02:30:00	8/25/94	12:58:00	N	N		0 SOW064
SW846 9010A	CN SW	E942430115	T0066	Cyanide	0.0004	<0.01			RE	578nm	0.0011	500	50	>12	9/7/94	17:20	9/7/94	22:30	020768H20	E9C54316	E03412	19940831	02:30:00	8/25/94	01:00:00	N	N		0 SOW064
SW846 9010A	CN SW	STANDARD		Cyanide	0.0738	0.0738			SN	578nm	0.2269	500	50	>12	9/7/94	17:20	9/7/94	22:30	UNDISTILLED	E9C54316	E03412								SOW064
SW846 9010A	CN SW	BLANK		Cyanide	0	0			MB	578nm	0	500	50	<12	9/8/94	20:20	9/8/94	22:06	BLANK	E9C54497	E03412								SOW064
SW846 9010A	CN SW	LCS		Cyanide	0.0981	0.0981			CS	578nm	0.3016	500	50	>12	9/8/94	20:20	9/8/94	22:06	0.01	E9C54497	E03412								SOW064
SW846 9010A	CN SW	E942440062	T0234	Cyanide	0.001	<0.01			RE	578nm	0.0016	250	50	>12	9/8/94	20:20	9/8/94	22:06	020768H20	E9C54497	E03412	19940901	04:17:49	8/31/94	10:57:00	N	N		0 SOW064
SW846 9010A	CN SW	E942440062	T0234	Cyanide	0.0395	0.0395	96.25	2.37	MS	578nm	0.0607	250	50	>12	9/8/94	20:20	9/8/94	22:06	MATRIXSPIKE	E9C54497	E03412	19940901	04:17:49	8/31/94	10:57:00	N	N		0 SOW064
SW846 9010A	CN SW	E942440062	T0234	Cyanide	0.0386	0.0386	94	2.37	DU	578nm	0.0593	250	50	>12	9/8/94	20:20	9/8/94	22:06	MSDUPLICAT	E9C54497	E03412	19940901	04:17:49	8/31/94	10:57:00	N	N		0 SOW064
SW846 9010A	CN SW	E942440063	T0236	Cyanide	0.0004	<0.01			RE	578nm	0.0011	500	50	>12	9/8/94	20:20	9/8/94	22:06	020768H20	E9C54497	E03412	19940901	04:18:08	8/31/94	10:58:				

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Lab Number	Sample Information	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/Digestate Volume	Extract/Digestate Vol. Units	Moisture %	Result	Result Units	Laborator Qualifier	Sample Analysis Method	Spike Amount	Spike Amount Units	Recovery	Recovery Units	RPD	RPD Units	Dilution Factor
84/11471	T0028		WB58	C	Aldrin	GC 4	840824	840801	840915	Sediment	SW-848 3550	30	grams	10	mL	65	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11472	T0028		WB58	C	PCB-1348	GC 4	840824	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	61	25	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11473	T0028		WB58	C	PCB-1254	GC 4	840824	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	61	46	ug/Kg	9	SW-848 8081	-	-	-	-	-	-	1
84/11473	T0029		WB58	C	PCB-1260	GC 4	840824	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	61	100	ug/Kg	8	SW-848 8081	-	-	-	-	-	-	1
84/11473	T0029		WB58	C	Toxaphene	GC 4	840824	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	61	600	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11474	T0031		WB58	C	Aldrin	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	62	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11474	T0031		WB58	C	Alpha-BHC	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	62	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11474	T0031		WB58	C	Beta-BHC	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	62	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11474	T0031		WB58	C	Gamma-BHC	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	62	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11474	T0031		WB58	C	Delta-BHC	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	62	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11474	T0031		WB58	C	Chlordane	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	62	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11474	T0031		WB58	C	PP'DDT	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	62	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11474	T0031		WB58	C	PP'DDE	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	62	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11474	T0031		WB58	C	PP'DDD	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	62	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11474	T0031		WB58	C	Dieldrin	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	62	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11474	T0031		WB58	C	Alpha-Endosulfan	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	62	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11474	T0031		WB58	C	Beta-Endosulfan	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	62	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11474	T0031		WB58	C	Endosulfan Sulfate	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	62	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11474	T0031		WB58	C	Endrin	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	62	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11474	T0031		WB58	C	Endrin Aldehyde	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	62	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11474	T0031		WB58	C	Heptachlor	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	62	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11474	T0031		WB58	C	Heptachlor Epoxide	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	62	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11474	T0031		WB58	C	PCB-1016	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	62	25	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11474	T0031		WB58	C	PCB-1221	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	62	25	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11474	T0031		WB58	C	PCB-1232	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	62	25	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11474	T0031		WB58	C	PCB-1242	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	62	25	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11474	T0031		WB58	C	PCB-1248	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	62	25	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11474	T0031		WB58	C	PCB-1264	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	62	25	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11474	T0031		WB58	C	PCB-1280	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	62	75	ug/Kg	8	SW-848 8081	-	-	-	-	-	-	1
84/11474	T0031		WB58	C	Toxaphene	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	62	600	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11475	T0048		WB58	C	Aldrin	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	67	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11475	T0048		WB58	C	Alpha-BHC	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	67	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11475	T0048		WB58	C	Beta-BHC	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	67	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11475	T0048		WB58	C	Gamma-BHC	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	67	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11475	T0048		WB58	C	Delta-BHC	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	67	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11475	T0048		WB58	C	Chlordane	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	67	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11475	T0048		WB58	C	PP'DDT	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	67	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11475	T0048		WB58	C	PP'DDE	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	67	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11475	T0048		WB58	C	PP'DDD	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	67	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11475	T0048		WB58	C	Dieldrin	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	67	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11475	T0048		WB58	C	Alpha-Endosulfan	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	67	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11475	T0048		WB58	C	Beta-Endosulfan	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	67	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11475	T0048		WB58	C	Endosulfan Sulfate	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	67	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11475	T0048		WB58	C	Endrin	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	67	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11475	T0048		WB58	C	Endrin Aldehyde	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	67	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11475	T0048		WB58	C	Heptachlor	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	67	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11475	T0048		WB58	C	Heptachlor Epoxide	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	67	10	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11476	T0043		WB58	C	PCB-1016	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	67	25	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11476	T0043		WB58	C	PCB-1221	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	67	25	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11476	T0043		WB58	C	PCB-1232	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	67	25	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11476	T0043		WB58	C	PCB-1242	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	67	25	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11476	T0043		WB58	C	PCB-1248	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	67	25	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11476	T0043		WB58	C	PCB-1264	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	67	25	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11476	T0043		WB58	C	PCB-1280	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	67	25	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11476	T0043		WB58	C	Toxaphene	GC 4	840826	840901	840915	Sediment	SW-848 3550	30	grams	10	mL	67	600	ug/Kg	U	SW-848 8081	-	-	-	-	-	-	1
84/11476	T0048																										

TABLE B-17, PCB'S AND PESTICIDES IN SEDIMENT (PAGE 3 OF 9)

Lab Number	Sample Information	Laboratory Comments	Batch	Analytics Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/Digestate Volume	Extract/Digestate Vol. Units	Moisture %	Result	Result Units	Laborator Qualifier	Sample Analysis Method	Spike Amount	Spike Amount Units	Recovery	Recovery Units	RPD	RPD Units	Dilution Factor
84/1471	T0052		WBS5	C	Aldrin	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	66	10	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1472	T0052		WBS5	C	Heptachlor Epoxide	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	71	10	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1473	T0052		WBS5	C	PCB-1016	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	71	25	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1474	T0052		WBS5	C	PCB-1221	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	71	25	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1475	T0052		WBS5	C	PCB-1232	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	71	25	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1476	T0052		WBS5	C	PCB-1242	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	71	25	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1477	T0052		WBS5	C	PCB-1248	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	71	25	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1478	T0052		WBS5	C	PCB-1254	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	71	25	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1479	T0052		WBS5	C	PCB-1280	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	71	25	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1480	T0052		WBS5	C	Toxaphene	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	71	25	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1481	T0052	Background to 84/1478, 79	WBS5	C	Aldrin	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	66	10	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1482	T0052	Background to 84/1478, 79	WBS5	C	Alpha-BHC	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	66	10	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1483	T0052	Background to 84/1478, 79	WBS5	C	Beta-BHC	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	66	10	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1484	T0052	Background to 84/1478, 79	WBS5	C	Gamma-BHC	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	66	10	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1485	T0052	Background to 84/1478, 79	WBS5	C	Delta-BHC	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	66	10	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1486	T0052	Background to 84/1478, 79	WBS5	C	Chlordane	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	66	10	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1487	T0052	Background to 84/1478, 79	WBS5	C	PP'DDT	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	66	10	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1488	T0052	Background to 84/1478, 79	WBS5	C	PP'DDE	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	66	10	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1489	T0052	Background to 84/1478, 79	WBS5	C	PP'DDD	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	66	10	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1490	T0052	Background to 84/1478, 79	WBS5	C	Dieldrin	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	66	10	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1491	T0052	Background to 84/1478, 79	WBS5	C	Alpha-Endosulfan	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	66	10	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1492	T0052	Background to 84/1478, 79	WBS5	C	Beta-Endosulfan	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	66	10	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1493	T0052	Background to 84/1478, 79	WBS5	C	Endosulfan Sulfate	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	66	10	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1494	T0052	Background to 84/1478, 79	WBS5	C	Endrin	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	66	10	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1495	T0052	Background to 84/1478, 79	WBS5	C	Endrin Aldehyde	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	66	10	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1496	T0052	Background to 84/1478, 79	WBS5	C	Heptachlor	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	66	10	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1497	T0052	Background to 84/1478, 79	WBS5	C	Heptachlor Epoxide	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	66	10	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1498	T0052	Background to 84/1478, 79	WBS5	C	PCB-1016	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	66	25	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1499	T0052	Background to 84/1478, 79	WBS5	C	PCB-1221	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	66	25	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1500	T0052	Background to 84/1478, 79	WBS5	C	PCB-1232	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	66	25	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1501	T0052	Background to 84/1478, 79	WBS5	C	PCB-1242	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	66	25	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1502	T0052	Background to 84/1478, 79	WBS5	C	PCB-1248	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	66	25	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1503	T0052	Background to 84/1478, 79	WBS5	C	PCB-1254	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	66	25	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1504	T0052	Background to 84/1478, 79	WBS5	C	PCB-1280	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	66	25	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1505	T0052	Background to 84/1478, 79	WBS5	C	Toxaphene	GC 4	840826	840801	840816	Sediment	SW-446 3550	30	grams	10	mL	66	25	ug/Kg	U	SW-446 3081	-	-	-	-	-	-	1
84/1506	QMSPS8A		WBS5	C	Aldrin	GC 4	840826	840802	840816	Sediment	SW-446 3550	30	grams	10	mL	66	800	ug/Kg	8	SW-446 3081	668.8	ug/Kg	129	%	-	-	1
84/1507	QMSPS8A		WBS5	C	Alpha-BHC	GC 4	840826	840802	840816	Sediment	SW-446 3550	30	grams	10	mL	66	-	ug/Kg	8	SW-446 3081	-	-	-	-	-	-	1
84/1508	QMSPS8A		WBS5	C	Beta-BHC	GC 4	840826	840802	840816	Sediment	SW-446 3550	30	grams	10	mL	66	-	ug/Kg	8	SW-446 3081	-	-	-	-	-	-	1
84/1509	QMSPS8A		WBS5	C	Gamma-BHC	GC 4	840826	840802	840816	Sediment	SW-446 3550	30	grams	10	mL	66	800	ug/Kg	8	SW-446 3081	868.8	ug/Kg	156	%	-	-	1
84/1510	QMSPS8A		WBS5	C	Delta-BHC	GC 4	840826	840802	840816	Sediment	SW-446 3550	30	grams	10	mL	66	-	ug/Kg	8	SW-446 3081	-	-	-	-	-	-	1
84/1511	QMSPS8A		WBS5	C	Chlordane	GC 4	840826	840802	840816	Sediment	SW-446 3550	30	grams	10	mL	66	-	ug/Kg	8	SW-446 3081	-	-	-	-	-	-	1
84/1512	QMSPS8A		WBS5	C	PP'DDT	GC 4	840826	840802	840816	Sediment	SW-446 3550	30	grams	10	mL	66	444	ug/Kg	8	SW-446 3081	668.8	ug/Kg	87	%	-	-	1
84/1513	QMSPS8A		WBS5	C	PP'DDE	GC 4	840826	840802	840816	Sediment	SW-446 3550	30	grams	10	mL	66	-	ug/Kg	8	SW-446 3081	-	-	-	-	-	-	1
84/1514	QMSPS8A		WBS5	C	PP'DDD	GC 4	840826	840802	840816	Sediment	SW-446 3550	30	grams	10	mL	66	-	ug/Kg	8	SW-446 3081	-	-	-	-	-	-	1
84/1515	QMSPS8A		WBS5	C	Dieldrin	GC 4	840826	840802	840816	Sediment	SW-446 3550	30	grams	10	mL	66	788	ug/Kg	8	SW-446 3081	668.8	ug/Kg	118	%	-	-	1
84/1516	QMSPS8A		WBS5	C	Alpha-Endosulfan	GC 4	840826	840802	840816	Sediment	SW-446 3550	30	grams	10	mL	66	-	ug/Kg	8	SW-446 3081	-	-	-	-	-	-	1
84/1517	QMSPS8A		WBS5	C	Beta-Endosulfan	GC 4	840826	840802	840816	Sediment	SW-446 3550	30	grams	10	mL	66	-	ug/Kg	8	SW-446 3081	-	-	-	-	-	-	1
84/1518	QMSPS8A		WBS5	C	Endosulfan Sulfate	GC 4	840826	840802	840816	Sediment	SW-446 3550	30	grams	10	mL	66	-	ug/Kg	8	SW-446 3081	-	-	-	-	-	-	1
84/1519	QMSPS8A		WBS5	C	Endrin	GC 4	840826	840802	840816	Sediment	SW-446 3550	30	grams	10	mL	66	873	ug/Kg	8	SW-446 3081	668.8	ug/Kg	151	%	-	-	1
84/1520	QMSPS8A		WBS5	C	Endrin Aldehyde	GC 4	840826	840802	840816	Sediment	SW-446 3550	30	grams	10	mL	66	-	ug/Kg	8	SW-446 3081	-	-	-	-	-	-	1
84/1521	QMSPS8A		WBS5	C	Heptachlor	GC 4	840826	840802	840816	Sediment	SW-446 3550	30	grams	10	mL	66	861	ug/Kg	8	SW-446 3081	868.8	ug/Kg	128	%	-	-	1
84/1522	QMSPS8A		WBS5	C	Heptachlor Epoxide	GC 4	840826	840802	840816	Sediment	SW-446 3550	30	grams	10	mL	66	-	ug/Kg	8	SW-446 3081	-	-	-	-	-	-	1
84/1523	QMSPS8A		WBS5	C	PCB-1016	GC 4	840826	840802	840816	Sediment	SW-446 3550	30	grams	10	mL	66	-	ug/Kg	8								

TABLE B-17, PCB'S AND PESTICIDES IN SEDIMENT (PAGE 4 OF 9)

Lab Number	Sample Information	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extraction Volume	Extraction Digestate Vol. Units	Molality %	Result	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike Amount	Spike Amount Units	Recovery	Recovery Units	RPD	RPD Units	Dilution Factor
84/11471	T903E		WBSE	C	Aldrin	GC 4	840826	840901	840915	Sediment	SW-446 3550	30	grams	10	ml	85	10.	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11472	QMSD58A		WBSE	C	Beta-Endosulfan	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	85	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11473	QMSD58A		WBSE	C	Endosulfan Sulfate	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	85	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11474	QMSD58A		WBSE	C	Endrin	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	85	867.	ug/Kg	U	SW-446 3551	868.6	ug/Kg	138	%	8.7	%	1
84/11475	QMSD58A		WBSE	C	Endrin Aldehyde	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	85	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11476	QMSD58A		WBSE	C	Heptachlor	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	85	882.	ug/Kg	U	SW-446 3551	888.6	ug/Kg	128	%	1.1	%	1
84/11477	QMSD58A		WBSE	C	Heptachlor Epoxide	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	85	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11478	QMSD58A		WBSE	C	PCB-1918	GC 4	840826	840901	840915	Sediment	SW-446 3550	30	grams	10	ml	85	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11479	QMSD58A		WBSE	C	PCB-1221	GC 4	840826	840901	840915	Sediment	SW-446 3550	30	grams	10	ml	85	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11480	QMSD58A		WBSE	C	PCB-1232	GC 4	840826	840901	840915	Sediment	SW-446 3550	30	grams	10	ml	85	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11481	QMSD58A		WBSE	C	PCB-1242	GC 4	840826	840901	840915	Sediment	SW-446 3550	30	grams	10	ml	85	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11482	QMSD58A		WBSE	C	PCB-1248	GC 4	840826	840901	840915	Sediment	SW-446 3550	30	grams	10	ml	85	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11483	QMSD58A		WBSE	C	PCB-1254	GC 4	840826	840901	840915	Sediment	SW-446 3550	30	grams	10	ml	85	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11484	QMSD58A		WBSE	C	PCB-1260	GC 4	840826	840901	840915	Sediment	SW-446 3550	30	grams	10	ml	85	374.	ug/Kg	U	SW-446 3551	400.	ug/Kg	84	%	7.7	%	1
84/11485	QMSD58A		WBSE	C	Toxaphene	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	85	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11486	QMSD58A		WBSE	C	Aldrin	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	-	851.	ug/Kg	U	SW-446 3551	868.6	ug/Kg	85	%	-	-	1
84/11487	QMSD58A		WBSE	C	Alpha-BHC	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	-	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11488	QMSD58A		WBSE	C	Beta-BHC	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	-	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11489	QMSD58A		WBSE	C	Gamma-BHC	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	-	714.	ug/Kg	U	SW-446 3551	868.6	ug/Kg	107	%	-	-	1
84/11490	QMSD58A		WBSE	C	Delta-BHC	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	-	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11491	QMSD58A		WBSE	C	Chlordane	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	-	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11492	QMSD58A		WBSE	C	P'P'DDT	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	-	440.	ug/Kg	U	SW-446 3551	868.6	ug/Kg	86	%	-	-	1
84/11493	QMSD58A		WBSE	C	P'P'DDE	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	-	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11494	QMSD58A		WBSE	C	P'P'DDD	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	-	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11495	QMSD58A		WBSE	C	Dieldrin	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	-	702.	ug/Kg	U	SW-446 3551	868.6	ug/Kg	106	%	-	-	1
84/11496	QMSD58A		WBSE	C	Alpha-Endosulfan	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	-	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11497	QMSD58A		WBSE	C	Beta-Endosulfan	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	-	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11498	QMSD58A		WBSE	C	Endosulfan Sulfate	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	-	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11499	QMSD58A		WBSE	C	Endrin	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	-	777.	ug/Kg	U	SW-446 3551	868.6	ug/Kg	116	%	-	-	1
84/11500	QMSD58A		WBSE	C	Endrin Aldehyde	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	-	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11501	QMSD58A		WBSE	C	Heptachlor	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	-	819.	ug/Kg	U	SW-446 3551	868.6	ug/Kg	83	%	-	-	1
84/11502	QMSD58A		WBSE	C	Heptachlor Epoxide	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	-	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11503	QMSD58A		WBSE	C	PCB-1918	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	-	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11504	QMSD58A		WBSE	C	PCB-1221	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	-	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11505	QMSD58A		WBSE	C	PCB-1232	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	-	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11506	QMSD58A		WBSE	C	PCB-1242	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	-	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11507	QMSD58A		WBSE	C	PCB-1248	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	-	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11508	QMSD58A		WBSE	C	PCB-1254	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	-	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11509	QMSD58A		WBSE	C	PCB-1260	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	-	373.	ug/Kg	U	SW-446 3551	400.	ug/Kg	83	%	-	-	1
84/11510	QMSD58A		WBSE	C	Toxaphene	GC 4	840826	840902	840915	Sediment	SW-446 3550	30	grams	10	ml	-	-	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11511	QMTB58A		WBSE	C	Aldrin	GC 4	840826	840901	840915	Sediment	SW-446 3550	30	grams	10	ml	-	10.	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11512	QMTB58A		WBSE	C	Alpha-BHC	GC 4	840826	840901	840915	Sediment	SW-446 3550	30	grams	10	ml	-	10.	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11513	QMTB58A		WBSE	C	Beta-BHC	GC 4	840826	840901	840915	Sediment	SW-446 3550	30	grams	10	ml	-	10.	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11514	QMTB58A		WBSE	C	Gamma-BHC	GC 4	840826	840901	840915	Sediment	SW-446 3550	30	grams	10	ml	-	10.	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11515	QMTB58A		WBSE	C	Delta-BHC	GC 4	840826	840901	840915	Sediment	SW-446 3550	30	grams	10	ml	-	10.	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11516	QMTB58A		WBSE	C	Chlordane	GC 4	840826	840901	840915	Sediment	SW-446 3550	30	grams	10	ml	-	10.	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11517	QMTB58A		WBSE	C	P'P'DDT	GC 4	840826	840901	840915	Sediment	SW-446 3550	30	grams	10	ml	-	10.	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11518	QMTB58A		WBSE	C	P'P'DDE	GC 4	840826	840901	840915	Sediment	SW-446 3550	30	grams	10	ml	-	10.	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11519	QMTB58A		WBSE	C	P'P'DDD	GC 4	840826	840901	840915	Sediment	SW-446 3550	30	grams	10	ml	-	10.	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11520	QMTB58A		WBSE	C	Dieldrin	GC 4	840826	840901	840915	Sediment	SW-446 3550	30	grams	10	ml	-	10.	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11521	QMTB58A		WBSE	C	Alpha-Endosulfan	GC 4	840826	840901	840915	Sediment	SW-446 3550	30	grams	10	ml	-	10.	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11522	QMTB58A		WBSE	C	Beta-Endosulfan	GC 4	840826	840901	840915	Sediment	SW-446 3550	30	grams	10	ml	-	10.	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11523	QMTB58A		WBSE	C	Endosulfan Sulfate	GC 4	840826	840901	840915	Sediment	SW-446 3550	30	grams	10	ml	-	10.	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11524	QMTB58A		WBSE	C	Endrin	GC 4	840826	840901	840915	Sediment	SW-446 3550	30	grams	10	ml	-	10.	ug/Kg	U	SW-446 3551	-	-	-	-	-	-	1
84/11525	QMTB58A		WBSE	C	Endrin Aldehyde	GC 4	840826	840

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TABLE B-17. PCB'S AND PESTICIDES IN SEDIMENT (PAGE 7 OF 9)

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TABLE B-17, PCB'S AND PESTICIDES IN SEDIMENT (PAGE 8 OF 9)

Lab Number	Sample Information	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Molality %	Result	Result Units	Laboratory Qualifier	Sample Analyte Method	Spike Amount	Spike Amount Units	Recovery	Recovery Units	RPD	RPD Units	Dilution Factor
84/11471	T0038		WB58	C	Aldrin	GC 4	840824	840901	841013	Sediment	SW-446 3550	16	grams	10	ml	66	10.	ug/Kg	U	SW-446 3551							1
84/12002	QMSPSB		WB58	C	Heptachlor Epoxide	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76		ug/Kg	8	SW-446 3551							1
84/12002	QMSPSB		WB58	C	PCB-1016	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76		ug/Kg	8	SW-446 3551							1
84/12002	QMSPSB		WB58	C	PCB-1221	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76		ug/Kg	8	SW-446 3551							1
84/12002	QMSPSB		WB58	C	PCB-1232	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76		ug/Kg	8	SW-446 3551							1
84/12002	QMSPSB		WB58	C	PCB-1242	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76		ug/Kg	8	SW-446 3551							1
84/12002	QMSPSB		WB58	C	PCB-1248	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76		ug/Kg	8	SW-446 3551							1
84/12002	QMSPSB		WB58	C	PCB-1254	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76		ug/Kg	8	SW-446 3551							1
84/12002	QMSPSB		WB58	C	PCB-1260	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76		ug/Kg	8	SW-446 3551							1
84/12002	QMSPSB		WB58	C	Toxaphene	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76		ug/Kg	8	SW-446 3551							1
84/12003	QMSDSB		WB58	C	Aldrin	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76	433.	ug/Kg	8	SW-446 3551	666.6	ug/Kg	88	%	21.8	%	1
84/12003	QMSDSB		WB58	C	Alpha-BHC	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76		ug/Kg	8	SW-446 3551							1
84/12003	QMSDSB		WB58	C	Beta-BHC	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76		ug/Kg	8	SW-446 3551							1
84/12003	QMSDSB		WB58	C	Gamma-BHC	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76	447.	ug/Kg	8	SW-446 3551	666.6	ug/Kg	61	%	18.8	%	1
84/12003	QMSDSB		WB58	C	Delta-BHC	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76		ug/Kg	8	SW-446 3551							1
84/12003	QMSDSB		WB58	C	Chlordane	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76		ug/Kg	8	SW-446 3551							1
84/12003	QMSDSB		WB58	C	P,P'-DDT	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76	186.	ug/Kg	8	SW-446 3551	666.6	ug/Kg	28	%	3.17	%	1
84/12003	QMSDSB		WB58	C	P,P'-DDE	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76		ug/Kg	8	SW-446 3551							1
84/12003	QMSDSB		WB58	C	P,P'-DDD	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76		ug/Kg	8	SW-446 3551							1
84/12003	QMSDSB		WB58	C	Dieldrin	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76	488.	ug/Kg	8	SW-446 3551	666.6	ug/Kg	76	%	20.8	%	1
84/12003	QMSDSB		WB58	C	Alpha-Endosulfan	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76		ug/Kg	8	SW-446 3551							1
84/12003	QMSDSB		WB58	C	Beta-Endosulfan	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76		ug/Kg	8	SW-446 3551							1
84/12003	QMSDSB		WB58	C	Endosulfan Sulfate	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76		ug/Kg	8	SW-446 3551							1
84/12003	QMSDSB		WB58	C	Endrin	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76	888.	ug/Kg	8	SW-446 3551	666.6	ug/Kg	86	%	20.8	%	1
84/12003	QMSDSB		WB58	C	Endrin Aldhyde	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76		ug/Kg	8	SW-446 3551							1
84/12003	QMSDSB		WB58	C	Heptachlor	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76	403.	ug/Kg	8	SW-446 3551	666.6	ug/Kg	61	%	19.1	%	1
84/12003	QMSDSB		WB58	C	Heptachlor Epoxide	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76		ug/Kg	8	SW-446 3551							1
84/12003	QMSDSB		WB58	C	PCB-1016	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76		ug/Kg	8	SW-446 3551							1
84/12003	QMSDSB		WB58	C	PCB-1221	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76		ug/Kg	8	SW-446 3551							1
84/12003	QMSDSB		WB58	C	PCB-1232	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76		ug/Kg	8	SW-446 3551							1
84/12003	QMSDSB		WB58	C	PCB-1242	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76		ug/Kg	8	SW-446 3551							1
84/12003	QMSDSB		WB58	C	PCB-1248	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76		ug/Kg	8	SW-446 3551							1
84/12003	QMSDSB		WB58	C	PCB-1254	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76		ug/Kg	8	SW-446 3551							1
84/12003	QMSDSB		WB58	C	PCB-1260	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76		ug/Kg	8	SW-446 3551							1
84/12003	QMSDSB		WB58	C	Toxaphene	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml	76		ug/Kg	8	SW-446 3551							1
84/12004	QLCSSB		WB58	C	Aldrin	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml		1238.	ug/Kg	8	SW-446 3551	1333.3	ug/Kg	82	%			1
84/12004	QLCSSB		WB58	C	Alpha-BHC	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml			ug/Kg	8	SW-446 3551							1
84/12004	QLCSSB		WB58	C	Beta-BHC	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml			ug/Kg	8	SW-446 3551							1
84/12004	QLCSSB		WB58	C	Gamma-BHC	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml		1243.	ug/Kg	8	SW-446 3551	1333.3	ug/Kg	93	%			1
84/12004	QLCSSB		WB58	C	Delta-BHC	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml			ug/Kg	8	SW-446 3551							1
84/12004	QLCSSB		WB58	C	Chlordane	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml			ug/Kg	8	SW-446 3551							1
84/12004	QLCSSB		WB58	C	P,P'-DDT	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml		1078.	ug/Kg	8	SW-446 3551	1333.3	ug/Kg	81	%			1
84/12004	QLCSSB		WB58	C	P,P'-DDE	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml			ug/Kg	8	SW-446 3551							1
84/12004	QLCSSB		WB58	C	P,P'-DDD	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml			ug/Kg	8	SW-446 3551							1
84/12004	QLCSSB		WB58	C	Dieldrin	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml		1268.	ug/Kg	8	SW-446 3551	1333.3	ug/Kg	102	%			1
84/12004	QLCSSB		WB58	C	Alpha-Endosulfan	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml			ug/Kg	8	SW-446 3551							1
84/12004	QLCSSB		WB58	C	Beta-Endosulfan	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml			ug/Kg	8	SW-446 3551							1
84/12004	QLCSSB		WB58	C	Endosulfan Sulfate	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml			ug/Kg	8	SW-446 3551							1
84/12004	QLCSSB		WB58	C	Endrin	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml		1023.	ug/Kg	8	SW-446 3551	1333.3	ug/Kg	114	%			1
84/12004	QLCSSB		WB58	C	Endrin Aldhyde	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml			ug/Kg	8	SW-446 3551							1
84/12004	QLCSSB		WB58	C	Heptachlor	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml		1207.	ug/Kg	8	SW-446 3551	1333.3	ug/Kg	81	%			1
84/12004	QLCSSB		WB58	C	Heptachlor Epoxide	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml			ug/Kg	8	SW-446 3551							1
84/12004	QLCSSB		WB58	C	PCB-1016	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml			ug/Kg	8	SW-446 3551							1
84/12004	QLCSSB		WB58	C	PCB-1221	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml			ug/Kg	8	SW-446 3551							1
84/12004	QLCSSB		WB58	C	PCB-1232	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml			ug/Kg	8	SW-446 3551							1
84/12004	QLCSSB		WB58	C	PCB-1242	GC 4	840802	840908	841013	Sediment	SW-446 3550	16	grams	6	ml			ug/Kg	8	SW-446 3551							1
84/12004	QLCSSB		WB																								

TABLE B-18, GCMS SEMIVOLATILE ORGANICS IN SEDIMENT (PAGE 1 OF 29)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/Digestate Volume	Extract/Digestate Vol. Units	Moisture %	Result	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike Amt/Units	Recovery %	RPD %	Dilution Factor
94/1199	T0078		WBS8B	D	Acenaphthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	Acenaphthylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	Anthrance	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	Benzo(a)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	Benzo(b)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	Benzo(ghi)perylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	Benzo(k)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	Benzo(a)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	Benzyl alcohol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	Butyl benzyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	Bis(2-ethylhexyl)phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	Bis(2-chloroethoxy)methane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	Bis(2-chloroethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	Bis(2-chloro-1-methylethyl)etha	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	4-Bromophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	2-Chloronaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	4-Chlorophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	2-Chlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	p-Chloroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	4-chloro-3-methylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	Chrysene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	Dibenz(a,h)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	Dibenzofuran	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	2,4-Dichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	3,3'-Dichlorobenzidine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.83	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	1,3-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	1,2-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	1,4-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	Diethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	Dimethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	4,6-Dinitro-o-cresol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	2,4-Dimethylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	2,4-Dinitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	2,4-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	2,6-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	Di-n-butyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	Di-n-octyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0078		WBS8B	D	Fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1

TABLE B-18, GCMS SEMIVOLATILE ORGANICS IN SEDIMENT (PAGE 3 OF 29)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike AmU/Units	Recovery %	RPD %	Dilution Factor
94/1199	T0296		WBS8B	D	4-Chlorophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	2-Chlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	p-Chloroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	4-chloro-3-methylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.67	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	Chrysene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	Dibenz(a,h)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	Dibenzofuran	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	2,4-Dichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	3,3'-Dichlorobenzidine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.83	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	1,3-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	1,2-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	1,4-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	Diethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	Dimethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	4,6-Dinitro-o-cresol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	1.0	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	2,4-Dimethylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	2,4-Dinitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.67	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	2,4-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	2,6-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	Di-n-butyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	Di-n-octyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	Fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	Fluorene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	Hexachlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	Hexachlorobutadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	Hexachlorocyclopentadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	Hexachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	Indeno(1,2,3-cd)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	Isophorone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	2-Methylnaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	2-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	4-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	Naphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	1,4-Naphthoquinone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.67	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	Nitrobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	m-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	o-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	p-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	o-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	p-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	1.0	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	N-Nitrosodiphenylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	N-Nitrosodi-n-propylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	Pentachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.67	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	Pentachlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	1.0	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	Phenanthrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	Phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	Pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	1,2,4-Trichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	2,4,6-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0296		WBS8B	D	2,4,6-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.19	grams	1	ml	70	0.67	mg/Kg	U	SW-846 8270				1
94/1199	T0088		WBS8B	D	Acenaphthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.66	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0088		WBS8B	D	Acenaphthylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.66	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0088		WBS8B	D	Anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.66	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0088		WBS8B	D	Benzo(a)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.66	grams	1	ml	66	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0088		WBS8B	D	Benzo(b)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.66	grams	1	ml	66	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0088		WBS8B	D	Benzo(g)h)perylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.66	grams	1	ml	66	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0088		WBS8B	D	Benzo(k)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.66	grams	1	ml	66	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0088		WBS8B	D	Benzo(a)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.66	grams	1	ml									

TABLE B-18, GCMS SEMIVOLATILE ORGANICS IN SEDIMENT (PAGE 4 OF 29)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike Amt/Units	Recovery %	RPD %	Dilution Factor
94/1199	T0088		WBS8B	D	Bis(2-ethylhexyl)phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	Bis(2-chloroethoxy)methane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	Bis(2-chloroethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	Bis(2-chloro-1-methylethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	4-Bromophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	2-Chloronaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	4-Chlorophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	2-Chlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	p-Chloroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	4-chloro-3-methylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.67	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	Chrysene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	Dibenz(a,h)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	Dibenzofuran	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	2,4-Dichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	3,3'-Dichlorobenzidine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.83	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	1,3-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	1,2-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	1,4-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	Diethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	Dimethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	4,6-Dinitro-o-cresol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	1.0	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	2,4-Dimethylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	2,4-Dinitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.67	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	2,4-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	2,6-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	Di-n-butyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	Di-n-octyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	Fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	Fluorene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	Hexachlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	Hexachlorobutadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	Hexachlorocyclopentadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	Hexachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	Indeno(1,2,3-cd)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	Isophorone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	2-Methylnaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	2-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	4-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	Naphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	1,4-Naphthoquinone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.67	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	Nitrobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	m-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	o-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	p-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	o-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	p-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	1.0	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	N-Nitrosodiphenylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	N-Nitrosodi-n-propylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	Pentachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.67	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	Pentachlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	1.0	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	Phenanthrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	Phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	Pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	1,2,4-Trichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	2,4,5-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0088		WBS8B	D	2,4,6-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.56	grams	1	ml	66	0.67	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0238		WBS8B	D	Acenaphthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	63	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1199	T0238		WBS8B	D	Acenaphthylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30												

TABLE B-18, GCMS SEMIVOLATILE ORGANICS IN SEDIMENT (PAGE 5 OF 29)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extraction Volume	Extraction Digestate Vol. Units	Moisture %	Result	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike Am/Units	Recovery %	RPO %	Dilution Factor
94/1199	T0238		WBS8B	D	Benzo(b)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Benzo(ghi)perylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Benzo(k)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Benzo(a)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Benzyl alcohol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Butyl benzyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Bis(2-ethylhexyl)phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Bis(2-chloroethoxy)methane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Bis(2-chloroethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Bis(2-chloro-1-methylethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	4-Bromophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	2-Chloronaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	4-Chlorophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	2-Chlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	p-Chloroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	4-chloro-3-methylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.67	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Chrysene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Dibenz(a,h)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Dibenzofuran	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	2,4-Dichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	3,3'-Dichlorobenzidine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.83	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	1,3-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	1,2-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	1,4-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Diethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Dimethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	4,6-Dinitro-o-cresol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	1.0	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	2,4-Dimethylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	2,4-Dinitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.67	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	2,4-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	2,6-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Di-n-butyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Di-n-octyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Fluorene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Hexachlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Hexachlorobutadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Hexachlorocyclopentadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Hexachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Indeno(1,2,3-cd)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Isophorone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	2-Methylnaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	2-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	4-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Naphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	1,4-Naphthoquinone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.67	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Nitrobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	m-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	o-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	p-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	o-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	p-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	1.0	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	N-Nitrosodiphenylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	N-Nitrosodi-n-propylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Pentachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.67	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Pentachlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	1	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Phenanthrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	Phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams											

TABLE B-18, GCMS SEMIVOLATILE ORGANICS IN SEDIMENT (PAGE 6 OF 29)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Molsture %	Result	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike Am/Units	Recovery %	RPD %	Dilution Factor
94/1199	T0238		WBS8B	D	2,4,5-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0238		WBS8B	D	2,4,6-Trichlorophenol	Mustang1	940830	940908	941010	Sediment	SW-846 3550	30.21	grams	1	ml	53	0.67	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Acenaphthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Acenaphthylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Benzo(a)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Benzo(b)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Benzo(ghi)perylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Benzo(k)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Benzo(a)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Benzyl alcohol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Butyl benzyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Bis(2-ethylhexyl)phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Bis(2-chloroethoxy)methane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Bis(2-chloroethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Bis(2-chloro-1-methylethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	4-Bromophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	2-Chloronaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	4-Chlorophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	2-Chlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	p-Chloroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	4-chloro-3-methylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.67	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Chrysene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Dibenz(a,h)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Dibenzofuran	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	2,4-Dichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	3,3'-Dichlorobenzidine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.83	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	1,3-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	1,2-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	1,4-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Diethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Dimethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	4,6-Dinitro-o-cresol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	1.0	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	2,4-Dimethylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	2,4-Dinitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.67	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	2,4-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	2,6-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Di-n-butyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Di-n-octyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Fluorene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Hexachlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Hexachlorobutadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Hexachlorocyclopentadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Hexachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Indeno(1,2,3-cd)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Isophorone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	2-Methylnaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	2-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	4-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Naphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	1,4-Naphthoquinone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.67	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Nitrobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	m-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	o-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	p-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.33	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	o-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	p-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550													

TABLE B-18, GCMS SEMIVOLATILE ORGANICS IN SEDIMENT (PAGE 7 OF 29)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike Amt/Units	Recovery %	RPD	Dilution Factor
94/1199	T0248		WBS8B	D	Pentachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.67	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Pentachlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	1.0	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Phenanthrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	Pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	1,2,4-Trichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	2,4,5-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.17	mg/Kg	U	SW-846 8270				1
94/1199	T0248		WBS8B	D	2,4,6-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.03	grams	1	ml	60	0.67	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Acenaphthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Acenaphthylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Benzo(a)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Benzo(b)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Benzo(ghi)perylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Benzo(k)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Benzo(a)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Benzyl alcohol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Butyl benzyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Bis(2-ethylhexyl)phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Bis(2-chloroethoxy)methane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Bis(2-chloroethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Bis(2-chloro-1-methylethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	4-Bromophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	2-Chloronaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	4-Chlorophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	2-Chlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	p-Chloroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	4-chloro-3-methylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Chrysene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Dibenz(a,h)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Dibenzofuran	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	2,4-Dichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	3,3'-Dichlorobenzidine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.83	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	1,3-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	1,2-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	1,4-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Diethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Dimethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	4,6-Dinitro-o-cresol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	2,4-Dimethylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	2,4-Dinitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	2,4-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	2,6-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Di-n-butyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Di-n-octyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Fluorene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Hexachlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Hexachlorobutadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Hexachlorocyclopentadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Hexachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Indeno(1,2,3-cd)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Isophorone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	2-Methylnaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	2-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	4-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	Naphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0198		WBS8B	D	1,4-Naphthoquinone	Mustang1	940830	940908	941018	Sediment	SW-846 3550													

TABLE B-18, GCMS SEMIVOLATILE ORGANICS IN SEDIMENT (PAGE 8 OF 29)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike Amt/Units	Recovery %	RPD %	Dilution Factor
94/1200	T0198		WBS8B	D	o-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0198		WBS8B	D	p-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0198		WBS8B	D	o-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0198		WBS8B	D	p-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0198		WBS8B	D	N-Nitrosodiphenylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0198		WBS8B	D	N-Nitrosodi-n-propylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0198		WBS8B	D	Pentachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0198		WBS8B	D	Pentachlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0198		WBS8B	D	Phenanthrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0198		WBS8B	D	Phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0198		WBS8B	D	Pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0198		WBS8B	D	1,2,4-Trichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0198		WBS8B	D	2,4,5-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0198		WBS8B	D	2,4,6-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.02	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	Acenaphthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	Acenaphthylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	Anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	Benzo(a)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	Benzo(b)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	Benzo(g,h)perylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	Benzo(k)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	Benzo(a)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	Benzyl alcohol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	Butyl benzyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	Bis(2-ethylhexyl)phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	Bis(2-chloroethoxy)methane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	Bis(2-chloroethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	Bis(2-chloro-1-methylethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	4-Bromophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	2-Chloronaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	4-Chlorophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	2-Chlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	p-Chloroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	4-chloro-3-methylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.67	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	Chrysene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	Dibenz(a,h)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	Dibenzofuran	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	2,4-Dichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	3,3'-Dichlorobenzidine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.83	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	1,3-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	1,2-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	1,4-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	Diethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	Dimethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	4,6-Dinitro-o-cresol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	1.0	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	2,4-Dimethylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	2,4-Dinitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.67	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	2,4-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	2,6-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	Di-n-butyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	Di-n-octyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	Fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	Fluorene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	Hexachlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	Hexachlorobutadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	Hexachlorocyclopentadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	Hexachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	T0078		WBS8B	D	Indeno(1,2,3-cd)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550													

TABLE B-18, GCMS SEMIVOLATILE ORGANICS IN SEDIMENT (PAGE 9 OF 29)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/Digestate Volume	Extract/Digestate Vol. Units	Moisture %	Result	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike Amt/Units	Recovery %	RPD %	Dilution Factor
94/1200	T0078		WBS8B	D	2-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270				1
94/1200	T0078		WBS8B	D	4-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270				1
94/1200	T0078		WBS8B	D	Naphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0078		WBS8B	D	1,4-Naphthoquinone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.67	mg/Kg	U	SW-846 8270				1
94/1200	T0078		WBS8B	D	Nitrobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0078		WBS8B	D	m-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0078		WBS8B	D	o-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0078		WBS8B	D	p-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270				1
94/1200	T0078		WBS8B	D	o-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0078		WBS8B	D	p-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0078		WBS8B	D	N-Nitrosodiphenylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0078		WBS8B	D	N-Nitrosodi-n-propylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0078		WBS8B	D	Pentachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.67	mg/Kg	U	SW-846 8270				1
94/1200	T0078		WBS8B	D	Pentachlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	1.0	mg/Kg	U	SW-846 8270				1
94/1200	T0078		WBS8B	D	Phenanthrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0078		WBS8B	D	Phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0078		WBS8B	D	Pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0078		WBS8B	D	1,2,4-Trichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0078		WBS8B	D	2,4,6-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	T0078		WBS8B	D	2,4,6-Trichlorophenol	Mustang1	940830	940908	941010	Sediment	SW-846 3550	30.44	grams	1	ml	76	0.67	mg/Kg	U	SW-846 8270				1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Acenaphthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	3.6	mg/Kg		SW-846 8270	3.3	mg/Kg	106	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Acenaphthylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Benzo(a)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270				1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Benzo(b)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270				1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Benzo(ghi)perylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270				1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Benzo(k)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270				1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Benzo(a)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270				1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Benzyl alcohol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270				1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Butyl benzyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Bis(2-ethylhexyl)phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Bis(2-chloroethoxy)methane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Bis(2-chloroethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Bis(2-chloro-1-methylethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	4-Bromophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	2-Chloronaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	4-Chlorophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	2-Chlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	6.07	mg/Kg		SW-846 8270	6.7	mg/Kg	91	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	p-Chloroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	4-chloro-3-methylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	6.27	mg/Kg		SW-846 8270	6.7	mg/Kg	94	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Chrysene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270				1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Dibenz(a,h)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270				1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Dibenzofuran	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	2,4-Dichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270				1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	3,3'-Dichlorobenzidine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.83	mg/Kg	U	SW-846 8270				1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	1,3-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	1,2-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	1,4-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	3.7	mg/Kg		SW-846 8270	3.3	mg/Kg	111	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Diethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Dimethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	4,6-Dinitro-o-cresol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	1.0	mg/Kg	U	SW-846 8270				1

TABLE B-18, GCMS SEMIVOLATILE ORGANICS IN SEDIMENT (PAGE 10 OF 29)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/Digestate Volume	Extract/Digestate Vol. Units	Moisture %	Result	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike Amt/Units	Recovery %	RPD %	Dilution Factor
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	2,4-Dimethylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	2,4-Dinitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.67	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	2,4-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	3.36	mg/Kg	.	SW-846 8270	3.3	mg/Kg	101	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	2,6-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Di-n-butyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Di-n-octyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Fluorene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Hexachlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Hexachlorobutadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Hexachlorocyclopentadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Hexachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Indeno(1,2,3-cd)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Isophorone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	2-Methylnaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	2-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	4-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Naphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	1,4-Naphthoquinone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.67	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Nitrobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	m-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	o-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	p-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	o-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	p-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	6.7	mg/Kg	.	SW-846 8270	6.7	mg/Kg	101	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	N-Nitrosodiphenylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	N-Nitrosodi-n-propylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	3.3	mg/Kg	.	SW-846 8270	3.3	mg/Kg	99	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Pentachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.67	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Pentachlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	6.9	mg/Kg	.	SW-846 8270	6.7	mg/Kg	103	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Phenanthrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	6.8	mg/Kg	.	SW-846 8270	6.7	mg/Kg	102	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	3.8	mg/Kg	.	SW-846 8270	3.3	mg/Kg	114	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	1,2,4-Trichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	2.86	mg/Kg	.	SW-846 8270	3.3	mg/Kg	86	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	2,4,5-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	2,4,6-Trichlorophenol	Mustang1	940830	940908	941010	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.67	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Acenaphthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	3.7	mg/Kg	.	SW-846 8270	3.3	mg/Kg	111	2
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Acenaphthylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Benzo(a)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Benzo(b)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Benzo(ghi)perylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Benzo(k)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Benzo(a)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Benzyl alcohol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Butyl benzyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1200	QMSPS8B01	0906:BG11	WBS8B	D	Bis(2-ethylhexyl)phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1

TABLE B-18, GCMS SEMIVOLATILE ORGANICS IN SEDIMENT (PAGE 11 OF 29)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike Amt/Units	Recovery %	RPD %	Dilution Factor	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	Bis(2-chloroethoxy)methane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	Bis(2-chloroethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	Bis(2-chloro-1-methylethyl)et	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	4-Bromophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	2-Chloronaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	4-Chlorophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	2-Chlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	6.54	mg/Kg	.	SW-846 8270	6.7	mg/Kg	98	8	1
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	p-Chloroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	4-chloro-3-methylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	6.0	mg/Kg	.	SW-846 8270	6.7	mg/Kg	75	22	1
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	Chrysene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	Dibenz(a,h)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	Dibenzofuran	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	2,4-Dichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	3,3'-Dichlorobenzidine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.83	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	1,3-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	1,2-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	1,4-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	2.3	mg/Kg	.	SW-846 8270	3.3	mg/Kg	69	47	1
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	Diethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	Dimethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	4,6-Dinitro-o-cresol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	1.0	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	2,4-Dimethylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	2,4-Dinitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.67	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	2,4-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	3.0	mg/Kg	.	SW-846 8270	3.3	mg/Kg	90	11	1
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	2,6-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	Di-n-butyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	Di-n-octyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	Fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	Fluorene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	Hexachlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	Hexachlorobutadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	Hexachlorocyclopentadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	Hexachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	Indeno(1,2,3-cd)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	Isophorone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	2-Methylnaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	2-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	4-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	Naphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	1,4-Naphthoquinone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.67	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	Nitrobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	m-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	o-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	p-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	o-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	p-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	6.8	mg/Kg	.	SW-846 8270	6.7	mg/Kg	102	1	1
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	N-Nitrosodiphenylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1	

TABLE B-18, GCMS SEMIVOLATILE ORGANICS IN SEDIMENT (PAGE 12 OF 29)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike Amt/Units	Recovery %	RPD %	Dilution Factor	
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	N-Nitrosodi-n-propylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	3.16	mg/Kg	.	SW-846 8270	3.3	mg/Kg	95	4	1
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	Pentachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.67	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	Pentachlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	6.3	mg/Kg	.	SW-846 8270	6.7	mg/Kg	95	8	1
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	Phenanthrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	Phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	6.87	mg/Kg	.	SW-846 8270	6.7	mg/Kg	103	1	1
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	Pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	3.4	mg/Kg	.	SW-846 8270	3.3	mg/Kg	102	11	1
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	1,2,4-Trichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	2.69	mg/Kg	.	SW-846 8270	3.3	mg/Kg	81	9	1
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	2,4,5-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QMSDS8B01	0906:BG11	WBS8B	D	2,4,6-Trichlorophenol	Mustang1	940830	940908	941010	Sediment	SW-846 3550	30.25	grams	1	ml	76	0.67	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Acenaphthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.17	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Acenaphthylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.17	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	3.36	mg/Kg	.	SW-846 8270	3.3	mg/Kg	101	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Benzo(a)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.33	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Benzo(b)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.33	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Benzo(ghi)perylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.33	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Benzo(k)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.33	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Benzo(a)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	3.03	mg/Kg	.	SW-846 8270	3.3	mg/Kg	91	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Benzyl alcohol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.33	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Butyl benzyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.17	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Bis(2-ethylhexyl)phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	2.46	mg/Kg	.	SW-846 8270	3.3	mg/Kg	74	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Bis(2-chloroethoxy)methane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.17	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Bis(2-chloroethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.17	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Bis(2-chloro-1-methylethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.17	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	4-Bromophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.17	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	2-Chloronaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.17	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	4-Chlorophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.17	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	2-Chlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	1.3	mg/Kg	.	SW-846 8270	3.3	mg/Kg	39	.	1
94/1200	QLCSS8B01	.	WBS8B	D	p-Chloroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.17	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	4-chloro-3-methylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.67	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Chrysene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	3.46	mg/Kg	.	SW-846 8270	3.3	mg/Kg	104	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Dibenz(a,h)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.33	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Dibenzofuran	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.17	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	2,4-Dichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.33	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	3,3'-Dichlorobenzidine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.83	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	1,3-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.17	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	1,2-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.17	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	1,4-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	3.33	mg/Kg	.	SW-846 8270	3.3	mg/Kg	100	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Diethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.17	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Dimethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	1.46	mg/Kg	.	SW-846 8270	3.3	mg/Kg	44	.	1
94/1200	QLCSS8B01	.	WBS8B	D	4,6-Dinitro-o-cresol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	1.0	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	2,4-Dimethylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.33	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	2,4-Dinitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.67	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	2,4-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	2.93	mg/Kg	.	SW-846 8270	3.3	mg/Kg	88	.	1
94/1200	QLCSS8B01	.	WBS8B	D	2,6-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.17	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Di-n-butyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.33	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Di-n-octyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	3.52	mg/Kg	.	SW-846 8270	3.3	mg/Kg	106	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.17	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Fluorene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.17	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Hexachlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.17	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Hexachlorobutadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.17	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Hexachlorocyclopentadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.17	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Hexachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.17	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Indeno(1,2,3-cd)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.33	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	Isophorone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.17	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	2-Methylnaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.17	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	2-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.33	mg/Kg	U	SW-846 8270	.	.	.	.	1
94/1200	QLCSS8B01	.	WBS8B	D	4-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	.	grams	1	ml	.	0.33	mg/Kg	U	SW-846 8270					

TABLE B-18, GCMS SEMIVOLATILE ORGANICS IN SEDIMENT (PAGE 13 OF 29)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike Amt/Units	Recovery %	RPD %	Dilution Factor
94/1200	QLCSS8B01		WBS8B	D	1,4-Naphthoquinone	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.67	mg/Kg	U	SW-846 8270				1
94/1200	QLCSS8B01		WBS8B	D	Nitrobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QLCSS8B01		WBS8B	D	m-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QLCSS8B01		WBS8B	D	o-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QLCSS8B01		WBS8B	D	p-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.33	mg/Kg	U	SW-846 8270				1
94/1200	QLCSS8B01		WBS8B	D	o-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QLCSS8B01		WBS8B	D	p-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		1.0	mg/Kg	U	SW-846 8270				1
94/1200	QLCSS8B01		WBS8B	D	N-Nitrosodiphenylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QLCSS8B01		WBS8B	D	N-Nitrosodi-n-propylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QLCSS8B01		WBS8B	D	Pentachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.67	mg/Kg	U	SW-846 8270				1
94/1200	QLCSS8B01		WBS8B	D	Pentachlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		1.0	mg/Kg	U	SW-846 8270				1
94/1200	QLCSS8B01		WBS8B	D	Phenanthrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		3.29	mg/Kg	U	SW-846 8270	3.3	mg/Kg	99	1
94/1200	QLCSS8B01		WBS8B	D	Phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QLCSS8B01		WBS8B	D	Pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QLCSS8B01		WBS8B	D	1,2,4-Trichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QLCSS8B01		WBS8B	D	2,4,6-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QLCSS8B01		WBS8B	D	2,4,6-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.67	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Acenaphthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Acenaphthylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Anthrane	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Benzo(a)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.33	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Benzo(b)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.33	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Benzo(g,h)perylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.33	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Benzo(k)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.33	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Benzo(a)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.33	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Benzyl alcohol	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.33	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Butyl benzyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Bis(2-ethylhexyl)phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Bis(2-chloroethoxy)methane	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Bis(2-chloroethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Bis(2-chloro-1-methylethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	4-Bromophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	2-Chloronaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	4-Chlorophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	2-Chlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	p-Chloroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	4-chloro-3-methylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.67	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Chrysene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.33	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Dibenz(a,h)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.33	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Dibenzofuran	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	2,4-Dichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.33	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	3,3'-Dichlorobenzidine	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.83	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	1,3-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	1,2-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	1,4-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Diethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Dimethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	4,6-Dinitro-o-cresol	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		1.0	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	2,4-Dimethylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.33	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	2,4-Dinitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.67	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	2,4-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.33	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	2,6-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Di-n-butyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.33	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Di-n-octyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.33	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Fluorene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Hexachlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Hexachlorobutadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Hexachlorocyclopentadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Hexachloroethane	Mustang1																		

TABLE B-18, GCMS SEMIVOLATILE ORGANICS IN SEDIMENT (PAGE 14 OF 29)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike Amt/Units	Recovery %	RPD %	Dilution Factor
94/1200	QMTBS8B01		WBS8B	D	Indeno(1,2,3-cd)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.33	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Isophorone	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	2-Methylnaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	2-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.33	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	4-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.33	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Naphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	1,4-Naphthoquinone	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.67	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Nitrobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	m-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	o-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	p-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.33	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	o-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	p-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		1.0	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	N-Nitrosodiphenylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	N-Nitrosodi-n-propylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Pentachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.67	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Pentachlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		1.0	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Phenanthrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	Pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	1,2,4-Trichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	2,4,5-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550		grams	1	ml		0.17	mg/Kg	U	SW-846 8270				1
94/1200	QMTBS8B01		WBS8B	D	2,4,6-Trichlorophenol	Mustang1	940830	940908	941010	Sediment	SW-846 3550		grams	1	ml		0.67	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	Acenaphthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	Acenaphthylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	Anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	Benzo(a)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	Benzo(b)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.16	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	Benzo(g,h)perylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	Benzo(k)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	Benzo(a)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	Benzy alcohol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	Butyl benzyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	Bis(2-ethylhexyl)phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	Bis(2-chloroethoxy)methane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	Bis(2-chloroethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	Bis(2-chloro-1-methylethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	4-Bromophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	2-Chloronaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	4-Chlorophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	2-Chlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	p-Chloroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	4-chloro-3-methylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	Chrysene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	Dibenz(a,h)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	Dibenzofuran	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	2,4-Dichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	3,3'-Dichlorobenzidine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.83	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	1,3-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	1,2-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	1,4-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	Diethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	Dimethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	4,6-Dinitro-o-cresol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	2,4-Dimethylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	2,4-Dinitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	2,4-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	2,6-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0018		WBS8A	D	Di-n-butyl phthalate</																			

TABLE B-18, GCMS SEMIVOLATILE ORGANICS IN SEDIMENT (PAGE 15 OF 29)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Recelpt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike Amt/Units	Recovery %	RPD %	Dilution Factor
94/1147	T0018		WBS8A	D	Fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0018		WBS8A	D	Fluorene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0018		WBS8A	D	Hexachlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0018		WBS8A	D	Hexachlorobutadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0018		WBS8A	D	Hexachlorocyclopentadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0018		WBS8A	D	Hexachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0018		WBS8A	D	Indeno(1,2,3-cd)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0018		WBS8A	D	Isophorone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0018		WBS8A	D	2-Methylnaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0018		WBS8A	D	2-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0018		WBS8A	D	4-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0018		WBS8A	D	Naphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0018		WBS8A	D	1,4-Naphthoquinone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0018		WBS8A	D	Nitrobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0018		WBS8A	D	m-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0018		WBS8A	D	o-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0018		WBS8A	D	p-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0018		WBS8A	D	o-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0018		WBS8A	D	p-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0018		WBS8A	D	N-Nitrosodiphenylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0018		WBS8A	D	N-Nitrosodi-n-propylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0018		WBS8A	D	Pentachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0018		WBS8A	D	Pentachlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0018		WBS8A	D	Phenanthrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0018		WBS8A	D	Phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0018		WBS8A	D	Pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0018		WBS8A	D	1,2,4-Trichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0018		WBS8A	D	2,4,6-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0018		WBS8A	D	2,4,6-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0269		WBS8A	D	Acenaphthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0269		WBS8A	D	Acenaphthylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0269		WBS8A	D	Anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0269		WBS8A	D	Benzo(a)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0269		WBS8A	D	Benzo(b)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0269		WBS8A	D	Benzo(ghi)perylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0269		WBS8A	D	Benzo(k)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0269		WBS8A	D	Benzo(a)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0269		WBS8A	D	Benzyl alcohol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0269		WBS8A	D	Butyl benzyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0269		WBS8A	D	Bis(2-ethylhexyl)phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0269		WBS8A	D	Bis(2-chloroethoxy)methane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0269		WBS8A	D	Bis(2-chloroethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0269		WBS8A	D	Bis(2-chloro-1-methylethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0269		WBS8A	D	4-Bromophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0269		WBS8A	D	2-Chloronaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0269		WBS8A	D	4-Chlorophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0269		WBS8A	D	2-Chlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0269		WBS8A	D	p-Chloroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0269		WBS8A	D	4-chloro-3-methylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0269		WBS8A	D	Chrysene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0269		WBS8A	D	Dibenz(a,h)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0269		WBS8A	D	Dibenzofuran	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0269		WBS8A	D	2,4-Dichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0269		WBS8A	D	3,3'-Dichlorobenzidine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.83	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0269		WBS8A	D	1,3-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0269		WBS8A	D	1,2-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0269		WBS8A	D	1,4-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg						

TABLE B-18, GCMS SEMIVOLATILE ORGANICS IN SEDIMENT (PAGE 16 OF 29)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike Amt/Units	Recovery %	RPD %	Dilution Factor
94/1147	T0269		WBS8A	D	2,4-Dimethylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	2,4-Dinitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	2,4-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	2,6-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	Di-n-butyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	Di-n-octyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	Fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	Fluorene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	Hexachlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	Hexachlorobutadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	Hexachlorocyclopentadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	Hexachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	Indeno(1,2,3-cd)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	Isophorone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	2-Methylnaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	2-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	4-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	Naphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	1,4-Naphthoquinone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.87	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	Nitrobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	m-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	o-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	p-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	p-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	N-Nitrosodiphenylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	N-Nitrosodl-n-propylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	Pentachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.87	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	Pentachlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	Phenanthrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	Phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	Pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	1,2,4-Trichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	2,4,5-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0269		WBS8A	D	2,4,6-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Acenaphthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Acenaphthylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Benzo(a)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Benzo(b)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Benzo(g,h,i)perylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Benzo(k)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Benzo(a)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Benzyl alcohol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Butyl benzyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Bis(2-ethylhexyl)phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Bis(2-chloroethoxy)methane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Bis(2-chloroethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Bis(2-chloro-1-methylethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	4-Bromophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	2-Chloronaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	4-Chlorophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	2-Chlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	p-Chloroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	4-chloro-3-methylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Chrysene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Dibenz(a,h)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Dibenzofuran	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	2,4-Dichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams											

TABLE B-18, GCMS SEMIVOLATILE ORGANICS IN SEDIMENT (PAGE 17 OF 29)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike Amt/Units	Recovery %	RPD %	Dilution Factor
94/1147	T0028		WBS8A	D	1,3-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	1,2-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	1,4-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Diethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Dimethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	4,6-Dinitro-o-cresol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	2,4-Dimethylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	2,4-Dinitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	2,4-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	2,6-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Di-n-butyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Di-n-octyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Fluorene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Hexachlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Hexachlorobutadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Hexachlorocyclopentadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Hexachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Indeno[1,2,3-cd]pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Isophorone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	2-Methylnaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	2-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	4-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Naphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	1,4-Naphthoquinone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Nitrobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	m-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	o-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	p-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	o-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	p-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	N-Nitrosodiphenylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	N-Nitrosodi-n-propylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Pentachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Pentachlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Phenanthrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	Pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	1,2,4-Trichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	2,4,5-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0028		WBS8A	D	2,4,6-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1147	T0038		WBS8A	D	Acenaphthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0038		WBS8A	D	Acenaphthylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0038		WBS8A	D	Anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0038		WBS8A	D	Benzo(a)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0038		WBS8A	D	Benzo(b)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0038		WBS8A	D	Benzo(g,h)perylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0038		WBS8A	D	Benzo(k)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0038		WBS8A	D	Benzo(a)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0038		WBS8A	D	Benzyl alcohol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0038		WBS8A	D	Butyl benzyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0038		WBS8A	D	Bis(2-ethylhexyl)phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0038		WBS8A	D	Bis(2-chloroethoxy)methane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0038		WBS8A	D	Bis(2-chloroethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0038		WBS8A	D	Bis(2-chloro-1-methylethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0038		WBS8A	D	4-Bromophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0038		WBS8A	D	2-Chloronaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0038		WBS8A	D	4-Chlorophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15												

TABLE B-18, GCMS SEMIVOLATILE ORGANICS IN SEDIMENT (PAGE 18 OF 29)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike Amt/Units	Recovery %	RPD %	Dilution Factor
94/1147	T0038		WBS8A	D	4-chloro-3-methylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	Chrysene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	Dibenz(a,h)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	Dibenzofuran	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	2,4-Dichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	3,3'-Dichlorobenzidine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.83	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	1,3-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	1,2-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	1,4-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	Diethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	Dimethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	4,6-Dinitro-o-cresol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	2,4-Dimethylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	2,4-Dinitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	2,4-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	2,6-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	Di-n-butyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	Di-n-octyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	Fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	Fluorene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	Hexachlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	Hexachlorobutadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	Hexachlorocyclopentadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	Hexachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	Indeno(1,2,3-cd)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	Isophorone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	2-Methylnaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	2-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	4-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	Naphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	1,4-Naphthoquinone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	Nitrobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	m-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	o-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	p-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	o-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	p-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	N-Nitrosodiphenylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	N-Nitrosodi-n-propylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	Pentachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	Pentachlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	Phenanthrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	Phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	Pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	1,2,4-Trichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	2,4,5-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0038		WBS8A	D	2,4,6-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0048		WBS8A	D	Acenaphthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0048		WBS8A	D	Acenaphthylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0048		WBS8A	D	Anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0048		WBS8A	D	Benzo(a)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0048		WBS8A	D	Benzo(b)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0048		WBS8A	D	Benzo(ghi)perylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0048		WBS8A	D	Benzo(k)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0048		WBS8A	D	Benzo(a)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0048		WBS8A	D	Benzyl alcohol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	-	-	-	1
94/1147	T0048		WBS8A	D	Butyl benzyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				

TABLE B-18, GCMS SEMIVOLATILE ORGANICS IN SEDIMENT (PAGE 19 OF 29)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/Digestate Volume	Extract/Digestate Vol. Units	Moisture %	Result	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike Amt/Units	Recovery %	RPD %	Dilution Factor
94/1147	T0048		WBS8A	D	Bis(2-chloro-1-methylethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	4-Bromophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	2-Chloronaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	4-Chlorophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	2-Chlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	p-Chloroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	4-chloro-3-methylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	Chrysene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	Dibenz(a,h)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	Dibenzofuran	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	2,4-Dichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	3,3'-Dichlorobenzidine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.83	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	1,3-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	1,2-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	1,4-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	Diethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	Dimethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	4,6-Dinitro-o-cresol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	2,4-Dimethylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	2,4-Dinitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	2,4-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	2,6-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	Di-n-butyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	Di-n-octyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	Fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	Fluorene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	Hexachlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	Hexachlorobutadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	Hexachlorocyclopentadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	Hexachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	Indeno(1,2,3-cd)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	Isophorone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	2-Methylnaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	2-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	4-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	Naphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	1,4-Naphthoquinone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	Nitrobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	m-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	o-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	p-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	o-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	p-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	N-Nitrosodiphenylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	N-Nitrosodi-n-propylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	Pentachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	Pentachlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	Phenanthrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	Phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	Pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	1,2,4-Trichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	2,4,5-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0048		WBS8A	D	2,4,6-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0058		WBS8A	D	Acenaphthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0058		WBS8A	D	Acenaphthylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0058		WBS8A	D	Anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0058		WBS8A	D	Benzo(a)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	T0058		WBS8A	D	Benzo(b)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams											

TABLE B-18, GCMS SEMIVOLATILE ORGANICS IN SEDIMENT (PAGE 20 OF 29)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Molsture %	Result	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike Amt/Units	Recovery %	RPD %	Dilution Factor
94/1147	T0058		WBS8A	D	Benzo(a)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	Benzyl alcohol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	Butyl benzyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	Bis(2-ethylhexyl)phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	Bis(2-chloroethoxy)methane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	Bis(2-chloroethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	Bis(2-chloro-1-methylethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	4-Bromophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	2-Chloronaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	4-Chlorophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	2-Chlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	p-Chloroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	4-chloro-3-methylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	Chrysene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	Dibenz(a,h)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	Dibenzofuran	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	2,4-Dichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	3,3'-Dichlorobenzidine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.83	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	1,3-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	1,2-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	1,4-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	Diethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	Dimethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	4,6-Dinitro-o-cresol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	2,4-Dimethylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	2,4-Dinitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	2,4-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	2,6-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	Di-n-butyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	Di-n-octyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	Fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	Fluorene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	Hexachlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	Hexachlorobutadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	Hexachlorocyclopentadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	Hexachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	Indeno(1,2,3-cd)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	Isophorone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	2-Methylnaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	2-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	4-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	Naphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	1,4-Naphthoquinone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	Nitrobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	m-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	o-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	p-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	o-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	p-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	N-Nitrosodiphenylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	N-Nitrosodi-n-propylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	Pentachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	Pentachlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	Phenanthrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	Phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	Pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	1,2,4-Trichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0058		WBS8A	D	2,4,5-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15</												

TABLE B-18, GCMS SEMIVOLATILE ORGANICS IN SEDIMENT (PAGE 21 OF 29)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike Amt/Units	Recovery %	RPD %	Dilution Factor
94/1147	T0068		WBS8A	D	Acenaphthylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Benzo(a)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Benzo(b)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Benzo(ghi)perylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Benzo(k)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Benzo(a)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Benzy alcohol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Butyl benzyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Bis(2-ethylhexyl)phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Bis(2-chloroethoxy)methane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Bis(2-chloroethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Bis(2-chloro-1-methylethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	4-Bromophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	2-Chloronaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	4-Chlorophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	2-Chlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	p-Chloroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	4-chloro-3-methylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Chrysene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Dibenz(a,h)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Dibenzofuran	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	2,4-Dichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	3,3'-Dichlorobenzidine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.83	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	1,3-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	1,2-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	1,4-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Diethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Dimethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	4,6-Dinitro-o-cresol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	2,4-Dimethylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	2,4-Dinitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	2,4-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	2,6-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Di-n-butyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Di-n-octyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Fluorene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Hexachlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Hexachlorobutadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Hexachlorocyclopentadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Hexachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Indeno(1,2,3-cd)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Isophorone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	2-Methylnaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	2-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	4-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Naphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	1,4-Naphthoquinone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Nitrobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	m-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	o-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	p-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	o-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	p-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	N-Nitrosodiphenylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	N-Nitrosodi-n-propylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1147	T0068		WBS8A	D	Pentachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15												

TABLE B-18, GCMS SEMIVOLATILE ORGANICS IN SEDIMENT (PAGE 24 OF 29)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike Am/Units	Recovery %	RPD %	Dilution Factor
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	2,4-Dichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	3,3'-Dichlorobenzidine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.83	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	1,3-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	1,2-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	1,4-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	3.3	mg/Kg	114	3
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	Diethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	Dimethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	4,6-Dinitro-o-cresol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	1.0	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	2,4-Dimethylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	2,4-Dinitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.67	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	2,4-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	3.3	mg/Kg	105	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	2,6-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	Di-n-butyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	Di-n-octyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	Fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	Fluorene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	Hexachlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	Hexachlorobutadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	Hexachlorocyclopentadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	Hexachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	Indeno(1,2,3-cd)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	Isophorone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	2-Methylnaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	2-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	4-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	Naphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	1,4-Naphthoquinone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.67	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	Nitrobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	m-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	o-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	p-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	o-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	p-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	1.0	mg/Kg	U	SW-846 8270	6.7	mg/Kg	91	12
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	N-Nitrosodiphenylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	N-Nitrosodi-n-propylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	3.3	mg/Kg	100	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	Pentachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.67	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	Pentachlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	1.0	mg/Kg	U	SW-846 8270	6.7	mg/Kg	98	3
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	Phenanthrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	Phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	6.7	mg/Kg	72	7
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	Pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	3.3	mg/Kg	89	6
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	1,2,4-Trichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	3.3	mg/Kg	91	13
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	2,4,5-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1147	QMSDS8A01	0906:BG11	WBS8B	D	2,4,6-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.36	grams	1	ml	76	0.67	mg/Kg	U	SW-846 8270	.	.	.	1
94/1148	QLCSS8A01	.	WBS8A	D	Acenaphthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.16	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1148	QLCSS8A01	.	WBS8A	D	Acenaphthylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.16	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1148	QLCSS8A01	.	WBS8A	D	Anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.16	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1148	QLCSS8A01	.	WBS8A	D	Benzo(a)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.16	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1148	QLCSS8A01	.	WBS8A	D	Benzo(b)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.16	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	.	.	.	1

TABLE B-18, GCMS SEMIVOLATILE ORGANICS IN SEDIMENT (PAGE 25 OF 29)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Molsture %	Result	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike Amt/Units	Recovery %	RPD %	Dilution Factor
94/1148	QLCSS8A01		WBS8A	D	Benzo(g,h,i)perylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Benzo(k)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Benzo(a)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Benzyl alcohol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Butyl benzyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Bis(2-ethylhexyl)phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Bis(2-chloroethoxy)methane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Bis(2-chloroethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Bis(2-chloro-1-methylethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	4-Bromophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	2-Chloronaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	4-Chlorophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	2-Chlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	p-Chloroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	4-chloro-3-methylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Chrysene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Dibenz(a,h)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Dibenzofuran	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	2,4-Dichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	3,3'-Dichlorobenzidine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.83	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	1,3-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	1,2-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	1,4-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Diethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Dimethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	4,6-Dinitro-o-cresol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	2,4-Dimethylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	2,4-Dinitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	2,4-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	2,6-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Di-n-butyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Di-n-octyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Fluorene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Hexachlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Hexachlorobutadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Hexachlorocyclopentadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Hexachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Indeno(1,2,3-cd)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Isophorone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	2-Methylnaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	2-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	4-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Naphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	1,4-Naphthoquinone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Nitrobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	m-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	o-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	p-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	o-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	p-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	N-Nitrosodiphenylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	N-Nitrosodi-n-propylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Pentachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Pentachlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Phenanthrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QLCSS8A01		WBS8A	D	Phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148																								

TABLE B-18, GCMS SEMIVOLATILE ORGANICS IN SEDIMENT (PAGE 26 OF 29)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/Digestate Volume	Extract/Digestate Vol. Units	Moisture %	Result	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike Amt/Units	Recovery %	RPD %	Dilution Factor
94/1148	QLCSS8A01		WBS8A	D	2,4,6-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Acenaphthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Acenaphthylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Benzo(a)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Benzo(b)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Benzo(g,h,i)perylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Benzo(k)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Benzo(a)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Benzyl alcohol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Butyl benzyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Bis(2-ethylhexyl)phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Bis(2-chloroethoxy)methane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Bis(2-chloroethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Bis(2-chloro-1-methylethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	4-Bromophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	2-Chloronaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	4-Chlorophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	2-Chlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	p-Chloroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	4-chloro-3-methylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Chrysene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Dibenz(a,h)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Dibenzofuran	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	2,4-Dichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	3,3'-Dichlorobenzidine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.83	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	1,3-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	1,2-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	1,4-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Diethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Dimethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	4,6-Dinitro-o-cresol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	2,4-Dimethylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	2,4-Dinitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	2,4-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	2,6-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Di-n-butyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Di-n-octyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Fluorene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Hexachlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Hexachlorobutadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Hexachlorocyclopentadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Hexachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Indeno(1,2,3-cd)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Isothorone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	2-Methylnaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	2-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	4-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Naphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	1,4-Naphthoquinone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	Nitrobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	m-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	o-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	p-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	o-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1148	QMTBS8A01		WBS8A	D	p-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1.0							

TABLE B-18, GCMS SEMIVOLATILE ORGANICS IN SEDIMENT (PAGE 27 OF 29)

Lab	Sample	Info.	Laboratory	Batch	Comments	Analyte	Instrument	ID	Sample	Sample	 
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TABLE B-18, GCMS SEMIVOLATILE ORGANICS IN SEDIMENT (PAGE 28 OF 29)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike Amt/Units	Recovery %	RPD %	Dilution Factor
94/1150	T0277		WBS8A	D	p-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1150	T0277		WBS8A	D	o-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1150	T0277		WBS8A	D	p-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270				1
94/1150	T0277		WBS8A	D	N-Nitrosodiphenylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1150	T0277		WBS8A	D	N-Nitrosodi-n-propylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1150	T0277		WBS8A	D	Pentachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1150	T0277		WBS8A	D	Pentachlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270				1
94/1150	T0277		WBS8A	D	Phenanthrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1150	T0277		WBS8A	D	Phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1150	T0277		WBS8A	D	Pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1150	T0277		WBS8A	D	1,2,4-Trichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1150	T0277		WBS8A	D	2,4,5-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1150	T0277		WBS8A	D	2,4,6-Trichlorophenol	Mustang1	940830	940908	941010	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Acenaphthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Acenaphthylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Benzo(a)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Benzo(b)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Benzo(ghi)perylene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Benzo(k)fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Benzo(a)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Benzyl alcohol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Butyl benzyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Bis(2-ethylhexyl)phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Bis(2-chloroethoxy)methane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Bis(2-chloroethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Bis(2-chloro-1-methylethyl)ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	4-Bromophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	2-Chloronaphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	4-Chlorophenyl phenyl ether	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	2-Chlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	p-Chloroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	4-chloro-3-methylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Chrysene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Dibenz(a,h)anthracene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Dibenzofuran	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	2,4-Dichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	3,3'-Dichlorobenzidine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.83	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	1,3-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	1,2-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	1,4-Dichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Diethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Dimethyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	4,6-Dinitro-o-cresol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	2,4-Dimethylphenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	2,4-Dinitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	2,4-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	2,6-Dinitrotoluene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Di-n-butyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Di-n-octyl phthalate	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Fluoranthene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Fluorene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Hexachlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Hexachlorobutadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Hexachlorocyclopentadiene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Hexachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Indeno(1,2,3-cd)pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270				1
94/1235	T0304		WBS8A	D	Isophorone	Mustang1	940830	940908	941018	Sediment	SW-846 3550													

TABLE B-18, GCMS SEMIVOLATILE ORGANICS IN SEDIMENT (PAGE 29 OF 29)

Lab Number	Sample Info.	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike Amt/Units	Recovery %	RPD %	Dilution Factor
94/1235	T0304	.	WBS8A	D	4-Methyl phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1235	T0304	.	WBS8A	D	Naphthalene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1235	T0304	.	WBS8A	D	1,4-Naphthoquinone	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270	.	.	.	1
94/1235	T0304	.	WBS8A	D	Nitrobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1235	T0304	.	WBS8A	D	m-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1235	T0304	.	WBS8A	D	o-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1235	T0304	.	WBS8A	D	p-Nitroaniline	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.33	mg/Kg	U	SW-846 8270	.	.	.	1
94/1235	T0304	.	WBS8A	D	o-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1235	T0304	.	WBS8A	D	p-Nitrophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270	.	.	.	1
94/1235	T0304	.	WBS8A	D	N-Nitrosodiphenylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1235	T0304	.	WBS8A	D	N-Nitrosodi-n-propylamine	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1235	T0304	.	WBS8A	D	Pentachloroethane	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270	.	.	.	1
94/1235	T0304	.	WBS8A	D	Pentachlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	1.0	mg/Kg	U	SW-846 8270	.	.	.	1
94/1235	T0304	.	WBS8A	D	Phenanthrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1235	T0304	.	WBS8A	D	Phenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1235	T0304	.	WBS8A	D	Pyrene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1235	T0304	.	WBS8A	D	1,2,4-Trichlorobenzene	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1235	T0304	.	WBS8A	D	2,4,6-Trichlorophenol	Mustang1	940830	940908	941018	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.17	mg/Kg	U	SW-846 8270	.	.	.	1
94/1235	T0304	.	WBS8A	D	2,4,6-Trichlorophenol	Mustang1	940830	940908	941010	Sediment	SW-846 3550	30.15	grams	1	ml	69	0.67	mg/Kg	U	SW-846 8270	.	.	.	1

TABLE B-19, TSS (PAGE 1 OF 1)

Lab Number	Sample Informatio	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Amount	Sample Units	Final Weight	Final Weight Units	Initial Weight	Initial Weight Units	Net Weight	Net Weight Units	Result	Result Units	Laborator Qualifier	Sample Analysis Method	RPD	Dilution Factor
94/11320	T0011		WBS8A	C	TSS	METT163	940824	940826	940829	Water	250	mL	1.44820	grams	1.44770	grams	0.500	milligrams	2	mg/L	9	EPA160.2		4.00
94/11321	T0262	FR	WBS8A	C	TSS	METT163	940824	940826	940829	Water	250	mL	1.44100	grams	1.44060	grams	0.400	milligrams	2	mg/L	9	EPA160.2		4.00
94/11322	T0021		WBS8A	C	TSS	METT163	940824	940826	940829	Water	250	mL	1.44780	grams	1.44630	grams	1.500	milligrams	6	mg/L	9	EPA160.2		4.00
94/11323	T0031		WBS8A	C	TSS	METT163	940824	940826	940829	Water	250	mL	1.45450	grams	1.45310	grams	1.400	milligrams	6	mg/L	9	EPA160.2		4.00
94/11324	T0041		WBS8A	C	TSS	METT163	940824	940826	940829	Water	250	mL	1.44910	grams	1.44820	grams	0.900	milligrams	4	mg/L	9	EPA160.2		4.00
94/11325	T0051		WBS8A	C	TSS	METT163	940824	940826	940829	Water	250	mL	1.44640	grams	1.44560	grams	0.800	milligrams	3	mg/L	9	EPA160.2		4.00
94/11326	T0061		WBS8A	C	TSS	METT163	940825	940826	940829	Water	250	mL	1.44800	grams	1.44710	grams	0.900	milligrams	4	mg/L	9	EPA160.2		4.00
94/11327	T0272	FRB	WBS8A	C	TSS	METT163	940825	940826	940829	Water	250	mL	1.44970	grams	1.44990	grams	-0.200	milligrams	1	mg/L	U	EPA160.2		4.00
94/11349	T0011	LAB DUP	WBS8A	C	TSS	METT163	940826	940826	940829	Water	250	mL	1.44050	grams	1.44000	grams	0.500	milligrams	2	mg/L	9	EPA160.2	0	4.00
94/11350	LABBLANK	LAB BLK	WBS8A	C	TSS	METT163	940826	940826	940829	Water	250	mL	1.44390	grams	1.44400	grams	-0.100	milligrams	1	mg/L	U	EPA160.2		4.00
94/11907	T0071		WBS8B	C	TSS	METT163	940831	940902	940906	Water	250	mL	1.44500	grams	1.44440	grams	0.600	milligrams	2	mg/L	9	EPA160.2		4.00
94/11908	T0289	FR	WBS8B	C	TSS	METT163	940831	940902	940906	Water	250	mL	1.43640	grams	1.43590	grams	0.500	milligrams	2	mg/L	9	EPA160.2		4.00
94/11909	T0081		WBS8B	C	TSS	METT163	940831	940902	940906	Water	250	mL	1.43460	grams	1.43430	grams	0.300	milligrams	1	mg/L	9	EPA160.2		4.00
94/11910	T0299	FRB	WBS8B	C	TSS	METT163	940831	940902	940906	Water	250	mL	1.45370	grams	1.45380	grams	-0.100	milligrams	1	mg/L	U	EPA160.2		4.00
94/11911	T0231		WBS8B	C	TSS	METT163	940831	940902	940906	Water	250	mL	1.43480	grams	1.42860	grams	6.200	milligrams	33	mg/L	9	EPA160.2		4.00
94/11912	T0241		WBS8B	C	TSS	METT163	940831	940902	940906	Water	250	mL	1.45570	grams	1.45380	grams	2.100	milligrams	8	mg/L	9	EPA160.2		4.00
94/11913	T0191		WBS8B	C	TSS	METT163	940901	940902	940906	Water	250	mL	1.44150	grams	1.44060	grams	0.900	milligrams	4	mg/L	9	EPA160.2		4.00
94/11914	T0251		WBS8B	C	TSS	METT163	940902	940902	940906	Water	250	mL	1.44920	grams	1.44820	grams	1.000	milligrams	4	mg/L	9	EPA160.2		4.00
94/11915	T0251	LAB DUP	WBS8B	C	TSS	METT163	940902	940902	940906	Water	250	mL	1.44050	grams	1.43950	grams	1.000	milligrams	4	mg/L	9	EPA160.2	0	4.00
94/11916	LABBLANK	LAB BLK	WBS8B	C	TSS	METT163	940902	940912	940913	Water	250	mL	1.45060	grams	1.45100	grams	-0.400	milligrams	1	mg/L	U	EPA160.2		4.00
94/12319	T0279		WBS8A	C	TSS	METT163	940831	940912	940913	Water	250	mL	1.45540	grams	1.45590	grams	-0.500	milligrams	1	mg/L	U	EPA160.2		4.00
94/12320	T0306		WBS8B	C	TSS	METT163	940831	940912	940913	Water	250	mL	1.44400	grams	1.44400	grams	0.000	milligrams	1	mg/L	U	EPA160.2		4.00

TABLE B-20, TSS (PAGE 1 OF 1)

Lab Number	Sample Informatio	Laboratory Comments	Batch	Analytical Level	Analyte	Instrument ID	Sample Receipt Date	Sample Prep Date	Sample Analysis Date	Matrix	Sample Prep Method	Sample Amount	Sample Amount Units	Extract/ Digestate Volume	Extract/ Digestate Vol. Units	Moisture %	Result	Result Units	Laboratory Qualifier	Sample Analysis Method	Spike Amount	Spike Amount Units	Recovery	Recovery Units	RPD	RPD Units	Dilution Factor
94/11320	T0011		WBS8	C	TSS	METT163	940823	940826	940829	Water	SW-846 3550	30	grams	10	ml	65	< 10.	ug/Kg	9	SW-846 8081	.	.	.	.	.	.	1
94/11321	T0262	FR	WBS8	C	TSS	METT163	940823	940826	940829	Water	SW-846 3550	30	grams	10	ml	65	< 10.	ug/Kg	9	SW-846 8081	.	.	.	.	.	.	1
94/11322	T0021		WBS8	C	TSS	METT163	940823	940826	940829	Water	SW-846 3550	30	grams	10	ml	65	< 10.	ug/Kg	9	SW-846 8081	.	.	.	.	.	.	1
94/11323	T0031		WBS8	C	TSS	METT163	940824	940826	940829	Water	SW-846 3550	30	grams	10	ml	65	< 10.	ug/Kg	9	SW-846 8081	.	.	.	.	.	.	1
94/11324	T0041		WBS8	C	TSS	METT163	940824	940826	940829	Water	SW-846 3550	30	grams	10	ml	65	< 10.	ug/Kg	9	SW-846 8081	.	.	.	.	.	.	1
94/11325	T0061		WBS8	C	TSS	METT163	940824	940826	940829	Water	SW-846 3550	30	grams	10	ml	65	23	ug/Kg	9	SW-846 8081	.	.	.	.	.	.	1
94/11326	T0061		WBS8	C	TSS	METT163	940825	940826	940829	Water	SW-846 3550	30	grams	10	ml	65	< 10.	ug/Kg	9	SW-846 8081	.	.	.	.	.	.	1
94/11327	T0272	FRB	WBS8	C	TSS	METT163	940823	940826	940829	Water	SW-846 3550	30	grams	10	ml	65	< 10.	ug/Kg	9	SW-846 8081	.	.	.	.	.	.	1
94/11349	T0011	LAB DUP	WBS8	C	TSS	METT163	940823	940826	940829	Water	SW-846 3550	30	grams	10	ml	65	< 10.	ug/Kg	9	SW-846 8081	.	.	.	.	.	.	1
94/11350	LABBLANK	LAB BLK	WBS8	C	TSS	METT163	940823	940826	940829	Water	SW-846 3550	30	grams	10	ml	65	< 10.	ug/Kg	9	SW-846 8081	.	.	.	.	.	.	1
94/11907	T0071		WBS8	C	TSS	METT163	940830	940902	940906	Water	SW-846 3550	30	grams	10	ml	65	< 10.	ug/Kg	9	SW-846 8081	.	.	.	.	.	.	1
94/11908	T0289	FR	WBS8	C	TSS	METT163	940830	940902	940906	Water	SW-846 3550	30	grams	10	ml	65	< 10.	ug/Kg	9	SW-846 8081	.	.	.	.	.	.	1
94/11909	T0081		WBS8	C	TSS	METT163	940830	940902	940906	Water	SW-846 3550	30	grams	10	ml	65	< 10.	ug/Kg	9	SW-846 8081	.	.	.	.	.	.	1
94/11910	T0299	FRB	WBS8	C	TSS	METT163	940830	940902	940906	Water	SW-846 3550	30	grams	10	ml	65	< 10.	ug/Kg	9	SW-846 8081	.	.	.	.	.	.	1
94/11911	T0231		WBS8	C	TSS	METT163	940831	940902	940906	Water	SW-846 3550	30	grams	10	ml	65	< 10.	ug/Kg	9	SW-846 8081	.	.	.	.	.	.	1
94/11912	T0241		WBS8	C	TSS	METT163	940831	940902	940906	Water	SW-846 3550	30	grams	10	ml	65	< 10.	ug/Kg	9	SW-846 8081	.	.	.	.	.	.	1
94/11913	T0191		WBS8	C	TSS	METT163	940901	940902	940906	Water	SW-846 3550	30	grams	10	ml	65	< 10.	ug/Kg	9	SW-846 8081	.	.	.	.	.	.	1
94/11914	T0251		WBS8	C	TSS	METT163	940901	940902	940906	Water	SW-846 3550	30	grams	10	ml	65	< 25.	ug/Kg	9	SW-846 8081	.	.	.	.	.	.	1
94/11915	T0251	LD	WBS8	C	TSS	METT163	940901	940902	940906	Water	SW-846 3550	30	grams	10	ml	65	< 25.	ug/Kg	9	SW-846 8081	.	.	.	.	.	.	1
94/11916	LABBLANK	LAB BLK	WBS8	C	TSS	METT163	940901	940912	940913	Water	SW-846 3550	30	grams	10	ml	65	< 25.	ug/Kg	9	SW-846 8081	.	.	.	.	.	.	1
94/12319	T0279		WBS8	C	TSS	METT163	940823	940912	940913	Water	SW-846 3550	30	grams	10	ml	65	< 25.	ug/Kg	9	SW-846 8081	.	.	.	.	.	.	1
94/12320	T0306		WBS8	C	TSS	METT163	940830	940912	940913	Water	SW-846 3550	30	grams	10	ml	65	< 25.	ug/Kg	9	SW-846 8081	.	.	.	.	.	.	1

APPENDIX C. Report on Particle Size Determinations

United Energy Services Corporation

CR-ER PROJECT
WATTS BAR LAKE SEDIMENT SAMPLES
PARTICLE SIZE ANALYSIS

SL Report 209-060-001A

The Critical
Link. SM

Singleton Laboratories

The Critical
Link.®

September 27, 1994

CR-ER PROJECT
WATTS BAR LAKE SEDIMENT SAMPLES
PARTICLE SIZE ANALYSIS

SL Report 209-060-001A

PREPARED FOR:
Tennessee Valley Authority
1101 Market Street
Chattanooga, TN 37402
As Requested By: J. Milligan

SINGLETON LABORATORIES
1413 Topside Road
Louisville, Tennessee 37777
615-970-2299/800-735-2299

CR-ER PROJECT - WATTS BAR LAKE SEDIMENT SAMPLES
PARTICLE SIZE ANALYSIS

Singleton Laboratories Report 209-060-001A

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Receipt Inspection	1
Scope and Procedures	1
Results	1

Tables:

- 1 Summary of Laboratory Test Data

Attachment:

- A Laboratory Test Data Sheets

Introduction

Singleton Laboratories has completed a requested laboratory testing for the subject project. This testing program was conducted in general accordance with Statement of Work for Collection of Sediment and Water Samples from Source Areas to Melton Hill and Watts Bar Reservoirs, Tasks 4.1 and 4.2 of DOE/TVA Interagency Agreement No. DE-A105-910R22007 for the Clinch River Environmental Restoration Program, dated August 1994. Singleton's assignment in this project is to perform particle size analysis of the soil samples received. The following report presents the activities and results of the testing program.

Receipt Inspection

All soil samples received were inspected in accordance with Singleton Laboratories Procedure (SLP)-3, Receipt Inspection and Processing of Material for Testing and SLP-13, Radiation Protection Program at Singleton Laboratories. All the samples were checked for alpha, beta, and gamma radiation levels and no measurable radioactivity was found. All results were documented on the Receipt Inspection Reports per SLP-3 and the Survey Logs per SLP-13.

Scope and Procedures

A total of 14 sediment samples was received. Particle size analyses were performed on all the samples received in accordance with American Society for Testing and Materials (ASTM) Methods D 2217 and D 422.

Results

Test results are summarized in Table 1. Individual test data are enclosed in Appendix A.

CR-ER PROJECT
WATTS BAR LAKE SEDIMENT SAMPLES

Singleton Laboratories Report 209-060-001A

Table 1

SUMMARY OF LABORATORY TEST DATA

<u>Sample</u>	<u>Site</u>	<u>Grain-Size Analysis</u>				
		<u>Gravel</u>	<u>Sand</u>	<u>Silt</u>	<u>Clay</u>	<u>D₁₀</u>
		%	%	%	%	mm
T0271	A	0	1	49	50	--
T0030	B	0	3	39	58	--
T0020	A	0	2	49	49	--
T0050	Y2	0	1	30	69	--
T0040	Y1	0	21	34	45	--
T0060	Y3	0	1	35	64	--
T0070	REF2	0	1	38	61	--
T0080	X1	0	4	39	57	--
T0298	X1	0	8	40	52	--
T0090	X2	0	5	52	43	--
T0240	D	0	2	64	34	--
T0250	E	0	2	61	37	--
T0120	C	0	31	42	27	--
T0260	F	0	1	28	71	--

CR-ER PROJECT
WATTS BAR LAKE SEDIMENT SAMPLES

Singleton Laboratories Report 209-060-001A

Appendix A

Laboratory Test Data Sheets

SINGLETON LABORATORIES PARTICLE SIZE ANALYSIS

PROJECT: TVA/CLINCH RIVER
FEATURE:
STATION:
RANGE : SITE A
PART :

BORING:
EL. :
SAMPLE: T0271
DATE : 09-20-94

GRAVEL (%) = 0	D10 (MM) = --
SAND (%) = 1	D30 (MM) = --
SILT (%) = 49	D60 (MM) = --
CLAY (%) = 50	COEF UNIF = --

SOIL SYMBOL =	L.L. (%) =	DENSITY (pcf) = --
MOISTURE (%) = --	P.I. (%) =	SATURATION (%) = --
SP. GR. = 2.65		VOID RATIO = --

REMARKS:

Singleton Laboratories
General Classification Tests

Project: TVA/CLINCH RIVER

Feature:

Station:

Range : SITE A

Boring :

El. :

Sample: T0271

Part :

FILE : 79

TESTED BY : CBE REG

Computed By: MHD

Checked By : *XL*

Report Date: 09-20-94

Specific Gravity = 2.650 (Assumed)

Moisture Determination

Dry Wt.+Tare(gm)= 193.30

Tare Wt(gm) = 96.80

Hygroscopic Moisture

Wet Wt.+Tare(gm)= 63.20

Dry Wt.+Tare(gm)= 62.30

Tare Wt(gm) = 36.90

Moisture(%) = 3.54

Sieve and Hydrometer Analysis

Total Dry Weight(gm) = 96.5

Sieve	Wt.Ret.	% Pass.	Size(mm)
3 in.	0.0	100.0	76.2000
2 in.	0.0	100.0	50.8000
1.5 in.	0.0	100.0	38.1000
1 in.	0.0	100.0	25.4000
3/4 in.	0.0	100.0	19.0500
3/8 in.	0.0	100.0	9.5300
NO.4	0.0	100.0	4.7500
NO.10	0.0	100.0	2.0000
NO.20	0.1	99.8	0.8500
NO.40	0.1	99.8	0.4250
NO.50	0.1	99.8	0.3000
NO.100	0.2	99.6	0.1500
NO.200	0.6	98.8	0.0750

Air Dry Weight(gm)= 50.00

Corrected Weight(gm)= 48.29

Time	Temp.	Hyd.Rdg	Corr	% Pass	Size(mm)
1 min.	21.5	52.5	7.0	94.2	0.0367
4 min.	21.5	48.0	7.0	84.9	0.0192
15 min.	21.5	41.0	7.0	70.4	0.0106
1 hour	21.5	32.5	7.0	52.8	0.0057
4 hours	21.5	25.5	7.0	38.3	0.0030

Gravel(%)= 0

Sand(%)= 1

Silt(%)= 49

Clay(%)= 50

SINGLETON LABORATORIES PARTICLE SIZE ANALYSIS

PROJECT: TVA/CLINCH RIVER
FEATURE:
STATION:
RANGE : SITE B
PART :

BORING:
EL. :
SAMPLE: T0030
DATE : 09-20-94

GRAVEL (%) = 0	D10 (MM) = --
SAND (%) = 3	D30 (MM) = --
SILT (%) = 39	D60 (MM) = --
CLAY (%) = 58	COEF UNIF = --

SOIL SYMBOL =	L.L. (%) =	DENSITY (pcf) = --
MOISTURE (%) = --	P.I. (%) =	SATURATION (%) = --
SP. GR. = 2.65		VOID RATIO = --

REMARKS:

Singleton Laboratories
General Classification Tests

Project: TVA/CLINCH RIVER

Feature:

Station:

Range : SITE B

Boring :

El. :

Sample: T0030

Part :

FILE : 80

TESTED BY : CBE REG

Computed By: MHD

Checked By : *XL*

Report Date: 09-20-94

Specific Gravity = 2.650 (Assumed)

Moisture Determination

Dry Wt.+Tare(gm)= 206.90

Tare Wt(gm) = 107.70

Hygroscopic Moisture

Wet Wt.+Tare(gm)= 65.70

Dry Wt.+Tare(gm)= 64.90

Tare Wt(gm) = 39.30

Moisture(%) = 3.12

Sieve and Hydrometer Analysis

Total Dry Weight(gm) = 99.2

Sieve	Wt.Ret.	% Pass.	Size(mm)
3 in.	0.0	100.0	76.2000
2 in.	0.0	100.0	50.8000
1.5 in.	0.0	100.0	38.1000
1 in.	0.0	100.0	25.4000
3/4 in.	0.0	100.0	19.0500
3/8 in.	0.0	100.0	9.5300
NO.4	0.0	100.0	4.7500
NO.10	0.0	100.0	2.0000
NO.20	0.2	99.6	0.8500
NO.40	0.3	99.4	0.4250
NO.50	0.4	99.2	0.3000
NO.100	0.5	99.0	0.1500
NO.200	1.4	97.1	0.0750

Air Dry Weight(gm)= 50.00

Corrected Weight(gm)= 48.48

Time	Temp.	Hyd.Rdg	Corr.	% Pass	Size(mm)
1 min.	21.5	53.5	7.0	95.9	0.0363
4 min.	21.5	50.7	7.0	90.1	0.0187
15 min.	21.5	44.7	7.0	77.8	0.0103
1 hour	21.5	36.5	7.0	60.8	0.0055
4 hours	21.5	28.8	7.0	45.0	0.0029

Gravel(%)= 0

Sand(%)= 3

Silt(%)= 39

Clay(%)= 58

SINGLETON LABORATORIES PARTICLE SIZE ANALYSIS

PROJECT: TVA/CLINCH RIVER
FEATURE:
STATION:
RANGE : SITE A
PART :

BORING:
EL. :
SAMPLE: T0020
DATE : 09-20-94

GRAVEL (%) = 0
SAND (%) = 2
SILT (%) = 49
CLAY (%) = 49

D10 (MM) = --
D30 (MM) = --
D60 (MM) = --
COEF UNIF = --

SOIL SYMBOL =
MOISTURE (%) = --
SP. GR. = 2.65

L.L. (%) =
P.I. (%) =

DENSITY (pcf) = --
SATURATION (%) = --
VOID RATIO = --

REMARKS:

Singleton Laboratories
General Classification Tests

Project: TVA/CLINCH RIVER

Feature:

Station:

Range : SITE A

Boring :

El. :

Sample: T0020

Part :

FILE : 81

TESTED BY : CBE REG

Computed By: MHD

Checked By : *XL*

Report Date: 09-20-94

Specific Gravity = 2.650 (Assumed)

Moisture Determination

Dry Wt.+Tare(gm) = 203.50

Tare Wt(gm) = 103.10

Hygroscopic Moisture

Wet Wt.+Tare(gm) = 68.20

Dry Wt.+Tare(gm) = 67.20

Tare Wt(gm) = 39.70

Moisture(%) = 3.64

Sieve and Hydrometer Analysis

Total Dry Weight(gm) = 100.4

Sieve	Wt.Ret.	% Pass.	Size(mm)
3 in.	0.0	100.0	76.2000
2 in.	0.0	100.0	50.8000
1.5 in.	0.0	100.0	38.1000
1 in.	0.0	100.0	25.4000
3/4 in.	0.0	100.0	19.0500
3/8 in.	0.0	100.0	9.5300
NO. 4	0.0	100.0	4.7500
NO. 10	0.0	100.0	2.0000
NO. 20	0.1	99.8	0.8500
NO. 40	0.2	99.6	0.4250
NO. 50	0.2	99.6	0.3000
NO. 100	0.3	99.4	0.1500
NO. 200	0.8	98.3	0.0750

Air Dry Weight(gm) = 50.00

Corrected Weight(gm) = 48.25

Time	Temp.	Hyd.Rdg	Corr	% Pass	Size(mm)
1 min.	21.5	52.0	7.0	93.3	0.0369
4 min.	21.5	48.5	7.0	86.0	0.0191
15 min.	21.5	41.0	7.0	70.5	0.0106
1 hour	21.5	32.0	7.0	51.8	0.0057
4 hours	21.5	25.5	7.0	38.3	0.0030

Gravel(%) = 0

Sand(%) = 2

Silt(%) = 49

Clay(%) = 49

Singleton Laboratories
General Classification Tests

Project: TVA/CLINCH RIVER

Feature:

Station:

Range : SITE Y2

Boring :

El. :

Sample: T0050

Part :

FILE : 83

TESTED BY : CBE REG

Computed By: MHD

Checked By : *XZ*

Report Date: 09-20-94

Specific Gravity = 2.650 (Assumed)

Moisture Determination

Dry Wt.+Tare(gm)= 188.80

Tare Wt(gm) = 99.60

Hygroscopic Moisture

Wet Wt.+Tare(gm)= 76.10

Dry Wt.+Tare(gm)= 74.60

Tare Wt(gm) = 38.20

Moisture(%) = 4.12

Sieve and Hydrometer Analysis

Total Dry Weight(gm) = 89.20001

Sieve	Wt.Ret.	% Pass.	Size(mm)
3 in.	0.0	100.0	76.2000
2 in.	0.0	100.0	50.8000
1.5 in.	0.0	100.0	38.1000
1 in.	0.0	100.0	25.4000
3/4 in.	0.0	100.0	19.0500
3/8 in.	0.0	100.0	9.5300
NO.4	0.0	100.0	4.7500
NO.10	0.0	100.0	2.0000
NO.20	0.0	100.0	0.8500
NO.40	0.0	100.0	0.4250
NO.50	0.0	100.0	0.3000
NO.100	0.1	99.8	0.1500
NO.200	0.3	99.4	0.0750

Air Dry Weight(gm)= 50.00

Corrected Weight(gm)= 48.02

Time	Temp.	Hyd.Rdg	Corr	% Pass	Size(mm)
1 min.	21.5	54.0	7.0	97.9	0.0361
4 min.	21.5	52.0	7.0	93.7	0.0185
15 min.	21.5	48.0	7.0	85.4	0.0099
1 hour	21.5	41.0	7.0	70.8	0.0053
4 hours	21.5	32.5	7.0	53.1	0.0028

Gravel(%)= 0

Sand(%)= 1

Silt(%)= 30

Clay(%)= 69

SINGLETON LABORATORIES PARTICLE SIZE ANALYSIS

PROJECT: TVA/CLINCH RIVER
FEATURE:
STATION:
RANGE : SITE Y1
PART :

BORING:
EL. :
SAMPLE: T0040
DATE : 09-20-94

GRAVEL (%) = 0	D10 (MM) = --
SAND (%) = 21	D30 (MM) = --
SILT (%) = 34	D60 (MM) = --
CLAY (%) = 45	COEF UNIF = --

SOIL SYMBOL =	L.L. (%) =	DENSITY (pcf) = --
MOISTURE (%) = --	P.I. (%) =	SATURATION (%) = --
SP. GR. = 2.65		VOID RATIO = --

REMARKS:

Singleton Laboratories
General Classification Tests

Project: TVA/CLINCH RIVER

Feature:

Station:

Range : SITE Y1

Boring :

El. :

Sample: T0040

Part :

FILE : 82

TESTED BY : CBE REG

Computed By: MHD

Checked By : *XZ*

Report Date: 09-20-94

Specific Gravity = 2.650 (Assumed)

Moisture Determination

Dry Wt.+Tare(gm) = 198.50

Tare Wt(gm) = 97.00

Hygroscopic Moisture

Wet Wt.+Tare(gm) = 86.50

Dry Wt.+Tare(gm) = 84.90

Tare Wt(gm) = 37.10

Moisture(%) = 3.35

Sieve and Hydrometer Analysis

Total Dry Weight(gm) = 101.5

Sieve	Wt.Ret.	% Pass.	Size(mm)
3 in.	0.0	100.0	76.2000
2 in.	0.0	100.0	50.8000
1.5 in.	0.0	100.0	38.1000
1 in.	0.0	100.0	25.4000
3/4 in.	0.0	100.0	19.0500
3/8 in.	0.0	100.0	9.5300
NO. 4	0.0	100.0	4.7500
NO. 10	0.0	100.0	2.0000
NO. 20	0.5	99.0	0.8500
NO. 40	1.1	97.7	0.4250
NO. 50	1.5	96.9	0.3000
NO. 100	3.4	93.0	0.1500
NO. 200	10.2	78.9	0.0750

Air Dry Weight(gm) = 50.00

Corrected Weight(gm) = 48.38

Time	Temp.	Hyd. Rdg.	Corr	% Pass	Size(mm)
1 min.	21.5	40.0	7.0	68.2	0.0414
4 min.	21.5	37.0	7.0	62.0	0.0212
15 min.	21.5	34.0	7.0	55.8	0.0112
1 hour	21.5	30.0	7.0	47.5	0.0058
4 hours	21.5	24.5	7.0	36.2	0.0030

Gravel(%) = 0

Sand(%) = 21

Silt(%) = 34

Clay(%) = 45

SINGLETON LABORATORIES PARTICLE SIZE ANALYSIS

PROJECT: TVA/CLINCH RIVER
FEATURE:
STATION:
RANGE : SITE Y3
PART :

BORING:
EL. :
SAMPLE: T0060
DATE : 09-20-94

Singleton Laboratories
General Classification Tests

Project: TVA/CLINCH RIVER

Feature:

Station:

Range : SITE Y3

Boring :

El. :

Sample: T0060

Part :

FILE : 84

TESTED BY : CBE REG

Computed By: MHD

Checked By : *XL*

Report Date: 09-20-94

Specific Gravity = 2.650 (Assumed)

Moisture Determination

Dry Wt.+Tare(gm) = 179.50

Tare Wt(gm) = 108.20

Hygroscopic Moisture

Wet Wt.+Tare(gm) = 59.80

Dry Wt.+Tare(gm) = 59.10

Tare Wt(gm) = 40.10

Moisture(%) = 3.68

Sieve and Hydrometer Analysis

Total Dry Weight(gm) = 71.3

Sieve	Wt.Ret.	% Pass.	Size(mm)
3 in.	0.0	100.0	76.2000
2 in.	0.0	100.0	50.8000
1.5 in.	0.0	100.0	38.1000
1 in.	0.0	100.0	25.4000
3/4 in.	0.0	100.0	19.0500
3/8 in.	0.0	100.0	9.5300
NO.4	0.0	100.0	4.7500
NO.10	0.0	100.0	2.0000
NO.20	0.0	100.0	0.8500
NO.40	0.1	99.8	0.4250
NO.50	0.1	99.8	0.3000
NO.100	0.2	99.6	0.1500
NO.200	0.3	99.4	0.0750

Air Dry Weight(gm) = 50.00

Corrected Weight(gm) = 48.22

Time	Temp.	Hyd.Rdg	Corr	% Pass	Size(mm)
1 min.	21.5	54.0	7.0	97.5	0.0361
4 min.	21.5	52.5	7.0	94.4	0.0184
15 min.	21.5	47.5	7.0	84.0	0.0100
1 hour	21.5	39.0	7.0	66.4	0.0054
4 hours	21.5	31.0	7.0	49.8	0.0029

Gravel(%) = 0

Sand(%) = 1

Silt(%) = 35

Clay(%) = 64

SINGLETON LABORATORIES PARTICLE SIZE ANALYSIS

PROJECT: TVA/CLINCH RIVER
FEATURE:
STATION:
RANGE : SITE REF2
PART :

BORING:
EL. :
SAMPLE: T0070
DATE : 09-21-94

GRAVEL (%) = 0
SAND (%) = 1
SILT (%) = 38
CLAY (%) = 61

D10 (MM) = --
D30 (MM) = --
D60 (MM) = --
COEF UNIF = --

SOIL SYMBOL =
MOISTURE (%) = --
SP. GR. = 2.65

L.L. (%) =
P.I. (%) =

DENSITY (pcf) = --
SATURATION (%) = --
VOID RATIO = --

REMARKS:

Singleton Laboratories
General Classification Tests

Project: TVA/CLINCH RIVER
Feature:
Station:
Range : SITE REF2
Boring :

El. :
Sample: T0070
Part :

FILE : 85
TESTED BY : CBE REG
Computed By: MHD
Checked By : *XL*
Report Date: 09-21-94

Specific Gravity = 2.650 (Assumed)

Moisture Determination

Dry Wt.+Tare(gm) = 178.30 Tare Wt(gm) = 104.60

Hygroscopic Moisture

Wet Wt.+Tare(gm) = 62.00 Dry Wt.+Tare(gm) = 61.20
Tare Wt(gm) = 39.70 Moisture(%) = 3.72

Sieve and Hydrometer Analysis

Total Dry Weight(gm) = 73.70001

Sieve	Wt.Ret.	% Pass.	Size(mm)
3 in.	0.0	100.0	76.2000
2 in.	0.0	100.0	50.8000
1.5 in.	0.0	100.0	38.1000
1 in.	0.0	100.0	25.4000
3/4 in.	0.0	100.0	19.0500
3/8 in.	0.0	100.0	9.5300
NO.4	0.0	100.0	4.7500
NO.10	0.0	100.0	2.0000
NO.20	0.0	100.0	0.8500
NO.40	0.0	100.0	0.4250
NO.50	0.1	99.8	0.3000
NO.100	0.2	99.6	0.1500
NO.200	0.3	99.4	0.0750

Air Dry Weight(gm) = 50.00

Corrected Weight(gm) = 48.21

Time	Temp.	Hyd.Rdg	Corr	% Pass	Size(mm)
1 min.	21.5	53.0	7.0	95.4	0.0365
4 min.	21.5	50.0	7.0	89.2	0.0189
15 min.	21.5	46.0	7.0	80.9	0.0101
1 hour	21.5	37.5	7.0	63.3	0.0055
4 hours	21.5	29.5	7.0	46.7	0.0029

Gravel(%) = 0

Sand(%) = 1

Silt(%) = 38

Clay(%) = 61

Singleton Laboratories
General Classification Tests

Project: TVA/CLINCH RIVER

Feature:

Station:

Range : SITE X1

Boring :

El. :

Sample: T0080

Part :

FILE : 86

TESTED BY : CBE REG

Computed By: MHD

Checked By : *XZ*

Report Date: 09-20-94

Specific Gravity = 2.650 (Assumed)

Moisture Determination

Dry Wt.+Tare(gm) = 175.50

Tare Wt(gm) = 97.00

Hygroscopic Moisture

Wet Wt.+Tare(gm) = 64.40

Dry Wt.+Tare(gm) = 63.30

Tare Wt(gm) = 38.40

Moisture(%) = 4.42

Sieve and Hydrometer Analysis

Total Dry Weight(gm) = 78.5

Sieve	Wt.Ret.	% Pass.	Size(mm)
3 in.	0.0	100.0	76.2000
2 in.	0.0	100.0	50.8000
1.5 in.	0.0	100.0	38.1000
1 in.	0.0	100.0	25.4000
3/4 in.	0.0	100.0	19.0500
3/8 in.	0.0	100.0	9.5300
NO.4	0.0	100.0	4.7500
NO.10	0.0	100.0	2.0000
NO.20	0.4	99.2	0.8500
NO.40	0.7	98.5	0.4250
NO.50	0.8	98.3	0.3000
NO.100	1.2	97.5	0.1500
NO.200	2.1	95.6	0.0750

Air Dry Weight(gm) = 50.00

Corrected Weight(gm) = 47.88

Time	Temp.	Hyd.Rdg	Corr	% Pass	Size(mm)
1 min.	21.3	51.5	7.0	92.9	0.0372
4 min.	21.3	48.0	7.0	85.6	0.0193
15 min.	21.3	42.5	7.0	74.1	0.0105
1 hour	21.3	35.5	7.0	59.5	0.0056
4 hours	21.3	28.0	7.0	43.9	0.0029

Gravel(%) = 0

Sand(%) = 4

Silt(%) = 39

Clay(%) = 57

SINGLETON LABORATORIES PARTICLE SIZE ANALYSIS

PROJECT: TVA/CLINCH RIVER

BORING:

FEATURE:

EL. :

STATION:

SAMPLE: T0298

RANGE : SITE X1

DATE : 09-21-94

PART :

GRAVEL (%) = 0

D10 (MM) = --

SAND (%) = 8

D30 (MM) = --

SILT (%) = 40

D60 (MM) = --

CLAY (%) = 52

COEF UNIF = --

SOIL SYMBOL =

L.L. (%) =

DENSITY (pcf) = --

MOISTURE (%) = --

P.I. (%) =

SATURATION (%) = --

SP. GR. = 2.65

VOID RATIO = --

REMARKS:

Singleton Laboratories
General Classification Tests

Project: TVA/CLINCH RIVER

Feature:

Station:

Range : SITE X1

Boring :

El. :

Sample: T0298

Part :

FILE : 87

TESTED BY : CBE REG

Computed By: MHD

Checked By : *XL*

Report Date: 09-21-94

Specific Gravity = 2.650 (Assumed)

Moisture Determination

Dry Wt.+Tare(gm) = 181.30

Tare Wt(gm) = 103.90

Hygroscopic Moisture

Wet Wt.+Tare(gm) = 64.40

Dry Wt.+Tare(gm) = 63.30

Tare Wt(gm) = 39.40

Moisture(%) = 4.60

Sieve and Hydrometer Analysis

Total Dry Weight(gm) = 77.4

Sieve	Wt.Ret.	% Pass.	Size(mm)
3 in.	0.0	100.0	76.2000
2 in.	0.0	100.0	50.8000
1.5 in.	0.0	100.0	38.1000
1 in.	0.0	100.0	25.4000
3/4 in.	0.0	100.0	19.0500
3/8 in.	0.0	100.0	9.5300
NO.4	0.0	100.0	4.7500
NO.10	0.0	100.0	2.0000
NO.20	0.5	99.0	0.8500
NO.40	1.0	97.9	0.4250
NO.50	1.3	97.3	0.3000
NO.100	2.3	95.2	0.1500
NO.200	3.7	92.3	0.0750

Air Dry Weight(gm) = 50.00

Corrected Weight(gm) = 47.80

Time	Temp.	Hyd.Rdg	Corr	% Pass	Size(mm)
1 min.	21.3	49.0	7.0	87.9	0.0382
4 min.	21.3	46.0	7.0	81.6	0.0197
15 min.	21.3	40.5	7.0	70.1	0.0107
1 hour	21.3	33.5	7.0	55.4	0.0057
4 hours	21.3	26.5	7.0	40.8	0.0030

Gravel(%) = 0

Sand(%) = 8

Silt(%) = 40

Clay(%) = 52

SINGLETON LABORATORIES PARTICLE SIZE ANALYSIS

PROJECT: TVA/CLINCH RIVER
FEATURE:
STATION:
RANGE : SITE X2
PART :

BORING:
EL. :
SAMPLE: T0090
DATE : 09-20-94

GRAVEL (%) = 0
SAND (%) = 5
SILT (%) = 52
CLAY (%) = 43

D10 (MM) = --
D30 (MM) = --
D60 (MM) = --
COEF UNIF = --

SOIL SYMBOL =
MOISTURE (%) = --
SP. GR. = 2.65

L.L. (%) =
P.I. (%) =

DENSITY (pcf) = --
SATURATION (%) = --
VOID RATIO = --

REMARKS:

Singleton Laboratories
General Classification Tests

Project: TVA/CLINCH RIVER

Feature:

Station:

Range : SITE X2

Boring :

El. :

Sample: T0090

Part :

FILE : 88

TESTED BY : CBE REG

Computed By: MHD

Checked By : *X*

Report Date: 09-20-94

Specific Gravity = 2.650 (Assumed)

Moisture Determination

Dry Wt.+Tare(gm)= 166.30

Tare Wt(gm) = 71.40

Hygroscopic Moisture

Wet Wt.+Tare(gm)= 67.00

Dry Wt.+Tare(gm)= 65.80

Tare Wt(gm) = 37.00

Moisture(%) = 4.17

Sieve and Hydrometer Analysis

Total Dry Weight(gm) = 94.9

Sieve	Wt.Ret.	% Pass.	Size(mm)
3 in.	0.0	100.0	76.2000
2 in.	0.0	100.0	50.8000
1.5 in.	0.0	100.0	38.1000
1 in.	0.0	100.0	25.4000
3/4 in.	0.0	100.0	19.0500
3/8 in.	0.0	100.0	9.5300
NO.4	0.0	100.0	4.7500
NO.10	0.0	100.0	2.0000
NO.20	0.3	99.4	0.8500
NO.40	0.5	99.0	0.4250
NO.50	0.6	98.7	0.3000
NO.100	1.1	97.7	0.1500
NO.200	2.4	95.0	0.0750

Air Dry Weight(gm)= 50.00

Corrected Weight(gm)= 48.00

Time	Temp.	Hyd.Rdg	Corr	% Pass	Size(mm)
1 min.	21.3	49.0	7.0	87.5	0.0382
4 min.	21.3	43.0	7.0	75.0	0.0202
15 min.	21.3	35.5	7.0	59.4	0.0111
1 hour	21.3	29.0	7.0	45.8	0.0058
4 hours	21.3	24.0	7.0	35.4	0.0030

Gravel(%)= 0

Sand(%)= 5

Silt(%)= 52

Clay(%)= 43

SINGLETON LABORATORIES PARTICLE SIZE ANALYSIS

PROJECT: TVA/CLINCH RIVER
FEATURE:
STATION:
RANGE : SITE D
PART :

BORING:
EL. :
SAMPLE: T0240
DATE : 09-20-94

GRAVEL (%) = 0	D10 (MM) = --
SAND (%) = 2	D30 (MM) = --
SILT (%) = 64	D60 (MM) = --
CLAY (%) = 34	COEF UNIF = --

SOIL SYMBOL =	L.L. (%) =	DENSITY (pcf) = --
MOISTURE (%) = --	P.I. (%) =	SATURATION (%) = --
SP. GR. = 2.65		VOID RATIO = --

REMARKS:

Singleton Laboratories
General Classification Tests

Project: TVA/CLINCH RIVER

Feature:

Station:

Range : SITE D

Boring :

El. :

Sample: T0240

Part :

FILE : 89

TESTED BY : CBE REG

Computed By: MHD

Checked By : *XL*

Report Date: 09-20-94

Specific Gravity = 2.650 (Assumed)

Moisture Determination

Dry Wt.+Tare(gm) = 252.80

Tare Wt(gm) = 103.90

Hygroscopic Moisture

Wet Wt.+Tare(gm) = 69.70

Dry Wt.+Tare(gm) = 69.00

Tare Wt(gm) = 39.70

Moisture(%) = 2.39

Sieve and Hydrometer Analysis

Total Dry Weight(gm) = 148.9

Sieve	Wt.Ret.	% Pass.	Size(mm)
3 in.	0.0	100.0	76.2000
2 in.	0.0	100.0	50.8000
1.5 in.	0.0	100.0	38.1000
1 in.	0.0	100.0	25.4000
3/4 in.	0.0	100.0	19.0500
3/8 in.	0.0	100.0	9.5300
NO.4	0.0	100.0	4.7500
NO.10	0.0	100.0	2.0000
NO.20	0.1	99.8	0.8500
NO.40	0.2	99.6	0.4250
NO.50	0.3	99.4	0.3000
NO.100	0.4	99.2	0.1500
NO.200	1.0	98.0	0.0750

Air Dry Weight(gm) = 50.00

Corrected Weight(gm) = 48.83

Time	Temp.	Hyd.Rdg	Corr	% Pass	Size(mm)
1 min.	21.3	51.5	7.0	91.1	0.0372
4 min.	21.3	44.0	7.0	75.8	0.0200
15 min.	21.3	33.5	7.0	54.3	0.0113
1 hour	21.3	25.0	7.0	36.9	0.0060
4 hours	21.3	19.5	7.0	25.6	0.0031

Gravel(%) = 0

Sand(%) = 2

Silt(%) = 64

Clay(%) = 34

SINGLETON LABORATORIES PARTICLE SIZE ANALYSIS

PROJECT: TVA/CLINCH RIVER
FEATURE:
STATION:
RANGE : SITE E
PART :

BORING:
EL. :
SAMPLE: T0250
DATE : 09-20-94

GRAVEL (%) = 0	D10 (MM) = --
SAND (%) = 2	D30 (MM) = --
SILT (%) = 61	D60 (MM) = --
CLAY (%) = 37	COEF UNIF = --

SOIL SYMBOL =	L.L. (%) =	DENSITY (pcf) = --
MOISTURE (%) = --	P.I. (%) =	SATURATION (%) = --
SP. GR. = 2.65		VOID RATIO = --

REMARKS:

Singleton Laboratories
General Classification Tests

Project: TVA/CLINCH RIVER

Feature:

Station:

Range : SITE E

Boring :

El. :

Sample: T0250

Part :

FILE : 90

TESTED BY : CBE REG

Computed By: MHD

Checked By : XL

Report Date: 09-20-94

Specific Gravity = 2.650 (Assumed)

Moisture Determination

Dry Wt.+Tare(gm) = 235.70

Tare Wt(gm) = 105.80

Hygroscopic Moisture

Wet Wt.+Tare(gm) = 69.30

Dry Wt.+Tare(gm) = 68.40

Tare Wt(gm) = 39.30

Moisture(%) = 3.09

Sieve and Hydrometer Analysis

Total Dry Weight(gm) = 129.9

Sieve	Wt.Ret.	% Pass.	Size(mm)
3 in.	0.0	100.0	76.2000
2 in.	0.0	100.0	50.8000
1.5 in.	0.0	100.0	38.1000
1 in.	0.0	100.0	25.4000
3/4 in.	0.0	100.0	19.0500
3/8 in.	0.0	100.0	9.5300
NO. 4	0.0	100.0	4.7500
NO. 10	0.0	100.0	2.0000
NO. 20	0.0	100.0	0.8500
NO. 40	0.0	100.0	0.4250
NO. 50	0.1	99.8	0.3000
NO. 100	0.2	99.6	0.1500
NO. 200	1.2	97.5	0.0750

Air Dry Weight(gm) = 50.00

Corrected Weight(gm) = 48.50

Time	Temp.	Hyd.Rdg	Corr	% Pass	Size(mm)
1 min.	21.3	50.0	7.0	88.7	0.0378
4 min.	21.3	43.5	7.0	75.3	0.0201
15 min.	21.3	34.5	7.0	56.7	0.0112
1 hour	21.3	26.0	7.0	39.2	0.0060
4 hours	21.3	20.5	7.0	27.8	0.0031

Gravel(%) = 0

Sand(%) = 2

Silt(%) = 61

Clay(%) = 37

SINGLETON LABORATORIES PARTICLE SIZE ANALYSIS

PROJECT: TVA/CLINCH RIVER
FEATURE:
STATION:
RANGE : SITE C
PART :

BORING:
EL. :
SAMPLE: T0120
DATE : 09-20-84

GRAVEL (%) = 0	D10 (MM) = --
SAND (%) = 31	D30 (MM) = --
SILT (%) = 42	D60 (MM) = --
CLAY (%) = 27	COEF UNIF = --

SOIL SYMBOL =	L.L. (%) =	DENSITY (pcf) = --
MOISTURE (%) = --	P.I. (%) =	SATURATION (%) = --
SP. GR. = 2.65		VOID RATIO = --

REMARKS:

Singleton Laboratories
General Classification Tests

Project: TVA/CLINCH RIVER

Feature:

Station:

Range : SITE C

Boring :

El. :

Sample: T0120

Part :

FILE : 91

TESTED BY : CBE REG

Computed By: MHD

Checked By : *XL*

Report Date: 09-20-94

Specific Gravity = 2.650 (Assumed)

Moisture Determination

Dry Wt.+Tare(gm)= 183.30

Tare Wt(gm) = 108.30

Hygroscopic Moisture

Wet Wt.+Tare(gm)= 58.00

Dry Wt.+Tare(gm)= 57.10

Tare Wt(gm) = 38.00

Moisture(%) = 4.71

Sieve and Hydrometer Analysis

Total Dry Weight(gm) = 75

Sieve	Wt.Ret.	% Pass.	Size(mm)
3 in.	0.0	100.0	76.2000
2 in.	0.0	100.0	50.8000
1.5 in.	0.0	100.0	38.1000
1 in.	0.0	100.0	25.4000
3/4 in.	0.0	100.0	19.0500
3/8 in.	0.0	100.0	9.5300
NO.4	0.0	100.0	4.7500
NO.10	0.0	100.0	2.0000
NO.20	1.6	96.6	0.8500
NO.40	4.0	91.6	0.4250
NO.50	6.2	87.0	0.3000
NO.100	10.5	78.0	0.1500
NO.200	14.7	69.2	0.0750

Air Dry Weight(gm)= 50.00

Corrected Weight(gm)= 47.75

Time	Temp.	Hyd.Rdg	Corr	% Pass	Size(mm)
1 min.	21.3	37.5	7.0	63.9	0.0424
4 min.	21.3	32.5	7.0	53.4	0.0221
15 min.	21.3	27.5	7.0	42.9	0.0118
1 hour	21.3	21.5	7.0	30.4	0.0062
4 hours	21.3	16.5	7.0	19.9	0.0032

Gravel(%)= 0

Sand(%)= 31

Silt(%)= 42

Clay(%)= 27

SINGLETON LABORATORIES PARTICLE SIZE ANALYSIS

PROJECT: TVA/CLINCH RIVER
FEATURE:
STATION: RANGE : SITE F
DATE : 09-20-84
BORING: EL. :
SAMPLE: 10260

GRAVEL (%) = 0
SAND (%) = 1
SILT (%) = 28
CLAY (%) = 71
COEF UNIF = --
D10 (MM) = --
D30 (MM) = --
D60 (MM) = --
L.L. (%) = --
P.I. (%) = --
MOISTURE (%) = --
SP. GR. = 2.65

DENSITY (pcf) = --
SATURATION (%) = --
VOID RATIO = --

REMARKS:

Singleton Laboratories
General Classification Tests

Project: TVA/CLINCH RIVER

Feature:

Station:

Range : SITE F

Boring :

El. :

Sample: T0260

Part :

FILE : 92

TESTED BY : CBE REG

Computed By: MHD

Checked By : *XL*

Report Date: 09-20-94

Specific Gravity = 2.650 (Assumed)

Moisture Determination

Dry Wt.+Tare(gm) = 167.40

Tare Wt(gm) = 105.60

Hygroscopic Moisture

Wet Wt.+Tare(gm) = 58.90

Dry Wt.+Tare(gm) = 58.10

Tare Wt(gm) = 38.90

Moisture(%) = 4.17

Sieve and Hydrometer Analysis

Total Dry Weight(gm) = 61.8

Sieve	Wt.Ret.	% Pass.	Size(mm)
3 in.	0.0	100.0	76.2000
2 in.	0.0	100.0	50.8000
1.5 in.	0.0	100.0	38.1000
1 in.	0.0	100.0	25.4000
3/4 in.	0.0	100.0	19.0500
3/8 in.	0.0	100.0	9.5300
NO.4	0.0	100.0	4.7500
NO.10	0.0	100.0	2.0000
NO.20	0.0	100.0	0.8500
NO.40	0.2	99.5	0.4250
NO.50	0.3	99.2	0.3000
NO.100	0.4	99.0	0.1500
NO.200	0.5	98.7	0.0750

Air Dry Weight(gm) = 40.00

Corrected Weight(gm) = 38.40

Time	Temp.	Hyd.Rdg	Corr	% Pass	Size(mm)
1 min.	21.3	43.0	7.0	93.8	0.0404
4 min.	21.3	42.0	7.0	91.1	0.0204
15 min.	21.3	40.5	7.0	87.2	0.0107
1 hour	21.3	35.5	7.0	74.2	0.0056
4 hours	21.3	28.5	7.0	56.0	0.0029

Gravel(%) = 0

Sand(%) = 1

Silt(%) = 28

Clay(%) = 71

The Critical Link.SM

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