FINAL
JUNE 2011 (N=29) GROUNDWATER, SURFACE-WATER, AND METHANE MONITORING REPORT

FOR

LONGSTREET ROAD MSW LANDFILL
NCDENR LANDFILL PERMIT #26-02

FORT BRAGG, NORTH CAROLINA

Prepared by:

US Army Corps of Engineers
Savannah District
Hazardous, Toxic & Radioactive Waste Section
CESAS-EN-GH
110 W. Oglethorpe Avenue
Savannah, GA 31401

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SIGNATURE OF CERTIFIED PROFESSIONAL GEOLOGIST	
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LIST OF ACRONYMS

C&D	Construction and Demolition
COCs	Chemicals of Concern
DPW	Directorate of Public Works
IDW	Investigation Derived Waste
LCID	Land Clearing and Inert Debris
µg/L	Micrograms Per Liter
MSWLF	Municipal Solid Waste Landfill Facility
NC2L	North Carolina Administrative Code, Title 15A, Subchapter 2L
NCDENR	North Carolina Department of Environmental and Natural Resources
RCRA	Resource Conservation and Recovery Act
SAP	Sampling and Analysis Plan
SSI	Statistically Significant Increase
USACE	US Army Corps of Engineers
VOCs	Volatile Organic Compounds

JUNE 2011 (N=29) GROUNDWATER, SURFACE-WATER, AND METHANE MONITORING REPORT FOR LONGSTREET ROAD MSW LANDFILL NCDENR LANDFILL PERMIT #26-02 FORT BRAGG, NORTH CAROLINA

1.0 INTRODUCTION

The report for the groundwater, surface-water, and methane monitoring for the Longstreet Landfill (Figure 1) was performed by the United States Army Corps of Engineers (USACE), Savannah District in June 2011. The monitoring is required by the North Carolina Department of Environmental and Natural Resources (NCDENR) Solid Waste Management Division. This is the twenty-ninth (N=29) monitoring event for the site. This report summarizes the methods used for the groundwater, surface-water, and methane monitoring and presents the results of the sampling event.

1.1 Project Background

The Longstreet Road landfill is a Municipal Solid Waste Landfill Facility (MSWLF) located north of Longstreet Road at Fort Bragg in Cumberland County, North Carolina. Figure 1 is a map of the site location. The United States Army Corps of Engineers (USACE), Savannah District has been contracted by the Fort Bragg Directorate of Public Works (DPW) to conduct water quality and methane sampling for the Environmental Branch to satisfy the permit and the Sampling and Analysis Plan (SAP) requirements. Groundwater, surface-water, and methane monitoring locations are shown on Figure 2. The current SAP, approved by NCDENR, includes sampling nine monitoring wells and two surface-water stations. The monitoring wells are SLMW-6, SLMW-7, SLMW-8, SLMW-9, SLMW-10, SLMW-11R, SLMW-12AR, SLMW-12BR, and SLMW-13, and the surface-water stations are SW-1 & SW-2. Monitoring well SLMW-11R is a replacement well that was installed in July 2008. The replacement well was installed because well SLMW-11 had been dry for several events. All sampling was conducted according to North Carolina Solid Waste Management Guidelines.

1.2 Project Scope

The scope for this project included collecting nine groundwater samples for all Appendix I and triggered Appendix II constituents, collecting two surface-water samples for all Appendix I & II constituents, performing methane monitoring at 14 selected methane monitoring wells and 4 buildings on site, evaluating the analytical results, and reporting the results of the investigation. The groundwater sampling and data analyses included obtaining field parameter measurements (i.e. pH, temperature, etc.), measuring water levels at the monitoring well locations, determining groundwater flow directions, validating laboratory analytical data, performing statistical analyses for each detected constituent as required by NC regulations, and determining the concentration changes of chemicals of concern (COCs) with time.

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2.0 PROJECT HISTORY

2.1 Site Description

The MSWLF is located north of Longstreet Road at Fort Bragg in Cumberland County, North Carolina. Figures 1 and 2 show the site location and layout. The MSWLF is west of the main post and east of Cooleyconch Mountain. Cooleyconch Mountain is the prominent terrain feature west of the main post. A vehicle washing facility borders the site to the east, the Lamont Road LCID and C&D Landfills are approximately 1.5 miles east of the site (on the west side of Cooleyconch Mountain).

2.2 General Site Geology and Hydrology

Lithologic descriptions of soil borings and monitoring well borings from previous investigations at Fort Bragg indicate that in general Fort Bragg is underlain by alternating sands, silty sands, clayey sands, sandy clays, and clays, likely belonging to the Middendorf Formation. The sands and silty sands range in thickness from approximately 2 to 22 ft and are coarse grained. The clay units range in thickness from approximately 2 to 7 ft and are typically plastic.

2.3 Previous Investigation and Results

Several sampling events have been conducted at the Landfill. Initially, four monthly sampling events were conducted in July, August, September, and October 1996 by R,S & H Architect, Engineering, & Planning, Inc. Law & Company, Inc. conducted two sampling events in March and September, 1999 in conjunction with the installation of new wells. Then until 2005, sampling events were conducted by BPA Environmental & Engineering, Inc. The USACE has monitored the site since 2005.

The previous sampling event, held in November 2010 for Longstreet Landfill, was conducted by the USACE, Savannah District. Low levels of VOCs, SVOCs, pesticides and Appendix II inorganics were detected, but most detections were at

estimated levels and/or were below NC2L standards. Benzene was detected above its NC2L standard at monitoring wells SLMW-8, SLMW-9, SLMW-10, and SW-2. Vinyl chloride was detected above the NC2L standard at monitoring wells SLMW-8, SLMW-9, SLMW-10, SLMW-12AR, and SW-2

3.0 METHODS

3.1 Methane Monitoring

Methane monitoring was performed at 14 wells and 4 buildings. The monitoring included measuring levels of methane, carbon dioxide, and oxygen at each of the locations. The results of the monitoring are summarized in Table 1 and are also presented on Figure 3.

3.2 Water-Level Gauging

During this sampling event, USACE personnel measured the water levels in 9 monitoring wells. Measured water levels and calculated groundwater elevations are presented in Table 2. A Potentiometric map was developed based on the groundwater elevations; the map is presented as Figure 4. The map shows that the general direction of the groundwater flow at the Longstreet Landfill is towards the south-southeast.

3.3 Groundwater and Surface-Water Sampling

The groundwater sampling was conducted in accordance with the SAP for the Longstreet Road MSWLF (NCDENR Landfill Permit #26-02, which has been updated to reflect the most recent SAP). Groundwater samples were collected from nine monitoring wells and two surface-water stations. Water quality parameters pH, specific conductivity, temperature, turbidity, dissolved oxygen (DO), and oxidation-reduction potential (ORP) were measured during the purge cycle of each well and prior to sampling the surface-water stations. The measurements are summarized in Table 3.

The surface-water sample was collected using a peristaltic pump. The water to be collected for VOC analysis was not allowed to pass through the head of the pump, instead the tubing was filled and the flow was reversed to fill the bottles. Groundwater samples were collected using a low-flow purge method with a bladder pump. Immediately before purging a well, the static water level below the top of the well casing and the total depth of the well were measured to the nearest 0.01 foot and recorded in the field notebook. The volume of water in the well was calculated based on the static water level and the

well construction information. Well volume calculations were placed in the field notebook. The inlet of the sampling pump was placed at the mid-point of the screened interval. This level was adjusted for wells where the static water level is within the well screen. The monitoring wells were purged using a variable-flow bladder pump at a rate of 500 ml/min or less.

The wells were purged until the water quality had stabilized or five purge volumes were removed. The wells were considered stable when the following requirements were met for three consecutive readings: turbidity values within 10% or lower than 10 Nephelometric Turbidity Units (NTUs), temperature values within a range of 0.5 degrees Celcius, pH readings within 0.1 Standard Units (SU), ORP values within a range of 10 milivolts (mV), and conductivity values within 3%, and DO values within 10%.

The rate of pumping was determined and noted in the field notebook. The purge rate was adjusted, as necessary, to avoid purging any well to dryness and to equal the recharge of the aquifer. All sampling equipment was protected from contaminated soil surfaces to prevent contamination of the samples (e.g., equipment may be placed on disposable polyethylene plastic sheeting). Groundwater samples were collected after purging was complete. The tubing was disconnected from the flow through cell and the samples were collected from the pump outlet. The samples were labeled and placed into an ice-filled cooler for preservation.

Groundwater sampling data (including sample number, location, quantity of water purged, field parameters, site conditions, etc.) were documented in the field notebook. Water samples for Resource Conservation and Recovery Act (RCRA) metal analyses were un-filtered. The results of the groundwater sampling are presented in Table 4 and on Figure 5. The groundwater sampling field data logs are presented in Appendix A.

3.4 Investigation Derived Wastes Handling

The investigation derived wastes (IDW), including the waste water from well purging and decontamination water, were containerized in 55-gallon drums. Those

drums were appropriately labeled, sealed, and staged within designated areas until analytical results had been received and reviewed. Based on the analytical results of the groundwater samples, the IDW was classified as non-hazardous. With the concurrence of the Fort Bragg Installation Restoration Program Manager, the IDW was disposed of at an appropriate disposal facility.

4.0 ANALYTICAL RESULTS AND STATISTICAL ANALYSIS

4.1 Analytical Data Summary

Groundwater samples were analyzed for VOCs, SVOCs, Pesticides, PCBs, Organophosphorus Pesticides, and Appendix II Inorganics. The surface-water samples were analyzed for all Appendix I and Appendix II constituents. The summary of detections of the COCs is presented in Table 4. Figure 5 shows the distribution of the detections and their concentrations from this sampling event. The reports of chemical data quality assessment prepared by the Project Chemist are included as Appendix B. The laboratory reports of analytical results are included as Appendix C. For comparison, the analytical results of previous investigations are also presented in the Statistical Analyses Summary Report included in Appendix D.

In accordance with North Carolina guidance, analytical results are compared to North Carolina Groundwater 2L Standards (NC2L standards). The analytical data of the first 2011 sampling event indicated that some VOCs and inorganics were detected at low levels, and most detections were below NC2L standards (Table 4). Three sampling locations had detections exceeding the NC2L standards: wells SLMW-7, SLMW-8, and SLMW-10. The analytical results for each of those wells are shown below:

- Well SLMW-7

  Two compounds were detected above the 2L standard as listed below:

Compound	2L	Concentration
Benzene	1 µg/L	1.0 µg/L
Vinyl Chloride	0.015 µg/L	0.58 J µg/L

  No other constituents were above their 2L standards.

- Well SLMW-8

  Two compounds were detected above the 2L standard as listed below:

Compound	2L	Concentration
Benzene	1 µg/L	3.5 µg/L
Cis-1,2-dichloroethene	70 µg/L	83 µg/L
Vinyl Chloride	0.015 µg/L	17 µg/L

No other constituents were above their 2L standards.

- Well SLMW-10

  Three compounds were detected above the 2L standard as listed below:

Compound	2L	Concentration
1,2-dichloroethane	0.38 µg/L	0.53 J µg/L
1,2-dichloropropane	0.56 µg/L	3.7 µg/L
Benzene	1 µg/L	1.5 µg/L
Vinyl Chloride	0.015 µg/L	2.4 µg/L

No other constituents were above their 2L standard.

Though wells had constituent detections above method detection limits, all other detections were below the respective NC2L standard and most are estimated values that were detected above the method detection limits but below the reporting limit (Table 4).

4.2 Statistical Analysis Results

A statistical test predicts the average behavior (distribution) of a random variable by comparing the means (normal distribution) or medians (lognormal and non-parametric distributions) of the compliance well data to background well data. Different statistical tests were used as appropriate for the different distributional patterns that occur within the data. Prior to testing for statistical significance, the distribution of each parameter was determined to be normal, lognormal, or non-normal.

If the data were non-normally distributed, or the fraction of nondetects exceeded 15% but were less than 90%, then the Kruskal-Wallis Test was applied. However, the Kruskal-Wallis test is prone to false positives. Therefore, additional statistical analyses were used to determine the validity of the positive results. If the fraction of non-detects exceeded 90%, then the Non-Parametric Prediction Limit was applied. Intra-well comparisons of data from a single well to previous data from the same well were performed to confirm if a trend of increasing concentration is occurring. The Mann-Kendall Trend Analysis and the Shewhart-CUSUM Control Chart statistical tests were

selected for these additional analyses.

A detailed discussion of the statistical methods is presented in Appendix D. The results of the analysis indicated that the samples collected at the Longstreet Road Municipal Solid Waste Landfill did not exhibit any evidence of statistically significant increases (SSIs) in the analytical results future analytical results will be evaluated using the same procedures.

According to North Carolina Administrative Code Title 15A Chapter 13 Subchapter B Section 1634 paragraph f [15A NC3AC 13B.1634 (f)], assessment monitoring shall continue if Appendix II parameters are detected at statistically significant levels above background but below established groundwater protection standards. Assessment monitoring will have to continue at the landfill until the presence of no SSIs is confirmed in the next monitoring event.

4.3 Methane Monitoring Results

The methane levels were measured at 18 locations at Longstreet. The results of the monitoring are summarized in Table 1 and are also presented on Figure 3. Five methane monitoring wells contained high levels of methane (> 5% Methane by Volume) with four readings at or above 19.3% methane by volume. Methane vent flares were recommended for this landfill in the 2005 Report.

5.0 CONCLUSIONS AND RECOMMENATIONS

The annual monitoring program consists of two sampling events (this was the first of 2011) conducted six months apart. This was the N=29 sampling event for the Longstreet Road Landfill. Low levels of VOCs, SVOCs, and Appendix II inorganics were detected, but most detections were at estimated levels and/or were below NC2L standards. Benzene and Vinyl Chloride were detected above their NC2L standard at monitoring wells SLMW-7, SLMW-8, and SLMW-10. Cis-1,2-dichloroethene was detected above its NC2L standard at monitoring well SLMW-8. Monitoring well SLMW-10 had detections of 1,2-dichloroethene and 1,2-dichloropropane above their NC2L standard.

According to the Statistical Analysis of groundwater Data (Appendix D), the results of the analysis indicated that the samples collected at the Longstreet Road Municipal Solid Waste Landfill did not exhibit any evidence of SSIs in the analytical results.

According to North Carolina Administrative Code Title 15A Chapter 13 Subchapter B Section 1634 paragraph f [15A NC3AC 13B.1634 (f)], assessment monitoring shall continue if Appendix II parameters are detected at statistically significant levels above background but below established groundwater protection standards. No SSIs were identified during this event, assessment monitoring will continue until the lack of SSIs is confirmed in the N=30 sampling event. Long-term monitoring should continue at the Longstreet Road Landfill because it is still an active site and NC Solid Waste Regulations require it.

The methane levels were measured at 18 locations at Longstreet. Five methane monitoring wells showed high levels of methane (> 5%) with four reading at or above 19.3% methane by volume. Methane vent flares were recommended for this landfill in the 2005 Report.

6.0 REFERENCES

North Carolina Administrative Code, Title 15A, Department of Environment, Health, and Natural Resources, Division of Solid Waste, Management, Subchapter 13B, Solid Waste Management, Section .1600 (January 4, 1994).

North Carolina Administrative Code, Title 15A, Department of Environment, Health, and Natural Resources, Division of Solid Waste, Management, SubchapterNC2L, Classifications and Water Quality Standards Applicable to the Groundwaters of North Carolina, Sections .0100, .0200, and .0300 (November 8, 1993): from the Environmental Management Commission, Raleigh, North Carolina.

FIGURES

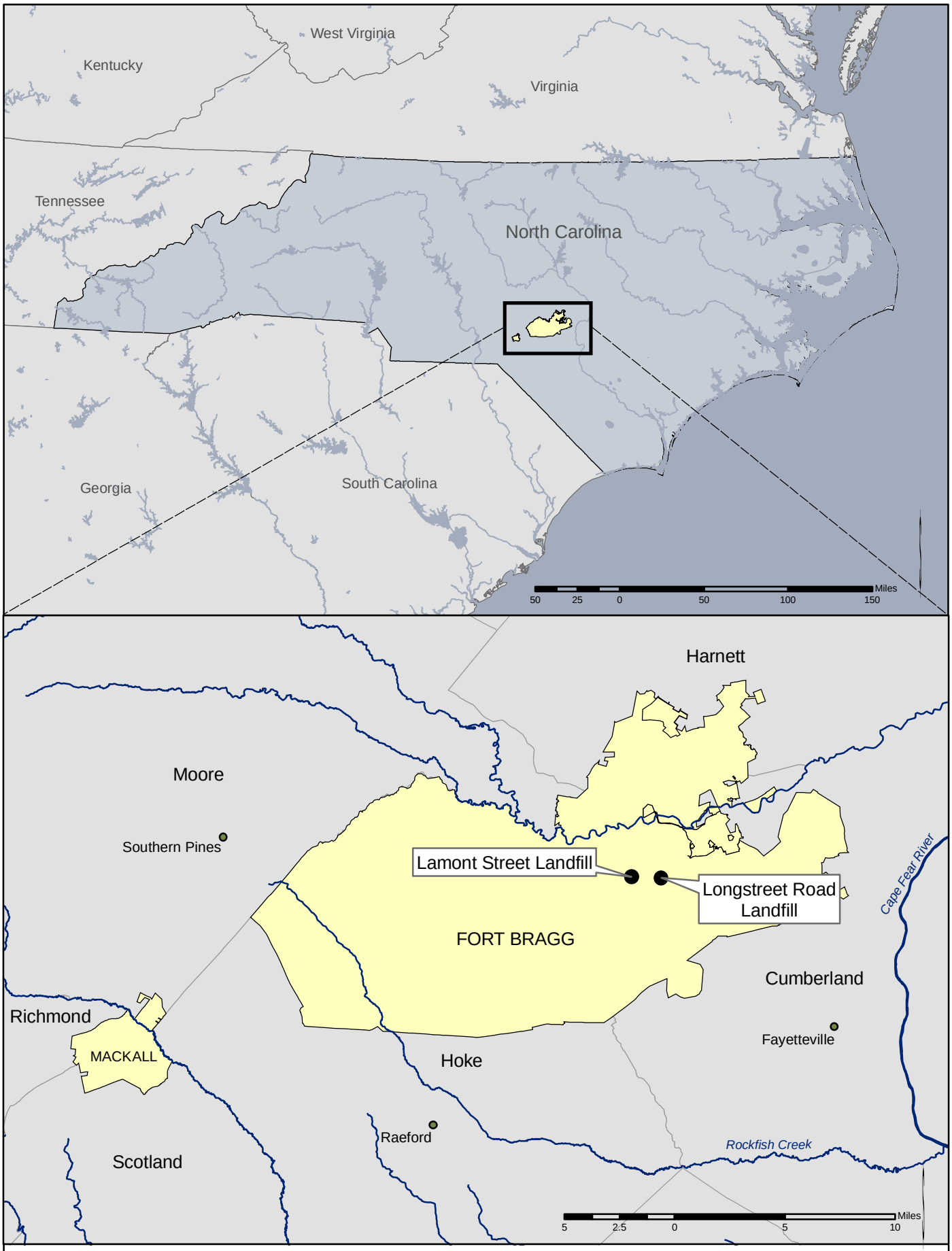

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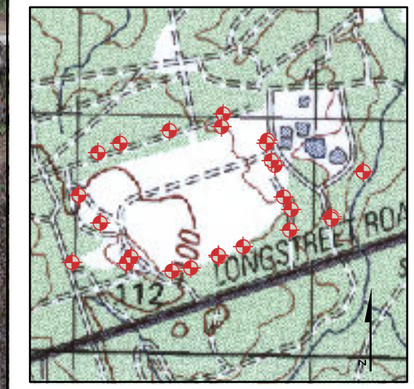
Figure 1

Site Map -- Ft. Bragg, NC



METHANE SAMPLE
SURFACE-WATER SAMPLE
MONITORING WELL
STREAM
PAVED ROAD
DIRT ROAD
BUILDING

1 inch = 320 feet

0 160 320 640'

N

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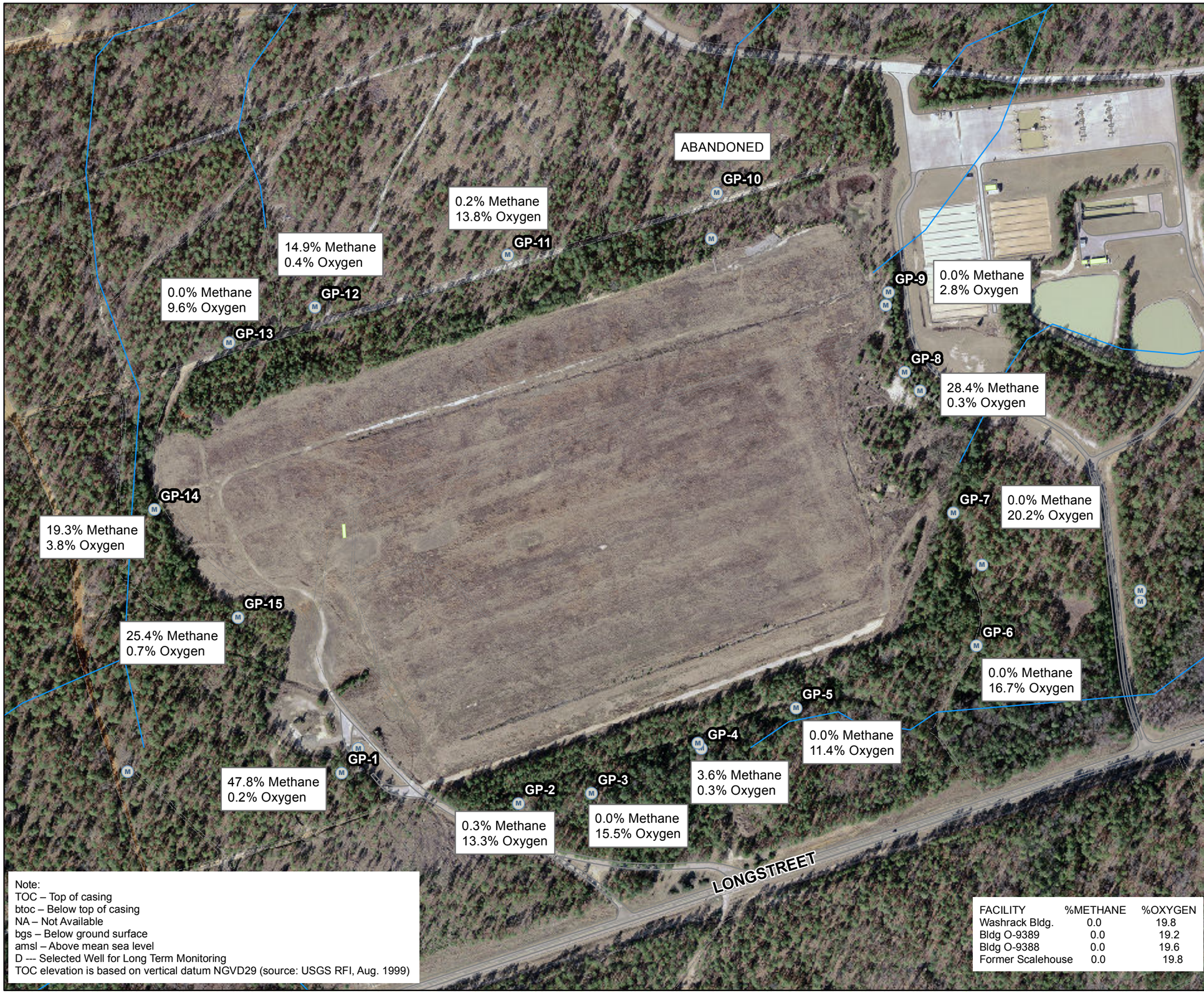
LOCATION MAP- LONGSTREET RD LANDFILL

FT. BRAGG, NC

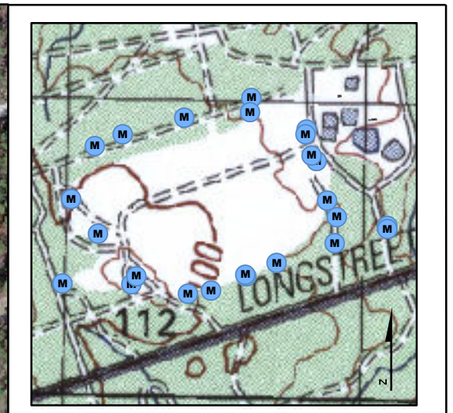
DATE: OCT 2011

FIGURE 2



Note:
TOC – Top of casing
btoc – Below top of casing
NA – Not Available
bgs – Below ground surface
amsl – Above mean sea level
D --- Selected Well for Long Term Monitoring
TOC elevation is based on vertical datum NGVD29 (source: USGS RFI, Aug. 1999)

FACILITY	%METHANE	%OXYGEN
Washrack Bldg.	0.0	19.8
Bldg O-9389	0.0	19.2
Bldg O-9388	0.0	19.6
Former Scalehouse	0.0	19.8



METHANE SAMPLE
STREAM
BUILDING
ROAD
TRAIL

1 inch = 333 feet
0 175 350 700'
N

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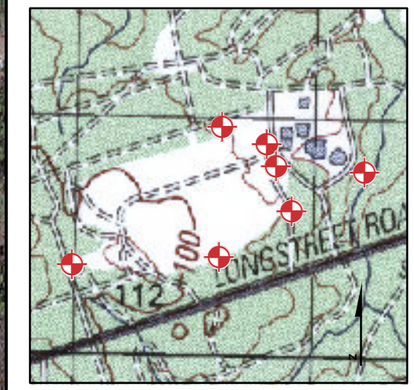
METHANE MONITORING RESULTS

LONGSTREET LANDFILL
FT. BRAGG, NC

DATE: OCT2011 | FIGURE 3



Longstreet Wells

Groundwater Contour

Note: Monitoring wells used for potentiometric surface are displayed with elevations in feet above MSL in parenthesis below the label.

1 inch = 333 feet

0 160 320 640'

N

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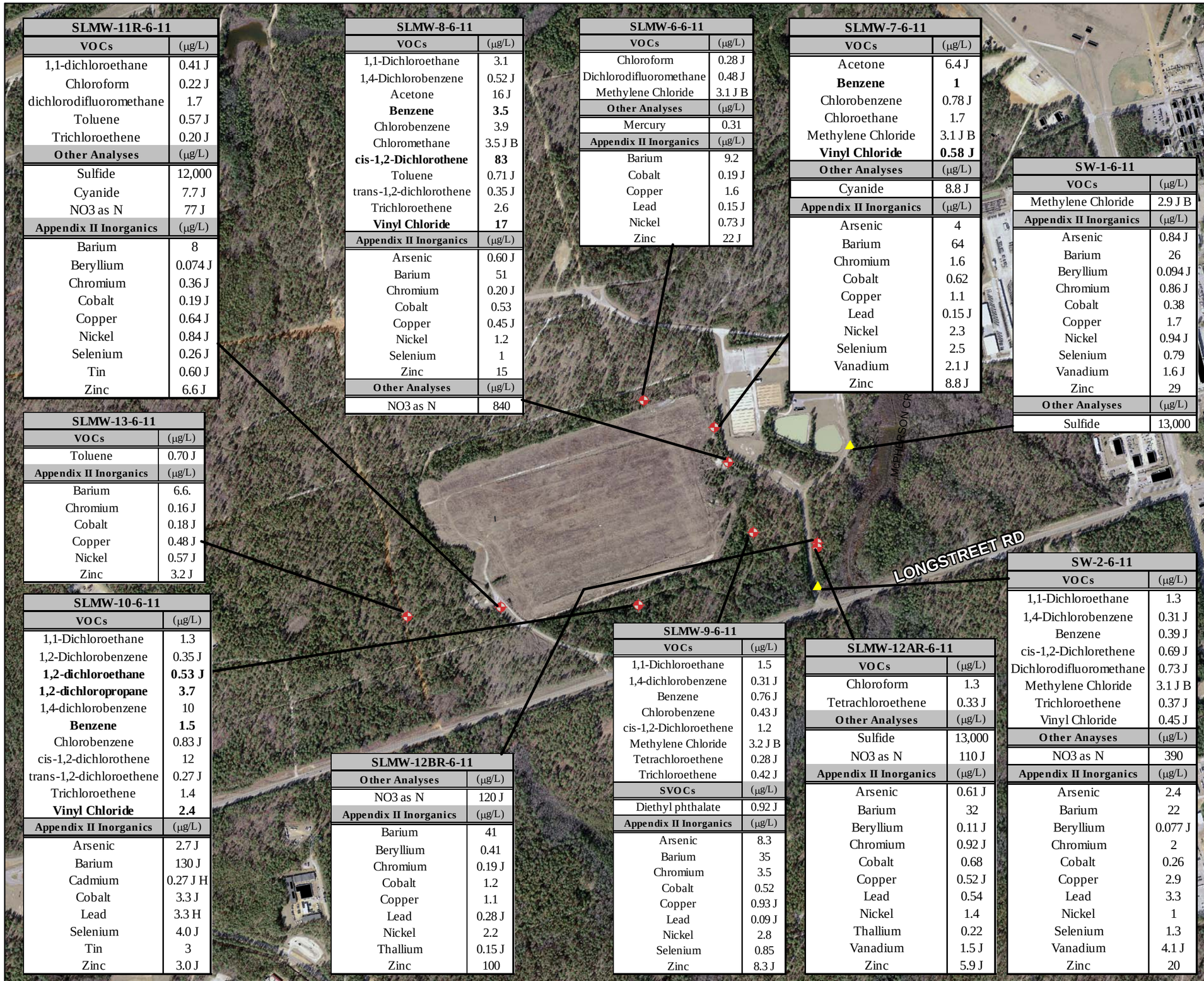
LONGSTREET LANDFILL, FORT BRAGG, NC

POTENTIOMETRIC MAP

DATE: OCT 2011

FIGURE 4



SLMW-11R-6-11	
VOCs	(µg/L)
1,1-dichloroethane	0.41 J
Chloroform	0.22 J
dichlorodifluoromethane	1.7
Toluene	0.57 J
Trichloroethene	0.20 J
Other Analyses	(µg/L)
Sulfide	12,000
Cyanide	7.7 J
NO3 as N	77 J
Appendix II Inorganics	(µg/L)
Barium	8
Beryllium	0.074 J
Chromium	0.36 J
Cobalt	0.19 J
Copper	0.64 J
Nickel	0.84 J
Selenium	0.26 J
Tin	0.60 J
Zinc	6.6 J

SLMW-13-6-11	
VOCs	(µg/L)
Toluene	0.70 J
Appendix II Inorganics	(µg/L)
Barium	6.6.
Chromium	0.16 J
Cobalt	0.18 J
Copper	0.48 J
Nickel	0.57 J
Zinc	3.2 J

SLMW-10-6-11	
VOCs	(µg/L)
1,1-Dichloroethane	1.3
1,2-Dichlorobenzene	0.35 J
1,2-dichloroethane	**0.53 J**
1,2-dichloropropane	**3.7**
1,4-dichlorobenzene	10
Benzene	**1.5**
Chlorobenzene	0.83 J
cis-1,2-dichlorothene	12
trans-1,2-dichloroethene	0.27 J
Trichloroethene	1.4
Vinyl Chloride	**2.4**
Appendix II Inorganics	(µg/L)
Arsenic	2.7 J
Barium	130 J
Cadmium	0.27 J H
Cobalt	3.3 J
Lead	3.3 H
Selenium	4.0 J
Tin	3
Zinc	3.0 J

SLMW-8-6-11	
VOCs	(µg/L)
1,1-Dichloroethane	3.1
1,4-Dichlorobenzene	0.52 J
Acetone	16 J
Benzene	**3.5**
Chlorobenzene	3.9
Chloromethane	3.5 J B
cis-1,2-Dichlorothene	**83**
Toluene	0.71 J
trans-1,2-dichlorothene	0.35 J
Trichloroethene	2.6
Vinyl Chloride	**17**
Appendix II Inorganics	(µg/L)
Arsenic	0.60 J
Barium	51
Chromium	0.20 J
Cobalt	0.53
Copper	0.45 J
Nickel	1.2
Selenium	1
Zinc	15
Other Analyses	(µg/L)
NO3 as N	840

SLMW-6-6-11	
VOCs	(µg/L)
Chloroform	0.28 J
Dichlorodifluoromethane	0.48 J
Methylene Chloride	3.1 J B
Other Analyses	(µg/L)
Mercury	0.31
Appendix II Inorganics	(µg/L)
Barium	9.2
Cobalt	0.19 J
Copper	1.6
Lead	0.15 J
Nickel	0.73 J
Zinc	22 J

SLMW-7-6-11	
VOCs	(µg/L)
Acetone	6.4 J
Benzene	**1**
Chlorobenzene	0.78 J
Chloroethane	1.7
Methylene Chloride	3.1 J B
Vinyl Chloride	**0.58 J**
Other Analyses	(µg/L)
Cyanide	8.8 J
Appendix II Inorganics	(µg/L)
Arsenic	4
Barium	64
Chromium	1.6
Cobalt	0.62
Copper	1.1
Lead	0.15 J
Nickel	2.3
Selenium	2.5
Vanadium	2.1 J
Zinc	8.8 J

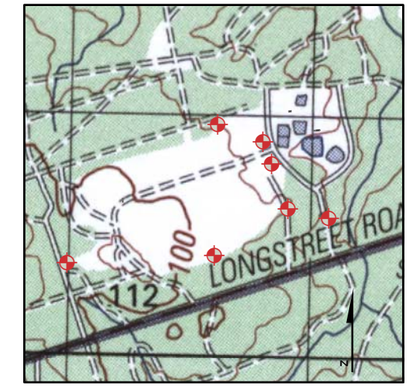
SW-1-6-11	
VOCs	(µg/L)
Methylene Chloride	2.9 J B
Appendix II Inorganics	(µg/L)
Arsenic	0.84 J
Barium	26
Beryllium	0.094 J
Chromium	0.86 J
Cobalt	0.38
Copper	1.7
Nickel	0.94 J
Selenium	0.79
Vanadium	1.6 J
Zinc	29
Other Analyses	(µg/L)
Sulfide	13,000

SLMW-12BR-6-11	
Other Analyses	(µg/L)
NO3 as N	120 J
Appendix II Inorganics	(µg/L)
Barium	41
Beryllium	0.41
Chromium	0.19 J
Cobalt	1.2
Copper	1.1
Lead	0.28 J
Nickel	2.2
Thallium	0.15 J
Zinc	100

SLMW-9-6-11	
VOCs	(µg/L)
1,1-Dichloroethane	1.5
1,4-dichlorobenzene	0.31 J
Benzene	0.76 J
Chlorobenzene	0.43 J
cis-1,2-Dichloroethene	1.2
Methylene Chloride	3.2 J B
Tetrachloroethene	0.28 J
Trichloroethene	0.42 J
SVOCs	(µg/L)
Diethyl phthalate	0.92 J
Appendix II Inorganics	(µg/L)
Arsenic	8.3
Barium	35
Chromium	3.5
Cobalt	0.52
Copper	0.93 J
Lead	0.09 J
Nickel	2.8
Selenium	0.85
Zinc	8.3 J

SLMW-12AR-6-11	
VOCs	(µg/L)
Chloroform	1.3
Tetrachloroethene	0.33 J
Other Analyses	(µg/L)
Sulfide	13,000
NO3 as N	110 J
Appendix II Inorganics	(µg/L)
Arsenic	0.61 J
Barium	32
Beryllium	0.11 J
Chromium	0.92 J
Cobalt	0.68
Copper	0.52 J
Lead	0.54
Nickel	1.4
Thallium	0.22
Vanadium	1.5 J
Zinc	5.9 J

SW-2-6-11	
VOCs	(µg/L)
1,1-Dichloroethane	1.3
1,4-Dichlorobenzene	0.31 J
Benzene	0.39 J
cis-1,2-Dichlorethene	0.69 J
Dichlorodifluoromethane	0.73 J
Methylene Chloride	3.1 J B
Trichloroethene	0.37 J
Vinyl Chloride	0.45 J
Other Anayses	(µg/L)
NO3 as N	390
Appendix II Inorganics	(µg/L)
Arsenic	2.4
Barium	22
Beryllium	0.077 J
Chromium	2
Cobalt	0.26
Copper	2.9
Lead	3.3
Nickel	1
Selenium	1.3
Vanadium	4.1 J
Zinc	20



MONITORING WELL

SURFACE-WATER SAMPLE

Building

NOTE: Only detected analytes shown.
Well labels show total well depth below ground surface in parenthesis.
NA - Not Available
U - Target analytes were not detected above the reporting limits
J - Analyte was present but concentration is an estimated value.
B - Observed in Method Blank
Bold - Concentrations exceed NC 2L standards.
*IMAC - Interim maximum allowable concentration
**PRG based on carcinogenic factor.

1 inch = 833 feet

0 412.5 825 1,650'

N

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
SAVANNAH, GEORGIA

LONGSTREET RD LANDFILL, FORT BRAGG, NC

GROUNDWATER
ANALYTICAL RESULTS

DATE: OCT 2011 | FIGURE 5

TABLES

Table 1. Methane Monitoring Results
Longstreet Landfill, Ft. Bragg, NC

Well ID	Date Sampled	Time Sampled	% Methane by Volume	% Oxygen	% CO2
Gas-MW-1	26- June -2011	13:35	47.8%	0.2%	38.8%
Gas-MW-2	26- June -2011	13:30	0.3%	13.3%	6.1%
Gas-MW-3	26- June -2011	13:25	0.0%	15.5%	3.9%
Gas-MW-4	26- June -2011	13:12	3.6%	0.3%	19.5%
Gas-MW-5	26- June -2011	13:19	0.0 %	11.4%	6.9%
Gas-MW-6	26- June -2011	14:25	0.0 %	16.7%	3.2%
Gas-MW-7	26- June -2011	14:29	0.0%	20.2%	0.0%
Gas-MW-8	26- June -2011	14:06	28.4%	0.3%	28.9%
Gas-MW-9	26- June -2011	14:10	0.0%	2.8%	11.4%
Gas-MW-10**	N/A	N/A	N/A	N/A	N/A
Gas-MW-11	26-June-2011	12:51	0.2%	13.8%	3.8%
Gas-MW-12	26- June -2011	12:57	14.9%	0.4%	26.7%
Gas-MW-13	26- June -2011	13:01	0.0%	9.6%	10%
Gas-MW-14	26- June -2011	13:51	19.3%	3.8%	20.8%
Gas-MW-15	26- June -2011	13:44	25.4%	0.7%	25.2%
Washrack Bldg.	26-June-2011	12:43	0.0%	19.8%	0.0%
Bldg O-9389	26-June-2011	12:38	0.0%	19.2%	0.0 %
Bldg O-9388	26-June-2011	12:35	0.0%	19.6%	0.0 %
Former Scalehouse	26-June-2011	13:39	0.0%	19.8%	0.0 %

Note:
TOC – Top of casing, btoc – Below top of casing, NA – Not Available
bgs – Below ground surface, amsl – Above mean sea level
Δ --- Selected Well for Long Term Monitoring
TOC elevation is based on vertical datum NGVD29 (source: USGS RFI, Aug. 1999)
**MW10 Abandoned

Table 2. Groundwater Elevation Data
Longstreet Landfill, Ft. Bragg, NC

Well ID	TOC Elev. (ft. amsl)	Water Level (ft. btoc) 11/07	Water Elev. (ft. amsl) 11/07	Water Level (ft. btoc) 11/08	Water Elev. (ft. amsl) 11/08	Water Level (ft. btoc) 06/09	Water Elev. (ft. amsl) 06/09	Water Level (ft. btoc) 11/09	Water Elev. (ft. amsl) 11/09	Water Level (ft. btoc) 06/10	Water Elev. (ft. amsl) 06/10	Water Level (ft. btoc) 11/10	Water Level (ft. amsl) 11/10	Water Level (ft. btoc) 6/11	Water Level (ft. amsl) 6/11
SLMW-6	293.55	28.61	264.94	26.27	267.28	26.11	267.44	28.22	265.33	25.08	268.47	28.02	265.53	30.31	263.24
SLMW-7	290.5	22.45	268.05	20.76	269.74	20.59	269.91	22.19	268.31	20.43	270.07	22.14	268.36	21.86	268.64
SLMW-8	290.34	24.39	265.95	22.91	267.43	23.03	267.31	24.21	266.13	22.91	267.43	24.31	266.03	24.00	266.34
SLMW-9	289.54	39.29	250.25	38.31	251.23	37.3	252.24	38.72	250.82	36.66	252.88	38.34	251.2	40.20	249.34
SLMW-10	305.99	20.55	285.44	19.42	286.57	19.59	286.4	20.39	285.6	19.7	286.29	20.59	285.4	20.57	285.42
SLMW-11	357.8	77.48	280.32	78.96	278.84	77.62	280.18	79.2	278.6	74.31	283.49	76.42	281.38	81.12	276.68
SLMW-12AR	243.36	53.39	286.63	8.45	234.91	9.03	234.33	9.53	233.83	8.75	234.61	9.44	233.92	8.65	23.71
SLMW-12BR	243.42	9.45	233.91	9.23	234.19	8.09	235.33	9.2	234.22	8.79	234.63	9.19	234.23	9.25	234.17
SLMW-13	340.02	9.44	224.98	53.14	286.88	51.9	288.12	53.29	286.73	50.58	289.44	53.05	286.97	55.07	284.95

Note:
TOC – Top of casing
bgs – Below ground surface,
Δ --- Selected Well for Long Term Monitoring
TOC elevation is based on vertical datum NGVD29 (source: USGS RFI, Aug. 1999)
btoc – below top of casing
amsl – above mean sea level

Table 3. Field Parameter Measurements
Longstreet Landfill, Fort Bragg, NC

Well ID	Sample Identification	pH	Specific Conductivity (µs/cm)	Temperature (°C)	Turbidity (N.T.U.)	Dissolved Oxygen (mg/L)	ORP
SLMW-6	GW-SLMW-6-6-11	4.32	0.018	21.2	0.91	81.3	246.3
SLMW-7	GW-SLMW-7-6-11	5.75	0.289	25.70	1.99	11.0	-16.0
SLMW-8	GW-SLMW-8-6-11	6.07	0.968	30.24	10.0	2.6	-148.0
SLMW-9	GW-SLMW-9-6-11	6.47	0.510	21.68	5.25	2.8	-150.9
SLMW-10	GW-SLMW-10-6-11	6.51	0.762	18.15	1.76	1.8	-85.7
SLMW-11R	GW-SLMW-11-6-11	5.03	0.020	26.40	8.84	30.5	165.8
SLMW-12AR	GW-SLMW-12AR-6-11	4.42	0.039	21.83	69.3	16.4	225.8
SLMW-12BR	GW-SLMW-12BR-6-11	4.44	0.073	22.06	9.0	29.5	227.2
SLMW-13	GW-SLMW-13-6-11	4.61	0.015	28.48	6.48	102.7	230.9
SW-1	SW-1-6-11	6.64	0.12	21-79	--	45.7	72.3
SW-2	SW-2-6-11	6.41	0.139	23.13	--	75.5	-1.6

Note:

N.T.U. --- Nephelometric Turbidity Unit

ORP --- Oxidation Reduction Potential

Table 4. Summary of GroundWater Detections Longstreet Landfill, Fort Bragg, NC

COMPOUNDS (µg/L)	Groundwater NC 2L Standard (ug/l)	EPA Drinking water MCL (ug/l)	SLMW-6 04/05	SLMW-6 10/05	SLMW-6 4/06	SLMW-6 11/06	SLMW-6 05/07	SLMW-6 11/07	SLMW-6 11/08	SLMW-6 06/09	SLMW-6 11/09	SLMW-6 06/10	SLMW-6 11/10	SLMW-6 6/11	SLMW-7 04/05	SLMW-7 10/05	SLMW-7 4/06	SLMW-7 11/06	SLMW-7 05/07	SLMW-7 11/07	SLMW-7 11/08	SLMW-7 06/09	SLMW-7 11/09	SLMW-7 06/10	SLMW-7 11/10	SLMW-7 6/11	SLMW-8 04/05	SLMW-8 10/05	SLMW-8 4/06	SLMW-8 11/06	GW-SLMW-8 06/07	GW-SLMW-8 11/07	GW-SLMW-8 11/08	SLMW-8 06/09	SLMW-8 11/09	SLMW-8 06/10	SLMW-8 11/10	SLMW-8 6/11	SLMW-9 10/05	SLMW-9 4/06	SLMW-9 11/06	GW-SLMW-9 06/07	GW-SLMW-9 11/07	GW-SLMW-9 11/08	SLMW-9 06/09	SLMW-9 11/09	SLMW-9 7/10	SLMW-9 11/10	SLMW-9 6/11	SLMW-10 04/05	SLM-DUP1 04/05	SLMW-10 10/05	SLMW-10 4/06	SLMW-10 Dup 4/06	SLMW-10 11/06	SLMW-10 05/07	SLMW-10 Dup 05/07
VOCs (EPA 8260B)																																																									
1,1,2,2-tetrachloroethane	0.17	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,1-dichloroethane	700	810*	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	1.91 J	3.43	2.11	2.86	<2	4.11	3.08	5.2	NS	2.5	2.4	3.1	2.04	1.38J	1.39J	<2	3.170	3.11	7.6	4.8	4.6	3.8	1.5	1.25 J	1.41 J	1.6J	1.91J	1.85J	1.12J	<2	<2
1,2,3-trichloropropane	0.005	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2,4-trimethylbenzene	350	15 *	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2-dibromo-3-chloropropane	0.025	0.2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2-dibromoethane	0.0004	0.05	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2-dichlorobenzene	NA	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2-dichloroethane	0.38	5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2	<2	<2	<2	0.24 J	**0.44 J**	<2	<2	<2	<2	<2	<2	<2	**0.58J**	**0.61J**	<2	<2	<2
1,2-dichloropropane	0.56	5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2	<2	<2	.23J	<2	<2	0.33 J	0.37 J	0.25 J	<2	**2.12**	**2.28**	**3.32**	**3.97**	**3.72**	**2.93**	<2	<2
1,4-dichlorobenzene	75	75	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.28J	0.36J	0.43J	<2	0.28 J	0.31	0.62 J	NS	<2	0.76 J	0.52 J	0.54J	0.43J	0.4J	<2	.660J	<2	<2	<2	0.97 J	<2	0.31 J	2.75	2.63	3.99	5.6	4.7	3.9	4.1	3.4
1,4-dioxane	NA	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
2-butanone	NA	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
4-isopropyltoluene	NA	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
acetone	700	NA	NA	2.2	<2	<2	<2	<2	<2	7.6 J	<2	<2	<2	<2	NA	6.97	<2	1.34J	<2	<2	24	52	6 J	<2	8.6 J	6.4 J	NA	1.27J	<2	<2	<2	<2	9.72	9.8 J	NS	5.3 J	<2	16 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NA	NA	<2	<2	<2	<2	<2	<2
acrolein	NA	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
benzene	1	5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.51J	0.68J	0.36J	**1.2**	0.50 J	1.01 J	0.73 J	<2	0.72 J	0.60 J	**1**	**3.22**	**4.99**	**2.54**	**4.03**	**3.2**	**4.5**	**2.72**	**3.6**	NS	**2.1**	**2.9**	**3.5**	**1.09J**	0.71J	0.8J	**2.2**	**1.54 J**	**1.35 J**	**1.9**	**1.4**	**1.8**	**1.2**	0.76 J	**1.8 J**	**1.72 J**	**1.32J**	**1.31J**	**1.24J**	0.96J	<2	<2
carbon disulfide	700	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	1.24J	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.54J	<2	<2
chlorobenzene	50	100	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.29 J	<2	<2	0.59 J	0.36 J	0.78 J	1.78 J	2.75	1.69J	3.46	2.2	3.36	2.18	4.8	NS	1.9	4.4	3.9	0.34J	0.25J	0.28J	1.1	.740 J	0.65 J	0.81 J	0.8 J	1.4	1	0.43 J	0.33 J	0.35 J	0.43J	0.59J	0.50J	0.4J	<2	<2
chloroethane	2800	4.6*	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	2.74	1.47J	2.27	0.72J	<2	0.98 J	1.23 J	<2	<2	<2	<2	1.7	0.76 J	0.96J	0.30J	0.38J	<2	<2	1.10 J	9.1	NS	<2	1.9	<2	<2	<2	0.22J	<2	.530 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
chloroform	70	80	0.24 J	<2	<2	<2	<2	0.27 J	0.21 J	0.31 J	<2	0.44 J	0.51 J	0.28 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
chloromethane (methyl chloride)	2.6	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	2.13	<2	<2	<2	<2	NS	<2	<2	3.5 J B	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
cis-1,2-dichloroethene	70	70	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.21 J	<2	<2	<2	<2	0.24 J	<2	<2	<2	<2	<2	<2	55.9	**105**	42.5	42.4	25	60.9	35	39	NS	43	58	**83**	1.26J	0.88J	0.71J	3.0	1.570 J	1.79 J	2.3	<2	2.3	1.8	1.2	9.33	10	13.4	15.8	15.5	8.96	9.1	8.9
dibromochloromethane	0.41	80	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
dichlorodifluoromethane	1400	390*	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.48 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.61J	0.58J	<2	<2	<2	1.9	NS	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	2.96	3.5	2.13	1.5J	1.18J	0.62J	<2	<2
diisopropyl ether	70	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.43 J	<2	<2	NS	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.54 J	0.56 J	1.04J	1.15J	1.22J	0.88J	<2	<2
isopropylbenzene	70	660*	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
m&p xylene	530#	10000#	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
methylene chloride (dichloromethane)	4.6	5	<2	<2	<2	<2	<2	0.21 J	<2	<2	<2	<2	<2	3.1 J B	<2	<2	<2	<2	<2	0.26	<2	<2	<2	<2	<2	3.1 J B	<2	<2	<2	0.75J	<2	0.43 J	<2	<2	NS	<2	<2	<2	<2	<2	<2	<2	.200 J	<2	<2	<2	<2	<2	3.2 J B	<2	<2	<2	<2	<2	<2	<2	<2
MTBE	200	13*	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.54J	<2	0.21J	<2	0.39 J	<2	<2	NS	<2	<2	<2	0.39J	0.22J	<2	<2	<2	0.29 J	<2	<2	<2	<2	<2	0.2 J	0.2 J	0.37J	0.44J	0.42J	0.28J	<2	<2
naphthalene	21	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
o-xylene	530#	10000#	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.24 J	0.71J	0.41J	0.46J	<2	0.27 J	0.29	<2	NS	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
sec-butylbenzene	70	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<2	<2	<2	<2	<2	.230 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.28J	0.22J	0.21J	<2	<2
tetrachloroethene	0.7	5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**5.34**	**2.18**	**2.4**	**2.69**	<2	0.54 J	0.65	**0.80 J**	NS	0.24 J	<2	<2	0.32J	0.29J	0.21J	<2	.280 J	0.41 J	0.39 J	0.58 J	0.68 J	0.53 J	0.28 J	**0.75 J**	0.45 J	**0.71J**	**0.96J**	**0.74J**	0.55J	<2	<2
toluene	1000	1000	<2	<2	0.43J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.26J	0.39J	0.51J	<2	0.27 J	0.29 J	<2	<2	<2	<2	<2	0.22 J	0.55J	0.58J	0.49J	1.2 J	0.85 J	1.34	1	NS	0.39 J	0.44 J	0.71 J	<2	0.46J	<2	<2	.200 J	0.33 J	0.35 J	<2	<2	<2	<2	<2	<2	<2	0.35J	0.55J	<2	<2	<2
trans-1,2-dichloroethene	70	100	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.28 J	0.52J	0.28J	3.65	<2	0.55 J	0.25	<2	NS	0.24 J	0.23 J	0.35 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.24 J	0.23 J	0.24J	0.29J	0.30J	0.59J	<2	<2
trichloroethene	2.8	5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	2.29	**6.66**	2.22	**3.54**	1.6	**4.18**	1.3	1.3	NS	0.87 J	1.9	2.6	<2	0.45J	0.43J	0.6 J	.740 J	0.6 J	0.67 J	0.73 J	0.68 J	0.71 J	0.42 J	0.88 J	1.01 J	1.15J	1.27J	1.29J	0.89J	<2	<2
trichlorofluoromethane	2100	1300*	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	10.1	<2	NS	<2	<2	<2	0.53J	<2	<2	<2	<2	<2	<2	<2	0.31 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
vinyl chloride	0.015	2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**0.52 J**	**0.36J**	**0.64J**	**0.35J**	<2	<2	**0.58 J**	<2	<2	<2	0.29 J	**0.58 J**	**59**	**54.2**	**24.6**	**36.6**	**19**	**33.2**	**10.1**	**12**	NS	**10**	**10**	**17**	**1.45J**	**0.69J**	**0.73J**	<2	**1.71 J**	**1.41 J**	**2**	**1.2**	**2.1**	**1.9**	<2	**1.91 J**	**3.58**	**2.48**	**2.8**	**2.62**	**1.7**	<2	<2
SVOCs (EPA 8270C)																																																									
1,4-dichlorobenzene (para)	1.4	75	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NS	NS	NS	<10	<10	<10	<10	<10	<10	0.54 J	<10	<10	<10	<10	<10	1.31 J	1.57 J	1.75J	2.79J	2.62J	**2.7J**	**1.94 J**	**1.75 J**
4-methylphenol (p-cresol)	3.5	180*	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	1.87 J	<10	**14.6**	<10	**13.5**	<10	38.3	**12**	<10	**26**	<10	<10	**7.44 J**	<10	<10	<10	<10	<10	<10	<10	NS	NS	NS	<10	<10	<10	<10	<10	<10	<10	2.1 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
benzoic acid	NA	NA	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	8.4 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NS	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
benzyl alcohol	NA	NA	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NS	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
diethylphthalate	5000	29000*	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	1.06J	<10	<10	<10	<10	<10	<10	NS	NS	NS	<10	<10	<10	<10	2.55 J	1.44 J	<10	0.95 J	<10	<10	0.92 J	0.92 J	<10	<10	<10	<10	<10	<10	<10	<10
di-n-butylphthalate	700	3600*	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NS	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10	3 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
bis(2-Ethylhexyl)phthalate	2.5	6	<10	<10	3.62	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NS	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	5.02	<10	<10	<10	<10
phenol	300	NA	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	2.89 J	<10	4.42 J	1.7J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NS	NS	NS	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**<10**	<10	<10	<10	<10
Pesticides (EPA 8081)																																																									
delta-BHC	NA	NA	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	0.043	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	NS	NS	NS	<.0505	<.0505	<.0505	<.0505	<.0505	015 PJ	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505
alpha-BHC	NA	NA	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	NS	NS	NS	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505
beta-BHC	NA	NA	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	NS	NS	NS	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	0.065	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505
gamma-BHC	0.2	0.2	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	.0207J	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	NS	NS	NS	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505
alpha-Chlordane*	0.1	2	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	NS	NS	NS	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	**0.1**	<.0505	<.0505
gamma-Chlordane*	0.1	2	<.0505	<.0505	<.0505	0.0202	0.0202	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	NS	NS	NS	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	**0.11J**	<.0505	<.0505
Aldrin	NA	NA	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	NS	NS	NS	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505
Dieldrin	0.0022	NA	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	NS	NS	NS	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505
Endosulfan I	NA	NA	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<.0505	<.0505	<.0505	<.0505	<.0505	<0.025	<0.025	<0.025	<0.025	0.0143	<.0505	<0.025	<.0505	<0.025	<.0505	<.0505	<.0505	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS	NS	NS	<.0505	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<.0505	<.0505	<.0505	<.0505	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Heptachlor	0.0078	0.4	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	NS	NS	NS	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	**0.06J**	<.0505	<.0505
PCBs (EPA 8082)																																																									
No Detections																																																									
Organophosphorus Pesticides (EPA 8141A)																																																									
No Detections																																																									
Appendix II Inorganics (EPA 6010B/6020A)																																																									
Antimony	NA	6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2.0	<1	<1	<1	<1	<1	<1	0.516 J	<1	<1	<1	<1	<2.0	<1	<1	<1	<1	<1	<1	<1	<1	NS	<1	<1	<2.0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2.0	<1	<1	<1	<1	<1	<1	<1	<1
Arsenic	10	10	<2	<2	<2	<2	<2	<2	5.75	<2	<2	<2	<2	<1.0	5.76	8.44	9.41	4.84	9.45	12.3	5.37	5.2	<2	6.7	7.7	4	5.17	6.67	4.63	3.32	5.92	5.85	1.05 J	3.6	NS	1.7	5.1	0.60 J	6.28	**11**	**11.4**	**10.8**	8.98	**13.8**	8.6	8.7	10	9.1	8.3	1.13 J	1.17 J	<2	1.31J	1.31J	1.88J	3.62	3.75
Barium	2000	2000	5.7 J	5.5	<2	6.07	7.22	6.22	8	7	6.9	7.9	9.8	9.2	46.8	47.5	50	37.7	63.2	8.3	59.6	47	<2	45	34	64	95.7	65.2	70	85.5	76.3	100	64.2	55	NS	67	70	51	39	40	49.3	70.4	46.8	49	46	41	45	41	35	77.9	79.2	76.8	<2	110	123	139	129
Beryllium	NA	4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<0.20	<4	<4	<4	<4	<4	<4	44	<4	<4	<4	<4	<0.20	<4	<4	<4	<4	<4	<4	46.2	<4	NS	<4	<4	<0.20	<4	<4	<4	<4	<4	41	<4	<4	<4	<4	<0.20	<4	<4	<4	<4	<4	<4	<4	<4
Cadmium	5	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.50	5.8 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.50	<1	<1	<1	<1	<1	<1	<1	<1	NS	<1	<1	<0.50	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.50	<1	<1	<1	<1	0.50J	<1	0.532	0.518
Chromium	50	100	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<1.0	<5	<5	<5	<5	<5	<5	<5	< 50	<5	0.32 J	0.51 J	1.6	<5	<5	<5	<5	<5	<5	<5	< 5	NS	0.24 J	0.24 J	0.20 J	<5	<5	<5	<5	<5	<5	0.62 J	<5	0.23 J	<5	3.5	<5	<5	<5	<5	<5	<5	<5	<5
Cobalt	NA	NA	<1	<1	<1	<1	<1	<1	<1	0.13 J	0.13 J	0.13 J	0.21	0.19 J	<1	<1	<1	0.586J	<1	<1	<1	0.48	<1	0.37	0.34	0.62	<1	<1	<1	1	<1	<1	<1	0.4	NS	0.51	2.4	0.53	<1	0.01J	1.25	<1	<1	3.11 J	1	0.93	0.73	0.52	0.52	<1	<1	<1	<1	<1	1.45	<1	1.29 J
Copper	1000	1000	<1	<1	<1	<1	<1	5.16J	<1	1.2	1.3	1.6	0.35 J	1.6	<1	<1	<1	3.41J	10.8	7.06	6 J	2.3 J	<1	2.1	1.8	1.1	<1	<1	<1	<1	<1	<1	<1	< 1	NS	0.62 J	1.1	0.45 J	<1	0.01J	13.8	5.59 J	<5	<1	0.76 J	0.33 J	1	0.65 J	0.93 J	<1	<1	<1	<1	<1	<1	6.64 J	5.65 J
Iron	300	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1.0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1.0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1.0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1.0	<1	<1	<1	<1	<1	<1	<1	<1
Lead	15	15	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.11 J	0.15 J	<1	<1	<1	<1	<1	<1	0.734 J	0.17 J	0.16 J	0.16 J	0.18 J	0.15 J	<1	<1	<1	<1	<1	<1	0.658 J	<1	NS	<1	<1	<0.30	<1	0.66J	<1	<1	<1	<1	<1	<1	<1	<1	0.09 J	<1	<1	<1	<1	<1	<1	<1	<1
Manganese	50	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1.0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1.0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1.0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1.0	<1	<1	<1	<1	<1	<1	<1	<1
Nickel	100	730*	<50	<50	<50	4.96	<50	<50	<50	0.35 J	0.32 J	<50	<50	0.73 J	<50	<50	<50	1.74J	<50	<50	16.4	<50	<50	0.50 J	1.7	2.3	<50	<50	<50	<50	<50	<50	<50	< 50	NS	0.68 J	1.9	1.2	<50	<50	<50	<50	<50	<50	0.87	0.69 J	0.53 J	<50	2.8	<50	<50	<50	<50	<50	<50	<50	<50
Selenium	50	50	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.50	1.34 J	<2	1.34J	<2	<2	<2	<2	0.27 J	<2	<2	<2	2.5	1.63 J	1.52J	1.04J	<2	<2	<2	<2	<2	NS	<2	0.22 J	1	1.83J	1.32J	<2	<2	<2	<2	<2	<2	<2	<2	0.85	<2	<2	<2	<2	<2	1.04J	<2	<2
Silver	18	100*	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<0.20	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<0.20	<30	<30	<30	<30	<30	<30	<30	<30	NS	<30	<30	<0.20	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<.20	<30	<30	<30	<30	<30	<30	<30	<30
Thallium	NA	2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.15 J	<0.20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.20	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2	<0.20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.20	<2	<2	<2	<2	<2	<2	<2	<2
Tin	NA	NA	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<1.0	<5	<5	<5	<5	<5	<5	0.035	<5	<5	<5	<5	<1.0	<5	<5	<5	<5	<5	<5	0.317	<5	NS	<5	<5	<1.0	<5	<5	<5	<5	<5	0.0139	0.45 J	<5	0.57 J	<5	<1.0	<5	<5	<5	<5	<5	<5	<5	<5
Vanadium	NA	260*	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<5.0	<30	<30	<30	<30	8.33	<30	16.2	4.3 J	<30	4.7 J	1.9 J	2.1 J	<30	<30	<30	4.47J	12.0	21	9.1	1.4 J	NS	<30	1.9 J	<5.0	<30	<30	<30	3.07 J	7.1	25	<30	<30	<30	<30	<5.0	<30	<30	<30	<30	<30	<30	3.77 J	4.23
Zinc	2100	5000	<60	<60	<60	<60	<60	<60	<60	18	7.6 J	2.7 J	6.4 J	22 J	<60	<60	<60	5J	73.8	<60	76.5	3.9 J	<60	3.7 J	5.0 J	8.8 J	<60	<60	<60	6.59J	51.6	27J	27.7 J	<60	NS	6.1 J	3.2 J	15	<60	<60	5.56J	56.6	25.6	<60	22	70	3.6 J	2.8 J	8.3 J	<60	<60	<60	<60	<60	<60	62.4	62.8
Other Analyses																																																									
Sulfide (EPA 376.1)	250.000	250.000	NA	<200	<200	<200	<200	<200	<200	<200	<200	<200	43.000	<200	NA	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	NA	<200	<200	<200	<200	<200	<200	<200	NS	<200	18,000	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	NA	NA	<200	<200	<200	<200	<200	<200
Cyanide (EPA 335.2)	154	200	NA	<20	<20	<20	14 J	<20	<20	<20	<20	<20	<20	<20	NA	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	8.8 J	NA	<20	<20	<20	<20	<20	<20	<20	NS	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	NA	NA	<20	<20	<20	<20	<20	<20
Mercury	1.05	2	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.37	0.31	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NS	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NS	<0.20	<0.20	NS	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NS	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Nitrate/Nitrite (SM 4500 - NO3-E)	10,000	10,000	NA	60	0.055	0.021J	36 J	43	58	200	<40	<40	<40	<40	NA	91	0.022J	0.06	74	30	<40	180 J	<40	<40	460 J	<40	NA	332	<40	0.017J	35 J	<40	35 J	NA	NS	600 J	<40	840	<40	0.01J	0.015J	29 J	32	<40	<40	<40	<40	<40	<40	NA	NA	19	0.038J	0.038J	<40	38 J	49

Note: NA -- Not Available; NS -- Not Sampled; U -- Target analytes were not detected above the reporting limits; J -- Analyte was present but concentration is an estimated value.

Bold--Concentration exceeds NC 2L Std. * No MCL, used PRG. #Used total values. **Used values for Chlordane.

Longstreet

COMPOUNDS (µg/L)	Groundwater NC 2L Standard (ug/l)	EPA Drinking water MCL (ug/l)	SLMW-10 11/07	SLMW-10 11/08	SLMW-10 DUP 11/08	SLMW-10 06/09	SLMW-10 11/09	SLMW-10 7-10	SLMW-10 11/10	SLMW-10 6/11	SLMW-11 04/05	SLMW-11 10/05	SLMW-11 4/06	SLMW-11 11/06	GW-SLMW-11 06/07	GW-SLMW-11 11/07	GW-SLMW-11R 11/08	SLMW-11R 06-09	SLMW-11R 11-09	SLMW-11R 06/10	SLMW-11R 11/10	SLMW-11R 6/11	SLMW-12A 04/05	SLMW-12B04/05
VOCs (EPA 8260B)																								
1,1,2,2-tetrachloroethane	0.17	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,1-dichloroethane	700	810*	1.35 J	0.92 J	0.9 J	0.97 J	1.1	0.49 J	0.71 J	1.3	3.86	2.18	1.68J	2.07	<2	4.05	0.56 J	2.9	0.42 J	2.9	<2	0.41 J	<2	4.25
1,2,3-trichloropropane	0.005	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2,4-trimethylbenzene	350	15 *	<2	<2	0.43 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2-dibromo-3-chloropropane	0.025	0.2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2-dibromoethane	0.0004	0.05	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2-dichlorobenzene	NA	NA	<2	<2	<2	<2	0.51 J	<2	0.24 J	0.35 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2-dichloroethane	0.38	5	0.42 J	0.48 J	<2	<2	0.45 J	0.20 J	0.35 J	0.53 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2-dichloropropane	0.56	5	3.78	3.27	3.09	2.2	2.8	1.7	3	3.7	1.3 J	<2	0.5J	0.6J	<2	.950 J	<2	<2	<2	<2	<2	<2	<2	<2
1,4-dichlorobenzene	75	75	5.99	<2	<2	3.4	6.9 J	5.2	8.6	10	<2	<2	<2	<2	<2	0.300 J	<2	0.48 J	<2	0.37 J	<2	<2	<2	1.11 J
1,4-dioxane	NA	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
2-butanone	NA	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	2.29J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
4-isopropyltoluene	NA	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
acetone	700	NA	<2	<2	<2	<2	26	<2	<2	<2	NA	<2	<2	13.9	100	100	<2	<2	<2	<2	<2	<2	NA	NA
acrolein	NA	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
benzene	1	5	1.38 J	1.0 J	1.0 J	1	1.3	0.94 J	1.3	1.5	4.58	1.54J	0.83J	0.93J	2.1	1.30 J	<2	0.59 J	<2	0.81 J	<2	<2	<2	<2
carbon disulfide	700	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
chlorobenzene	50	100	0.59 J	0.62 J	0.61 J	0.45 J	0.63 J	<2	0.69 J	0.83 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	1.01 J
chloroethane	2800	4.6*	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.42J	0.56J	0.82J	<2	.200 J	<2	<2	<2	<2	<2	<2	<2	0.4 J
chloroform	70	80	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.22 J	<2	0.23 J	<2	0.18 J	0.22 J	<2	<2
chloromethane (methyl chloride)	2.6	NA	<2	<2	<2	0.45 J	<2	<2	<2	<2	<2	<2	<2	2.44	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
cis-1,2-dichloroethene	70	70	13.6	11.8	11.6	9	<2	5.8	8.6	12	9.47	4.56	2.88	1.71J	5.7	3.24	<2	1.3	<2	1.6	<2	<2	<2	10.7
dibromochloromethane	0.41	80	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
dichlorodifluoromethane	1400	390*	<2	<2	<2	<2	<2	<2	<2	<2	4.85	0.8J	<2	0.68J	<2	0.410 J	1.64 J	1.3	1.1	<2	<2	1.7	<2	3.73
diisopropyl ether	70	NA	1.13 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.0280 J	<2	<2	<2	<2	<2	<2	<2	<2
isopropylbenzene	70	660*	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.5 J
m&p xylene	530#	10000#	<2	<2	0.64 J	<2	<2	<2	<2	<2	<2	0.23J	<2	<2	<2	0.510 J	<2	<2	<2	<2	<2	<2	<2	<2
methylene chloride (dichloromethane)	4.6	5	0.28 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.230 J	<2	<2	<2	<2	<2	<2	<2	<2
MTBE	200	13*	0.39 J	0.57 J	0.54 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
naphthalene	21	NA	<2	<2	0.95 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
o-xylene	530#	10000#	<2	<2	0.33 J	<2	<2	<2	<2	<2	0.34 J	0.26J	<2	<2	<2	0.470 J	<2	<2	<2	<2	<2	<2	<2	<2
sec-butylbenzene	70	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
tetrachloroethene	0.7	5	0.31 J	0.25 J	0.26 J	<2	0.29 J	<2	<2	<2	2.64	0.46J	<2	0.49J	<2	0.380J	0.4 J	2.3	0.3 J	1.2	<2	<2	<2	0.42 J
toluene	1000	1000	<2	<2	0.24 J	<2	<2	<2	<2	<2	<2	<2	3.16	<2	<2	0.550 J	<2	<2	<2	<2	<2	0.57 J	<2	<2
trans-1,2-dichloroethene	70	100	0.28 J	0.21 J	0.22 J	<2	0.27 J	<2	<2	0.27 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.22 J
trichloroethene	2.8	5	1.00 J	0.91 J	0.89 J	0.59 J	0.94 J	0.52 J	0.86 J	1.4	3.01	1.28J	0.59J	0.96J	2.0	1.01 J	0.29 J	1.5	0.22 J	1.4	<2	0.20 J	<2	2.14
trichlorofluoromethane	2100	1300*	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.28J	<2	<2	<2	<2	0.2 J	<2	<2	0.54 J	<2	<2	<2	<2
vinyl chloride	0.015	2	2.59 J	1.58 J	1.72 J	1.3	1.5	<2	1.6	2.4	3.57	0.9J	0.78J	0.8J	<2	0.48 J	<2	<2	<2	<2	<2	<2	<2	5.41
SVOCs (EPA 8270C)																								
1,4-dichlorobenzene (para)	1.4	75	<10	3.37 J	4.25 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-methylphenol (p-cresol)	3.5	180*	<10	<10	1.95 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
benzoic acid	NA	NA	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
benzyl alcohol	NA	NA	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
diethylphthalate	5000	29000*	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	3.49 J
di-n-butylphthalate	700	3600*	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
bis(2-Ethylhexyl)phthalate	2.5	6	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	4.41	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
phenol	300	NA	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Pesticides (EPA 8081)																								
delta-BHC	NA	NA	<.0505	0.124	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505
alpha-BHC	NA	NA	<.0505	0.05	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505
beta-BHC	NA	NA	<.0505	0.123	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505
gamma-BHC	0.2	0.2	<.0505	0.05	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505
alpha-Chlordane*	0.1	2	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505
gamma-Chlordane*	0.1	2	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505
Aldrin	NA	NA	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505
Dieldrin	0.0022	NA	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505
Endosulfan I	NA	NA	<0.025	<0.025	<0.025	<0.025	<.0505	<.0505	<.0505	<.0505	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<.0505	<.0505	<.0505	<.0505	<0.025	<0.025
Heptachlor	0.0078	0.4	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505
PCBs (EPA 8082)																								
No Detections																								
Organophosphorus Pesticides (EPA 8141A)																								
No Detections																								
Appendix II Inorganics (EPA 6010B/6020A)																								
Antimony	NA	6	<1	<1	<1	<1	<1	<1	<1	<2.0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2.0	<1	<1
Arsenic	10	10	4.82	2.11	2.34	3.1	3.6	4.2	4.3	2.7 J	10.4	7.5	7.92	2.65	25.5	4.87	<2	<2	<2	1.7	<2	<1.0	<2	1.95 J
Barium	2000	2000	118	0.15	0.151	170	130	160	150	130 J	28.8	19.1	30	116	50.0	33.7	10.5	11 J	7.2	18	8.7	8	36	40.1
Beryllium	NA	4	<4	56.3	56.8	<4	<4	<4	<4	<0.20	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	0.074 J	<4	<4
Cadmium	5	5	<1	<1	<1	<1	<1	<1	<1	0.27 J H	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.50	<1	<1
Chromium	50	100	<5	<5	<5	0.22 J	0.27 J	0.16 J	0.20 J	<1.0	<5	<5	<5	<5	4.61 J	<5	<5	< 5	0.22 J	0.18 J	<5	0.36 J	<5	<5
Cobalt	NA	NA	3 J	5.7	6.1	2	2.8	2.7	3.3	3.3 J	<1	<1	0.01J	2.13	1.02 J	<1	<1	0.25	0.15 J	0.58	0.18 J	0.19 J	<1	<1
Copper	1000	1000	<1	<1	<1	0.39 J	0.37 J	0.93 J	<1	<1	<1	<1	0.01J	<1	9.94 J	8.4	<1	< 1	0.73 J	0.6 J	0.60 J	0.64 J	<1	<1
Iron	300	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Lead	15	15	<1	<1	<1	0.14 J	<1	<1	<1	3.3 H	<1	<1	1.22	<1	<1	<1	0.636 J	<1	<1	<1	<1	<1	<1	<1
Manganese	50	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Nickel	100	730*	<50	<50	<50	0.59 J	<50	<50	0.46 J	<1	<50	<50	<50	1.41J	<50	<50	<50	< 50	0.58	0.62 J	0.44 J	0.84 J	<50	<50
Selenium	50	50	<2	<2	<2	0.25 J	0.25 J	0.28 J	0.38 J	4.0 J	<2	<2	1.39J	1.12J	<2	<2	<2	<2	<2	<2	<2	0.26 J	<2	1.89 J
Silver	18	100*	<30	<30	<30	<30	<30	<30	<30	<0.20	<30	<30	<30	<30	<30	<30	5.7 J	<30	<30	<30	<30	<0.20	<30	<30
Thallium	NA	2	<2	<2	<2	<2	<2	<2	<2	<0.20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.20	<2	<2
Tin	NA	NA	<5	<5	0.0116 J	<5	<5	<5	0.73 J	3	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.60 J	<5	<5
Vanadium	NA	260*	9	39.4	39	1.9 J	1.5 J	<30	1.6 J	<5	<30	<30	<30	<30	5.32	<30	<30	<30	<30	<30	<30	<5.0	<30	<30
Zinc	2100	5000	41 J	<60	<60	28	3.1 J	<60	7.2 J	3.0 J	<60	<60	0.02J	<60	39.7	<60	<60	46	3.9 J	6.9 J	3.6 J	6.6 J	<60	<60
Other Analyses																								
Sulfide (EPA 376.1)	250.000	250.000	<200	<200	<200	<200	<200	<200	<200	<200	NA	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	#####	NA	NA
Cyanide (EPA 335.2)	154	200	<20	<20	<20	<20	<20	<20	<20	<20	NA	<20	<20	<20	14 J	<20	<20	<20	<20	<20	<20	7.7 J	NA	NA
Mercury	1.05	2	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.2	<0.20	<0.20	<0.20	0.11 J	NS	<0.20	<0.20
Nitrate/Nitrite (SM 4500 - NO3-E)	10,000	10,000	86	84	65	NA	<40	<40	<40	<40	NA	51	0.018J	0.060	33 J	45	130	270 J	<40	550J	<40	77 J	NA	NA

COMPOUNDS (µg/L)	Groundwater NC 2L Standard (ug/l)	EPA Drinking water MCL (ug/l)	SLMW-12AR 04/05	SLMW-12AR 10/05	SLMW-12AR Dup 10/05	SLMW-12AR 4/06	SLMW-12AR 11/06	SLMW-12AR 05/07	SLMW-12AR 11/07	SLMW-12AR-DUP 11/07	SLMW-12AR11/08	SLMW-12AR 06/09	SLMW-12AR 11/09	SLMW-12AR 06/10	SLMW-12AR 11/10	SLMW-12AR 6/11	SLMW-12BR 04/05	SLMW-12BR Dup 04/05	SLMW-12BR 10/05	SLMW-12BR 4/06	SLMW-12BR 11/06	SLMW-12BR 05/07	SLMW-12BR 11/07	SLMW-12BR 11/08	SLMW-12BR 06/09	SLMW-12BR 11/09	SLMW-12BR 06/10	SLMW-12BR 11/10	SLMW-12BR 6/11	SLMW-13 04/05	SLMW-13 10/05	SLMW-13 4/06	SLMW-13 11/06	GW-SLMW-13 06/07	GW-SLMW-13 11/07	GW-SLMW-13 11/08
VOCs (EPA 8260B)																																				
1,1,2,2-tetrachloroethane	0.17	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,1-dichloroethane	700	810*	<2	1.21J	1.22J	1.39J	0.83J	<2	1.15 J	1.0 J	0.62 J	<2	0.35 J	<2	1	<2	1.41J	1.39J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2,3-trichloropropane	0.005	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2,4-trimethylbenzene	350	15 *	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2-dibromo-3-chloropropane	0.025	0.2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2-dibromoethane	0.0004	0.05	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2-dichlorobenzene	NA	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2-dichloroethane	0.38	5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2-dichloropropane	0.56	5	<2	<2	<2	<2	<2	<2	<2	0.23 J	<2	<2	<2	<2	<2	<2	0.42J	0.45J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,4-dichlorobenzene	75	75	<2	1.05J	0.94J	1.14J	0.84J	<2	0.78 J	0.67 J	0.49 J	<2	<2	<2	0.61 J	<2	1.07J	1.15J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,4-dioxane	NA	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	9.8	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
2-butanone	NA	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
4-isopropyltoluene	NA	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
acetone	700	NA	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NA	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NA	<2	<2	<2	<2	<2	<2
acrolein	NA	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
benzene	1	5	<2	1.03J	0.95J	1.04J	0.76J	<2	0.84 J	0.72 J	0.53 J	<2	0.26 J	<2	0.73 J	<2	1.11J	1.15J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
carbon disulfide	700	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
chlorobenzene	50	100	<2	0.57J	0.53J	0.62J	0.53J	<2	0.56 J	0.51 J	0.4 J	<2	<2	<2	0.73 J	<2	0.58J	0.6J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
chloroethane	2800	4.6*	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
chloroform	70	80	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	1.3	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
chloromethane (methyl chloride)	2.6	NA	<2	<2	<2	<2	2.05	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
cis-1,2-dichloroethene	70	70	<2	2.9	2.58	3.19	1.09J	<2	1.22 J	1.08 J	0.83 J	<2	<2	<2	0.92 J	<2	3.79	4.02	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
dibromochloromethane	0.41	80	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
dichlorodifluoromethane	1400	390*	<2	5.11	5.15	4.41	3.61	<2	1.81 J	1.78 J	<2	<2	<2	<2	<2	<2	10.2	11.6	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
diisopropyl ether	70	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
isopropylbenzene	70	660*	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
m&p xylene	530#	10000#	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
methylene chloride (dichloromethane)	4.6	5	<2	<2	<2	<2	<2	<2	0.21 J	0.27 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.25 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
MTBE	200	13*	<2	0.32J	0.35J	0.31J	<2	<2	0.22 J	0.21 J	<2	<2	<2	<2	<2	<2	0.36J	0.38J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
naphthalene	21	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
o-xylene	530#	10000#	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
sec-butylbenzene	70	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
tetrachloroethene	0.7	5	<2	0.32J	0.3J	0.35J	<2	<2	<2	<2	<2	<2	<2	<2	0.16 J	0.33 J	0.4J	0.38J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
toluene	1000	1000	<2	<2	<2	0.37J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.24J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	1.15J	<2	<2	<2	<2
trans-1,2-dichloroethene	70	100	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
trichloroethene	2.8	5	<2	0.64J	0.52J	0.55J	0.35J	<2	0.45 J	0.37 J	0.23 J	<2	0.13 J	<2	0.27 J	<2	0.71J	0.68J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
trichlorofluoromethane	2100	1300*	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
vinyl chloride	0.015	2	<2	2.08	1.82J	2.44	1.17	<2	0.97 J	0.77 J	0.52 J	<2	<2	<2	0.58 J	<2	3.25	3.5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
SVOCs (EPA 8270C)																																				
1,4-dichlorobenzene (para)	1.4	75	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	1.98J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-methylphenol (p-cresol)	3.5	180*	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	13.1	<10	<10
benzoic acid	NA	NA	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
benzyl alcohol	NA	NA	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
diethylphthalate	5000	29000*	<10	1.51J	1.23J	<10	1.15J	1.28 J	<10	<10	<10	<10	<10	<10	<10	<10	1.46J	2.2J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
di-n-butylphthalate	700	3600*	1.06J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
bis(2-Ethylhexyl)phthalate	2.5	6	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	1.5 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
phenol	300	NA	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Pesticides (EPA 8081)																																				
delta-BHC	NA	NA	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505
alpha-BHC	NA	NA	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	0.0255	<.0505	<.0505	<.0505
beta-BHC	NA	NA	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505
gamma-BHC	0.2	0.2	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505
alpha-Chlordane*	0.1	2	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	0.0306	<.0505	<.0505	<.0505
gamma-Chlordane*	0.1	2	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	0.0255	<.0505	<.0505	<.0505
Aldrin	NA	NA	<.0505	<.0505	<.0505	<.0505	0.1	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	#####	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	0.0306	<.0505	<.0505	<.0505
Dieldrin	0.0022	NA	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505
Endosulfan I	NA	NA	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<.0505	<.0505	<.0505	<.0505	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<.0505	<.0505	<.0505	<.0505	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Heptachlor	0.0078	0.4	<.0505	<.0505	<.0505	<.0505	0.13	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	0.0255 J	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505
PCBs (EPA 8082)																																				
No Detections																																				
Organophosphorus Pesticides (EPA 8141A)																																				
No Detections																																				
Appendix II Inorganics (EPA 6010B/6020A)																																				
Antimony	NA	6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2.0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2.0	<1	<1	<1	<1	<1	<1	<1
Arsenic	10	10	<2	2.02	1.61J	<2	1.05J	1.05 J	<2	<2	<2	0.42 J	0.5 J	0.54 J	0.75 J	0.61 J	1.26J	1.61J	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.45 J	<1.0	<2	<2	<2	<2	1.11 J	<2	<2
Barium	2000	2000	43.4	27.7	27.7	30	33.2	34.1	42.0	41.0	44.8	38	41	36	41	32	27.2	28.4	35	30	34.5	41.5	41	43.2	42	37	40	43	41	8.7 J	<2	5	5.43	10.9	7	8.3
Beryllium	NA	4	<4	<4	<4	<4	<4	<4	<4	<4	<4	0.13 J	0.12 J	0.12 J	0.070 J	0.11 J	<4	<4	<4	<4	<4	<4	<4	<4	0.36	0.33	0.37	0.34	0.41	<4	<4	<4	<4	<4	<4	<4
Cadmium	5	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.50	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.50	<1	<1	<1	<1	<1	<1	<1
Chromium	50	100	<5	<5	<5	<5	<5	<5	<5	<5	<5	< 5	0.74 J	0.4 J	0.60 J	0.92 J	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.32 J	0.52 J	0.19 J	<5	<5	<5	<5	<5	<5	<5
Cobalt	NA	NA	<1	<1	<1	<1	0.698J	<1	<1	<1	<1	< 1	0.8	0.65	0.89	0.68	<1	<1	<1	<1	1.46	<1	<1	<1	1.1	1	1.1	1.1	1.2	<1	<1	<1	<1	<1	<1	<1
Copper	1000	1000	<1	<1	<1	<1	<1	<1	<1	<1	<1	< 1	0.53 J	2	<1	0.52 J	<1	<1	<1	<1	<1	<1	6 JB	<1	< 1	1.2	3.4	2.2	1.1	<1	<1	<1	<1	<1	<1	<1
Iron	300	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	100	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	52	<1	<1.0	<1	<1	<1	<1	<1	<1	<1
Lead	15	15	0.61	<1	<1	0.50J	<1	0.819 J	<1	<1	0.738 J	0.34	0.44	0.45	0.49	0.54	<1	<1	0.623J	0.50J	<1	<1	<1	2.72	0.17 J	0.26 J	0.27 J	0.72	0.28 J	<1	<1	<1	<1	<1	<1	<1
Manganese	50	NA	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	30	<1	<1.0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	14	<1	<1.0	<1	<1	<1	<1	<1	<1	<1
Nickel	100	730*	<50	<50	<50	<50	<50	<50	<50	<50	<50	< 50	1	0.97 J	0.64 J	1.4	<50	<50	<50	<50	2.29	<50	4 J	<50	2.2 J	1.8	2.1	2.6	2.2	<50	<50	<50	1.27J	<50	<50	<50
Selenium	50	50	<2	1.54J	2.24	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.50	1.48J	1.46J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.50	<2	<2	<2	<2	<2	<2	<2
Silver	18	100*	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<0.20	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<0.20	<30	<30	<30	<30	<30	<30	<30
Thallium	NA	2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.22	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.1 J	<2	<2	0.15 J	<2	<2	<2	<2	<2	<2	<2
Tin	NA	NA	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<1.0	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<1.0	<5	<5	<5	<5	<5	<5	<5
Vanadium	NA	260*	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	1.8 J	1.5 J	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<5.0	<30	<30	<30	<30	<30	<30	<30
Zinc	2100	5000	21.4	<60	<60	<60	<60	12.6 J	<60	<60	<60	4.5 J	12	8.8 J	3.1 J	5.9 J	99.7	<60	<60	<60	6.33J	<60	<60	<60	8.3 J	20	34	9.6 J	100	<60	<60	<60	10.3	<60	<60	<60
Other Analyses																																				
Sulfide (EPA 376.1)	250.000	250.000	NA	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	#####	NA	NA	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	NA	<200	<200	<200	<200	<200	<200
Cyanide (EPA 335.2)	154	200	NA	<20	<20	<20	<20	<20	<20	<20	<20	<20	4.2 J	<20	<20	<20	NA	NA	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	NA	<20	<20	<20	<20	<20	<20
Mercury	1.05	2	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.12 J	<20	<0.20
Nitrate/Nitrite (SM 4500 - NO3-E)	10,000	10,000	NA	25J	<40	0.033J	0.28	217	398	336	244	240 J	640 J	<40	<40	110 J	NA	NA	48	0.033J	0.022J	20 J	52	146	150 J	<40	<40	<40	120 J	NA	36J	0.07	0.09	140	387	151

COMPOUNDS (µg/L)	Groundwater NC 2L Standard (ug/l)	EPA Drinking water MCL (ug/l)	SLMW-13 0609	SLMW-13 1109	SLMW-13 0610	SLMW-13 1110	SLMW-13 0611	SW-1 0405	SW-1 1005	SW-1 406	SW-1 1106	SW-1 0607	SW-1 1107	SW-1 1108	SW-1 0609	SW-1 1109	SW-1 0610	SW-1 1110	SW-1 1110	SW-2 0405	SW-2 1005	SW-2 406	SW-2 1106	SW-2 0607	SW-2 1107	SW-2 1108	SW-2 0609	SW-2 1109	SW-2 0610	SW-2 1110	SW-2 0611
VOCs (EPA 8260B)																															
1,1,2,2-tetrachloroethane	0.17	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2
1,1-dichloroethane	700	810*	<2	<2	<2	<2	<2	<2	7.64	7.8	3.93	7.7	7.36	7.73	10	0.46 J	<2	0.32 J	<2	<2	<2	<2	<2	<2	0.20 J	0.31 J	<2	<2	NS	8.2	1.3
1,2,3-trichloropropane	0.005	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2
1,2,4-trimethylbenzene	350	15 *	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2
1,2-dibromo-3-chloropropane	0.025	0.2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2
1,2-dibromoethane	0.0004	0.05	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2
1,2-dichlorobenzene	NA	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2
1,2-dichloroethane	0.38	5	<2	<2	<2	<2	<2	<2	<2	0.41J	<2	<2	<2	<2	0.34 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2
1,2-dichloropropane	0.56	5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**0.44 J**	0.058 J	0.44 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	0.51 J	<2
1,4-dichlorobenzene	75	75	<2	<2	<2	<2	<2	<2	0.76J	0.96J	0.51J	<2	0.71 J	<2	0.62 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	1.3	0.31 J
1,4-dioxane	NA	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	4.8 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	7.7 J	NS	<2	<2
2-butanone	NA	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	1.78J	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2
4-isopropyltoluene	NA	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.21 J	<2	<2	NS	<2	<2
acetone	700	NA	<2	<2	<2	<2	<2	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NA	3.5	<2	<2	<2	4.29 J	<2	<2	<2	NS	<2	<2
acrolein	NA	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	2.59J	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2
benzene	1	5	<2	<2	<2	<2	<2	<2	**1.59J**	**1.72J**	0.87J	**1.6**	**1.45 J**	**1.88 J**	**1.7**	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	2.2	0.39 J
carbon disulfide	700	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.28J	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2
chlorobenzene	50	100	<2	<2	<2	<2	<2	<2	0.35J	0.37J	<2	<2	0.22 J	0.42 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	0.85 J	<2
chloroethane	2800	4.6*	<2	<2	<2	<2	<2	<2	0.51J	0.52J	0.23J	<2	0.38 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2
chloroform	70	80	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.43 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2
chloromethane (methyl chloride)	2.6	NA	<2	<2	<2	<2	<2	<2	0.51J	0.52J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2
cis-1,2-dichloroethene	70	70	<2	<2	<2	<2	<2	<2	5.02	5.01	1.79J	6.1	4.73	5.24	4.8	<2	<2	0.20 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	4.7	0.69 J
dibromochloromethane	0.41	80	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2
dichlorodifluoromethane	1400	390*	<2	<2	<2	<2	<2	<2	10.4	7.07	5.78	8.4	5.77	5.1	4.2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.23 J	<2	<2	NS	3.2	0.73 J
diisopropyl ether	70	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2
isopropylbenzene	70	660*	<2	<2	<2	<2	<2	<2	0.2J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2
m&p xylene	530#	10000#	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2
methylene chloride (dichloromethane)	4.6	5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.30 J	<2	<2	<2	<2	<2	2.9 J B	<2	<2	<2	<2	<2	0.22 J	<2	<2	<2	NS	<2	3.1 J B
MTBE	200	13*	<2	<2	<2	<2	<2	<2	1.2J	0.86J	<2	<2	0.56 J	0.66 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2
naphthalene	21	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2
o-xylene	530#	10000#	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2
sec-butylbenzene	70	NA	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	0.20 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2
tetrachloroethene	0.7	5	<2	<2	<2	<2	<2	<2	**1.41J**	**1.36J**	**0.77J**	<2	0.88 J	**1.32 J**	**1.1**	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	1.2	<2
toluene	1000	1000	<2	<2	<2	<2	0.70 J	<2	<2	0.42J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	1.62J	<2	<2	<2	<2	<2	<2	NS	<2	<2
trans-1,2-dichloroethene	70	100	<2	<2	<2	<2	<2	<2	<2	<2	0.27J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	<2
trichloroethene	2.8	5	<2	<2	<2	<2	<2	<2	2.36	2.21	1.12J	<2	2.14	2.3	1.9	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	2	0.37 J
trichlorofluoromethane	2100	1300*	<2	<2	<2	<2	<2	<2	0.59J	0.54J	<2	<2	0.30 J	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	0.57 J	<2
vinyl chloride	0.015	2	<2	<2	<2	<2	<2	<2	**2.78**	**3.52**	**1.89J**	<2	**3.24**	**2.98**	**2.8**	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	2.8	0.45 J
SVOCs (EPA 8270C)																															
1,4-dichlorobenzene (para)	1.4	75	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	0.91 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	**1.87 J**	<10	<10	<10	<10	NS	<10	<10
4-methylphenol (p-cresol)	3.5	180*	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NS	<10	<10
benzoic acid	NA	NA	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NS	<10	<10
benzyl alcohol	NA	NA	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NS	<10	<10
diethylphthalate	5000	29000*	<10	<10	<10	<10	<10	<10	2.81J	3.19J	2.02J	2.51 J	1.79 J	1.98	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NS	2.5 J	<10
di-n-butylphthalate	700	3600*	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NS	<10	<10
bis(2-Ethylhexyl)phthalate	2.5	6	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	1.35J	<10	<10	<10	<10	<10	NS	<10	<10
phenol	300	NA	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NS	<10	<10
Pesticides (EPA 8081)																															
delta-BHC	NA	NA	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	0.038 J	NS	<.0505	<.0505
alpha-BHC	NA	NA	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	0.04 J	NS	<.0505	<.0505
beta-BHC	NA	NA	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	0.042	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	0.03	<.0505	0.051 J	NS	<.0505	<.0505
gamma-BHC	0.2	0.2	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	NS	<.0505	<.0505
alpha-Chlordane*	0.1	2	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	NS	<.0505	<.0505
gamma-Chlordane*	0.1	2	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	0.0354	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	NS	<.0505	<.0505
Aldrin	NA	NA	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	0.13	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	NS	<.0505	<.0505
Dieldrin	0.0022	NA	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	**.0505**	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	**.0306**	<.0505	<.0505	<.0505	<.0505	<.0505	NS	<.0505	<.0505
Endosulfan I	NA	NA	<0.025	<.0505	<.0505	<.0505	<.0505	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<.0505	<.0505	<.0505	<.0505	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<.0505	NS	<.0505	<.0505
Heptachlor	0.0078	0.4	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	<.0505	NS	<.0505	<.0505
PCBs (EPA 8082)																															
No Detections																															
Organophosphorus Pesticides (EPA 8141A)																															
No Detections																															
Appendix II Inorganics (EPA 6010B/6020A)																															
Antimony	NA	6	<1	<1	<1	<1	<2.0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2.0	<1	<1	<1	<1	<1	<1	<1	<1	<1	NS	<1	<2.0
Arsenic	10	10	<2	<2	<2	<2	<1.0	<2	2.37	3.89	5.69	**14.0**	27.7	**14.4**	6.6	1.2	0.57 J	9	0.84 J	<2	1.09J	1.08J	<2	1.18 J	1.85 J	5.79	0.53 J	0.76 J	NS	9.2	2.4
Barium	2000	2000	9	6.9	9.9	9	6.6	10.2	31.7	20	22	35.0	21	28	26	8.2	22	120	26	10.3	15.6	10	11.6	9.3	20	22	23	15	NS	39	22
Beryllium	NA	4	<4	<4	<4	<4	<0.20	<4	<4	<4	<4	<4	<4	19	<4	<4	<4	1.3	0.094 J	<4	<4	<4	<4	<4	<4	<4	0.36 J	0.094 J	NS	<4	0.077 J
Cadmium	5	5	<1	<1	<1	<1	<0.50	<1	0.774J	<1	<1	<1	<1	<1	<1	<1	<1	0.31 J	<0.50	<1	<1	<1	<1	<1	<1	<1	<1	<1	NS	<1	<0.50
Chromium	50	100	0.17 J	0.19 J	<5	0.26 J	0.16 J	<5	<5	<5	<5	<5	<5	<5	0.16 J	0.74 J	0.38 J	6.6	0.86 J	<5	<5	<5	<5	<5	<5	<5	<5	1.4 B	NS	<5	2
Cobalt	NA	NA	0.11 J	0.083 J	0.10 J	0.11 J	0.18 J	<1	<1	<1	<1	<1	<1	<1	0.19 J	0.18 J	0.23	4.4	0.38	<1	<1	<1	<1	<1	<1	<1	0.26	0.3	NS	0.19 J	0.26
Copper	1000	1000	0.50 J	0.3 J	0.35 J	<1	0.48 J	<1	<1	<1	<1	7.68 J	<1	<1	0.39 J	4.4	1.5	9.2	1.7	<1	<1	<1	<1	<1	5.4	<1	0.51 J	1.8	NS	<1	2.9
Iron	300	NA	<1	<1	<1	<1	<1.0	<1	<1	<1	<1	<1	<1	<1	<1	<1	**5400**	<1	<1.	<1	<1	<1	<1	<1	<1	<1	<1	<1	NS	<1	<1.0
Lead	15	15	<1	<1	<1	0.12 J	<0.30	<1	1.08	<1	<1	1.85	<1	<1	0.12 J	0.51	0.15 J	11	<1.0	<1	<1	2.36	0.56J	<1	<1	<1	0.19 J	0.72	NS	0.12 J	3.3
Manganese	50	NA	<1	<1	<1	<1	<1.0	<1	<1	<1	<1	<1	<1	<1	<1	<1	24	<1	<1.0	<1	<1	<1	<1	<1	<1	<1	<1	<1	NS	<1	<1.0
Nickel	100	730*	0.36 J	0.42 J	<50	<50	0.57 J	<50	22.9J	<50	<50	<50	<50	<50	0.54 J	1.7	0.55 J	3.3	0.94 J	<50	<50	<50	<50	<50	<50	<50	0.6	1.2	NS	<50	1
Selenium	50	50	<2	<2	<2	<2	<0.50	<2	1.07J	1.16J	<2	<2	<2	<2	<2	<2	<2	0.83	0.79	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	<2	1.3
Silver	18	100*	<30	<30	<30	<30	<0.20	<30	10.1J	<30	<30	<30	<30	<30	<30	<30	<30	<30	<0.20	<30	<30	<30	<30	<30	<30	<30	<30	<30	NS	<30	<0.20
Thallium	NA	2	<2	<2	<2	<2	<0.20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.20	<2	<2	<2	<2	<2	<2	<2	<2	<2	NS	0.15 J	<0.20
Tin	NA	NA	<5	<5	<5	<5	<1.0	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<1.0	<5	<5	<5	<5	<5	<5	<5	<5	<5	NS	0.50 J	<1.0
Vanadium	NA	260*	<30	<30	<30	<30	<5.0	<30	10.1J	<30	<30	13.1	11	11	<30	<30	<30	25	1.6 J	<30	<30	<30	<30	<30	<30	<30	<30	<30	NS	<30	4.1 J
Zinc	2100	5000	14	3.4 J	4.6 J	5.7	3.2 J	<60	55.3J	<60	5.73J	117	42 J	<60	20	15	370	280	29	37.1 J	<60	0.02J	34.5	24.5 J	<60	<60	12	24	NS	16	20
Other Analyses																															
Sulfide (EPA 376.1)	250,000	250,000	<200	<200	<200	28,000	<200	NA	<200	<200	<200	<200	<200	<200	<200	<200	10,000	10,000	13,000	NA	<200	<200	<200	<200	<200	<200	<200	<200	NS	10000	<200
Cyanide (EPA 335.2)	154	200	<20	2.6 J	<20	<20	<20	NA	<20	<20	<20	18 J	<20	<20	<20	4.2 J	2.5	2.5	<20	NA	<20	<20	<20	18 J	<20	<20	<20	2.7 J	NS	2.5	<20
Mercury	1.05	2	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NS	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NS	<0.20	<0.20
Nitrate/Nitrite (SM 4500 - NO3-E)	10,000	10,000	420	<40	610 J	560 J	<75	NA	78	0.058J	0.03J	11 J	<40	541	NA	<40	1,700	360	<75	NA	<40	0.331J	0.492	68	<40	<40	880	<40	NS	360	390

APPENDICES

APPENDIX A

GROUNDWATER SAMPLING LOGS

	U.S. ARMY CORPS OF ENGINEERS SAVANNAH DISTRICT GEOLOGY and HYDROGEOLOGY	GROUNDWATER FIELD DATA LOG

1. CLIENT: Ft. Bragg, NC
DATE: 6/27/2011 TIME:0950
SAMPLED BY: Cooper and Hill
WEATHER CONDITIONS: 79°; partly cloudy

Location: Longstreet Landfill	**Sample ID: SLSW-1-6-11**

PRESERVATIVE: HNO_3, NaOH, NaOH/ZnOAc, Ice
ANALYSES REQUESTED: 8260B, 8081B/8082A, 8270D, 8141B, 300, 8151A, 9034, 9012B, 6020AppII
OF CONTAINERS:16
SAMPLING METHOD: ☐ Peristaltic Pump
☐ Bladder Pump LOW FLOW: ☐ YES ☐ NO
SAMPLES FILTERED: ☐ YES ☒ NO DUPLICATE SAMPLE: ☐ YES ☒ NO

2. **WATER LEVEL DATA**
MEASURING POINT: ☒ Top of casing ☐ Other:
METHOD OF MEASUREMENT: Water Level Indicator

3. **WELL EVACUATION DATA**
Well Depth (wd): NA (ft) Diameter (d): NA (in)
Depth to Water (dw): NA (ft) Diameter (d): NA (ft)
Well Volume = $(5.904 \times d^2 (wd\text{-}dw))$ = NA (gallons)
Flow Rate : NA (ml/min) Purge vol: NA (gallons)
Length of Time Purged: NA (minutes) Purge time: NA
Amount Purged= NA (gallons)

4. **FIELD PARAMETERS**

INSTRUMENT	CALIBRATED
pH Meter –YSI 556XL	☒
Conductivity Meter – YSI 556XL	☒
Temperature – YSI 556XL	☒
Turbidity Meter – Hach 2100 Q	☒
DO Meter – YSI 556XL	☒
ORP Meter – YSI 556XL	☒
CO_2– Hach Digital Titrator	☐

Time	0950					
pH	6.64					
Sp. Cond	0.12					
Temp. °C	21.79					
Turbidity	NA					
DO	45.7					
ORP	72.3					

5. COMMENTS:

	U.S. ARMY CORPS OF ENGINEERS SAVANNAH DISTRICT GEOLOGY and HYDROGEOLOGY	GROUNDWATER FIELD DATA LOG

1. CLIENT: Ft. Bragg, NC
DATE: 6/27/2011 TIME:1030
SAMPLED BY: Cooper and Hill
WEATHER CONDITIONS: 80°; partly cloudy

Location: Longstreet Landfill	**Sample ID: SLSW-2-6-11**

PRESERVATIVE: HNO_3, NaOH, NaOH/ZnOAc, Ice
ANALYSES REQUESTED: 8260B, 8081B/8082A, 8270D, 8141B, 300, 8151A, 9034, 9012B, 6020AppII
OF CONTAINERS:16
SAMPLING METHOD: ☐ Peristaltic Pump
☐ Bladder Pump LOW FLOW: ☐ YES ☐ NO
SAMPLES FILTERED: ☐ YES ☒ NO DUPLICATE SAMPLE: ☐ YES ☒ NO

2. **WATER LEVEL DATA**
MEASURING POINT: ☒ Top of casing ☐ Other:
METHOD OF MEASUREMENT: Water Level Indicator

3. **WELL EVACUATION DATA**
Well Depth (wd): NA (ft) Diameter (d): NA (in)
Depth to Water (dw): NA (ft) Diameter (d): NA (ft)
Well Volume = $(5.904 \times d^2 (wd\text{-}dw))$ = NA (gallons)
Flow Rate : NA (ml/min) Purge vol: NA (gallons)
Length of Time Purged: NA (minutes) Purge time: NA
Amount Purged= NA (gallons)

4. **FIELD PARAMETERS**

INSTRUMENT	CALIBRATED
pH Meter –YSI 556XL	☒
Conductivity Meter – YSI 556XL	☒
Temperature – YSI 556XL	☒
Turbidity Meter – Hach 2100 Q	☒
DO Meter – YSI 556XL	☒
ORP Meter – YSI 556XL	☒
CO_2– Hach Digital Titrator	☐

Time	1030					
pH	6.41					
Sp. Cond	0.139					
Temp. °C	23.13					
Turbidity	NA					
DO	75.5					
ORP	1.6					

5. COMMENTS:
Sent 1 unpreserved liter bottle for 9034, because not enough ZnOAc Preserved 250 mL bottles.

	U.S. ARMY CORPS OF ENGINEERS SAVANNAH DISTRICT GEOLOGY and HYDROGEOLOGY	GROUNDWATER FIELD DATA LOG

1. CLIENT: Ft. Bragg, NC
DATE: 6/23/2011 TIME: 1145
SAMPLED BY: Cooper and Hill
WEATHER CONDITIONS: 92°; cloudy

Location: Longstreet Landfill	**Sample ID:SLMW-6-6-11**

PRESERVATIVE: HNO_3, NaOH, NaOH/ZnOAc, Ice
ANALYSES REQUESTED: 8260B, 8081B/8082A, 8270D, 8141B, 300, 8151A, 9034, 9012B, 6020AppII
OF CONTAINERS:16
SAMPLING METHOD: ☐ Peristaltic Pump
☒ Bladder Pump LOW FLOW: ☒ YES ☐ NO
SAMPLES FILTERED: ☐ YES ☒ NO DUPLICATE SAMPLE: ☒ YES ☐ NO

2. **WATER LEVEL DATA**
MEASURING POINT: ☒ Top of casing ☐ Other:
METHOD OF MEASUREMENT: Water Level Indicator

3. **WELL EVACUATION DATA**
Well Depth (wd): 37.80 (ft) Diameter (d): 2.00 (in)
Depth to Water (dw): 30.31 (ft) Diameter (d): 0.167 (ft)
Well Volume = ($5.904 \times d^2$ (wd-dw)) = 1.2 (gallons)
Flow Rate : 437 (ml/min) Purge vol: NA (gallons)
Length of Time Purged: 55 (minutes) Purge time: 1050
Amount Purged= 6.3 (gallons)

4. **FIELD PARAMETERS**

INSTRUMENT	CALIBRATED
pH Meter –YSI 556XL	☒
Conductivity Meter – YSI 556XL	☒
Temperature – YSI 556XL	☒
Turbidity Meter – Hach 2100 Q	☒
DO Meter – YSI 556XL	☒
ORP Meter – YSI 556XL	☒
CO_2– Hach Digital Titrator	☐

Time	1115	1125	1135	1145		
pH	4.18	4.35	4.37	4.37		
Sp. Cond	0.018	0.018	0.018	0.018		
Temp. °C	19.58	21.7	21.3	21.2		
Turbidity	2.65	1.65	0.97	0.91		
DO	77.2	82.1	82.2	81.3		
ORP	248.5	249.9	246.7	246.3		

5. COMMENTS:
MS/MSD taken; SLMW-DUP1-6-11 taken at 1530

	U.S. ARMY CORPS OF ENGINEERS SAVANNAH DISTRICT GEOLOGY and HYDROGEOLOGY	GROUNDWATER FIELD DATA LOG

1. CLIENT: Ft. Bragg, NC
DATE: 6/25/2011 TIME: 1025
SAMPLED BY: Cooper and Hill
WEATHER CONDITIONS: 71°; partly cloudy

Location: Longstreet Landfill	**Sample ID: SLMW-7-6-11**

PRESERVATIVE: HNO_3, NaOH, NaOH/ZnOAc, Ice
ANALYSES REQUESTED: 8260B, 8081B/8082A, 8270D, 8141B, 300, 8151A, 9034, 9012B, 6020AppII
OF CONTAINERS:13
SAMPLING METHOD: ☐ Peristaltic Pump
☒ Bladder Pump LOW FLOW: ☒ YES ☐ NO
SAMPLES FILTERED: ☐ YES ☒ NO DUPLICATE SAMPLE: ☐ YES ☒ NO

2. **WATER LEVEL DATA**
MEASURING POINT: ☒ Top of casing ☐ Other:
METHOD OF MEASUREMENT: Water Level Indicator

3. **WELL EVACUATION DATA**
Well Depth (wd): 26.96 (ft) Diameter (d): 2.00 (in)
Depth to Water (dw): 21.86 (ft) Diameter (d): 0.167 (ft)
Well Volume = ($5.904 \times d^2$ (wd-dw)) = 0.8 (gallons)
Flow Rate : 125 (ml/min) Purge vol: NA (gallons)
Length of Time Purged: 77 (minutes) Purge time: 908
Amount Purged= 2.5 (gallons)

4. **FIELD PARAMETERS**

INSTRUMENT	CALIBRATED
pH Meter –YSI 556XL	☒
Conductivity Meter – YSI 556XL	☒
Temperature – YSI 556XL	☒
Turbidity Meter – Hach 2100 Q	☒
DO Meter – YSI 556XL	☒
ORP Meter – YSI 556XL	☒
CO_2– Hach Digital Titrator	☐

Time	0920	0940	0950	1000	1010	1020
pH	5.70	5.80	6.20	5.74	5.75	5.75
Sp. Cond	0.369	0.336	0.313	0.287	0.285	0.289
Temp. °C	20.23	22.04	22.60	22.61	25.18	25.70
Turbidity	7.99	3.74	3.64	2.07	2.14	1.99
DO	7.5	5.8	6.2	6.2	9.1	11
ORP	-24.5	-27.1	-23.1	-18.8	-15.4	-16.0

5. COMMENTS:
Sampled 8081B/8082A (2 bottles), 8270D (1 bottles), 8151A (1 bottles), 8141B (1 bottles), 9034, 9012B, 8260 on 6-25-11 at 1025 and 6020 AppII, 300 on 6-27-11 at 0848

	U.S. ARMY CORPS OF ENGINEERS SAVANNAH DISTRICT GEOLOGY and HYDROGEOLOGY	GROUNDWATER FIELD DATA LOG

1. CLIENT: Ft. Bragg, NC
DATE: 6/25/2011 TIME:1415
SAMPLED BY: Cooper and Hill
WEATHER CONDITIONS:

Location: Longstreet Landfill	**Sample ID: SLMW-8-6-11**

PRESERVATIVE: HNO_3, NaOH, NaOH/ZnOAc, Ice
ANALYSES REQUESTED: 8260B, 8081B/8082A, 8270D, 8141B, 300, 8151A, 9034, 9012B, 6020AppII
OF CONTAINERS:12
SAMPLING METHOD: ☐ Peristaltic Pump
☒ Bladder Pump LOW FLOW: ☒ YES ☐ NO
SAMPLES FILTERED: ☐ YES ☒ NO DUPLICATE SAMPLE: ☐ YES ☒ NO

2. **WATER LEVEL DATA**
MEASURING POINT: ☒ Top of casing ☐ Other:
METHOD OF MEASUREMENT: Water Level Indicator

3. **WELL EVACUATION DATA**
Well Depth (wd): 27.20 (ft) Diameter (d): 2.00 (in)
Depth to Water (dw): 24.00 (ft) Diameter (d): 0.167 (ft)
Well Volume = ($5.904 \times d^2$ (wd-dw)) = 0.5 (gallons)
Flow Rate : 119 (ml/min) Purge vol: NA (gallons)
Length of Time Purged: 86 (minutes) Purge time: 1249
Amount Purged= 2.7 (gallons)

4. **FIELD PARAMETERS**

INSTRUMENT	CALIBRATED
pH Meter –YSI 556XL	☒
Conductivity Meter – YSI 556XL	☒
Temperature – YSI 556XL	☒
Turbidity Meter – Hach 2100 Q	☒
DO Meter – YSI 556XL	☒
ORP Meter – YSI 556XL	☒
CO_2– Hach Digital Titrator	☐

Time	1315	1325	1335	1345	1355	
pH	6.11	6.11	6.10	6.03	6.07	
Sp. Cond	0.954	0.946	0.947	0.961	0.968	
Temp. °C	37.10	36.73	36.73	32.61	30.24	
Turbidity	29.2	27.2	16.8	17.4	10.0	
DO	0.5	0.5	0.8	2.2	2.6	
ORP	-159.3	-148.8	-150.0	-139.5	-148.0	

5. COMMENTS:
Sampled 8081B/8082A (1 bottles), 8270D (1 bottles), 8151A (1 bottles), 8141B (1 bottles), 9034, 9012B, 8260 on 6-25-11 at 1415 and 6020 AppII, 300 on 6-27-11 at 0958

	U.S. ARMY CORPS OF ENGINEERS SAVANNAH DISTRICT GEOLOGY and HYDROGEOLOGY	GROUNDWATER FIELD DATA LOG

1. CLIENT: Ft. Bragg, NC
DATE: 6/25/2011 TIME:1545
SAMPLED BY: Cooper and Hill
WEATHER CONDITIONS: cloudy

Location: Longstreet Landfill	**Sample ID: SLMW-9-6-11**

PRESERVATIVE: HNO_3, NaOH, NaOH/ZnOAc, Ice
ANALYSES REQUESTED: 8260B, 8081B/8082A, 8270D, 8141B, 300, 8151A, 9034, 9012B, 6020AppII
OF CONTAINERS:16
SAMPLING METHOD: ☐ Peristaltic Pump
☒ Bladder Pump LOW FLOW: ☒ YES ☐ NO
SAMPLES FILTERED: ☐ YES ☒ NO DUPLICATE SAMPLE: ☐ YES ☒ NO

2. **WATER LEVEL DATA**
MEASURING POINT: ☒ Top of casing ☐ Other:
METHOD OF MEASUREMENT: Water Level Indicator

3. **WELL EVACUATION DATA**
Well Depth (wd): 48.46 (ft) Diameter (d): 2.00 (in)
Depth to Water (dw): 40.20 (ft) Diameter (d): 0.167 (ft)
Well Volume = ($5.904 \times d^2$ (wd-dw)) = 1.4 (gallons)
Flow Rate : _____ (ml/min) Purge vol: NA (gallons)
Length of Time Purged: 51 (minutes) Purge time: 1454
Amount Purged= 0.0 (gallons)

4. **FIELD PARAMETERS**

INSTRUMENT	CALIBRATED
pH Meter –YSI 556XL	☒
Conductivity Meter – YSI 556XL	☒
Temperature – YSI 556XL	☒
Turbidity Meter – Hach 2100 Q	☒
DO Meter – YSI 556XL	☒
ORP Meter – YSI 556XL	☒
CO_2– Hach Digital Titrator	☐

Time	1415	1425	1435	1445		
pH	6.29	6.47	6.47	6.47		
Sp. Cond	0.514	0.510	0.510	0.510		
Temp. °C	20.68	21.91	21.67	21.68		
Turbidity	171.0	114.0	11.0	5.25		
DO	4.5	10.6	2.8	2.8		
ORP	-142.7	-155.0	-152.9	-150.9		

5. COMMENTS:
Sampled 8081B/8082A (1 bottles), 8270D (1 bottles), 8151A (1 bottles), 8141B (1 bottles), 9034, 9012B, 8260 on 6-25-11 at 1545 and 6020 AppII, 300 on 6-27-11 at 0923

	U.S. ARMY CORPS OF ENGINEERS SAVANNAH DISTRICT GEOLOGY and HYDROGEOLOGY	GROUNDWATER FIELD DATA LOG

1. CLIENT: Ft. Bragg, NC
DATE: 6/24/2011 TIME: 1625
SAMPLED BY: Cooper and Hill
WEATHER CONDITIONS: 91°; fair and windy

Location: Longstreet Landfill	**Sample ID: SLMW-10-6-11**

PRESERVATIVE: HNO_3, NaOH, NaOH/ZnOAc, Ice
ANALYSES REQUESTED: 8260B, 8081B/8082A, 8270D, 8141B, 300, 8151A, 9034, 9012B, 6020AppII
OF CONTAINERS:16
SAMPLING METHOD: ☐ Peristaltic Pump
☒ Bladder Pump LOW FLOW: ☒ YES ☐ NO
SAMPLES FILTERED: ☐ YES ☒ NO DUPLICATE SAMPLE: ☐ YES ☒ NO

2. **WATER LEVEL DATA**
MEASURING POINT: ☒ Top of casing ☐ Other:
METHOD OF MEASUREMENT: Water Level Indicator

3. **WELL EVACUATION DATA**
Well Depth (wd): 27.70 (ft) Diameter (d): 2.00 (in)
Depth to Water (dw): 20.57 (ft) Diameter (d): 0.167 (ft)
Well Volume = ($5.904 \times d^2$ (wd-dw)) = 1.2 (gallons)
Flow Rate : 500 (ml/min) Purge vol: NA (gallons)
Length of Time Purged: 42 (minutes) Purge time: 1543
Amount Purged= 5.5 (gallons)

4. **FIELD PARAMETERS**

INSTRUMENT	CALIBRATED
pH Meter –YSI 556XL	☒
Conductivity Meter – YSI 556XL	☒
Temperature – YSI 556XL	☒
Turbidity Meter – Hach 2100 Q	☒
DO Meter – YSI 556XL	☒
ORP Meter – YSI 556XL	☒
CO_2– Hach Digital Titrator	☐

Time	1555	1605	1615	1625		
pH	6.68	6.58	6.49	6.51		
Sp. Cond	0.770	0.756	0.755	0.762		
Temp. °C	19.63	19.34	19.37	18.15		
Turbidity	5.14	2.43	1.19	1.76		
DO	5.5	3.3	29.2	1.8		
ORP	-94.6	-91.3	-88.6	-85.7		

5. COMMENTS:

	U.S. ARMY CORPS OF ENGINEERS SAVANNAH DISTRICT GEOLOGY and HYDROGEOLOGY	GROUNDWATER FIELD DATA LOG

1. CLIENT: Ft. Bragg, NC
DATE: 6/24/2011 TIME: 1745
SAMPLED BY: Cooper and Hill
WEATHER CONDITIONS:

Location: Longstreet Landfill	**Sample ID: SLMW-11R-6-11**

PRESERVATIVE: HNO_3, NaOH, NaOH/ZnOAc, Ice
ANALYSES REQUESTED: 8260B, 8081B/8082A, 8270D, 8141B, 300, 8151A, 9034, 9012B, 6020AppII
OF CONTAINERS:16
SAMPLING METHOD: ☐ Peristaltic Pump
☒ Bladder Pump LOW FLOW: ☒ YES ☐ NO
SAMPLES FILTERED: ☐ YES ☒ NO DUPLICATE SAMPLE: ☐ YES ☒ NO

2. **WATER LEVEL DATA**
MEASURING POINT: ☒ Top of casing ☐ Other:
METHOD OF MEASUREMENT: Water Level Indicator

3. **WELL EVACUATION DATA**
Well Depth (wd): 27.70 (ft) Diameter (d): 2.00 (in)
Depth to Water (dw): 20.57 (ft) Diameter (d): 0.167 (ft)
Well Volume = ($5.904 \times d^2$ (wd-dw)) = 1.2 (gallons)
Flow Rate : _____ (ml/min) Purge vol: NA (gallons)
Length of Time Purged: 40 (minutes) Purge time: 1705
Amount Purged= 0.0 (gallons)

4. **FIELD PARAMETERS**

INSTRUMENT	CALIBRATED
pH Meter –YSI 556XL	☒
Conductivity Meter – YSI 556XL	☒
Temperature – YSI 556XL	☒
Turbidity Meter – Hach 2100 Q	☒
DO Meter – YSI 556XL	☒
ORP Meter – YSI 556XL	☒
CO_2– Hach Digital Titrator	☐

Time	1715	1725	1735			
pH	5.62	5.10	5.03			
Sp. Cond	0.033	0.020	0.020			
Temp. °C	26.58	25.63	26.4			
Turbidity	27.5	11.0	8.84			
DO	36.4	33.2	30.5			
ORP	77.5	148.5	165.8			

5. COMMENTS:
Sampled 300, 9034, 9012B, 6020 AppII, 8260 on 6-24-11 at 1745 and 8081B/8082A, 8270, 8141B, 8151A on 6-25-11 at 0745

	U.S. ARMY CORPS OF ENGINEERS SAVANNAH DISTRICT GEOLOGY and HYDROGEOLOGY	GROUNDWATER FIELD DATA LOG

1. CLIENT: Ft. Bragg, NC
DATE: 6/22/2011 TIME: 1315
SAMPLED BY: Cooper and Hill
WEATHER CONDITIONS: 85°; partly cloudy

Location: Longstreet Landfill	**Sample ID:SLMW-12AR-6-11**

PRESERVATIVE: HNO_3, NaOH, NaOH/ZnOAc, Ice
ANALYSES REQUESTED: 8260B, 8081B/8082A, 8270D, 8141B, 300, 8151A, 9034, 9012B, 6020AppII
OF CONTAINERS:16
SAMPLING METHOD: ☐ Peristaltic Pump
☒ Bladder Pump LOW FLOW: ☒ YES ☐ NO
SAMPLES FILTERED: ☐ YES ☒ NO DUPLICATE SAMPLE: ☐ YES ☒ NO

2. **WATER LEVEL DATA**
MEASURING POINT: ☒ Top of casing ☐ Other:
METHOD OF MEASUREMENT: Water Level Indicator

3. **WELL EVACUATION DATA**
Well Depth (wd): 19.95 (ft) Diameter (d): 2.00 (in)
Depth to Water (dw): 8.65 (ft) Diameter (d): 0.167 (ft)
Well Volume = ($5.904 \times d^2$ (wd-dw)) = 1.9 (gallons)
Flow Rate : _____ (ml/min) Purge vol: NA (gallons)
Length of Time Purged: 73 (minutes) Purge time: 1202
Amount Purged= 0.0 (gallons)

4. **FIELD PARAMETERS**

INSTRUMENT	CALIBRATED
pH Meter –YSI 556XL	☒
Conductivity Meter – YSI 556XL	☒
Temperature – YSI 556XL	☒
Turbidity Meter – Hach 2100 Q	☒
DO Meter – YSI 556XL	☒
ORP Meter – YSI 556XL	☒
CO_2– Hach Digital Titrator	☐

Time	1218	1233	1248	1302	1311	
pH	4.27	3.99	4.21	4.27	4.42	
Sp. Cond	0.039	0.038	0.038	0.038	0.039	
Temp. °C	23.15	23.09	23.03	23.42	21.83	
Turbidity	88.3	40.5	19.7	69.3	69.3	
DO	20.4	13.7	13.9	13.5	16.4	
ORP	226.4	236.1	237.4	234.7	225.8	

5. COMMENTS:
Purged 5 times volume

	U.S. ARMY CORPS OF ENGINEERS SAVANNAH DISTRICT GEOLOGY and HYDROGEOLOGY	GROUNDWATER FIELD DATA LOG

1. CLIENT: Ft. Bragg, NC
DATE: 6/23/2011 TIME: 0908
SAMPLED BY: Cooper and Hill
WEATHER CONDITIONS: 90°; partly cloudy

Location: Longstreet Landfill	**Sample ID: SLMW-12BR-6-11**

PRESERVATIVE: HNO_3, NaOH, NaOH/ZnOAc, Ice
ANALYSES REQUESTED: 8260B, 8081B/8082A, 8270D, 8141B, 300, 8151A, 9034, 9012B, 6020AppII
OF CONTAINERS:16
SAMPLING METHOD: ☐ Peristaltic Pump
☒ Bladder Pump LOW FLOW: ☒ YES ☐ NO
SAMPLES FILTERED: ☐ YES ☒ NO DUPLICATE SAMPLE: ☐ YES ☒ NO

2. **WATER LEVEL DATA**
MEASURING POINT: ☒ Top of casing ☐ Other:
METHOD OF MEASUREMENT: Water Level Indicator

3. **WELL EVACUATION DATA**
Well Depth (wd): 65.00 (ft) Diameter (d): 2.00 (in)
Depth to Water (dw): 9.25 (ft) Diameter (d): 0.167 (ft)
Well Volume = ($5.904 \times d^2$ (wd-dw)) = 9.1 (gallons)
Flow Rate : _____ (ml/min) Purge vol: NA (gallons)
Length of Time Purged: NA (minutes) Purge time: 1337
Amount Purged= ##### (gallons)

4. **FIELD PARAMETERS**

INSTRUMENT	CALIBRATED
pH Meter –YSI 556XL	☒
Conductivity Meter – YSI 556XL	☒
Temperature – YSI 556XL	☒
Turbidity Meter – Hach 2100 Q	☒
DO Meter – YSI 556XL	☒
ORP Meter – YSI 556XL	☒
CO_2– Hach Digital Titrator	☐

Time	1352	0840	0850	0855	0900	0905
pH	4.50	4.31	4.34	4.37	4.43	4.44
Sp. Cond	0.072	0.074	0.073	0.73	0.074	0.073
Temp. °C	26.01	19.33	19.58	20.49	21.34	22.06
Turbidity	84.6	11.1	10.0	10.0	9.13	9.0
DO	14.6	6.2	4.6	10.3	18.0	29.5
ORP	192.1	225.6	226.5	227.5	226.9	227.7

5. COMMENTS:
Began purging 6/22/2011 at 1337 and resumed 6/23/2011 at 0815

	U.S. ARMY CORPS OF ENGINEERS SAVANNAH DISTRICT GEOLOGY and HYDROGEOLOGY	GROUNDWATER FIELD DATA LOG

1. CLIENT: Ft. Bragg, NC
DATE: 6/23/2011 TIME: 1535
SAMPLED BY: Cooper and Hill
WEATHER CONDITIONS: 91°; fair and windy

Location: Longstreet Landfill	**Sample ID: SLMW-13-6-11**

PRESERVATIVE: HNO_3, NaOH, NaOH/ZnOAc, Ice
ANALYSES REQUESTED: 8260B, 8081B/8082A, 8270D, 8141B, 300, 8151A, 9034, 9012B, 6020AppII
OF CONTAINERS:10
SAMPLING METHOD: ☐ Peristaltic Pump
☒ Bladder Pump LOW FLOW: ☒ YES ☐ NO
SAMPLES FILTERED: ☐ YES ☒ NO DUPLICATE SAMPLE: ☐ YES ☒ NO

2. WATER LEVEL DATA

MEASURING POINT: ☒ Top of casing ☐ Other:
METHOD OF MEASUREMENT: Water Level Indicator

3. WELL EVACUATION DATA

Well Depth (wd): 57.86 (ft) Diameter (d): 2.00 (in)
Depth to Water (dw): 55.70 (ft) Diameter (d): 0.167 (ft)
Well Volume = ($5.904 \times d^2$ (wd-dw)) = 0.4 (gallons)
Flow Rate : _____ (ml/min) Purge vol: NA (gallons)
Length of Time Purged: 53 (minutes) Purge time: 1448
Amount Purged= 0.0 (gallons)

4. FIELD PARAMETERS

INSTRUMENT	CALIBRATED
pH Meter –YSI 556XL	☒
Conductivity Meter – YSI 556XL	☒
Temperature – YSI 556XL	☒
Turbidity Meter – Hach 2100 Q	☒
DO Meter – YSI 556XL	☒
ORP Meter – YSI 556XL	☒
CO_2– Hach Digital Titrator	☐

Time	1500	1515	1520	1525	1530	1535
pH	4.28	4.16	4.58	4.63	4.61	4.61
Sp. Cond	0.020	0.016	0.016	0.015	0.015	0.015
Temp. °C	27.16	27.87	28.55	28.79	28.60	28.48
Turbidity	175.0	279.0	43.14	9.18	11.5	6.48
DO	130.9	95.4	104.5	105.5	104.9	102.7
ORP	220.5	237.4	226.0	227.0	228.5	230.9

5. COMMENTS:

Sampled 6020 AppII, 9034, 9012, 300, 8270D (1 bottle), 8081/8082, 8260B

APPENDIX B

DATA VALIDATION REPORTS

QA LEVEL II - DATA EVALUATION CHECKLIST

Company Name: USACE
Project Name: Ft. Bragg Longstreet Landfill
Reviewer: F. Burwell

Project Manager: Z. Kidwai
Project Number: 680-69845-1
Validation Date: 8/16/2011

Laboratory: TestAmerica
SDG #:
Analytical Method (type and no.):
Matrix: ☐ Air ☐ Soil/Sed. ☐ Water ☐ Waste ☐
Sample Names
SLMW-7-6-11, SLMW-8-6-11, SLMW-9-6-11, SLSW-1-6-11, SLSW-2-6-11,

NOTE: Please provide calculation in Comment areas or on the back (if on the back please indicate in comment areas).

Field Information	YES	NO	NA	COMMENTS
a) Sampling dates noted?	☒	☐	☐	• pH, Conductivity, Temperature, dissolved oxygen, ORP, Turbidity
b) Sampling team indicated?	☐	☒	☐	
c) Sample location noted?	☒	☐	☐	
d) Sample depth indicated (Soils)?	☐	☐	☒	
e) Sample type indicated (grab/composite)?	☐	☐	☒	• SLMW-BLANK-6-11 sent 1 liter w/ No preservative
f) Field QC noted?	☒	☐	☐	
g) Field parameters collected (note types)?	☒	☐	☐	• SLMW-1R-6-11 ≃ SLMW-11R-6-11
h) Field Calibration within control limits?	☒	☐	☐	
i) Notations of unacceptable field conditions/performances from field logs or field notes?	☒	☐	☐	
j) Does the laboratory narrative indicate deficiencies:	☒	☐	☐	

Note Deficiencies:

Chain-of-Custody (COC)	YES	NO	NA	COMMENTS
k) Was the COC properly completed?	☒	☐	☐	
l) Was the COC signed by both field and laboratory personnel?	☒	☐	☐	
m) Were samples received in good condition?	☒	☐	☐	

General (Reference QAPP or Method)	YES	NO	NA	COMMENTS
a) Were hold times met for sample pretreatment?	☒	☐	☐	• Preservatives in 1 Litre bottle for Blank was Not used b/c ran out of bottles in Field.
b) Were hold times met for sample analysis?	☒	☐	☐	
c) Were the correct preservatives used?	☒	☐	☐	
d) Was the correct method used?	☐	☐	☐	
e) Were appropriate reporting limits achieved?	☐	☐	☐	• 5.0x dilution factor for Nitrate analysis
f) Were any sample dilutions noted?	☐	☐	☐	
g) Were any matrix problems noted?	☐	☐	☐	

Blanks	YES	NO	NA	COMMENTS
a) Were analytes detected in the method blank(s)?	☒	☐	☐	• Methylene Chloride detected in Method Blank - 3.36J
b) Were analytes detected in the field blank(s)?	☒	☐	☐	
c) Were analytes detected in the equipment blank(s)?	☐	☐	☒	• Detections from field blanks were all "J" flagged
d) Were analytes detected in the trip blank(s)?	☐	☒	☐	

Laboratory Control Sample (LCS)	YES	NO	NA	COMMENTS
a) Was a LCS analyzed once per SDG?	☒	☐	☐	
b) Were the proper compounds included in the LCS?	☒	☐	☐	
c) Was the LCS accuracy criteria met?	☒	☐	☐	

Duplicates	YES	NO	NA	COMMENTS
a) Were field duplicates collected (note original and duplicate sample names)?	☐	☒	☐	LCS = LCSD
b) Were field dup. precision criteria met (note RPD)?	☐	☐	☒	
c) Were lab duplicates analyzed (note original and duplicate samples)?	☒	☐	☐	
d) Were lab dup. precision criteria met (note RPD)?	☒	☐	☐	

Blind Standards	YES	NO	NA	COMMENTS
a) Was a blind standard used (indicate name, compounds included and concentrations)?	☐	☒	☐	
b) Was the %D within control limits?	☐	☐	☒	

Matrix Spike/Matrix Spike Duplicate (MS/MSD)	YES	NO	NA	COMMENTS
a) Was MS accuracy criteria met?	☒	☐	☐	
b) Recovery could not be calculated since sample contained high concentration of analyte?	☐	☐	☒	
c) Was MSD accuracy criteria met?	☒	☐	☐	
Recovery could not be calculated since sample contained high concentration of analyte?	☐	☐	☒	
d) Were MS/MSD precision criteria met?	☒	☐	☐	

Reagent Water Spike and Duplicate (RWS & RWSD)	YES	NO	NA	COMMENTS
a) Was RWS accuracy criteria met?	☐	☒	☐	
b) Was RWSD accuracy criteria met?	☐	☐	☒	
c) Was RWS/RWSD precision criteria met (RPD)?	☐	☐	☒	

Surrogate Spikes	YES	NO	NA	COMMENTS
a) Were surrogate recoveries within control limits?	☐	☒	☐	See Comments
b) Were surrogate recoveries not calculated due to dilutions?	☐	☒	☐	

Comments/Notes:

- Method 8081B/8082A - SLMW 7, 8, 9, Blank + SLSW 1 + 2 contained an allowable # of surrogate compounds outside of control limits. Re-extraction ~~&~~ re-analysis was performed w/ concurring results. The original analysis was reported

- The Relative Percent Difference between primary + confirmation column exceeded 40% for 2,4-Dichlorophenylacetic acid for, LCS, MB, SLMW-1R, 7, 8, 9, Blank, SLSW-1, + 2. The lower values have been reported.

Data Qualification:

Sample Name	Constituent(s)	Result	Qualifier	Reason

Signature: _____ Date: _____

QA LEVEL II - DATA EVALUATION CHECKLIST

Company Name: USACE
Project Name: LONGSTREET LANDFILL
Reviewer: F. Burwell

Project Manager: Z. Kidwai
Project Number: 680-69677-1
Validation Date: 8/15/2011

Laboratory: Test America
SDG #:
Analytical Method (type and no.): 8270D, 8081B/8082A, 8141B, 8151A, 6020A, 7470A, 300, 9012B, 9034
Matrix: ☐ Air ☐ Soil/Sed. ☑ Water ☐ Waste ☐
Sample Names
SLMW-12AR-6-11

NOTE: Please provide calculation in Comment areas or on the back (if on the back please indicate in comment areas).

Field Information	YES	NO	NA	COMMENTS
a) Sampling dates noted?	☒	☐	☐	pH, Conductivity, Temperature,
b) Sampling team indicated?	☐	☒	☐	dissolved Oxygen, Oxidative
c) Sample location noted?	☒	☐	☐	Reduction Potential, Turbidity
d) Sample depth indicated (Soils)?	☐	☐	☒	
e) Sample type indicated (grab/composite)?	☐	☐	☒	
f) Field QC noted?	☒	☐	☐	
g) Field parameters collected (note types)?	☒	☐	☐	
h) Field Calibration within control limits?	☒	☐	☐	
i) Notations of unacceptable field conditions/performances from field logs or field notes?	☐	☒	☐	
j) Does the laboratory narrative indicate deficiencies:	☐	☒	☐	

Note Deficiencies:

Chain-of-Custody (COC)	YES	NO	NA	COMMENTS
k) Was the COC properly completed?	☒	☐	☐	
l) Was the COC signed by both field and laboratory personnel?	☒	☐	☐	
m) Were samples received in good condition?	☒	☐	☐	

General (Reference QAPP or Method)	YES	NO	NA	COMMENTS
a) Were hold times met for sample pretreatment?	☒	☐	☐	5.0x dilution noted
b) Were hold times met for sample analysis?	☒	☐	☐	for Nitrate as N
c) Were the correct preservatives used?	☒	☐	☐	analysis
d) Was the correct method used?	☒	☐	☐	
e) Were appropriate reporting limits achieved?	☒	☐	☐	
f) Were any sample dilutions noted?	☒	☐	☐	
g) Were any matrix problems noted?	☐	☒	☐	

Blanks	YES	NO	NA	COMMENTS
a) Were analytes detected in the method blank(s)?	☐	☐	☒	
b) Were analytes detected in the field blank(s)?	☐	☐	☒	
c) Were analytes detected in the equipment blank(s)?	☐	☐	☒	
d) Were analytes detected in the trip blank(s)?	☐	☐	☒	

Laboratory Control Sample (LCS)	YES	NO	NA	COMMENTS
a) Was a LCS analyzed once per SDG?	☒	☐	☐	
b) Were the proper compounds included in the LCS?	☒	☐	☐	
c) Was the LCS accuracy criteria met?	☒	☐	☐	

Duplicates	YES	NO	NA	COMMENTS
a) Were field duplicates collected (note original and duplicate sample names)?	☐	☐	☒	
b) Were field dup. precision criteria met (note RPD)?	☐	☐	☒	
c) Were lab duplicates analyzed (note original and duplicate samples)?	☐	☐	☒	
d) Were lab dup. precision criteria met (note RPD)?	☐	☐	☒	

Blind Standards	YES	NO	NA	COMMENTS
a) Was a blind standard used (indicate name, compounds included and concentrations)?	☐	☒	☐	
b) Was the %D within control limits?	☐	☒	☐	

Matrix Spike/Matrix Spike Duplicate (MS/MSD)	YES	NO	NA	COMMENTS
a) Was MS accuracy criteria met?	☒	☐	☐	
b) Recovery could not be calculated since sample contained high concentration of analyte?	☐	☐	☒	
c) Was MSD accuracy criteria met?	☒	☐	☐	
Recovery could not be calculated since sample contained high concentration of analyte?	☐	☐	☒	
d) Were MS/MSD precision criteria met?	☒	☐	☐	

Reagent Water Spike and Duplicate (RWS & RWSD)	YES	NO	NA	COMMENTS
a) Was RWS accuracy criteria met?	☐	☒	☐	
b) Was RWSD accuracy criteria met?	☐	☒	☐	
c) Was RWS/RWSD precision criteria met (RPD)?	☐	☒	☐	

Surrogate Spikes	YES	NO	NA	COMMENTS
a) Were surrogate recoveries within control limits?	☐	☒	☐	~~This analysis~~
b) Were surrogate recoveries not calculated due to dilutions?	☐	☐	☒	Two surrogates were performed for this analysis. one surrogate was outside of acceptable limits however →

Comments/Notes:

lab protocal allows one surrogate to be outside of acceptable limits

Data Qualification:

Sample Name	Constituent(s)	Result	Qualifier	Reason

Signature: _____ Date: _____

QA LEVEL II - DATA EVALUATION CHECKLIST

Company Name: USACE
Project Name: Longstreet Landfill
Reviewer: F. Burwell

Project Manager: Z. Kidwai
Project Number: 680-69744-1
Validation Date: 8/11/2011

Laboratory: Test America

SDG #:

Analytical Method (type and no.):

Matrix: ☐ Air ☐ Soil/Sed. ☐ Water ☐ Waste ☐ 8270D, 8081/8082, 8141B, 8151A, 6020A, 7470A, 300, 9021B, 9034

Sample Names
SLMW-12BR-6-11, SLMW-06-6-11, SLMW-DUP-6-11, SLMW-13-6-11

NOTE: Please provide calculation in Comment areas or on the back (if on the back please indicate in comment areas).

Field Information	YES	NO	NA	COMMENTS
a) Sampling dates noted?	☒	☐	☐	pH, Conductivity, Temperature,
b) Sampling team indicated?	☐	☒	☐	dissolved Oxygen, ORP, Turbidity
c) Sample location noted?	☒	☐	☐	
d) Sample depth indicated (Soils)?	☐	☐	☒	
e) Sample type indicated (grab/composite)?	☐	☐	☒	
f) Field QC noted?	☒	☐	☐	
g) Field parameters collected (note types)?	☒	☐	☐	
h) Field Calibration within control limits?	☒	☐	☐	
i) Notations of unacceptable field conditions/performances from field logs or field notes?	☐	☒	☐	
j) Does the laboratory narrative indicate deficiencies:	☐	☒	☐	

Note Deficiencies:

Chain-of-Custody (COC)	YES	NO	NA	COMMENTS
k) Was the COC properly completed?	☒	☐	☐	
l) Was the COC signed by both field and laboratory personnel?	☒	☐	☐	
m) Were samples received in good condition?	☒	☐	☐	

General (Reference QAPP or Method)	YES	NO	NA	COMMENTS
a) Were hold times met for sample pretreatment?	☒	☐	☐	5.0x dilution done for
b) Were hold times met for sample analysis?	☒	☐	☐	Nitrate Method 300.0
c) Were the correct preservatives used?	☒	☐	☐	test.
d) Was the correct method used?	☒	☐	☐	
e) Were appropriate reporting limits achieved?	☒	☐	☐	
f) Were any sample dilutions noted?	☒	☐	☐	
g) Were any matrix problems noted?	☐	☒	☐	

Blanks	YES	NO	NA	COMMENTS
a) Were analytes detected in the method blank(s)?	☐	☒	☐	
b) Were analytes detected in the field blank(s)?	☐	☒	☐	
c) Were analytes detected in the equipment blank(s)?	☐	☒	☐	
d) Were analytes detected in the trip blank(s)?	☐	☒	☐	

Laboratory Control Sample (LCS)	YES	NO	NA	COMMENTS
a) Was a LCS analyzed once per SDG?	☒	☐	☐	LCS exceeded control limits for
b) Were the proper compounds included in the LCS?	☒	☐	☐	Selenium. Se was biased high in LCS
c) Was the LCS accuracy criteria met?	☐	☐	☐	+ were not detected in associated samples.

Duplicates	YES	NO	NA	COMMENTS
a) Were field duplicates collected (note original and duplicate sample names)?	☒	☐	☐	SLMW-6-6-11 = SLMW-DUP1-6-1
b) Were field dup. precision criteria met (note RPD)?	☒	☐	☐	
c) Were lab duplicates analyzed (note original and duplicate samples)?	☒	☐	☐	
d) Were lab dup. precision criteria met (note RPD)?	☒	☐	☐	

Blind Standards	YES	NO	NA	COMMENTS
a) Was a blind standard used (indicate name, compounds included and concentrations)?	☐	☒	☐	
b) Was the %D within control limits?	☐	☐	☒	

Matrix Spike/Matrix Spike Duplicate (MS/MSD)	YES	NO	NA	COMMENTS
a) Was MS accuracy criteria met?	☒	☐	☐	
b) Recovery could not be calculated since sample contained high concentration of analyte?	☐	☐	☒	
c) Was MSD accuracy criteria met?	☒	☐	☐	
Recovery could not be calculated since sample contained high concentration of analyte?	☐	☐	☒	
d) Were MS/MSD precision criteria met?	☒	☐	☐	

Reagent Water Spike and Duplicate (RWS & RWSD)	YES	NO	NA	COMMENTS
a) Was RWS accuracy criteria met?	☐	☒	☒	
b) Was RWSD accuracy criteria met?	☐	☐	☒	
c) Was RWS/RWSD precision criteria met (RPD)?	☐	☐	☒	

Surrogate Spikes	YES	NO	NA	COMMENTS
a) Were surrogate recoveries within control limits?	☒	☐	☐	
b) Were surrogate recoveries not calculated due to dilutions?	☐	☒	☐	

Comments/Notes:

Data Qualification:

Sample Name	Constituent(s)	Result	Qualifier	Reason

Signature: _____ Date: _____

QA LEVEL II - DATA EVALUATION CHECKLIST

Company Name: USACE
Project Name: LONGSTREET LANDFILL
Reviewer: F. Burwell

Project Manager: Z. Kidwai
Project Number: 680-69786-1
Validation Date: 8/11/2011

Laboratory: Test America
SDG #:
Analytical Method (type and no.):
Matrix: ☐ Air ☐ Soil/Sed. ☒ Water ☐ Waste ☐ 8260B, 8270D, 8081A, 8141B, 8151A, 6020A, 300, 9012B, 9034
Sample Names SLMW-13-6-11, SLMW-10-6-11, SLMW-11R-6-11, ~~SLMW-12AR6-11~~, SLMW-12AR-6-11, SLMW-12BR-6-11, SLMW-06-6-11, SLMW-DUP1-6-11

NOTE: Please provide calculation in Comment areas or on the back (if on the back please indicate in comment areas).

Field Information	YES	NO	NA	COMMENTS
a) Sampling dates noted?	☒	☐	☐	pH, Cond, Temp, DO, ORP, Turbidity
b) Sampling team indicated?	☐	☒	☐	
c) Sample location noted?	☒	☐	☐	
d) Sample depth indicated (Soils)?	☐	☐	☒	
e) Sample type indicated (grab/composite)?	☐	☐	☒	
f) Field QC noted?	☒	☐	☐	
g) Field parameters collected (note types)?	☒	☐	☐	
h) Field Calibration within control limits?	☒	☐	☐	
i) Notations of unacceptable field conditions/performances from field logs or field notes?	☐	☒	☐	
j) Does the laboratory narrative indicate deficiencies:	☐	☒	☐	

Note Deficiencies:

Chain-of-Custody (COC)	YES	NO	NA	COMMENTS
k) Was the COC properly completed?	☒	☐	☐	
l) Was the COC signed by both field and laboratory personnel?	☒	☐	☐	
m) Were samples received in good condition?	☒	☐	☐	

General (Reference QAPP or Method)	YES	NO	NA	COMMENTS
a) Were hold times met for sample pretreatment?	☒	☐	☐	• SLMW-11R-6-11, Antimony, Cadmium, + Lead Analyzed after specified time limit.
b) Were hold times met for sample analysis?		☒	☐	
c) Were the correct preservatives used?	☒	☐	☐	
d) Was the correct method used?	☒	☐	☐	
e) Were appropriate reporting limits achieved?	☒	☐	☐	• 5x dilution used ~~for~~ for
f) Were any sample dilutions noted?	☒	☐	☐	Nitrate as N analysis
g) Were any matrix problems noted?	☐	☒	☐	

Blanks	YES	NO	NA	COMMENTS
a) Were analytes detected in the method blank(s)?	☐	☒	☒	• Methylene Chloride, Dichlorodiflor
b) Were analytes detected in the field blank(s)?	☒	☐	☒	methane, Chloroform detected in
c) Were analytes detected in the equipment blank(s)?	☐	☐	☒	trip blank
d) Were analytes detected in the trip blank(s)?	☒	☐	☒	• Methylene Chloride detected in Trip Blank

Laboratory Control Sample (LCS)	YES	NO	NA	COMMENTS
a) Was a LCS analyzed once per SDG?	☒	☐	☐	SLMW-06 = SLMW-DUP1
b) Were the proper compounds included in the LCS?	☒	☐	☐	
c) Was the LCS accuracy criteria met?	☒	☐	☐	

Duplicates	YES	NO	NA	COMMENTS
a) Were field duplicates collected (note original and duplicate sample names)?	☒	☐	☐	
b) Were field dup. precision criteria met (note RPD)?	☒	☐	☐	
c) Were lab duplicates analyzed (note original and duplicate samples)?	☐	☒	☐	
d) Were lab dup. precision criteria met (note RPD)?	☐	☐	☒	

Blind Standards	YES	NO	NA	COMMENTS
a) Was a blind standard used (indicate name, compounds included and concentrations)?	☐	☒	☐	
b) Was the %D within control limits?	☐	☒	☐	

Matrix Spike/Matrix Spike Duplicate (MS/MSD)	YES	NO	NA	COMMENTS
a) Was MS accuracy criteria met?	☒	☐	☐	
b) Recovery could not be calculated since sample contained high concentration of analyte?	☐	☐	☒	
c) Was MSD accuracy criteria met?	☒	☐	☐	
Recovery could not be calculated since sample contained high concentration of analyte?	☐	☐	☒	
d) Were MS/MSD precision criteria met?	☒	☐	☐	

Reagent Water Spike and Duplicate (RWS & RWSD)	YES	NO	NA	COMMENTS
a) Was RWS accuracy criteria met?	☐	☒	☒	
b) Was RWSD accuracy criteria met?	☐	☐	☒	
c) Was RWS/RWSD precision criteria met (RPD)?	☐	☐	☒	

Surrogate Spikes	YES	NO	NA	COMMENTS
a) Were surrogate recoveries within control limits?	☒	☐	☐	
b) Were surrogate recoveries not calculated due to dilutions?	☐	☒	☐	

Comments/Notes:

Data Qualification:

Sample Name	Constituent(s)	Result	Qualifier	Reason

Signature: _____ Date: _____

APPENDIX C

CHAIN OF CUSTODY AND LABORATORY ANALYTICAL REPORTS

(Electronic Only)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

TestAmerica Job ID: 680-69786-1
Client Project/Site: Ft. Bragg Longstreet Landfill

For:
U.S. Army Corps of Engineers
PO BOX 889
Savannah, Georgia 31402-0889

Attn: Mr. Kevin Haborak

Kathryn Smith

Authorized for release by:
07/25/2011 01:55:01 PM

Kathryn Smith
Project Manager I
kathye.smith@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

Results relate only to the items tested and the sample(s) as received by the laboratory. The test results in this report meet all 2003 NELAC requirements for accredited parameters, exceptions are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Job ID: 680-69786-1

Laboratory: TestAmerica Savannah

Narrative

Job Narrative
680-69786-1

Comments
No additional comments.

Receipt
TestAmerica Savannah received only two amber liters for SLMW-13-6-11 (680-69786-1) which were labeled for 8270 and 8081/8082 analysis.

All other samples were received in good condition within temperature requirements.

GC/MS VOA
Method(s) 8260B: The trip blank associated with these samples contained a detection above 1/2 reporting limit (RL) following analyte: Methylene Chloride. This compound, a common lab contaminate, is present in the method blank at a similar concentration.

Method(s) 8260B: The method blank for batches 207677, 207792, 207862 contained methylene chloride above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

GC/MS Semi VOA
No analytical or quality issues were noted.

GC Semi VOA
Method(s) 8081B/8082A: Two surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: SLMW-13-6-11 (680-69786-1). These results have been reported and qualified.

Method(s) 8081B/8082A: Surrogate recovery for the following sample(s) was outside control limits: SLMW-13-6-11 (680-69786-1), (680-69786-2 MS), (680-69786-2 MSD), SLMW-10-6-11 (680-69786-2). Re-extraction and/or re-analysis was performed with concurring results. The original analysis has been reported.

No other analytical or quality issues were noted.

Metals
Method(s) 6020A: The following sample(s) was re-prepared outside of preparation holding time for the analytes Cadmium, Lead and Antimony : SLMW-10-6-11 (680-69786-2), SLMW-11R-6-11 (680-69786-3).

No other analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Sample Summary

Client: U.S. Army Corps of Engineers
Project/Site: Ft. Bragg Longstreet Landfill

TestAmerica Job ID: 680-69786-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-69786-1	SLMW-13-6-11	Water	06/23/11 15:35	06/25/11 10:15
680-69786-2	SLMW-10-6-11	Water	06/24/11 16:25	06/25/11 10:15
680-69786-3	SLMW-11R-6-11	Water	06/24/11 17:45	06/25/11 10:15
680-69786-4	SLMW-12AR-6-11	Water	06/22/11 13:15	06/25/11 10:15
680-69786-5	SLMW-12BR-6-11	Water	06/23/11 09:08	06/25/11 10:15
680-69786-6	SLMW-06-6-11	Water	06/23/11 11:45	06/25/11 10:15
680-69786-7	SLMW-DUP1-6-11	Water	06/23/11 15:30	06/25/11 10:15
680-69786-8	SLMW-13-6-11	Water	06/23/11 15:35	06/25/11 10:15
680-69786-9	SLMW-10-6-11	Water	06/24/11 16:25	06/25/11 10:15
680-69786-10	SLMW-11R-6-11	Water	06/24/11 17:45	06/25/11 10:15
680-69786-11	Trip Blank	Water	06/24/11 00:00	06/25/11 10:15

Method Summary

Client: U.S. Army Corps of Engineers
Project/Site: Ft. Bragg Longstreet Landfill

TestAmerica Job ID: 680-69786-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL SAV
8081B/8082A	Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography	SW846	TAL SAV
8141B	Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique	SW846	TAL SAV
8151A	Herbicides (GC)	SW846	TAL SAV
6020A	Metals (ICP/MS)	SW846	TAL SAV
300.0	Anions, Ion Chromatography	MCAWW	TAL SAV
9012B	Cyanide, Total andor Amenable	SW846	TAL SAV
9034	Sulfide, Acid Soluble and Insoluble (Titrimetric)	SW846	TAL SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Blank contamination: The analyte was detected above one-half the reporting limit in an associated blank.
J	Estimated: The analyte was positively identified; the quantitation is an estimation
J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
Q	One or more quality control criteria failed.
U	Undetected at the Limit of Detection.

GC/MS Semi VOA

Qualifier	Qualifier Description
M	Manual integrated compound.
Q	One or more quality control criteria failed.
U	Undetected at the Limit of Detection.

GC Semi VOA

Qualifier	Qualifier Description
J	Estimated: The analyte was positively identified; the quantitation is an estimation
J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
M	Manual integrated compound.
U	Undetected at the Limit of Detection.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
H	Sample was prepped or analyzed beyond the specified holding time
J	Estimated: The analyte was positively identified; the quantitation is an estimation
J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
U	Undetected at the Limit of Detection.

General Chemistry

Qualifier	Qualifier Description
J	Estimated: The analyte was positively identified; the quantitation is an estimation
M	Manual integrated compound.
U	Undetected at the Limit of Detection.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

Client Sample ID: SLMW-13-6-11

Lab Sample ID: 680-69786-1

Date Collected: 06/23/11 15:35

Matrix: Water

Date Received: 06/25/11 10:15

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.73	U	9.6	0.73	ug/L		06/29/11 14:40	07/13/11 21:33	1
Acenaphthylene	0.81	U	9.6	0.81	ug/L		06/29/11 14:40	07/13/11 21:33	1
Acetophenone	0.55	U	9.6	0.55	ug/L		06/29/11 14:40	07/13/11 21:33	1
2-Acetylaminofluorene	1.5	U	9.6	1.5	ug/L		06/29/11 14:40	07/13/11 21:33	1
4-Aminobiphenyl	1.1	U	9.6	1.1	ug/L		06/29/11 14:40	07/13/11 21:33	1
Anthracene	0.66	U	9.6	0.66	ug/L		06/29/11 14:40	07/13/11 21:33	1
Benzo[a]anthracene	0.53	U	9.6	0.53	ug/L		06/29/11 14:40	07/13/11 21:33	1
Benzo[a]pyrene	0.68	U	9.6	0.68	ug/L		06/29/11 14:40	07/13/11 21:33	1
Benzo[b]fluoranthene	2.5	U	9.6	2.5	ug/L		06/29/11 14:40	07/13/11 21:33	1
Benzo[g,h,i]perylene	0.83	U	9.6	0.83	ug/L		06/29/11 14:40	07/13/11 21:33	1
Benzo[k]fluoranthene	1.1	U	9.6	1.1	ug/L		06/29/11 14:40	07/13/11 21:33	1
Benzyl alcohol	1.1	U	9.6	1.1	ug/L		06/29/11 14:40	07/13/11 21:33	1
1,1'-Biphenyl	0.56	U	9.6	0.56	ug/L		06/29/11 14:40	07/13/11 21:33	1
Bis(2-chloroethoxy)methane	0.90	U	9.6	0.90	ug/L		06/29/11 14:40	07/13/11 21:33	1
Bis(2-chloroethyl)ether	1.1	U	9.6	1.1	ug/L		06/29/11 14:40	07/13/11 21:33	1
bis(chloroisopropyl) ether	0.75	U	9.6	0.75	ug/L		06/29/11 14:40	07/13/11 21:33	1
Bis(2-ethylhexyl) phthalate	1.5	U	9.6	1.5	ug/L		06/29/11 14:40	07/13/11 21:33	1
4-Bromophenyl phenyl ether	0.74	U	9.6	0.74	ug/L		06/29/11 14:40	07/13/11 21:33	1
Butyl benzyl phthalate	1.1	U	9.6	1.1	ug/L		06/29/11 14:40	07/13/11 21:33	1
4-Chloroaniline	2.1	U	19	2.1	ug/L		06/29/11 14:40	07/13/11 21:33	1
4-Chloro-3-methylphenol	0.96	U	9.6	0.96	ug/L		06/29/11 14:40	07/13/11 21:33	1
2-Chloronaphthalene	0.77	U	9.6	0.77	ug/L		06/29/11 14:40	07/13/11 21:33	1
2-Chlorophenol	0.83	U	9.6	0.83	ug/L		06/29/11 14:40	07/13/11 21:33	1
4-Chlorophenyl phenyl ether	0.80	U	9.6	0.80	ug/L		06/29/11 14:40	07/13/11 21:33	1
Chrysene	0.49	U	9.6	0.49	ug/L		06/29/11 14:40	07/13/11 21:33	1
Diallate	0.75	U	9.6	0.75	ug/L		06/29/11 14:40	07/13/11 21:33	1
Dibenz(a,h)anthracene	0.96	U	9.6	0.96	ug/L		06/29/11 14:40	07/13/11 21:33	1
Dibenzofuran	0.76	U	9.6	0.76	ug/L		06/29/11 14:40	07/13/11 21:33	1
3,3'-Dichlorobenzidine	29	U	57	29	ug/L		06/29/11 14:40	07/13/11 21:33	1
2,4-Dichlorophenol	1.1	U	9.6	1.1	ug/L		06/29/11 14:40	07/13/11 21:33	1
2,6-Dichlorophenol	0.70	U	9.6	0.70	ug/L		06/29/11 14:40	07/13/11 21:33	1
Diethyl phthalate	0.84	U	9.6	0.84	ug/L		06/29/11 14:40	07/13/11 21:33	1
Dimethoate	0.72	U	9.6	0.72	ug/L		06/29/11 14:40	07/13/11 21:33	1
7,12-Dimethylbenz(a)anthracene	1.1	U	9.6	1.1	ug/L		06/29/11 14:40	07/13/11 21:33	1
3,3'-Dimethylbenzidine	9.6	U	19	9.6	ug/L		06/29/11 14:40	07/13/11 21:33	1
2,4-Dimethylphenol	3.8	U	9.6	3.8	ug/L		06/29/11 14:40	07/13/11 21:33	1
Dimethyl phthalate	0.95	U	9.6	0.95	ug/L		06/29/11 14:40	07/13/11 21:33	1
Di-n-butyl phthalate	0.79	U	9.6	0.79	ug/L		06/29/11 14:40	07/13/11 21:33	1
1,3-Dinitrobenzene	0.57	U	9.6	0.57	ug/L		06/29/11 14:40	07/13/11 21:33	1
4,6-Dinitro-2-methylphenol	9.6	U	48	9.6	ug/L		06/29/11 14:40	07/13/11 21:33	1
2,4-Dinitrophenol	9.6	U	48	9.6	ug/L		06/29/11 14:40	07/13/11 21:33	1
2,4-Dinitrotoluene	1.1	U	9.6	1.1	ug/L		06/29/11 14:40	07/13/11 21:33	1
2,6-Dinitrotoluene	1.1	U	9.6	1.1	ug/L		06/29/11 14:40	07/13/11 21:33	1
Di-n-octyl phthalate	1.3	U	9.6	1.3	ug/L		06/29/11 14:40	07/13/11 21:33	1
Dinoseb	4.8	U	9.6	4.8	ug/L		06/29/11 14:40	07/13/11 21:33	1
1,4-Dioxane	3.3	U	9.6	3.3	ug/L		06/29/11 14:40	07/13/11 21:33	1
Disulfoton	0.76	U	9.6	0.76	ug/L		06/29/11 14:40	07/13/11 21:33	1
Ethyl methanesulfonate	0.92	U	9.6	0.92	ug/L		06/29/11 14:40	07/13/11 21:33	1
Ethyl Parathion	1.2	U	9.6	1.2	ug/L		06/29/11 14:40	07/13/11 21:33	1
Famphur	1.1	U Q	9.6	1.1	ug/L		06/29/11 14:40	07/13/11 21:33	1

Client Sample ID: SLMW-13-6-11

Lab Sample ID: 680-69786-1

Date Collected: 06/23/11 15:35

Matrix: Water

Date Received: 06/25/11 10:15

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	0.71	U	9.6	0.71	ug/L		06/29/11 14:40	07/13/11 21:33	1
Fluorene	0.92	U	9.6	0.92	ug/L		06/29/11 14:40	07/13/11 21:33	1
Hexachlorobenzene	0.76	U	9.6	0.76	ug/L		06/29/11 14:40	07/13/11 21:33	1
Hexachlorobutadiene	0.59	U	9.6	0.59	ug/L		06/29/11 14:40	07/13/11 21:33	1
Hexachlorocyclopentadiene	2.4	U	9.6	2.4	ug/L		06/29/11 14:40	07/13/11 21:33	1
Hexachloroethane	0.73	U	9.6	0.73	ug/L		06/29/11 14:40	07/13/11 21:33	1
Hexachloropropene	1.3	U	9.6	1.3	ug/L		06/29/11 14:40	07/13/11 21:33	1
Indeno[1,2,3-cd]pyrene	0.96	U	9.6	0.96	ug/L		06/29/11 14:40	07/13/11 21:33	1
Isophorone	0.86	U	9.6	0.86	ug/L		06/29/11 14:40	07/13/11 21:33	1
Isosafrole	0.48	U	9.6	0.48	ug/L		06/29/11 14:40	07/13/11 21:33	1
Methapyrilene	2.6	U	1900	2.6	ug/L		06/29/11 14:40	07/13/11 21:33	1
3-Methylcholanthrene	1.3	U	9.6	1.3	ug/L		06/29/11 14:40	07/13/11 21:33	1
Methyl methanesulfonate	0.57	U	9.6	0.57	ug/L		06/29/11 14:40	07/13/11 21:33	1
2-Methylnaphthalene	0.75	U	9.6	0.75	ug/L		06/29/11 14:40	07/13/11 21:33	1
Methyl parathion	0.84	U	9.6	0.84	ug/L		06/29/11 14:40	07/13/11 21:33	1
2-Methylphenol	0.85	U	9.6	0.85	ug/L		06/29/11 14:40	07/13/11 21:33	1
3 & 4 Methylphenol	1.2	U	9.6	1.2	ug/L		06/29/11 14:40	07/13/11 21:33	1
Naphthalene	0.67	U	9.6	0.67	ug/L		06/29/11 14:40	07/13/11 21:33	1
1,4-Naphthoquinone	0.59	U	9.6	0.59	ug/L		06/29/11 14:40	07/13/11 21:33	1
1-Naphthylamine	1.1	U	9.6	1.1	ug/L		06/29/11 14:40	07/13/11 21:33	1
2-Naphthylamine	1.4	U	9.6	1.4	ug/L		06/29/11 14:40	07/13/11 21:33	1
2-Nitroaniline	1.2	U	48	1.2	ug/L		06/29/11 14:40	07/13/11 21:33	1
3-Nitroaniline	4.8	U	48	4.8	ug/L		06/29/11 14:40	07/13/11 21:33	1
4-Nitroaniline	4.8	U	48	4.8	ug/L		06/29/11 14:40	07/13/11 21:33	1
Nitrobenzene	0.70	U	9.6	0.70	ug/L		06/29/11 14:40	07/13/11 21:33	1
2-Nitrophenol	0.73	U	9.6	0.73	ug/L		06/29/11 14:40	07/13/11 21:33	1
4-Nitrophenol	1.8	U	48	1.8	ug/L		06/29/11 14:40	07/13/11 21:33	1
N-Nitro-o-toluidine	1.4	U	9.6	1.4	ug/L		06/29/11 14:40	07/13/11 21:33	1
N-Nitrosodiethylamine	0.89	U	9.6	0.89	ug/L		06/29/11 14:40	07/13/11 21:33	1
N-Nitrosodimethylamine	2.7	U	9.6	2.7	ug/L		06/29/11 14:40	07/13/11 21:33	1
N-Nitrosodi-n-butylamine	0.92	U	9.6	0.92	ug/L		06/29/11 14:40	07/13/11 21:33	1
N-Nitrosodi-n-propylamine	0.69	U	9.6	0.69	ug/L		06/29/11 14:40	07/13/11 21:33	1
N-Nitrosodiphenylamine	0.88	U	9.6	0.88	ug/L		06/29/11 14:40	07/13/11 21:33	1
N-Nitrosomethylethylamine	3.2	U	9.6	3.2	ug/L		06/29/11 14:40	07/13/11 21:33	1
N-Nitrosopiperidine	0.84	U	9.6	0.84	ug/L		06/29/11 14:40	07/13/11 21:33	1
N-Nitrosopyrrolidine	0.96	U	9.6	0.96	ug/L		06/29/11 14:40	07/13/11 21:33	1
o,o',o''-Triethylphosphorothioate	0.96	U	9.6	0.96	ug/L		06/29/11 14:40	07/13/11 21:33	1
p-Dimethylamino azobenzene	0.76	U	9.6	0.76	ug/L		06/29/11 14:40	07/13/11 21:33	1
Pentachlorobenzene	0.50	U	9.6	0.50	ug/L		06/29/11 14:40	07/13/11 21:33	1
Pentachloronitrobenzene	0.75	U	9.6	0.75	ug/L		06/29/11 14:40	07/13/11 21:33	1
Pentachlorophenol	1.9	U	48	1.9	ug/L		06/29/11 14:40	07/13/11 21:33	1
Phenacetin	1.3	U	9.6	1.3	ug/L		06/29/11 14:40	07/13/11 21:33	1
Phenanthrene	0.74	U	9.6	0.74	ug/L		06/29/11 14:40	07/13/11 21:33	1
Phenol	0.79	U	9.6	0.79	ug/L		06/29/11 14:40	07/13/11 21:33	1
Phorate	0.83	U	9.6	0.83	ug/L		06/29/11 14:40	07/13/11 21:33	1
p-Phenylene diamine	9.6	U	1900	9.6	ug/L		06/29/11 14:40	07/13/11 21:33	1
Pronamide	0.85	U	9.6	0.85	ug/L		06/29/11 14:40	07/13/11 21:33	1
Pyrene	0.60	U	9.6	0.60	ug/L		06/29/11 14:40	07/13/11 21:33	1
Safrole, Total	0.77	U	9.6	0.77	ug/L		06/29/11 14:40	07/13/11 21:33	1
Sulfotepp	0.51	U	9.6	0.51	ug/L		06/29/11 14:40	07/13/11 21:33	1

Client Sample ID: SLMW-13-6-11

Date Collected: 06/23/11 15:35
Date Received: 06/25/11 10:15

Lab Sample ID: 680-69786-1

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	0.73	U	9.6	0.73	ug/L		06/29/11 14:40	07/13/11 21:33	1
2,3,4,6-Tetrachlorophenol	0.69	U	9.6	0.69	ug/L		06/29/11 14:40	07/13/11 21:33	1
Thionazin	0.87	U	9.6	0.87	ug/L		06/29/11 14:40	07/13/11 21:33	1
2-Toluidine	1.3	U	9.6	1.3	ug/L		06/29/11 14:40	07/13/11 21:33	1
2,4,5-Trichlorophenol	1.1	U	9.6	1.1	ug/L		06/29/11 14:40	07/13/11 21:33	1
2,4,6-Trichlorophenol	0.81	U	9.6	0.81	ug/L		06/29/11 14:40	07/13/11 21:33	1
1,3,5-Trinitrobenzene	1.9	U	9.6	1.9	ug/L		06/29/11 14:40	07/13/11 21:33	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*81*		*38 - 130*	*06/29/11 14:40*	*07/13/11 21:33*	*1*
2-Fluorophenol	*72*		*25 - 130*	*06/29/11 14:40*	*07/13/11 21:33*	*1*
Nitrobenzene-d5	*82*		*39 - 130*	*06/29/11 14:40*	*07/13/11 21:33*	*1*
Phenol-d5	*71*		*25 - 130*	*06/29/11 14:40*	*07/13/11 21:33*	*1*
Terphenyl-d14	*85*		*10 - 143*	*06/29/11 14:40*	*07/13/11 21:33*	*1*
2,4,6-Tribromophenol	*85*		*31 - 141*	*06/29/11 14:40*	*07/13/11 21:33*	*1*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0065	U	0.10	0.0065	ug/L		06/29/11 14:40	07/05/11 22:10	1
4,4'-DDE	0.0077	U	0.10	0.0077	ug/L		06/29/11 14:40	07/05/11 22:10	1
4,4'-DDT	0.0097	U	0.10	0.0097	ug/L		06/29/11 14:40	07/05/11 22:10	1
Aldrin	0.0070	U	0.050	0.0070	ug/L		06/29/11 14:40	07/05/11 22:10	1
alpha-BHC	0.0057	U	0.050	0.0057	ug/L		06/29/11 14:40	07/05/11 22:10	1
beta-BHC	0.0067	U	0.050	0.0067	ug/L		06/29/11 14:40	07/05/11 22:10	1
Chlordane (technical)	0.10	U	0.50	0.10	ug/L		06/29/11 14:40	07/05/11 22:10	1
Chlorobenzilate	0.50	U	0.50	0.50	ug/L		06/29/11 14:40	07/05/11 22:10	1
delta-BHC	0.0048	U	0.050	0.0048	ug/L		06/29/11 14:40	07/05/11 22:10	1
Dieldrin	0.0091	U	0.10	0.0091	ug/L		06/29/11 14:40	07/05/11 22:10	1
Endosulfan I	0.0042	U	0.050	0.0042	ug/L		06/29/11 14:40	07/05/11 22:10	1
Endosulfan II	0.0098	U	0.10	0.0098	ug/L		06/29/11 14:40	07/05/11 22:10	1
Endosulfan sulfate	0.0068	U	0.10	0.0068	ug/L		06/29/11 14:40	07/05/11 22:10	1
Endrin	0.0097	U	0.10	0.0097	ug/L		06/29/11 14:40	07/05/11 22:10	1
Endrin aldehyde	0.016	U	0.10	0.016	ug/L		06/29/11 14:40	07/05/11 22:10	1
gamma-BHC (Lindane)	0.0059	U	0.050	0.0059	ug/L		06/29/11 14:40	07/05/11 22:10	1
Heptachlor	0.0070	U	0.050	0.0070	ug/L		06/29/11 14:40	07/05/11 22:10	1
Heptachlor epoxide	0.0060	U	0.050	0.0060	ug/L		06/29/11 14:40	07/05/11 22:10	1
Isodrin	0.050	U	0.050	0.050	ug/L		06/29/11 14:40	07/05/11 22:10	1
Methoxychlor	0.013	U	0.10	0.013	ug/L		06/29/11 14:40	07/05/11 22:10	1
PCB-1016	0.071	U	1.0	0.071	ug/L		06/29/11 14:40	07/05/11 22:10	1
PCB-1221	0.28	U	2.0	0.28	ug/L		06/29/11 14:40	07/05/11 22:10	1
PCB-1232	0.11	U	1.0	0.11	ug/L		06/29/11 14:40	07/05/11 22:10	1
PCB-1242	0.18	U	1.0	0.18	ug/L		06/29/11 14:40	07/05/11 22:10	1
PCB-1248	0.36	U	1.0	0.36	ug/L		06/29/11 14:40	07/05/11 22:10	1
PCB-1254	0.26	U	1.0	0.26	ug/L		06/29/11 14:40	07/05/11 22:10	1
PCB-1260	0.20	U	1.0	0.20	ug/L		06/29/11 14:40	07/05/11 22:10	1
PCB-1262	0.24	U	1.0	0.24	ug/L		06/29/11 14:40	07/05/11 22:10	1
Toxaphene	0.50	U	5.0	0.50	ug/L		06/29/11 14:40	07/05/11 22:10	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*33*	*J*	*40 - 130*	*06/29/11 14:40*	*07/05/11 22:10*	*1*

Client Sample ID: SLMW-13-6-11

Lab Sample ID: 680-69786-1

Date Collected: 06/23/11 15:35
Matrix: Water
Date Received: 06/25/11 10:15

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	51		36 - 130	06/29/11 14:40	07/05/11 22:10	1

Client Sample ID: SLMW-10-6-11

Lab Sample ID: 680-69786-2

Date Collected: 06/24/11 16:25
Matrix: Water
Date Received: 06/25/11 10:15

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.72	U	9.5	0.72	ug/L		06/29/11 14:40	07/13/11 22:03	1
Acenaphthylene	0.81	U	9.5	0.81	ug/L		06/29/11 14:40	07/13/11 22:03	1
Acetophenone	0.54	U	9.5	0.54	ug/L		06/29/11 14:40	07/13/11 22:03	1
2-Acetylaminofluorene	1.5	U	9.5	1.5	ug/L		06/29/11 14:40	07/13/11 22:03	1
4-Aminobiphenyl	1.1	U	9.5	1.1	ug/L		06/29/11 14:40	07/13/11 22:03	1
Anthracene	0.66	U	9.5	0.66	ug/L		06/29/11 14:40	07/13/11 22:03	1
Benzo[a]anthracene	0.52	U	9.5	0.52	ug/L		06/29/11 14:40	07/13/11 22:03	1
Benzo[a]pyrene	0.67	U	9.5	0.67	ug/L		06/29/11 14:40	07/13/11 22:03	1
Benzo[b]fluoranthene	2.5	U	9.5	2.5	ug/L		06/29/11 14:40	07/13/11 22:03	1
Benzo[g,h,i]perylene	0.83	U	9.5	0.83	ug/L		06/29/11 14:40	07/13/11 22:03	1
Benzo[k]fluoranthene	1.1	U	9.5	1.1	ug/L		06/29/11 14:40	07/13/11 22:03	1
Benzyl alcohol	1.0	U	9.5	1.0	ug/L		06/29/11 14:40	07/13/11 22:03	1
1,1'-Biphenyl	0.55	U	9.5	0.55	ug/L		06/29/11 14:40	07/13/11 22:03	1
Bis(2-chloroethoxy)methane	0.89	U	9.5	0.89	ug/L		06/29/11 14:40	07/13/11 22:03	1
Bis(2-chloroethyl)ether	1.0	U	9.5	1.0	ug/L		06/29/11 14:40	07/13/11 22:03	1
bis(chloroisopropyl) ether	0.74	U	9.5	0.74	ug/L		06/29/11 14:40	07/13/11 22:03	1
Bis(2-ethylhexyl) phthalate	1.5	U	9.5	1.5	ug/L		06/29/11 14:40	07/13/11 22:03	1
4-Bromophenyl phenyl ether	0.73	U	9.5	0.73	ug/L		06/29/11 14:40	07/13/11 22:03	1
Butyl benzyl phthalate	1.1	U	9.5	1.1	ug/L		06/29/11 14:40	07/13/11 22:03	1
4-Chloroaniline	2.1	U	19	2.1	ug/L		06/29/11 14:40	07/13/11 22:03	1
4-Chloro-3-methylphenol	0.95	U	9.5	0.95	ug/L		06/29/11 14:40	07/13/11 22:03	1
2-Chloronaphthalene	0.76	U	9.5	0.76	ug/L		06/29/11 14:40	07/13/11 22:03	1
2-Chlorophenol	0.83	U	9.5	0.83	ug/L		06/29/11 14:40	07/13/11 22:03	1
4-Chlorophenyl phenyl ether	0.80	U	9.5	0.80	ug/L		06/29/11 14:40	07/13/11 22:03	1
Chrysene	0.48	U	9.5	0.48	ug/L		06/29/11 14:40	07/13/11 22:03	1
Diallate	0.74	U	9.5	0.74	ug/L		06/29/11 14:40	07/13/11 22:03	1
Dibenz(a,h)anthracene	0.95	U	9.5	0.95	ug/L		06/29/11 14:40	07/13/11 22:03	1
Dibenzofuran	0.75	U	9.5	0.75	ug/L		06/29/11 14:40	07/13/11 22:03	1
3,3'-Dichlorobenzidine	29	U	57	29	ug/L		06/29/11 14:40	07/13/11 22:03	1
2,4-Dichlorophenol	1.0	U	9.5	1.0	ug/L		06/29/11 14:40	07/13/11 22:03	1
2,6-Dichlorophenol	0.69	U	9.5	0.69	ug/L		06/29/11 14:40	07/13/11 22:03	1
Diethyl phthalate	0.84	U	9.5	0.84	ug/L		06/29/11 14:40	07/13/11 22:03	1
Dimethoate	0.71	U	9.5	0.71	ug/L		06/29/11 14:40	07/13/11 22:03	1
7,12-Dimethylbenz(a)anthracene	1.1	U	9.5	1.1	ug/L		06/29/11 14:40	07/13/11 22:03	1
3,3'-Dimethylbenzidine	9.5	U	19	9.5	ug/L		06/29/11 14:40	07/13/11 22:03	1
2,4-Dimethylphenol	3.8	U	9.5	3.8	ug/L		06/29/11 14:40	07/13/11 22:03	1
Dimethyl phthalate	0.94	U	9.5	0.94	ug/L		06/29/11 14:40	07/13/11 22:03	1
Di-n-butyl phthalate	0.79	U	9.5	0.79	ug/L		06/29/11 14:40	07/13/11 22:03	1
1,3-Dinitrobenzene	0.57	U	9.5	0.57	ug/L		06/29/11 14:40	07/13/11 22:03	1
4,6-Dinitro-2-methylphenol	9.5	U	48	9.5	ug/L		06/29/11 14:40	07/13/11 22:03	1

Client Sample ID: SLMW-10-6-11

Lab Sample ID: 680-69786-2

Date Collected: 06/24/11 16:25

Matrix: Water

Date Received: 06/25/11 10:15

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	9.5	U	48	9.5	ug/L		06/29/11 14:40	07/13/11 22:03	1
2,4-Dinitrotoluene	1.1	U	9.5	1.1	ug/L		06/29/11 14:40	07/13/11 22:03	1
2,6-Dinitrotoluene	1.0	U	9.5	1.0	ug/L		06/29/11 14:40	07/13/11 22:03	1
Di-n-octyl phthalate	1.3	U	9.5	1.3	ug/L		06/29/11 14:40	07/13/11 22:03	1
Dinoseb	4.8	U	9.5	4.8	ug/L		06/29/11 14:40	07/13/11 22:03	1
1,4-Dioxane	**12**	**M**	9.5	3.2	ug/L		06/29/11 14:40	07/13/11 22:03	1
Disulfoton	0.75	U	9.5	0.75	ug/L		06/29/11 14:40	07/13/11 22:03	1
Ethyl methanesulfonate	0.91	U	9.5	0.91	ug/L		06/29/11 14:40	07/13/11 22:03	1
Ethyl Parathion	1.2	U	9.5	1.2	ug/L		06/29/11 14:40	07/13/11 22:03	1
Famphur	1.0	U Q	9.5	1.0	ug/L		06/29/11 14:40	07/13/11 22:03	1
Fluoranthene	0.70	U	9.5	0.70	ug/L		06/29/11 14:40	07/13/11 22:03	1
Fluorene	0.91	U	9.5	0.91	ug/L		06/29/11 14:40	07/13/11 22:03	1
Hexachlorobenzene	0.75	U	9.5	0.75	ug/L		06/29/11 14:40	07/13/11 22:03	1
Hexachlorobutadiene	0.59	U	9.5	0.59	ug/L		06/29/11 14:40	07/13/11 22:03	1
Hexachlorocyclopentadiene	2.4	U	9.5	2.4	ug/L		06/29/11 14:40	07/13/11 22:03	1
Hexachloroethane	0.72	U	9.5	0.72	ug/L		06/29/11 14:40	07/13/11 22:03	1
Hexachloropropene	1.3	U	9.5	1.3	ug/L		06/29/11 14:40	07/13/11 22:03	1
Indeno[1,2,3-cd]pyrene	0.95	U	9.5	0.95	ug/L		06/29/11 14:40	07/13/11 22:03	1
Isophorone	0.86	U	9.5	0.86	ug/L		06/29/11 14:40	07/13/11 22:03	1
Isosafrole	0.48	U	9.5	0.48	ug/L		06/29/11 14:40	07/13/11 22:03	1
Methapyrilene	2.6	U	1900	2.6	ug/L		06/29/11 14:40	07/13/11 22:03	1
3-Methylcholanthrene	1.3	U	9.5	1.3	ug/L		06/29/11 14:40	07/13/11 22:03	1
Methyl methanesulfonate	0.57	U	9.5	0.57	ug/L		06/29/11 14:40	07/13/11 22:03	1
2-Methylnaphthalene	0.74	U	9.5	0.74	ug/L		06/29/11 14:40	07/13/11 22:03	1
Methyl parathion	0.84	U	9.5	0.84	ug/L		06/29/11 14:40	07/13/11 22:03	1
2-Methylphenol	0.85	U	9.5	0.85	ug/L		06/29/11 14:40	07/13/11 22:03	1
3 & 4 Methylphenol	1.2	U	9.5	1.2	ug/L		06/29/11 14:40	07/13/11 22:03	1
Naphthalene	0.67	U	9.5	0.67	ug/L		06/29/11 14:40	07/13/11 22:03	1
1,4-Naphthoquinone	0.59	U	9.5	0.59	ug/L		06/29/11 14:40	07/13/11 22:03	1
1-Naphthylamine	1.0	U	9.5	1.0	ug/L		06/29/11 14:40	07/13/11 22:03	1
2-Naphthylamine	1.4	U	9.5	1.4	ug/L		06/29/11 14:40	07/13/11 22:03	1
2-Nitroaniline	1.2	U	48	1.2	ug/L		06/29/11 14:40	07/13/11 22:03	1
3-Nitroaniline	4.8	U	48	4.8	ug/L		06/29/11 14:40	07/13/11 22:03	1
4-Nitroaniline	4.8	U	48	4.8	ug/L		06/29/11 14:40	07/13/11 22:03	1
Nitrobenzene	0.69	U	9.5	0.69	ug/L		06/29/11 14:40	07/13/11 22:03	1
2-Nitrophenol	0.72	U	9.5	0.72	ug/L		06/29/11 14:40	07/13/11 22:03	1
4-Nitrophenol	1.8	U	48	1.8	ug/L		06/29/11 14:40	07/13/11 22:03	1
N-Nitro-o-toluidine	1.4	U	9.5	1.4	ug/L		06/29/11 14:40	07/13/11 22:03	1
N-Nitrosodiethylamine	0.88	U	9.5	0.88	ug/L		06/29/11 14:40	07/13/11 22:03	1
N-Nitrosodimethylamine	2.7	U	9.5	2.7	ug/L		06/29/11 14:40	07/13/11 22:03	1
N-Nitrosodi-n-butylamine	0.91	U	9.5	0.91	ug/L		06/29/11 14:40	07/13/11 22:03	1
N-Nitrosodi-n-propylamine	0.68	U	9.5	0.68	ug/L		06/29/11 14:40	07/13/11 22:03	1
N-Nitrosodiphenylamine	0.87	U	9.5	0.87	ug/L		06/29/11 14:40	07/13/11 22:03	1
N-Nitrosomethylethylamine	3.1	U	9.5	3.1	ug/L		06/29/11 14:40	07/13/11 22:03	1
N-Nitrosopiperidine	0.84	U	9.5	0.84	ug/L		06/29/11 14:40	07/13/11 22:03	1
N-Nitrosopyrrolidine	0.95	U	9.5	0.95	ug/L		06/29/11 14:40	07/13/11 22:03	1
o,o',o''-Triethylphosphorothioate	0.95	U	9.5	0.95	ug/L		06/29/11 14:40	07/13/11 22:03	1
p-Dimethylamino azobenzene	0.75	U	9.5	0.75	ug/L		06/29/11 14:40	07/13/11 22:03	1
Pentachlorobenzene	0.49	U	9.5	0.49	ug/L		06/29/11 14:40	07/13/11 22:03	1
Pentachloronitrobenzene	0.74	U	9.5	0.74	ug/L		06/29/11 14:40	07/13/11 22:03	1

Client Sample ID: SLMW-10-6-11

Date Collected: 06/24/11 16:25
Date Received: 06/25/11 10:15

Lab Sample ID: 680-69786-2

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	1.9	U	48	1.9	ug/L		06/29/11 14:40	07/13/11 22:03	1
Phenacetin	1.3	U	9.5	1.3	ug/L		06/29/11 14:40	07/13/11 22:03	1
Phenanthrene	0.73	U	9.5	0.73	ug/L		06/29/11 14:40	07/13/11 22:03	1
Phenol	0.79	U	9.5	0.79	ug/L		06/29/11 14:40	07/13/11 22:03	1
Phorate	0.83	U	9.5	0.83	ug/L		06/29/11 14:40	07/13/11 22:03	1
p-Phenylene diamine	9.5	U	1900	9.5	ug/L		06/29/11 14:40	07/13/11 22:03	1
Pronamide	0.85	U	9.5	0.85	ug/L		06/29/11 14:40	07/13/11 22:03	1
Pyrene	0.60	U	9.5	0.60	ug/L		06/29/11 14:40	07/13/11 22:03	1
Safrole, Total	0.76	U	9.5	0.76	ug/L		06/29/11 14:40	07/13/11 22:03	1
Sulfotepp	0.50	U	9.5	0.50	ug/L		06/29/11 14:40	07/13/11 22:03	1
1,2,4,5-Tetrachlorobenzene	0.72	U	9.5	0.72	ug/L		06/29/11 14:40	07/13/11 22:03	1
2,3,4,6-Tetrachlorophenol	0.68	U	9.5	0.68	ug/L		06/29/11 14:40	07/13/11 22:03	1
Thionazin	0.86	U	9.5	0.86	ug/L		06/29/11 14:40	07/13/11 22:03	1
2-Toluidine	1.3	U	9.5	1.3	ug/L		06/29/11 14:40	07/13/11 22:03	1
2,4,5-Trichlorophenol	1.1	U	9.5	1.1	ug/L		06/29/11 14:40	07/13/11 22:03	1
2,4,6-Trichlorophenol	0.81	U	9.5	0.81	ug/L		06/29/11 14:40	07/13/11 22:03	1
1,3,5-Trinitrobenzene	1.9	U	9.5	1.9	ug/L		06/29/11 14:40	07/13/11 22:03	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*83*		*38 - 130*	*06/29/11 14:40*	*07/13/11 22:03*	*1*
2-Fluorophenol	*76*		*25 - 130*	*06/29/11 14:40*	*07/13/11 22:03*	*1*
Nitrobenzene-d5	*82*		*39 - 130*	*06/29/11 14:40*	*07/13/11 22:03*	*1*
Phenol-d5	*72*		*25 - 130*	*06/29/11 14:40*	*07/13/11 22:03*	*1*
Terphenyl-d14	*54*		*10 - 143*	*06/29/11 14:40*	*07/13/11 22:03*	*1*
2,4,6-Tribromophenol	*86*		*31 - 141*	*06/29/11 14:40*	*07/13/11 22:03*	*1*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0064	U	0.099	0.0064	ug/L		06/29/11 14:40	07/05/11 22:33	1
4,4'-DDE	0.0076	U	0.099	0.0076	ug/L		06/29/11 14:40	07/05/11 22:33	1
4,4'-DDT	0.0096	U	0.099	0.0096	ug/L		06/29/11 14:40	07/05/11 22:33	1
Aldrin	0.0069	U	0.050	0.0069	ug/L		06/29/11 14:40	07/05/11 22:33	1
alpha-BHC	0.0056	U	0.050	0.0056	ug/L		06/29/11 14:40	07/05/11 22:33	1
beta-BHC	0.0066	U	0.050	0.0066	ug/L		06/29/11 14:40	07/05/11 22:33	1
Chlordane (technical)	0.099	U	0.50	0.099	ug/L		06/29/11 14:40	07/05/11 22:33	1
Chlorobenzilate	0.50	U	0.50	0.50	ug/L		06/29/11 14:40	07/05/11 22:33	1
delta-BHC	0.0048	U	0.050	0.0048	ug/L		06/29/11 14:40	07/05/11 22:33	1
Dieldrin	0.0090	U	0.099	0.0090	ug/L		06/29/11 14:40	07/05/11 22:33	1
Endosulfan I	0.0042	U	0.050	0.0042	ug/L		06/29/11 14:40	07/05/11 22:33	1
Endosulfan II	0.0097	U	0.099	0.0097	ug/L		06/29/11 14:40	07/05/11 22:33	1
Endosulfan sulfate	0.0067	U	0.099	0.0067	ug/L		06/29/11 14:40	07/05/11 22:33	1
Endrin	0.0096	U	0.099	0.0096	ug/L		06/29/11 14:40	07/05/11 22:33	1
Endrin aldehyde	0.016	U	0.099	0.016	ug/L		06/29/11 14:40	07/05/11 22:33	1
gamma-BHC (Lindane)	0.0058	U	0.050	0.0058	ug/L		06/29/11 14:40	07/05/11 22:33	1
Heptachlor	0.0069	U	0.050	0.0069	ug/L		06/29/11 14:40	07/05/11 22:33	1
Heptachlor epoxide	0.0059	U	0.050	0.0059	ug/L		06/29/11 14:40	07/05/11 22:33	1
Isodrin	0.050	U	0.050	0.050	ug/L		06/29/11 14:40	07/05/11 22:33	1
Methoxychlor	0.013	U	0.099	0.013	ug/L		06/29/11 14:40	07/05/11 22:33	1
PCB-1016	0.070	U	0.99	0.070	ug/L		06/29/11 14:40	07/05/11 22:33	1
PCB-1221	0.28	U	2.0	0.28	ug/L		06/29/11 14:40	07/05/11 22:33	1

Client Sample ID: SLMW-10-6-11

Date Collected: 06/24/11 16:25
Date Received: 06/25/11 10:15

Lab Sample ID: 680-69786-2

Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	0.11	U	0.99	0.11	ug/L		06/29/11 14:40	07/05/11 22:33	1
PCB-1242	0.18	U	0.99	0.18	ug/L		06/29/11 14:40	07/05/11 22:33	1
PCB-1248	0.36	U	0.99	0.36	ug/L		06/29/11 14:40	07/05/11 22:33	1
PCB-1254	0.26	U	0.99	0.26	ug/L		06/29/11 14:40	07/05/11 22:33	1
PCB-1260	0.20	U	0.99	0.20	ug/L		06/29/11 14:40	07/05/11 22:33	1
PCB-1262	0.24	U	0.99	0.24	ug/L		06/29/11 14:40	07/05/11 22:33	1
Toxaphene	0.50	U	5.0	0.50	ug/L		06/29/11 14:40	07/05/11 22:33	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*25*	*M J*	*40 - 130*	*06/29/11 14:40*	*07/05/11 22:33*	*1*
Tetrachloro-m-xylene	*47*		*36 - 130*	*06/29/11 14:40*	*07/05/11 22:33*	*1*

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethoate	0.99	U	2.0	0.99	ug/L		06/29/11 14:40	07/03/11 00:51	1
Disulfoton	0.99	U	2.0	0.99	ug/L		06/29/11 14:40	07/03/11 00:51	1
Ethyl Parathion	0.50	U	0.99	0.50	ug/L		06/29/11 14:40	07/03/11 00:51	1
Famphur	0.99	U	2.0	0.99	ug/L		06/29/11 14:40	07/03/11 00:51	1
Methyl parathion	0.50	U	0.50	0.50	ug/L		06/29/11 14:40	07/03/11 00:51	1
Phorate	0.50	U	0.99	0.50	ug/L		06/29/11 14:40	07/03/11 00:51	1
Sulfotepp	0.50	U	0.50	0.50	ug/L		06/29/11 14:40	07/03/11 00:51	1
Thionazin	0.50	U	0.99	0.50	ug/L		06/29/11 14:40	07/03/11 00:51	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*82*		*67 - 130*	*06/29/11 14:40*	*07/03/11 00:51*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.035	U	0.48	0.035	ug/L		06/27/11 08:35	06/30/11 00:34	1
2,4-DB	0.14	U	0.48	0.14	ug/L		06/27/11 08:35	06/30/11 00:34	1
2,4,5-T	0.059	U	0.48	0.059	ug/L		06/27/11 08:35	06/30/11 00:34	1
Silvex (2,4,5-TP)	0.059	U	0.48	0.059	ug/L		06/27/11 08:35	06/30/11 00:34	1
Dalapon	0.096	U	9.6	0.096	ug/L		06/27/11 08:35	06/30/11 00:34	1
Dicamba	0.081	U	0.48	0.081	ug/L		06/27/11 08:35	06/30/11 00:34	1
Dichlorprop	0.14	U	0.48	0.14	ug/L		06/27/11 08:35	06/30/11 00:34	1
Dinoseb	0.15	U	5.8	0.15	ug/L		06/27/11 08:35	06/30/11 00:34	1
MCPA	16	U	120	16	ug/L		06/27/11 08:35	06/30/11 00:34	1
Mecoprop	18	U	120	18	ug/L		06/27/11 08:35	06/30/11 00:34	1
Pentachlorophenol	0.035	U	0.24	0.035	ug/L		06/27/11 08:35	06/30/11 00:34	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*78*		*52 - 151*	*06/27/11 08:35*	*06/30/11 00:34*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.99	U H	2.0	0.99	ug/L		06/28/11 14:35	07/10/11 03:08	1
Arsenic	**2.7**	**J**	1.0	0.40	ug/L		06/27/11 10:44	06/27/11 17:13	1
Barium	**130**	**J**	1.0	0.15	ug/L		06/27/11 10:44	06/27/11 17:13	1
Beryllium	0.070	U	0.20	0.070	ug/L		06/27/11 10:44	06/27/11 17:13	1
Cadmium	**0.27**	**J H**	0.50	0.20	ug/L		06/28/11 14:35	07/08/11 16:36	1
Chromium	0.16	U J	1.0	0.16	ug/L		06/27/11 10:44	06/27/11 17:13	1

Client Sample ID: SLMW-10-6-11

Lab Sample ID: 680-69786-2

Date Collected: 06/24/11 16:25
Matrix: Water
Date Received: 06/25/11 10:15

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	3.3	J	0.20	0.078	ug/L		06/27/11 10:44	06/27/11 17:13	1
Copper	0.21	U J	1.0	0.21	ug/L		06/27/11 10:44	06/27/11 17:13	1
Lead	3.3	H	0.30	0.080	ug/L		06/28/11 14:35	07/08/11 16:36	1
Nickel	0.40	U J	1.0	0.40	ug/L		06/27/11 10:44	06/27/11 17:13	1
Selenium	4.0	J	0.50	0.21	ug/L		06/27/11 10:44	06/27/11 17:13	1
Silver	0.10	U J	0.20	0.10	ug/L		06/27/11 10:44	06/27/11 17:13	1
Thallium	0.10	U	0.20	0.10	ug/L		06/27/11 10:44	06/27/11 17:13	1
Tin	3.0		1.0	0.40	ug/L		06/27/11 10:44	06/27/11 17:13	1
Vanadium	1.4	U	5.0	1.4	ug/L		06/27/11 10:44	06/27/11 17:13	1
Zinc	3.0	J	10	2.6	ug/L		06/27/11 10:44	06/27/11 17:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.075	U M	0.25	0.075	mg/L			06/25/11 21:38	5
Cyanide, Total	0.0050	U	0.010	0.0050	mg/L		07/05/11 05:30	07/06/11 10:31	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	10	U	10	10	mg/L		06/27/11 12:43	06/27/11 15:21	1

Client Sample ID: SLMW-11R-6-11

Lab Sample ID: 680-69786-3

Date Collected: 06/24/11 17:45
Matrix: Water
Date Received: 06/25/11 10:15

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.99	U H	2.0	0.99	ug/L		06/28/11 14:35	07/10/11 00:26	1
Arsenic	0.40	U	1.0	0.40	ug/L		06/27/11 10:44	06/27/11 17:32	1
Barium	8.0		1.0	0.15	ug/L		06/27/11 10:44	06/27/11 17:32	1
Beryllium	0.074	J	0.20	0.070	ug/L		06/27/11 10:44	06/27/11 17:32	1
Cadmium	0.20	U H	0.50	0.20	ug/L		06/28/11 14:35	07/08/11 16:14	1
Chromium	0.36	J	1.0	0.16	ug/L		06/27/11 10:44	06/27/11 17:32	1
Cobalt	0.19	J	0.20	0.078	ug/L		06/27/11 10:44	06/27/11 17:32	1
Copper	0.64	J	1.0	0.21	ug/L		06/27/11 10:44	06/27/11 17:32	1
Lead	0.080	U H	0.30	0.080	ug/L		06/28/11 14:35	07/08/11 16:14	1
Nickel	0.84	J	1.0	0.40	ug/L		06/27/11 10:44	06/27/11 17:32	1
Selenium	0.26	J	0.50	0.21	ug/L		06/27/11 10:44	06/27/11 17:32	1
Silver	0.10	U	0.20	0.10	ug/L		06/27/11 10:44	06/27/11 17:32	1
Thallium	0.10	U	0.20	0.10	ug/L		06/27/11 10:44	06/27/11 17:32	1
Tin	0.60	J	1.0	0.40	ug/L		06/27/11 10:44	06/27/11 17:32	1
Vanadium	1.4	U	5.0	1.4	ug/L		06/27/11 10:44	06/27/11 17:32	1
Zinc	6.6	J	10	2.6	ug/L		06/27/11 10:44	06/27/11 17:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.077	J	0.25	0.075	mg/L			06/25/11 22:07	5
Cyanide, Total	0.0077	J	0.010	0.0050	mg/L		07/05/11 05:30	07/06/11 10:32	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	12		10	10	mg/L		06/27/11 12:43	06/27/11 15:21	1

Client Sample ID: SLMW-12AR-6-11

Lab Sample ID: 680-69786-4

Date Collected: 06/22/11 13:15

Matrix: Water

Date Received: 06/25/11 10:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	10	U	40	10	ug/L			06/27/11 17:53	1
Acetone	5.0	U	25	5.0	ug/L			06/27/11 17:53	1
Benzene	0.25	U	1.0	0.25	ug/L			06/27/11 17:53	1
Dichlorobromomethane	0.25	U	1.0	0.25	ug/L			06/27/11 17:53	1
Bromomethane	0.80	U	1.0	0.80	ug/L			06/27/11 17:53	1
Carbon disulfide	0.60	U	2.0	0.60	ug/L			06/27/11 17:53	1
Chlorobenzene	0.25	U	1.0	0.25	ug/L			06/27/11 17:53	1
Chlorodibromomethane	0.10	U	1.0	0.10	ug/L			06/27/11 17:53	1
Chloroethane	1.0	U	1.0	1.0	ug/L			06/27/11 17:53	1
Chloromethane	0.33	U	1.0	0.33	ug/L			06/27/11 17:53	1
Chloroform	**1.3**		1.0	0.14	ug/L			06/27/11 17:53	1
3-Chloro-1-propene	0.20	U	1.0	0.20	ug/L			06/27/11 17:53	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			06/27/11 17:53	1
Ethylene Dibromide	0.25	U	1.0	0.25	ug/L			06/27/11 17:53	1
trans-1,4-Dichloro-2-butene	0.50	U	2.0	0.50	ug/L			06/27/11 17:53	1
Dichlorodifluoromethane	0.25	U	1.0	0.25	ug/L			06/27/11 17:53	1
1,1-Dichloroethane	0.25	U	1.0	0.25	ug/L			06/27/11 17:53	1
1,2-Dichloroethane	0.10	U	1.0	0.10	ug/L			06/27/11 17:53	1
trans-1,2-Dichloroethene	0.20	U	1.0	0.20	ug/L			06/27/11 17:53	1
1,1-Dichloroethene	0.11	U	1.0	0.11	ug/L			06/27/11 17:53	1
Methylene Chloride	1.0	U	5.0	1.0	ug/L			06/27/11 17:53	1
1,2-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/27/11 17:53	1
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			06/27/11 17:53	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			06/27/11 17:53	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			06/27/11 17:53	1
2-Butanone (MEK)	1.0	U	10	1.0	ug/L			06/27/11 17:53	1
Iodomethane	1.0	U	5.0	1.0	ug/L			06/27/11 17:53	1
Methacrylonitrile	3.3	U	20	3.3	ug/L			06/27/11 17:53	1
4-Methyl-2-pentanone (MIBK)	1.0	U	10	1.0	ug/L			06/27/11 17:53	1
Styrene	0.11	U	1.0	0.11	ug/L			06/27/11 17:53	1
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			06/27/11 17:53	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			06/27/11 17:53	1
Tetrachloroethene	**0.33**	**J**	1.0	0.15	ug/L			06/27/11 17:53	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			06/27/11 17:53	1
Toluene	0.33	U	1.0	0.33	ug/L			06/27/11 17:53	1
Bromoform	0.50	U	1.0	0.50	ug/L			06/27/11 17:53	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			06/27/11 17:53	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			06/27/11 17:53	1
Trichloroethene	0.13	U	1.0	0.13	ug/L			06/27/11 17:53	1
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			06/27/11 17:53	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			06/27/11 17:53	1
Vinyl acetate	0.28	U	2.0	0.28	ug/L			06/27/11 17:53	1
Vinyl chloride	0.18	U	1.0	0.18	ug/L			06/27/11 17:53	1
Xylenes, Total	0.20	U	2.0	0.20	ug/L			06/27/11 17:53	1
2-Hexanone	1.0	U	10	1.0	ug/L			06/27/11 17:53	1
Propionitrile	4.6	U	20	4.6	ug/L			06/27/11 17:53	1
Methyl methacrylate	0.48	U	1.0	0.48	ug/L			06/27/11 17:53	1
Acrolein	7.4	U	20	7.4	ug/L			06/27/11 17:53	1
Acrylonitrile	7.2	U	20	7.2	ug/L			06/27/11 17:53	1
Ethyl methacrylate	0.25	U	1.0	0.25	ug/L			06/27/11 17:53	1

Client Sample ID: SLMW-12AR-6-11

Lab Sample ID: 680-69786-4

Date Collected: 06/22/11 13:15

Matrix: Water

Date Received: 06/25/11 10:15

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isobutyl alcohol	11	U	40	11	ug/L			06/27/11 17:53	1
Chlorobromomethane	0.14	U	1.0	0.14	ug/L			06/27/11 17:53	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			06/27/11 17:53	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/27/11 17:53	1
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			06/27/11 17:53	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			06/27/11 17:53	1
2-Chloro-1,3-butadiene	0.30	U	1.0	0.30	ug/L			06/27/11 17:53	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			06/27/11 17:53	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			06/27/11 17:53	1
1,4-Dichlorobenzene	0.28	U	1.0	0.28	ug/L			06/27/11 17:53	1
1,2,4-Trichlorobenzene	0.25	U	1.0	0.25	ug/L			06/27/11 17:53	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			06/27/11 17:53	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*70 - 130*		*06/27/11 17:53*	*1*
4-Bromofluorobenzene	*93*		*70 - 130*		*06/27/11 17:53*	*1*
Dibromofluoromethane	*106*		*70 - 130*		*06/27/11 17:53*	*1*

Client Sample ID: SLMW-12BR-6-11

Lab Sample ID: 680-69786-5

Date Collected: 06/23/11 09:08

Matrix: Water

Date Received: 06/25/11 10:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	10	U	40	10	ug/L			06/27/11 18:21	1
Acetone	5.0	U	25	5.0	ug/L			06/27/11 18:21	1
Benzene	0.25	U	1.0	0.25	ug/L			06/27/11 18:21	1
Dichlorobromomethane	0.25	U	1.0	0.25	ug/L			06/27/11 18:21	1
Bromomethane	0.80	U	1.0	0.80	ug/L			06/27/11 18:21	1
Carbon disulfide	0.60	U	2.0	0.60	ug/L			06/27/11 18:21	1
Chlorobenzene	0.25	U	1.0	0.25	ug/L			06/27/11 18:21	1
Chlorodibromomethane	0.10	U	1.0	0.10	ug/L			06/27/11 18:21	1
Chloroethane	1.0	U	1.0	1.0	ug/L			06/27/11 18:21	1
Chloromethane	0.33	U	1.0	0.33	ug/L			06/27/11 18:21	1
Chloroform	0.14	U	1.0	0.14	ug/L			06/27/11 18:21	1
3-Chloro-1-propene	0.20	U	1.0	0.20	ug/L			06/27/11 18:21	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			06/27/11 18:21	1
Ethylene Dibromide	0.25	U	1.0	0.25	ug/L			06/27/11 18:21	1
trans-1,4-Dichloro-2-butene	0.50	U	2.0	0.50	ug/L			06/27/11 18:21	1
Dichlorodifluoromethane	0.25	U	1.0	0.25	ug/L			06/27/11 18:21	1
1,1-Dichloroethane	0.25	U	1.0	0.25	ug/L			06/27/11 18:21	1
1,2-Dichloroethane	0.10	U	1.0	0.10	ug/L			06/27/11 18:21	1
trans-1,2-Dichloroethene	0.20	U	1.0	0.20	ug/L			06/27/11 18:21	1
1,1-Dichloroethene	0.11	U	1.0	0.11	ug/L			06/27/11 18:21	1
Methylene Chloride	1.0	U	5.0	1.0	ug/L			06/27/11 18:21	1
1,2-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/27/11 18:21	1
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			06/27/11 18:21	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			06/27/11 18:21	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			06/27/11 18:21	1

Client Sample ID: SLMW-12BR-6-11

Lab Sample ID: 680-69786-5

Date Collected: 06/23/11 09:08

Matrix: Water

Date Received: 06/25/11 10:15

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	1.0	U	10	1.0	ug/L			06/27/11 18:21	1
Iodomethane	1.0	U	5.0	1.0	ug/L			06/27/11 18:21	1
Methacrylonitrile	3.3	U	20	3.3	ug/L			06/27/11 18:21	1
4-Methyl-2-pentanone (MIBK)	1.0	U	10	1.0	ug/L			06/27/11 18:21	1
Styrene	0.11	U	1.0	0.11	ug/L			06/27/11 18:21	1
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			06/27/11 18:21	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			06/27/11 18:21	1
Tetrachloroethene	0.15	U	1.0	0.15	ug/L			06/27/11 18:21	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			06/27/11 18:21	1
Toluene	0.33	U	1.0	0.33	ug/L			06/27/11 18:21	1
Bromoform	0.50	U	1.0	0.50	ug/L			06/27/11 18:21	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			06/27/11 18:21	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			06/27/11 18:21	1
Trichloroethene	0.13	U	1.0	0.13	ug/L			06/27/11 18:21	1
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			06/27/11 18:21	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			06/27/11 18:21	1
Vinyl acetate	0.28	U	2.0	0.28	ug/L			06/27/11 18:21	1
Vinyl chloride	0.18	U	1.0	0.18	ug/L			06/27/11 18:21	1
Xylenes, Total	0.20	U	2.0	0.20	ug/L			06/27/11 18:21	1
2-Hexanone	1.0	U	10	1.0	ug/L			06/27/11 18:21	1
Propionitrile	4.6	U	20	4.6	ug/L			06/27/11 18:21	1
Methyl methacrylate	0.48	U	1.0	0.48	ug/L			06/27/11 18:21	1
Acrolein	7.4	U	20	7.4	ug/L			06/27/11 18:21	1
Acrylonitrile	7.2	U	20	7.2	ug/L			06/27/11 18:21	1
Ethyl methacrylate	0.25	U	1.0	0.25	ug/L			06/27/11 18:21	1
Isobutyl alcohol	11	U	40	11	ug/L			06/27/11 18:21	1
Chlorobromomethane	0.14	U	1.0	0.14	ug/L			06/27/11 18:21	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			06/27/11 18:21	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/27/11 18:21	1
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			06/27/11 18:21	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			06/27/11 18:21	1
2-Chloro-1,3-butadiene	0.30	U	1.0	0.30	ug/L			06/27/11 18:21	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			06/27/11 18:21	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			06/27/11 18:21	1
1,4-Dichlorobenzene	0.28	U	1.0	0.28	ug/L			06/27/11 18:21	1
1,2,4-Trichlorobenzene	0.25	U	1.0	0.25	ug/L			06/27/11 18:21	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			06/27/11 18:21	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*70 - 130*		*06/27/11 18:21*	*1*
4-Bromofluorobenzene	*92*		*70 - 130*		*06/27/11 18:21*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*06/27/11 18:21*	*1*

Client Sample ID: SLMW-06-6-11

Lab Sample ID: 680-69786-6

Date Collected: 06/23/11 11:45

Matrix: Water

Date Received: 06/25/11 10:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	10	U	40	10	ug/L			06/29/11 14:15	1
Acetone	5.0	U	25	5.0	ug/L			06/29/11 14:15	1
Benzene	0.25	U	1.0	0.25	ug/L			06/29/11 14:15	1
Dichlorobromomethane	0.25	U	1.0	0.25	ug/L			06/29/11 14:15	1
Bromomethane	0.80	U J	1.0	0.80	ug/L			06/29/11 14:15	1
Carbon disulfide	0.60	U	2.0	0.60	ug/L			06/29/11 14:15	1
Chlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 14:15	1
Chlorodibromomethane	0.10	U	1.0	0.10	ug/L			06/29/11 14:15	1
Chloroethane	1.0	U	1.0	1.0	ug/L			06/29/11 14:15	1
Chloromethane	0.33	U	1.0	0.33	ug/L			06/29/11 14:15	1
Chloroform	**0.28**	**J**	1.0	0.14	ug/L			06/29/11 14:15	1
3-Chloro-1-propene	0.20	U	1.0	0.20	ug/L			06/29/11 14:15	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			06/29/11 14:15	1
Ethylene Dibromide	0.25	U	1.0	0.25	ug/L			06/29/11 14:15	1
trans-1,4-Dichloro-2-butene	0.50	U	2.0	0.50	ug/L			06/29/11 14:15	1
Dichlorodifluoromethane	**0.48**	**J**	1.0	0.25	ug/L			06/29/11 14:15	1
1,1-Dichloroethane	0.25	U	1.0	0.25	ug/L			06/29/11 14:15	1
1,2-Dichloroethane	0.10	U	1.0	0.10	ug/L			06/29/11 14:15	1
trans-1,2-Dichloroethene	0.20	U	1.0	0.20	ug/L			06/29/11 14:15	1
1,1-Dichloroethene	0.11	U	1.0	0.11	ug/L			06/29/11 14:15	1
Methylene Chloride	**3.1**	**J B**	5.0	1.0	ug/L			06/29/11 14:15	1
1,2-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/29/11 14:15	1
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			06/29/11 14:15	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			06/29/11 14:15	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			06/29/11 14:15	1
2-Butanone (MEK)	1.0	U	10	1.0	ug/L			06/29/11 14:15	1
Iodomethane	1.0	U	5.0	1.0	ug/L			06/29/11 14:15	1
Methacrylonitrile	3.3	U	20	3.3	ug/L			06/29/11 14:15	1
4-Methyl-2-pentanone (MIBK)	1.0	U	10	1.0	ug/L			06/29/11 14:15	1
Styrene	0.11	U	1.0	0.11	ug/L			06/29/11 14:15	1
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			06/29/11 14:15	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			06/29/11 14:15	1
Tetrachloroethene	0.15	U	1.0	0.15	ug/L			06/29/11 14:15	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			06/29/11 14:15	1
Toluene	0.33	U	1.0	0.33	ug/L			06/29/11 14:15	1
Bromoform	0.50	U	1.0	0.50	ug/L			06/29/11 14:15	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			06/29/11 14:15	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			06/29/11 14:15	1
Trichloroethene	0.13	U	1.0	0.13	ug/L			06/29/11 14:15	1
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			06/29/11 14:15	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			06/29/11 14:15	1
Vinyl acetate	0.28	U	2.0	0.28	ug/L			06/29/11 14:15	1
Vinyl chloride	0.18	U	1.0	0.18	ug/L			06/29/11 14:15	1
Xylenes, Total	0.20	U	2.0	0.20	ug/L			06/29/11 14:15	1
2-Hexanone	1.0	U	10	1.0	ug/L			06/29/11 14:15	1
Propionitrile	4.6	U	20	4.6	ug/L			06/29/11 14:15	1
Methyl methacrylate	0.48	U	1.0	0.48	ug/L			06/29/11 14:15	1
Acrolein	7.4	U	20	7.4	ug/L			06/29/11 14:15	1
Acrylonitrile	7.2	U	20	7.2	ug/L			06/29/11 14:15	1
Ethyl methacrylate	0.25	U	1.0	0.25	ug/L			06/29/11 14:15	1

Client Sample ID: SLMW-06-6-11

Lab Sample ID: 680-69786-6

Date Collected: 06/23/11 11:45
Matrix: Water
Date Received: 06/25/11 10:15

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isobutyl alcohol	11	U	40	11	ug/L			06/29/11 14:15	1
Chlorobromomethane	0.14	U	1.0	0.14	ug/L			06/29/11 14:15	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			06/29/11 14:15	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/29/11 14:15	1
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			06/29/11 14:15	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			06/29/11 14:15	1
2-Chloro-1,3-butadiene	0.30	U	1.0	0.30	ug/L			06/29/11 14:15	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			06/29/11 14:15	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 14:15	1
1,4-Dichlorobenzene	0.28	U	1.0	0.28	ug/L			06/29/11 14:15	1
1,2,4-Trichlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 14:15	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			06/29/11 14:15	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*70 - 130*		*06/29/11 14:15*	*1*
4-Bromofluorobenzene	*107*		*70 - 130*		*06/29/11 14:15*	*1*
Dibromofluoromethane	*94*		*70 - 130*		*06/29/11 14:15*	*1*

Client Sample ID: SLMW-DUP1-6-11

Lab Sample ID: 680-69786-7

Date Collected: 06/23/11 15:30
Matrix: Water
Date Received: 06/25/11 10:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	10	U	40	10	ug/L			06/29/11 15:14	1
Acetone	5.0	U	25	5.0	ug/L			06/29/11 15:14	1
Benzene	0.25	U	1.0	0.25	ug/L			06/29/11 15:14	1
Dichlorobromomethane	0.25	U	1.0	0.25	ug/L			06/29/11 15:14	1
Bromomethane	0.80	U	1.0	0.80	ug/L			06/29/11 15:14	1
Carbon disulfide	0.60	U	2.0	0.60	ug/L			06/29/11 15:14	1
Chlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 15:14	1
Chlorodibromomethane	0.10	U	1.0	0.10	ug/L			06/29/11 15:14	1
Chloroethane	1.0	U	1.0	1.0	ug/L			06/29/11 15:14	1
Chloromethane	0.33	U	1.0	0.33	ug/L			06/29/11 15:14	1
Chloroform	**0.30**	**J**	1.0	0.14	ug/L			06/29/11 15:14	1
3-Chloro-1-propene	0.20	U	1.0	0.20	ug/L			06/29/11 15:14	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			06/29/11 15:14	1
Ethylene Dibromide	0.25	U	1.0	0.25	ug/L			06/29/11 15:14	1
trans-1,4-Dichloro-2-butene	0.50	U	2.0	0.50	ug/L			06/29/11 15:14	1
Dichlorodifluoromethane	**0.46**	**J**	1.0	0.25	ug/L			06/29/11 15:14	1
1,1-Dichloroethane	0.25	U	1.0	0.25	ug/L			06/29/11 15:14	1
1,2-Dichloroethane	0.10	U	1.0	0.10	ug/L			06/29/11 15:14	1
trans-1,2-Dichloroethene	0.20	U	1.0	0.20	ug/L			06/29/11 15:14	1
1,1-Dichloroethene	0.11	U	1.0	0.11	ug/L			06/29/11 15:14	1
Methylene Chloride	**3.0**	**J B**	5.0	1.0	ug/L			06/29/11 15:14	1
1,2-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/29/11 15:14	1
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			06/29/11 15:14	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			06/29/11 15:14	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			06/29/11 15:14	1

Client Sample ID: SLMW-DUP1-6-11

Lab Sample ID: 680-69786-7

Date Collected: 06/23/11 15:30

Matrix: Water

Date Received: 06/25/11 10:15

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	1.0	U	10	1.0	ug/L			06/29/11 15:14	1
Iodomethane	1.0	U	5.0	1.0	ug/L			06/29/11 15:14	1
Methacrylonitrile	3.3	U	20	3.3	ug/L			06/29/11 15:14	1
4-Methyl-2-pentanone (MIBK)	1.0	U	10	1.0	ug/L			06/29/11 15:14	1
Styrene	0.11	U	1.0	0.11	ug/L			06/29/11 15:14	1
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			06/29/11 15:14	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			06/29/11 15:14	1
Tetrachloroethene	0.15	U	1.0	0.15	ug/L			06/29/11 15:14	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			06/29/11 15:14	1
Toluene	0.33	U	1.0	0.33	ug/L			06/29/11 15:14	1
Bromoform	0.50	U	1.0	0.50	ug/L			06/29/11 15:14	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			06/29/11 15:14	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			06/29/11 15:14	1
Trichloroethene	0.13	U	1.0	0.13	ug/L			06/29/11 15:14	1
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			06/29/11 15:14	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			06/29/11 15:14	1
Vinyl acetate	0.28	U	2.0	0.28	ug/L			06/29/11 15:14	1
Vinyl chloride	0.18	U	1.0	0.18	ug/L			06/29/11 15:14	1
Xylenes, Total	0.20	U	2.0	0.20	ug/L			06/29/11 15:14	1
2-Hexanone	1.0	U	10	1.0	ug/L			06/29/11 15:14	1
Propionitrile	4.6	U	20	4.6	ug/L			06/29/11 15:14	1
Methyl methacrylate	0.48	U	1.0	0.48	ug/L			06/29/11 15:14	1
Acrolein	7.4	U	20	7.4	ug/L			06/29/11 15:14	1
Acrylonitrile	7.2	U	20	7.2	ug/L			06/29/11 15:14	1
Ethyl methacrylate	0.25	U	1.0	0.25	ug/L			06/29/11 15:14	1
Isobutyl alcohol	11	U	40	11	ug/L			06/29/11 15:14	1
Chlorobromomethane	0.14	U	1.0	0.14	ug/L			06/29/11 15:14	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			06/29/11 15:14	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/29/11 15:14	1
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			06/29/11 15:14	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			06/29/11 15:14	1
2-Chloro-1,3-butadiene	0.30	U	1.0	0.30	ug/L			06/29/11 15:14	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			06/29/11 15:14	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 15:14	1
1,4-Dichlorobenzene	0.28	U	1.0	0.28	ug/L			06/29/11 15:14	1
1,2,4-Trichlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 15:14	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			06/29/11 15:14	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*70 - 130*		*06/29/11 15:14*	*1*
4-Bromofluorobenzene	*110*		*70 - 130*		*06/29/11 15:14*	*1*
Dibromofluoromethane	*93*		*70 - 130*		*06/29/11 15:14*	*1*

Client Sample ID: SLMW-13-6-11

Lab Sample ID: 680-69786-8

Date Collected: 06/23/11 15:35

Matrix: Water

Date Received: 06/25/11 10:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	10	U	40	10	ug/L			06/27/11 18:50	1
Acetone	5.0	U	25	5.0	ug/L			06/27/11 18:50	1
Benzene	0.25	U	1.0	0.25	ug/L			06/27/11 18:50	1
Dichlorobromomethane	0.25	U	1.0	0.25	ug/L			06/27/11 18:50	1
Bromomethane	0.80	U	1.0	0.80	ug/L			06/27/11 18:50	1
Carbon disulfide	0.60	U	2.0	0.60	ug/L			06/27/11 18:50	1
Chlorobenzene	0.25	U	1.0	0.25	ug/L			06/27/11 18:50	1
Chlorodibromomethane	0.10	U	1.0	0.10	ug/L			06/27/11 18:50	1
Chloroethane	1.0	U	1.0	1.0	ug/L			06/27/11 18:50	1
Chloromethane	0.33	U	1.0	0.33	ug/L			06/27/11 18:50	1
Chloroform	0.14	U	1.0	0.14	ug/L			06/27/11 18:50	1
3-Chloro-1-propene	0.20	U	1.0	0.20	ug/L			06/27/11 18:50	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			06/27/11 18:50	1
Ethylene Dibromide	0.25	U	1.0	0.25	ug/L			06/27/11 18:50	1
trans-1,4-Dichloro-2-butene	0.50	U	2.0	0.50	ug/L			06/27/11 18:50	1
Dichlorodifluoromethane	0.25	U	1.0	0.25	ug/L			06/27/11 18:50	1
1,1-Dichloroethane	0.25	U	1.0	0.25	ug/L			06/27/11 18:50	1
1,2-Dichloroethane	0.10	U	1.0	0.10	ug/L			06/27/11 18:50	1
trans-1,2-Dichloroethene	0.20	U	1.0	0.20	ug/L			06/27/11 18:50	1
1,1-Dichloroethene	0.11	U	1.0	0.11	ug/L			06/27/11 18:50	1
Methylene Chloride	1.0	U	5.0	1.0	ug/L			06/27/11 18:50	1
1,2-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/27/11 18:50	1
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			06/27/11 18:50	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			06/27/11 18:50	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			06/27/11 18:50	1
2-Butanone (MEK)	1.0	U	10	1.0	ug/L			06/27/11 18:50	1
Iodomethane	1.0	U	5.0	1.0	ug/L			06/27/11 18:50	1
Methacrylonitrile	3.3	U	20	3.3	ug/L			06/27/11 18:50	1
4-Methyl-2-pentanone (MIBK)	1.0	U	10	1.0	ug/L			06/27/11 18:50	1
Styrene	0.11	U	1.0	0.11	ug/L			06/27/11 18:50	1
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			06/27/11 18:50	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			06/27/11 18:50	1
Tetrachloroethene	0.15	U	1.0	0.15	ug/L			06/27/11 18:50	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			06/27/11 18:50	1
Toluene	**0.70**	**J**	1.0	0.33	ug/L			06/27/11 18:50	1
Bromoform	0.50	U	1.0	0.50	ug/L			06/27/11 18:50	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			06/27/11 18:50	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			06/27/11 18:50	1
Trichloroethene	0.13	U	1.0	0.13	ug/L			06/27/11 18:50	1
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			06/27/11 18:50	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			06/27/11 18:50	1
Vinyl acetate	0.28	U	2.0	0.28	ug/L			06/27/11 18:50	1
Vinyl chloride	0.18	U	1.0	0.18	ug/L			06/27/11 18:50	1
Xylenes, Total	0.20	U	2.0	0.20	ug/L			06/27/11 18:50	1
2-Hexanone	1.0	U	10	1.0	ug/L			06/27/11 18:50	1
Propionitrile	4.6	U	20	4.6	ug/L			06/27/11 18:50	1
Methyl methacrylate	0.48	U	1.0	0.48	ug/L			06/27/11 18:50	1
Acrolein	7.4	U	20	7.4	ug/L			06/27/11 18:50	1
Acrylonitrile	7.2	U	20	7.2	ug/L			06/27/11 18:50	1
Ethyl methacrylate	0.25	U	1.0	0.25	ug/L			06/27/11 18:50	1

Client Sample ID: SLMW-13-6-11

Lab Sample ID: 680-69786-8

Date Collected: 06/23/11 15:35
Matrix: Water
Date Received: 06/25/11 10:15

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isobutyl alcohol	11	U	40	11	ug/L			06/27/11 18:50	1
Chlorobromomethane	0.14	U	1.0	0.14	ug/L			06/27/11 18:50	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			06/27/11 18:50	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/27/11 18:50	1
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			06/27/11 18:50	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			06/27/11 18:50	1
2-Chloro-1,3-butadiene	0.30	U	1.0	0.30	ug/L			06/27/11 18:50	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			06/27/11 18:50	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			06/27/11 18:50	1
1,4-Dichlorobenzene	0.28	U	1.0	0.28	ug/L			06/27/11 18:50	1
1,2,4-Trichlorobenzene	0.25	U	1.0	0.25	ug/L			06/27/11 18:50	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			06/27/11 18:50	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*70 - 130*		*06/27/11 18:50*	*1*
4-Bromofluorobenzene	*93*		*70 - 130*		*06/27/11 18:50*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*06/27/11 18:50*	*1*

Client Sample ID: SLMW-10-6-11

Lab Sample ID: 680-69786-9

Date Collected: 06/24/11 16:25
Matrix: Water
Date Received: 06/25/11 10:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	10	U	40	10	ug/L			06/27/11 19:19	1
Acetone	5.0	U	25	5.0	ug/L			06/27/11 19:19	1
Benzene	**1.5**		1.0	0.25	ug/L			06/27/11 19:19	1
Dichlorobromomethane	0.25	U	1.0	0.25	ug/L			06/27/11 19:19	1
Bromomethane	0.80	U	1.0	0.80	ug/L			06/27/11 19:19	1
Carbon disulfide	0.60	U	2.0	0.60	ug/L			06/27/11 19:19	1
Chlorobenzene	**0.83**	**J**	1.0	0.25	ug/L			06/27/11 19:19	1
Chlorodibromomethane	0.10	U	1.0	0.10	ug/L			06/27/11 19:19	1
Chloroethane	1.0	U	1.0	1.0	ug/L			06/27/11 19:19	1
Chloromethane	0.33	U	1.0	0.33	ug/L			06/27/11 19:19	1
Chloroform	0.14	U	1.0	0.14	ug/L			06/27/11 19:19	1
3-Chloro-1-propene	0.20	U	1.0	0.20	ug/L			06/27/11 19:19	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			06/27/11 19:19	1
Ethylene Dibromide	0.25	U	1.0	0.25	ug/L			06/27/11 19:19	1
trans-1,4-Dichloro-2-butene	0.50	U	2.0	0.50	ug/L			06/27/11 19:19	1
Dichlorodifluoromethane	0.25	U	1.0	0.25	ug/L			06/27/11 19:19	1
1,1-Dichloroethane	**1.3**		1.0	0.25	ug/L			06/27/11 19:19	1
1,2-Dichloroethane	**0.53**	**J**	1.0	0.10	ug/L			06/27/11 19:19	1
trans-1,2-Dichloroethene	**0.27**	**J**	1.0	0.20	ug/L			06/27/11 19:19	1
1,1-Dichloroethene	0.11	U	1.0	0.11	ug/L			06/27/11 19:19	1
Methylene Chloride	1.0	U	5.0	1.0	ug/L			06/27/11 19:19	1
1,2-Dichloropropane	**3.7**		1.0	0.13	ug/L			06/27/11 19:19	1
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			06/27/11 19:19	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			06/27/11 19:19	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			06/27/11 19:19	1

Client Sample ID: SLMW-10-6-11

Lab Sample ID: 680-69786-9

Date Collected: 06/24/11 16:25

Matrix: Water

Date Received: 06/25/11 10:15

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	1.0	U	10	1.0	ug/L			06/27/11 19:19	1
Iodomethane	1.0	U	5.0	1.0	ug/L			06/27/11 19:19	1
Methacrylonitrile	3.3	U	20	3.3	ug/L			06/27/11 19:19	1
4-Methyl-2-pentanone (MIBK)	1.0	U	10	1.0	ug/L			06/27/11 19:19	1
Styrene	0.11	U	1.0	0.11	ug/L			06/27/11 19:19	1
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			06/27/11 19:19	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			06/27/11 19:19	1
Tetrachloroethene	0.15	U	1.0	0.15	ug/L			06/27/11 19:19	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			06/27/11 19:19	1
Toluene	0.33	U	1.0	0.33	ug/L			06/27/11 19:19	1
Bromoform	0.50	U	1.0	0.50	ug/L			06/27/11 19:19	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			06/27/11 19:19	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			06/27/11 19:19	1
Trichloroethene	**1.4**		1.0	0.13	ug/L			06/27/11 19:19	1
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			06/27/11 19:19	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			06/27/11 19:19	1
Vinyl acetate	0.28	U	2.0	0.28	ug/L			06/27/11 19:19	1
Vinyl chloride	**2.4**		1.0	0.18	ug/L			06/27/11 19:19	1
Xylenes, Total	0.20	U	2.0	0.20	ug/L			06/27/11 19:19	1
2-Hexanone	1.0	U	10	1.0	ug/L			06/27/11 19:19	1
Propionitrile	4.6	U	20	4.6	ug/L			06/27/11 19:19	1
Methyl methacrylate	0.48	U	1.0	0.48	ug/L			06/27/11 19:19	1
Acrolein	7.4	U	20	7.4	ug/L			06/27/11 19:19	1
Acrylonitrile	7.2	U	20	7.2	ug/L			06/27/11 19:19	1
Ethyl methacrylate	0.25	U	1.0	0.25	ug/L			06/27/11 19:19	1
Isobutyl alcohol	11	U	40	11	ug/L			06/27/11 19:19	1
Chlorobromomethane	0.14	U	1.0	0.14	ug/L			06/27/11 19:19	1
cis-1,2-Dichloroethene	**12**		1.0	0.15	ug/L			06/27/11 19:19	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/27/11 19:19	1
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			06/27/11 19:19	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			06/27/11 19:19	1
2-Chloro-1,3-butadiene	0.30	U	1.0	0.30	ug/L			06/27/11 19:19	1
1,2-Dichlorobenzene	**0.35**	**J**	1.0	0.21	ug/L			06/27/11 19:19	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			06/27/11 19:19	1
1,4-Dichlorobenzene	**10**		1.0	0.28	ug/L			06/27/11 19:19	1
1,2,4-Trichlorobenzene	**0.26**	**J**	1.0	0.25	ug/L			06/27/11 19:19	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			06/27/11 19:19	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*70 - 130*		*06/27/11 19:19*	*1*
4-Bromofluorobenzene	*94*		*70 - 130*		*06/27/11 19:19*	*1*
Dibromofluoromethane	*109*		*70 - 130*		*06/27/11 19:19*	*1*

Client Sample ID: SLMW-11R-6-11

Lab Sample ID: 680-69786-10

Date Collected: 06/24/11 17:45

Matrix: Water

Date Received: 06/25/11 10:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	10	U	40	10	ug/L			06/27/11 19:48	1
Acetone	5.0	U	25	5.0	ug/L			06/27/11 19:48	1
Benzene	0.25	U	1.0	0.25	ug/L			06/27/11 19:48	1
Dichlorobromomethane	0.25	U	1.0	0.25	ug/L			06/27/11 19:48	1
Bromomethane	0.80	U	1.0	0.80	ug/L			06/27/11 19:48	1
Carbon disulfide	0.60	U	2.0	0.60	ug/L			06/27/11 19:48	1
Chlorobenzene	0.25	U	1.0	0.25	ug/L			06/27/11 19:48	1
Chlorodibromomethane	0.10	U	1.0	0.10	ug/L			06/27/11 19:48	1
Chloroethane	1.0	U	1.0	1.0	ug/L			06/27/11 19:48	1
Chloromethane	0.33	U	1.0	0.33	ug/L			06/27/11 19:48	1
Chloroform	**0.22**	**J**	1.0	0.14	ug/L			06/27/11 19:48	1
3-Chloro-1-propene	0.20	U	1.0	0.20	ug/L			06/27/11 19:48	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			06/27/11 19:48	1
Ethylene Dibromide	0.25	U	1.0	0.25	ug/L			06/27/11 19:48	1
trans-1,4-Dichloro-2-butene	0.50	U	2.0	0.50	ug/L			06/27/11 19:48	1
Dichlorodifluoromethane	**1.7**		1.0	0.25	ug/L			06/27/11 19:48	1
1,1-Dichloroethane	**0.41**	**J**	1.0	0.25	ug/L			06/27/11 19:48	1
1,2-Dichloroethane	0.10	U	1.0	0.10	ug/L			06/27/11 19:48	1
trans-1,2-Dichloroethene	0.20	U	1.0	0.20	ug/L			06/27/11 19:48	1
1,1-Dichloroethene	0.11	U	1.0	0.11	ug/L			06/27/11 19:48	1
Methylene Chloride	1.0	U	5.0	1.0	ug/L			06/27/11 19:48	1
1,2-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/27/11 19:48	1
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			06/27/11 19:48	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			06/27/11 19:48	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			06/27/11 19:48	1
2-Butanone (MEK)	1.0	U	10	1.0	ug/L			06/27/11 19:48	1
Iodomethane	1.0	U	5.0	1.0	ug/L			06/27/11 19:48	1
Methacrylonitrile	3.3	U	20	3.3	ug/L			06/27/11 19:48	1
4-Methyl-2-pentanone (MIBK)	1.0	U	10	1.0	ug/L			06/27/11 19:48	1
Styrene	0.11	U	1.0	0.11	ug/L			06/27/11 19:48	1
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			06/27/11 19:48	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			06/27/11 19:48	1
Tetrachloroethene	0.15	U	1.0	0.15	ug/L			06/27/11 19:48	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			06/27/11 19:48	1
Toluene	**0.57**	**J**	1.0	0.33	ug/L			06/27/11 19:48	1
Bromoform	0.50	U	1.0	0.50	ug/L			06/27/11 19:48	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			06/27/11 19:48	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			06/27/11 19:48	1
Trichloroethene	**0.20**	**J**	1.0	0.13	ug/L			06/27/11 19:48	1
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			06/27/11 19:48	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			06/27/11 19:48	1
Vinyl acetate	0.28	U	2.0	0.28	ug/L			06/27/11 19:48	1
Vinyl chloride	0.18	U	1.0	0.18	ug/L			06/27/11 19:48	1
Xylenes, Total	0.20	U	2.0	0.20	ug/L			06/27/11 19:48	1
2-Hexanone	1.0	U	10	1.0	ug/L			06/27/11 19:48	1
Propionitrile	4.6	U	20	4.6	ug/L			06/27/11 19:48	1
Methyl methacrylate	0.48	U	1.0	0.48	ug/L			06/27/11 19:48	1
Acrolein	7.4	U	20	7.4	ug/L			06/27/11 19:48	1
Acrylonitrile	7.2	U	20	7.2	ug/L			06/27/11 19:48	1
Ethyl methacrylate	0.25	U	1.0	0.25	ug/L			06/27/11 19:48	1

Client Sample ID: SLMW-11R-6-11

Lab Sample ID: 680-69786-10

Date Collected: 06/24/11 17:45

Matrix: Water

Date Received: 06/25/11 10:15

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isobutyl alcohol	11	U	40	11	ug/L			06/27/11 19:48	1
Chlorobromomethane	0.14	U	1.0	0.14	ug/L			06/27/11 19:48	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			06/27/11 19:48	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/27/11 19:48	1
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			06/27/11 19:48	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			06/27/11 19:48	1
2-Chloro-1,3-butadiene	0.30	U	1.0	0.30	ug/L			06/27/11 19:48	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			06/27/11 19:48	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			06/27/11 19:48	1
1,4-Dichlorobenzene	0.28	U	1.0	0.28	ug/L			06/27/11 19:48	1
1,2,4-Trichlorobenzene	0.25	U	1.0	0.25	ug/L			06/27/11 19:48	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			06/27/11 19:48	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*70 - 130*		*06/27/11 19:48*	*1*
4-Bromofluorobenzene	*92*		*70 - 130*		*06/27/11 19:48*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*06/27/11 19:48*	*1*

Client Sample ID: Trip Blank

Lab Sample ID: 680-69786-11

Date Collected: 06/24/11 00:00

Matrix: Water

Date Received: 06/25/11 10:15

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	10	U	40	10	ug/L			07/01/11 18:32	1
Acetone	5.0	U	25	5.0	ug/L			07/01/11 18:32	1
Benzene	0.25	U	1.0	0.25	ug/L			07/01/11 18:32	1
Dichlorobromomethane	0.25	U	1.0	0.25	ug/L			07/01/11 18:32	1
Bromomethane	0.80	U	1.0	0.80	ug/L			07/01/11 18:32	1
Carbon disulfide	0.60	U Q	2.0	0.60	ug/L			07/01/11 18:32	1
Chlorobenzene	0.25	U	1.0	0.25	ug/L			07/01/11 18:32	1
Chlorodibromomethane	0.10	U	1.0	0.10	ug/L			07/01/11 18:32	1
Chloroethane	1.0	U	1.0	1.0	ug/L			07/01/11 18:32	1
Chloromethane	0.33	U	1.0	0.33	ug/L			07/01/11 18:32	1
Chloroform	0.14	U	1.0	0.14	ug/L			07/01/11 18:32	1
3-Chloro-1-propene	0.20	U	1.0	0.20	ug/L			07/01/11 18:32	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			07/01/11 18:32	1
Ethylene Dibromide	0.25	U	1.0	0.25	ug/L			07/01/11 18:32	1
trans-1,4-Dichloro-2-butene	0.50	U	2.0	0.50	ug/L			07/01/11 18:32	1
Dichlorodifluoromethane	0.25	U	1.0	0.25	ug/L			07/01/11 18:32	1
1,1-Dichloroethane	0.25	U	1.0	0.25	ug/L			07/01/11 18:32	1
1,2-Dichloroethane	0.10	U	1.0	0.10	ug/L			07/01/11 18:32	1
trans-1,2-Dichloroethene	0.20	U	1.0	0.20	ug/L			07/01/11 18:32	1
1,1-Dichloroethene	0.11	U	1.0	0.11	ug/L			07/01/11 18:32	1
Methylene Chloride	**3.5**	**J B**	5.0	1.0	ug/L			07/01/11 18:32	1
1,2-Dichloropropane	0.13	U	1.0	0.13	ug/L			07/01/11 18:32	1
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			07/01/11 18:32	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			07/01/11 18:32	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			07/01/11 18:32	1

Client Sample ID: Trip Blank

Lab Sample ID: 680-69786-11

Date Collected: 06/24/11 00:00

Matrix: Water

Date Received: 06/25/11 10:15

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	1.0	U	10	1.0	ug/L			07/01/11 18:32	1
Iodomethane	1.0	U	5.0	1.0	ug/L			07/01/11 18:32	1
Methacrylonitrile	3.3	U	20	3.3	ug/L			07/01/11 18:32	1
4-Methyl-2-pentanone (MIBK)	1.0	U	10	1.0	ug/L			07/01/11 18:32	1
Styrene	0.11	U	1.0	0.11	ug/L			07/01/11 18:32	1
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			07/01/11 18:32	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			07/01/11 18:32	1
Tetrachloroethene	0.15	U	1.0	0.15	ug/L			07/01/11 18:32	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			07/01/11 18:32	1
Toluene	0.33	U	1.0	0.33	ug/L			07/01/11 18:32	1
Bromoform	0.50	U	1.0	0.50	ug/L			07/01/11 18:32	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			07/01/11 18:32	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			07/01/11 18:32	1
Trichloroethene	0.13	U	1.0	0.13	ug/L			07/01/11 18:32	1
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			07/01/11 18:32	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			07/01/11 18:32	1
Vinyl acetate	0.28	U	2.0	0.28	ug/L			07/01/11 18:32	1
Vinyl chloride	0.18	U	1.0	0.18	ug/L			07/01/11 18:32	1
Xylenes, Total	0.20	U	2.0	0.20	ug/L			07/01/11 18:32	1
2-Hexanone	1.0	U	10	1.0	ug/L			07/01/11 18:32	1
Propionitrile	4.6	U	20	4.6	ug/L			07/01/11 18:32	1
Methyl methacrylate	0.48	U	1.0	0.48	ug/L			07/01/11 18:32	1
Acrolein	7.4	U	20	7.4	ug/L			07/01/11 18:32	1
Acrylonitrile	7.2	U	20	7.2	ug/L			07/01/11 18:32	1
Ethyl methacrylate	0.25	U	1.0	0.25	ug/L			07/01/11 18:32	1
Isobutyl alcohol	11	U	40	11	ug/L			07/01/11 18:32	1
Chlorobromomethane	0.14	U	1.0	0.14	ug/L			07/01/11 18:32	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			07/01/11 18:32	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			07/01/11 18:32	1
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			07/01/11 18:32	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			07/01/11 18:32	1
2-Chloro-1,3-butadiene	0.30	U	1.0	0.30	ug/L			07/01/11 18:32	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			07/01/11 18:32	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			07/01/11 18:32	1
1,4-Dichlorobenzene	0.28	U	1.0	0.28	ug/L			07/01/11 18:32	1
1,2,4-Trichlorobenzene	0.25	U	1.0	0.25	ug/L			07/01/11 18:32	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			07/01/11 18:32	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*106*		*70 - 130*		*07/01/11 18:32*	*1*
4-Bromofluorobenzene	*93*		*70 - 130*		*07/01/11 18:32*	*1*
Dibromofluoromethane	*114*		*70 - 130*		*07/01/11 18:32*	*1*

Surrogate Summary

Client: U.S. Army Corps of Engineers
Project/Site: Ft. Bragg Longstreet Landfill

TestAmerica Job ID: 680-69786-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
680-69786-4	SLMW-12AR-6-11	100	93	106
680-69786-5	SLMW-12BR-6-11	100	92	107
680-69786-6	SLMW-06-6-11	99	107	94
680-69786-6 MS	SLMW-06-6-11	109	108	117
680-69786-6 MSD	SLMW-06-6-11	116	111	122
680-69786-7	SLMW-DUP1-6-11	98	110	93
680-69786-8	SLMW-13-6-11	98	93	107
680-69786-9	SLMW-10-6-11	100	94	109
680-69786-10	SLMW-11R-6-11	101	92	110
680-69786-11	Trip Blank	106	93	114
LCS 680-207229/12	Lab Control Sample	99	95	105
LCS 680-207677/17	Lab Control Sample	95	96	110
LCS 680-207792/19	Lab Control Sample	98	113	94
LCS 680-207862/7	Lab Control Sample	100	96	115
LCSD 680-207229/13	Lab Control Sample Dup	98	95	107
LCSD 680-207677/18	Lab Control Sample Dup	96	96	112
LCSD 680-207792/20	Lab Control Sample Dup	98	115	96
LCSD 680-207862/8	Lab Control Sample Dup	100	99	114
MB 680-207229/15	Method Blank	105	92	108
MB 680-207677/20	Method Blank	104	93	110
MB 680-207862/10	Method Blank	107	95	113

Surrogate Legend

TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	PHL	TPH	TBP
Lab Sample ID	Client Sample ID	(38-130)	(25-130)	(39-130)	(25-130)	(10-143)	(31-141)
680-69786-1	SLMW-13-6-11	81	72	82	71	85	85
680-69786-2	SLMW-10-6-11	83	76	82	72	54	86
MB 680-207477/10-A	Method Blank	79	73	82	76	90	81

Surrogate Legend

FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = Terphenyl-d14
TBP = 2,4,6-Tribromophenol

Surrogate Summary

Client: U.S. Army Corps of Engineers
Project/Site: Ft. Bragg Longstreet Landfill

TestAmerica Job ID: 680-69786-1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCB1	DCB2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(40-130)	(40-130)	(36-130)	(36-130)
680-69786-1	SLMW-13-6-11	33 J	30 J	51	49
680-69786-2	SLMW-10-6-11	25 M J	25 J	44	47
680-69786-2 MS	SLMW-10-6-11	21 M J	19 J	48	43
680-69786-2 MSD	SLMW-10-6-11	23 M J	22 J	54	51
LCS 680-207485/16-A	Lab Control Sample	45 M	40	59	57
LCS 680-207485/19-A	Lab Control Sample	44	40	60	58
MB 680-207485/15-A	Method Blank	47	44	56	53

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		TPP2
Lab Sample ID	Client Sample ID	(67-130)
680-69786-2	SLMW-10-6-11	82
LCS 680-207485/22-A	Lab Control Sample	89
LCS 680-207485/25-A	Lab Control Sample	91
MB 680-207485/15-A	Method Blank	90

Surrogate Legend

TPP = Triphenylphosphate

Method: 8151A - Herbicides (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCPA1	DCPA2
Lab Sample ID	Client Sample ID	(52-151)	(52-151)
680-69786-2	SLMW-10-6-11	63	78
LCS 680-207125/21-A	Lab Control Sample	92	98
MB 680-207125/20-A	Method Blank	106 M	85

Surrogate Legend

DCPA = DCAA

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-207229/15
Matrix: Water
Analysis Batch: 207229

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	10	U	40	10	ug/L			06/27/11 11:43	1
Acetone	5.0	U	25	5.0	ug/L			06/27/11 11:43	1
Benzene	0.25	U	1.0	0.25	ug/L			06/27/11 11:43	1
Dichlorobromomethane	0.25	U	1.0	0.25	ug/L			06/27/11 11:43	1
Bromomethane	0.80	U	1.0	0.80	ug/L			06/27/11 11:43	1
Carbon disulfide	0.60	U	2.0	0.60	ug/L			06/27/11 11:43	1
Chlorobenzene	0.25	U	1.0	0.25	ug/L			06/27/11 11:43	1
Chlorodibromomethane	0.10	U	1.0	0.10	ug/L			06/27/11 11:43	1
Chloroethane	1.0	U	1.0	1.0	ug/L			06/27/11 11:43	1
Chloromethane	0.33	U	1.0	0.33	ug/L			06/27/11 11:43	1
Chloroform	0.14	U	1.0	0.14	ug/L			06/27/11 11:43	1
3-Chloro-1-propene	0.20	U	1.0	0.20	ug/L			06/27/11 11:43	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			06/27/11 11:43	1
Ethylene Dibromide	0.25	U	1.0	0.25	ug/L			06/27/11 11:43	1
trans-1,4-Dichloro-2-butene	0.50	U	2.0	0.50	ug/L			06/27/11 11:43	1
Dichlorodifluoromethane	0.25	U	1.0	0.25	ug/L			06/27/11 11:43	1
1,1-Dichloroethane	0.25	U	1.0	0.25	ug/L			06/27/11 11:43	1
1,2-Dichloroethane	0.10	U	1.0	0.10	ug/L			06/27/11 11:43	1
trans-1,2-Dichloroethene	0.20	U	1.0	0.20	ug/L			06/27/11 11:43	1
1,1-Dichloroethene	0.11	U	1.0	0.11	ug/L			06/27/11 11:43	1
Methylene Chloride	1.0	U	5.0	1.0	ug/L			06/27/11 11:43	1
1,2-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/27/11 11:43	1
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			06/27/11 11:43	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			06/27/11 11:43	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			06/27/11 11:43	1
2-Butanone (MEK)	1.0	U	10	1.0	ug/L			06/27/11 11:43	1
Iodomethane	1.0	U	5.0	1.0	ug/L			06/27/11 11:43	1
Methacrylonitrile	3.3	U	20	3.3	ug/L			06/27/11 11:43	1
4-Methyl-2-pentanone (MIBK)	1.0	U	10	1.0	ug/L			06/27/11 11:43	1
Styrene	0.11	U	1.0	0.11	ug/L			06/27/11 11:43	1
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			06/27/11 11:43	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			06/27/11 11:43	1
Tetrachloroethene	0.15	U	1.0	0.15	ug/L			06/27/11 11:43	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			06/27/11 11:43	1
Toluene	0.33	U	1.0	0.33	ug/L			06/27/11 11:43	1
Bromoform	0.50	U	1.0	0.50	ug/L			06/27/11 11:43	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			06/27/11 11:43	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			06/27/11 11:43	1
Trichloroethene	0.13	U	1.0	0.13	ug/L			06/27/11 11:43	1
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			06/27/11 11:43	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			06/27/11 11:43	1
Vinyl acetate	0.28	U	2.0	0.28	ug/L			06/27/11 11:43	1
Vinyl chloride	0.18	U	1.0	0.18	ug/L			06/27/11 11:43	1
Xylenes, Total	0.20	U	2.0	0.20	ug/L			06/27/11 11:43	1
2-Hexanone	1.0	U	10	1.0	ug/L			06/27/11 11:43	1
Propionitrile	4.6	U	20	4.6	ug/L			06/27/11 11:43	1
Methyl methacrylate	0.48	U	1.0	0.48	ug/L			06/27/11 11:43	1
Acrolein	7.4	U	20	7.4	ug/L			06/27/11 11:43	1
Acrylonitrile	7.2	U	20	7.2	ug/L			06/27/11 11:43	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-207229/15
Matrix: Water
Analysis Batch: 207229

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl methacrylate	0.25	U	1.0	0.25	ug/L			06/27/11 11:43	1
Isobutyl alcohol	11	U	40	11	ug/L			06/27/11 11:43	1
Chlorobromomethane	0.14	U	1.0	0.14	ug/L			06/27/11 11:43	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			06/27/11 11:43	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/27/11 11:43	1
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			06/27/11 11:43	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			06/27/11 11:43	1
2-Chloro-1,3-butadiene	0.30	U	1.0	0.30	ug/L			06/27/11 11:43	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			06/27/11 11:43	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			06/27/11 11:43	1
1,4-Dichlorobenzene	0.28	U	1.0	0.28	ug/L			06/27/11 11:43	1
1,2,4-Trichlorobenzene	0.25	U	1.0	0.25	ug/L			06/27/11 11:43	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			06/27/11 11:43	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*105*		*70 - 130*		*06/27/11 11:43*	*1*
4-Bromofluorobenzene	*92*		*70 - 130*		*06/27/11 11:43*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*06/27/11 11:43*	*1*

Lab Sample ID: LCS 680-207229/12
Matrix: Water
Analysis Batch: 207229

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	100	97.3		ug/L		97	26 - 180
Benzene	50.0	47.7		ug/L		95	70 - 130
Dichlorobromomethane	50.0	46.8		ug/L		94	70 - 130
Bromomethane	50.0	46.9		ug/L		94	23 - 165
Carbon disulfide	50.0	51.2		ug/L		102	54 - 132
Chlorobenzene	50.0	47.1		ug/L		94	70 - 130
Chlorodibromomethane	50.0	45.3		ug/L		91	70 - 130
Chloroethane	50.0	51.6		ug/L		103	56 - 152
Chloromethane	50.0	51.5		ug/L		103	70 - 130
Chloroform	50.0	50.5		ug/L		101	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	46.9		ug/L		94	70 - 130
Ethylene Dibromide	50.0	48.0		ug/L		96	70 - 130
Dichlorodifluoromethane	50.0	61.2		ug/L		122	44 - 146
1,1-Dichloroethane	50.0	50.7		ug/L		101	70 - 130
1,2-Dichloroethane	50.0	49.2		ug/L		98	70 - 130
trans-1,2-Dichloroethene	50.0	51.8		ug/L		104	70 - 130
1,1-Dichloroethene	50.0	53.6		ug/L		107	66 - 131
Methylene Chloride	50.0	51.4		ug/L		103	67 - 130
1,2-Dichloropropane	50.0	48.6		ug/L		97	70 - 130
cis-1,3-Dichloropropene	50.0	47.2		ug/L		94	70 - 130
trans-1,3-Dichloropropene	50.0	46.4		ug/L		93	70 - 130
Ethylbenzene	50.0	47.0		ug/L		94	70 - 130
2-Butanone (MEK)	100	91.5		ug/L		92	49 - 172
4-Methyl-2-pentanone (MIBK)	100	80.4		ug/L		80	70 - 130
Styrene	50.0	46.0		ug/L		92	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-207229/12
Matrix: Water
Analysis Batch: 207229

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	44.4		ug/L		89	70 - 130
1,1,2,2-Tetrachloroethane	50.0	48.7		ug/L		97	70 - 130
Tetrachloroethene	50.0	46.1		ug/L		92	70 - 130
Carbon tetrachloride	50.0	43.3		ug/L		87	70 - 130
Toluene	50.0	47.7		ug/L		95	70 - 130
Bromoform	50.0	43.2		ug/L		86	70 - 130
1,1,2-Trichloroethane	50.0	47.1		ug/L		94	70 - 130
1,1,1-Trichloroethane	50.0	47.5		ug/L		95	70 - 130
Trichloroethene	50.0	49.9		ug/L		100	70 - 130
Trichlorofluoromethane	50.0	50.3		ug/L		101	55 - 156
1,2,3-Trichloropropane	50.0	46.1		ug/L		92	70 - 130
Vinyl acetate	100	159		ug/L		159	60 - 176
Vinyl chloride	50.0	52.9		ug/L		106	67 - 134
Xylenes, Total	150	137		ug/L		91	70 - 130
2-Hexanone	100	83.9		ug/L		84	42 - 185
Chlorobromomethane	50.0	51.1		ug/L		102	70 - 130
cis-1,2-Dichloroethene	50.0	51.4		ug/L		103	70 - 130
1,3-Dichloropropane	50.0	47.8		ug/L		96	70 - 130
2,2-Dichloropropane	50.0	54.0		ug/L		108	70 - 135
1,1-Dichloropropene	50.0	47.4		ug/L		95	70 - 130
1,2-Dichlorobenzene	50.0	49.8		ug/L		100	70 - 130
1,3-Dichlorobenzene	50.0	49.5		ug/L		99	70 - 130
1,4-Dichlorobenzene	50.0	48.2		ug/L		96	70 - 130
1,2,4-Trichlorobenzene	50.0	47.7		ug/L		95	65 - 130
Dibromomethane	50.0	47.1		ug/L		94	70 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene	*95*		*70 - 130*
Dibromofluoromethane	*105*		*70 - 130*

Lab Sample ID: LCSD 680-207229/13
Matrix: Water
Analysis Batch: 207229

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Acetone	100	98.9		ug/L		99	26 - 180	2	50
Benzene	50.0	48.5		ug/L		97	70 - 130	2	30
Dichlorobromomethane	50.0	47.1		ug/L		94	70 - 130	1	30
Bromomethane	50.0	52.9		ug/L		106	23 - 165	12	50
Carbon disulfide	50.0	51.1		ug/L		102	54 - 132	0	30
Chlorobenzene	50.0	47.5		ug/L		95	70 - 130	1	30
Chlorodibromomethane	50.0	45.8		ug/L		92	70 - 130	1	50
Chloroethane	50.0	49.9		ug/L		100	56 - 152	3	40
Chloromethane	50.0	51.1		ug/L		102	70 - 130	1	30
Chloroform	50.0	51.5		ug/L		103	70 - 130	2	30
1,2-Dibromo-3-Chloropropane	50.0	47.3		ug/L		95	70 - 130	1	50
Ethylene Dibromide	50.0	47.5		ug/L		95	70 - 130	1	30
Dichlorodifluoromethane	50.0	61.8		ug/L		124	44 - 146	1	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-207229/13
Matrix: Water
Analysis Batch: 207229

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	50.0	52.3		ug/L		105	70 - 130	3	30
1,2-Dichloroethane	50.0	49.8		ug/L		100	70 - 130	1	30
trans-1,2-Dichloroethene	50.0	54.1		ug/L		108	70 - 130	4	30
1,1-Dichloroethene	50.0	56.2		ug/L		112	66 - 131	5	30
Methylene Chloride	50.0	51.0		ug/L		102	67 - 130	1	30
1,2-Dichloropropane	50.0	48.0		ug/L		96	70 - 130	1	30
cis-1,3-Dichloropropene	50.0	47.5		ug/L		95	70 - 130	1	30
trans-1,3-Dichloropropene	50.0	46.6		ug/L		93	70 - 130	0	50
Ethylbenzene	50.0	47.5		ug/L		95	70 - 130	1	30
2-Butanone (MEK)	100	92.9		ug/L		93	49 - 172	1	30
4-Methyl-2-pentanone (MIBK)	100	80.8		ug/L		81	70 - 130	0	30
Styrene	50.0	45.8		ug/L		92	70 - 130	0	30
1,1,1,2-Tetrachloroethane	50.0	45.2		ug/L		90	70 - 130	2	30
1,1,2,2-Tetrachloroethane	50.0	48.9		ug/L		98	70 - 130	1	30
Tetrachloroethene	50.0	48.3		ug/L		97	70 - 130	5	30
Carbon tetrachloride	50.0	44.1		ug/L		88	70 - 130	2	30
Toluene	50.0	47.4		ug/L		95	70 - 130	1	30
Bromoform	50.0	44.0		ug/L		88	70 - 130	2	30
1,1,2-Trichloroethane	50.0	47.0		ug/L		94	70 - 130	0	30
1,1,1-Trichloroethane	50.0	47.7		ug/L		95	70 - 130	1	30
Trichloroethene	50.0	50.8		ug/L		102	70 - 130	2	30
Trichlorofluoromethane	50.0	50.2		ug/L		100	55 - 156	0	30
1,2,3-Trichloropropane	50.0	46.6		ug/L		93	70 - 130	1	30
Vinyl acetate	100	163		ug/L		163	60 - 176	2	30
Vinyl chloride	50.0	51.7		ug/L		103	67 - 134	2	30
Xylenes, Total	150	138		ug/L		92	70 - 130	1	30
2-Hexanone	100	85.2		ug/L		85	42 - 185	2	30
Chlorobromomethane	50.0	51.1		ug/L		102	70 - 130	0	30
cis-1,2-Dichloroethene	50.0	53.1		ug/L		106	70 - 130	3	30
1,3-Dichloropropane	50.0	47.5		ug/L		95	70 - 130	1	30
2,2-Dichloropropane	50.0	54.4		ug/L		109	70 - 135	1	30
1,1-Dichloropropene	50.0	48.9		ug/L		98	70 - 130	3	30
1,2-Dichlorobenzene	50.0	50.2		ug/L		100	70 - 130	1	30
1,3-Dichlorobenzene	50.0	50.0		ug/L		100	70 - 130	1	30
1,4-Dichlorobenzene	50.0	48.6		ug/L		97	70 - 130	1	30
1,2,4-Trichlorobenzene	50.0	48.3		ug/L		97	65 - 130	1	30
Dibromomethane	50.0	47.1		ug/L		94	70 - 130	0	30

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene	*95*		*70 - 130*
Dibromofluoromethane	*107*		*70 - 130*

Lab Sample ID: MB 680-207677/20
Matrix: Water
Analysis Batch: 207677

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	10	U	40	10	ug/L			06/29/11 11:42	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-207677/20
Matrix: Water
Analysis Batch: 207677

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	5.0	U	25	5.0	ug/L			06/29/11 11:42	1
Benzene	0.25	U	1.0	0.25	ug/L			06/29/11 11:42	1
Dichlorobromomethane	0.25	U	1.0	0.25	ug/L			06/29/11 11:42	1
Bromomethane	0.80	U	1.0	0.80	ug/L			06/29/11 11:42	1
Carbon disulfide	0.60	U	2.0	0.60	ug/L			06/29/11 11:42	1
Chlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 11:42	1
Chlorodibromomethane	0.10	U	1.0	0.10	ug/L			06/29/11 11:42	1
Chloroethane	1.0	U	1.0	1.0	ug/L			06/29/11 11:42	1
Chloromethane	0.33	U	1.0	0.33	ug/L			06/29/11 11:42	1
Chloroform	0.14	U	1.0	0.14	ug/L			06/29/11 11:42	1
3-Chloro-1-propene	0.20	U	1.0	0.20	ug/L			06/29/11 11:42	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			06/29/11 11:42	1
Ethylene Dibromide	0.25	U	1.0	0.25	ug/L			06/29/11 11:42	1
trans-1,4-Dichloro-2-butene	0.50	U	2.0	0.50	ug/L			06/29/11 11:42	1
Dichlorodifluoromethane	0.25	U	1.0	0.25	ug/L			06/29/11 11:42	1
1,1-Dichloroethane	0.25	U	1.0	0.25	ug/L			06/29/11 11:42	1
1,2-Dichloroethane	0.10	U	1.0	0.10	ug/L			06/29/11 11:42	1
trans-1,2-Dichloroethene	0.20	U	1.0	0.20	ug/L			06/29/11 11:42	1
1,1-Dichloroethene	0.11	U	1.0	0.11	ug/L			06/29/11 11:42	1
Methylene Chloride	3.15	J	5.0	1.0	ug/L			06/29/11 11:42	1
1,2-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/29/11 11:42	1
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			06/29/11 11:42	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			06/29/11 11:42	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			06/29/11 11:42	1
2-Butanone (MEK)	1.0	U	10	1.0	ug/L			06/29/11 11:42	1
Iodomethane	1.0	U	5.0	1.0	ug/L			06/29/11 11:42	1
Methacrylonitrile	3.3	U	20	3.3	ug/L			06/29/11 11:42	1
4-Methyl-2-pentanone (MIBK)	1.0	U	10	1.0	ug/L			06/29/11 11:42	1
Styrene	0.11	U	1.0	0.11	ug/L			06/29/11 11:42	1
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			06/29/11 11:42	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			06/29/11 11:42	1
Tetrachloroethene	0.15	U	1.0	0.15	ug/L			06/29/11 11:42	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			06/29/11 11:42	1
Toluene	0.33	U	1.0	0.33	ug/L			06/29/11 11:42	1
Bromoform	0.50	U	1.0	0.50	ug/L			06/29/11 11:42	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			06/29/11 11:42	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			06/29/11 11:42	1
Trichloroethene	0.13	U	1.0	0.13	ug/L			06/29/11 11:42	1
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			06/29/11 11:42	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			06/29/11 11:42	1
Vinyl acetate	0.28	U	2.0	0.28	ug/L			06/29/11 11:42	1
Vinyl chloride	0.18	U	1.0	0.18	ug/L			06/29/11 11:42	1
Xylenes, Total	0.20	U	2.0	0.20	ug/L			06/29/11 11:42	1
2-Hexanone	1.0	U	10	1.0	ug/L			06/29/11 11:42	1
Propionitrile	4.6	U	20	4.6	ug/L			06/29/11 11:42	1
Methyl methacrylate	0.48	U	1.0	0.48	ug/L			06/29/11 11:42	1
Acrolein	7.4	U	20	7.4	ug/L			06/29/11 11:42	1
Acrylonitrile	7.2	U	20	7.2	ug/L			06/29/11 11:42	1
Ethyl methacrylate	0.25	U	1.0	0.25	ug/L			06/29/11 11:42	1
Isobutyl alcohol	11	U	40	11	ug/L			06/29/11 11:42	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-207677/20
Matrix: Water
Analysis Batch: 207677

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.14	U	1.0	0.14	ug/L			06/29/11 11:42	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			06/29/11 11:42	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/29/11 11:42	1
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			06/29/11 11:42	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			06/29/11 11:42	1
2-Chloro-1,3-butadiene	0.30	U	1.0	0.30	ug/L			06/29/11 11:42	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			06/29/11 11:42	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 11:42	1
1,4-Dichlorobenzene	0.28	U	1.0	0.28	ug/L			06/29/11 11:42	1
1,2,4-Trichlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 11:42	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			06/29/11 11:42	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*70 - 130*		*06/29/11 11:42*	*1*
4-Bromofluorobenzene	*93*		*70 - 130*		*06/29/11 11:42*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*06/29/11 11:42*	*1*

Lab Sample ID: LCS 680-207677/17
Matrix: Water
Analysis Batch: 207677

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	100	96.6		ug/L		97	26 - 180
Benzene	50.0	47.4		ug/L		95	70 - 130
Dichlorobromomethane	50.0	47.1		ug/L		94	70 - 130
Bromomethane	50.0	44.2		ug/L		88	23 - 165
Carbon disulfide	50.0	50.6		ug/L		101	54 - 132
Chlorobenzene	50.0	47.6		ug/L		95	70 - 130
Chlorodibromomethane	50.0	46.7		ug/L		93	70 - 130
Chloroethane	50.0	44.4		ug/L		89	56 - 152
Chloromethane	50.0	48.1		ug/L		96	70 - 130
Chloroform	50.0	53.1		ug/L		106	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	47.2		ug/L		94	70 - 130
Ethylene Dibromide	50.0	47.0		ug/L		94	70 - 130
Dichlorodifluoromethane	50.0	60.5		ug/L		121	44 - 146
1,1-Dichloroethane	50.0	52.5		ug/L		105	70 - 130
1,2-Dichloroethane	50.0	47.7		ug/L		95	70 - 130
trans-1,2-Dichloroethene	50.0	55.5		ug/L		111	70 - 130
1,1-Dichloroethene	50.0	57.7		ug/L		115	66 - 131
Methylene Chloride	50.0	51.0		ug/L		102	67 - 130
1,2-Dichloropropane	50.0	46.3		ug/L		93	70 - 130
cis-1,3-Dichloropropene	50.0	47.3		ug/L		95	70 - 130
trans-1,3-Dichloropropene	50.0	44.9		ug/L		90	70 - 130
Ethylbenzene	50.0	46.5		ug/L		93	70 - 130
2-Butanone (MEK)	100	95.2		ug/L		95	49 - 172
4-Methyl-2-pentanone (MIBK)	100	78.4		ug/L		78	70 - 130
Styrene	50.0	44.7		ug/L		89	70 - 130
1,1,1,2-Tetrachloroethane	50.0	46.1		ug/L		92	70 - 130
1,1,2,2-Tetrachloroethane	50.0	48.0		ug/L		96	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-207677/17
Matrix: Water
Analysis Batch: 207677

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Tetrachloroethene	50.0	48.5		ug/L		97	70 - 130
Carbon tetrachloride	50.0	43.5		ug/L		87	70 - 130
Toluene	50.0	45.7		ug/L		91	70 - 130
Bromoform	50.0	44.5		ug/L		89	70 - 130
1,1,2-Trichloroethane	50.0	46.9		ug/L		94	70 - 130
1,1,1-Trichloroethane	50.0	47.5		ug/L		95	70 - 130
Trichloroethene	50.0	51.6		ug/L		103	70 - 130
Trichlorofluoromethane	50.0	48.0		ug/L		96	55 - 156
1,2,3-Trichloropropane	50.0	47.6		ug/L		95	70 - 130
Vinyl acetate	100	165		ug/L		165	60 - 176
Vinyl chloride	50.0	47.5		ug/L		95	67 - 134
Xylenes, Total	150	135		ug/L		90	70 - 130
2-Hexanone	100	86.3		ug/L		86	42 - 185
Chlorobromomethane	50.0	50.5		ug/L		101	70 - 130
cis-1,2-Dichloroethene	50.0	55.3		ug/L		111	70 - 130
1,3-Dichloropropane	50.0	46.6		ug/L		93	70 - 130
2,2-Dichloropropane	50.0	55.8		ug/L		112	70 - 135
1,1-Dichloropropene	50.0	47.9		ug/L		96	70 - 130
1,2-Dichlorobenzene	50.0	48.4		ug/L		97	70 - 130
1,3-Dichlorobenzene	50.0	48.3		ug/L		97	70 - 130
1,4-Dichlorobenzene	50.0	47.0		ug/L		94	70 - 130
1,2,4-Trichlorobenzene	50.0	48.2		ug/L		96	65 - 130
Dibromomethane	50.0	45.6		ug/L		91	70 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*95*		*70 - 130*
4-Bromofluorobenzene	*96*		*70 - 130*
Dibromofluoromethane	*110*		*70 - 130*

Lab Sample ID: LCSD 680-207677/18
Matrix: Water
Analysis Batch: 207677

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Acetone	100	99.9		ug/L		100	26 - 180	3	50
Benzene	50.0	47.6		ug/L		95	70 - 130	0	30
Dichlorobromomethane	50.0	46.6		ug/L		93	70 - 130	1	30
Bromomethane	50.0	50.5		ug/L		101	23 - 165	13	50
Carbon disulfide	50.0	52.5		ug/L		105	54 - 132	4	30
Chlorobenzene	50.0	47.2		ug/L		94	70 - 130	1	30
Chlorodibromomethane	50.0	46.2		ug/L		92	70 - 130	1	50
Chloroethane	50.0	42.1		ug/L		84	56 - 152	5	40
Chloromethane	50.0	48.9		ug/L		98	70 - 130	2	30
Chloroform	50.0	52.7		ug/L		105	70 - 130	1	30
1,2-Dibromo-3-Chloropropane	50.0	47.8		ug/L		96	70 - 130	1	50
Ethylene Dibromide	50.0	48.4		ug/L		97	70 - 130	3	30
Dichlorodifluoromethane	50.0	61.7		ug/L		123	44 - 146	2	50
1,1-Dichloroethane	50.0	52.2		ug/L		104	70 - 130	1	30
1,2-Dichloroethane	50.0	47.0		ug/L		94	70 - 130	1	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-207677/18
Matrix: Water
Analysis Batch: 207677

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
trans-1,2-Dichloroethene	50.0	55.0		ug/L		110	70 - 130	1	30
1,1-Dichloroethene	50.0	59.1		ug/L		118	66 - 131	2	30
Methylene Chloride	50.0	52.8		ug/L		106	67 - 130	4	30
1,2-Dichloropropane	50.0	46.3		ug/L		93	70 - 130	0	30
cis-1,3-Dichloropropene	50.0	46.8		ug/L		94	70 - 130	1	30
trans-1,3-Dichloropropene	50.0	44.9		ug/L		90	70 - 130	0	50
Ethylbenzene	50.0	46.9		ug/L		94	70 - 130	1	30
2-Butanone (MEK)	100	92.1		ug/L		92	49 - 172	3	30
4-Methyl-2-pentanone (MIBK)	100	78.3		ug/L		78	70 - 130	0	30
Styrene	50.0	44.5		ug/L		89	70 - 130	0	30
1,1,1,2-Tetrachloroethane	50.0	45.7		ug/L		91	70 - 130	1	30
1,1,2,2-Tetrachloroethane	50.0	47.5		ug/L		95	70 - 130	1	30
Tetrachloroethene	50.0	49.0		ug/L		98	70 - 130	1	30
Carbon tetrachloride	50.0	43.1		ug/L		86	70 - 130	1	30
Toluene	50.0	46.1		ug/L		92	70 - 130	1	30
Bromoform	50.0	43.8		ug/L		88	70 - 130	2	30
1,1,2-Trichloroethane	50.0	46.9		ug/L		94	70 - 130	0	30
1,1,1-Trichloroethane	50.0	47.5		ug/L		95	70 - 130	0	30
Trichloroethene	50.0	51.0		ug/L		102	70 - 130	1	30
Trichlorofluoromethane	50.0	47.1		ug/L		94	55 - 156	2	30
1,2,3-Trichloropropane	50.0	45.4		ug/L		91	70 - 130	5	30
Vinyl acetate	100	161		ug/L		161	60 - 176	3	30
Vinyl chloride	50.0	48.8		ug/L		98	67 - 134	3	30
Xylenes, Total	150	135		ug/L		90	70 - 130	0	30
2-Hexanone	100	84.4		ug/L		84	42 - 185	2	30
Chlorobromomethane	50.0	50.6		ug/L		101	70 - 130	0	30
cis-1,2-Dichloroethene	50.0	54.2		ug/L		108	70 - 130	2	30
1,3-Dichloropropane	50.0	46.3		ug/L		93	70 - 130	1	30
2,2-Dichloropropane	50.0	55.9		ug/L		112	70 - 135	0	30
1,1-Dichloropropene	50.0	48.2		ug/L		96	70 - 130	1	30
1,2-Dichlorobenzene	50.0	49.0		ug/L		98	70 - 130	1	30
1,3-Dichlorobenzene	50.0	49.3		ug/L		99	70 - 130	2	30
1,4-Dichlorobenzene	50.0	48.0		ug/L		96	70 - 130	2	30
1,2,4-Trichlorobenzene	50.0	48.1		ug/L		96	65 - 130	0	30
Dibromomethane	50.0	46.1		ug/L		92	70 - 130	1	30

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*96*		*70 - 130*
4-Bromofluorobenzene	*96*		*70 - 130*
Dibromofluoromethane	*112*		*70 - 130*

Lab Sample ID: 680-69786-6 MS
Matrix: Water
Analysis Batch: 207677

Client Sample ID: SLMW-06-6-11
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	5.0	U	100	98.6		ug/L		99	26 - 180
Benzene	0.25	U	50.0	52.5		ug/L		105	70 - 130
Dichlorobromomethane	0.25	U	50.0	50.8		ug/L		102	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 680-69786-6 MS
Matrix: Water
Analysis Batch: 207677

Client Sample ID: SLMW-06-6-11
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Bromomethane	0.80	U J	50.0	34.9		ug/L		70	23 - 165
Carbon disulfide	0.60	U	50.0	54.7		ug/L		109	54 - 132
Chlorobenzene	0.25	U	50.0	53.4		ug/L		107	70 - 130
Chlorodibromomethane	0.10	U	50.0	49.5		ug/L		99	70 - 130
Chloroethane	1.0	U	50.0	57.7		ug/L		115	56 - 152
Chloromethane	0.33	U	50.0	57.3		ug/L		115	70 - 130
Chloroform	0.28	J	50.0	57.2		ug/L		114	70 - 130
1,2-Dibromo-3-Chloropropane	0.44	U	50.0	50.7		ug/L		101	70 - 130
Ethylene Dibromide	0.25	U	50.0	51.7		ug/L		103	70 - 130
Dichlorodifluoromethane	0.48	J	50.0	64.8		ug/L		129	44 - 146
1,1-Dichloroethane	0.25	U	50.0	57.4		ug/L		115	70 - 130
1,2-Dichloroethane	0.10	U	50.0	52.4		ug/L		105	70 - 130
trans-1,2-Dichloroethene	0.20	U	50.0	58.8		ug/L		118	70 - 130
1,1-Dichloroethene	0.11	U	50.0	62.7		ug/L		125	66 - 131
Methylene Chloride	3.1	J B	50.0	54.6		ug/L		103	67 - 130
1,2-Dichloropropane	0.13	U	50.0	52.1		ug/L		104	70 - 130
cis-1,3-Dichloropropene	0.11	U	50.0	49.5		ug/L		99	70 - 130
trans-1,3-Dichloropropene	0.21	U	50.0	47.4		ug/L		95	70 - 130
Ethylbenzene	0.11	U	50.0	54.3		ug/L		109	70 - 130
2-Butanone (MEK)	1.0	U	100	96.1		ug/L		96	49 - 172
4-Methyl-2-pentanone (MIBK)	1.0	U	100	86.1		ug/L		86	70 - 130
Styrene	0.11	U	50.0	50.9		ug/L		102	70 - 130
1,1,1,2-Tetrachloroethane	0.33	U	50.0	50.0		ug/L		100	70 - 130
1,1,2,2-Tetrachloroethane	0.18	U	50.0	55.8		ug/L		112	70 - 130
Tetrachloroethene	0.15	U	50.0	54.1		ug/L		108	70 - 130
Carbon tetrachloride	0.50	U	50.0	46.5		ug/L		93	70 - 130
Toluene	0.33	U	50.0	53.1		ug/L		106	70 - 130
Bromoform	0.50	U	50.0	47.7		ug/L		95	70 - 130
1,1,2-Trichloroethane	0.13	U	50.0	52.0		ug/L		104	70 - 130
1,1,1-Trichloroethane	0.50	U	50.0	51.6		ug/L		103	70 - 130
Trichloroethene	0.13	U	50.0	54.6		ug/L		109	70 - 130
Trichlorofluoromethane	0.25	U	50.0	62.3		ug/L		125	55 - 156
1,2,3-Trichloropropane	0.41	U	50.0	53.3		ug/L		107	70 - 130
Vinyl acetate	0.28	U	100	121		ug/L		121	60 - 176
Vinyl chloride	0.18	U	50.0	57.6		ug/L		115	67 - 134
Xylenes, Total	0.20	U	150	155		ug/L		103	70 - 130
2-Hexanone	1.0	U	100	89.5		ug/L		89	42 - 185
Chlorobromomethane	0.14	U	50.0	55.5		ug/L		111	70 - 130
cis-1,2-Dichloroethene	0.15	U	50.0	56.8		ug/L		114	70 - 130
1,3-Dichloropropane	0.13	U	50.0	51.3		ug/L		103	70 - 130
2,2-Dichloropropane	0.12	U	50.0	60.9		ug/L		122	70 - 135
1,1-Dichloropropene	0.25	U	50.0	53.7		ug/L		107	70 - 130
1,2-Dichlorobenzene	0.21	U	50.0	55.2		ug/L		110	70 - 130
1,3-Dichlorobenzene	0.25	U	50.0	55.8		ug/L		112	70 - 130
1,4-Dichlorobenzene	0.28	U	50.0	54.6		ug/L		109	70 - 130
1,2,4-Trichlorobenzene	0.25	U	50.0	51.8		ug/L		104	65 - 130
Dibromomethane	0.20	U	50.0	48.6		ug/L		97	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 680-69786-6 MS
Matrix: Water
Analysis Batch: 207677

Client Sample ID: SLMW-06-6-11
Prep Type: Total/NA

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*109*		*70 - 130*
4-Bromofluorobenzene	*108*		*70 - 130*
Dibromofluoromethane	*117*		*70 - 130*

Lab Sample ID: 680-69786-6 MSD
Matrix: Water
Analysis Batch: 207677

Client Sample ID: SLMW-06-6-11
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Acetone	5.0	U	100	98.8		ug/L		99	26 - 180	0	50
Benzene	0.25	U	50.0	55.6		ug/L		111	70 - 130	6	30
Dichlorobromomethane	0.25	U	50.0	54.0		ug/L		108	70 - 130	6	30
Bromomethane	0.80	U J	50.0	58.6	J	ug/L		117	23 - 165	51	50
Carbon disulfide	0.60	U	50.0	57.2		ug/L		114	54 - 132	4	30
Chlorobenzene	0.25	U	50.0	55.2		ug/L		110	70 - 130	3	30
Chlorodibromomethane	0.10	U	50.0	51.6		ug/L		103	70 - 130	4	50
Chloroethane	1.0	U	50.0	61.9		ug/L		124	56 - 152	7	40
Chloromethane	0.33	U	50.0	59.7		ug/L		119	70 - 130	4	30
Chloroform	0.28	J	50.0	60.3		ug/L		120	70 - 130	5	30
1,2-Dibromo-3-Chloropropane	0.44	U	50.0	53.7		ug/L		107	70 - 130	6	50
Ethylene Dibromide	0.25	U	50.0	52.4		ug/L		105	70 - 130	1	30
Dichlorodifluoromethane	0.48	J	50.0	67.2		ug/L		134	44 - 146	4	50
1,1-Dichloroethane	0.25	U	50.0	59.9		ug/L		120	70 - 130	4	30
1,2-Dichloroethane	0.10	U	50.0	55.4		ug/L		111	70 - 130	6	30
trans-1,2-Dichloroethene	0.20	U	50.0	62.8		ug/L		126	70 - 130	7	30
1,1-Dichloroethene	0.11	U	50.0	64.7		ug/L		129	66 - 131	3	30
Methylene Chloride	3.1	J B	50.0	57.4		ug/L		109	67 - 130	5	30
1,2-Dichloropropane	0.13	U	50.0	54.9		ug/L		110	70 - 130	5	30
cis-1,3-Dichloropropene	0.11	U	50.0	53.1		ug/L		106	70 - 130	7	30
trans-1,3-Dichloropropene	0.21	U	50.0	51.7		ug/L		103	70 - 130	9	50
Ethylbenzene	0.11	U	50.0	56.1		ug/L		112	70 - 130	3	30
2-Butanone (MEK)	1.0	U	100	101		ug/L		101	49 - 172	5	30
4-Methyl-2-pentanone (MIBK)	1.0	U	100	88.3		ug/L		88	70 - 130	2	30
Styrene	0.11	U	50.0	52.8		ug/L		106	70 - 130	4	30
1,1,1,2-Tetrachloroethane	0.33	U	50.0	51.8		ug/L		104	70 - 130	3	30
1,1,2,2-Tetrachloroethane	0.18	U	50.0	56.6		ug/L		113	70 - 130	1	30
Tetrachloroethene	0.15	U	50.0	56.7		ug/L		113	70 - 130	5	30
Carbon tetrachloride	0.50	U	50.0	49.8		ug/L		100	70 - 130	7	30
Toluene	0.33	U	50.0	55.5		ug/L		111	70 - 130	4	30
Bromoform	0.50	U	50.0	50.8		ug/L		102	70 - 130	6	30
1,1,2-Trichloroethane	0.13	U	50.0	54.6		ug/L		109	70 - 130	5	30
1,1,1-Trichloroethane	0.50	U	50.0	55.1		ug/L		110	70 - 130	7	30
Trichloroethene	0.13	U	50.0	57.6		ug/L		115	70 - 130	5	30
Trichlorofluoromethane	0.25	U	50.0	64.0		ug/L		128	55 - 156	3	30
1,2,3-Trichloropropane	0.41	U	50.0	52.0		ug/L		104	70 - 130	2	30
Vinyl acetate	0.28	U	100	128		ug/L		128	60 - 176	6	30
Vinyl chloride	0.18	U	50.0	58.7		ug/L		117	67 - 134	2	30
Xylenes, Total	0.20	U	150	161		ug/L		107	70 - 130	4	30
2-Hexanone	1.0	U	100	92.1		ug/L		92	42 - 185	3	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 680-69786-6 MSD
Matrix: Water
Analysis Batch: 207677

Client Sample ID: SLMW-06-6-11
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Chlorobromomethane	0.14	U	50.0	58.7		ug/L		117	70 - 130	6	30
cis-1,2-Dichloroethene	0.15	U	50.0	60.3		ug/L		121	70 - 130	6	30
1,3-Dichloropropane	0.13	U	50.0	53.9		ug/L		108	70 - 130	5	30
2,2-Dichloropropane	0.12	U	50.0	64.8		ug/L		130	70 - 135	6	30
1,1-Dichloropropene	0.25	U	50.0	57.0		ug/L		114	70 - 130	6	30
1,2-Dichlorobenzene	0.21	U	50.0	57.9		ug/L		116	70 - 130	5	30
1,3-Dichlorobenzene	0.25	U	50.0	58.3		ug/L		117	70 - 130	4	30
1,4-Dichlorobenzene	0.28	U	50.0	58.0		ug/L		116	70 - 130	6	30
1,2,4-Trichlorobenzene	0.25	U	50.0	55.5		ug/L		111	65 - 130	7	30
Dibromomethane	0.20	U	50.0	53.0		ug/L		106	70 - 130	9	30

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*116*		*70 - 130*
4-Bromofluorobenzene	*111*		*70 - 130*
Dibromofluoromethane	*122*		*70 - 130*

Lab Sample ID: LCS 680-207792/19
Matrix: Water
Analysis Batch: 207792

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	100	89.5		ug/L		89	26 - 180
Benzene	50.0	45.6		ug/L		91	70 - 130
Dichlorobromomethane	50.0	48.1		ug/L		96	70 - 130
Bromomethane	50.0	51.4		ug/L		103	23 - 165
Carbon disulfide	50.0	47.0		ug/L		94	54 - 132
Chlorobenzene	50.0	52.4		ug/L		105	70 - 130
Chlorodibromomethane	50.0	49.1		ug/L		98	70 - 130
Chloroethane	50.0	56.3		ug/L		113	56 - 152
Chloromethane	50.0	59.8		ug/L		120	70 - 130
Chloroform	50.0	49.0		ug/L		98	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	56.9		ug/L		114	70 - 130
Ethylene Dibromide	50.0	46.2		ug/L		92	70 - 130
Dichlorodifluoromethane	50.0	56.2		ug/L		112	44 - 146
1,1-Dichloroethane	50.0	46.4		ug/L		93	70 - 130
1,2-Dichloroethane	50.0	44.0		ug/L		88	70 - 130
trans-1,2-Dichloroethene	50.0	47.6		ug/L		95	70 - 130
1,1-Dichloroethene	50.0	51.2		ug/L		102	66 - 131
Methylene Chloride	50.0	48.8		ug/L		98	67 - 130
1,2-Dichloropropane	50.0	45.7		ug/L		91	70 - 130
cis-1,3-Dichloropropene	50.0	49.6		ug/L		99	70 - 130
trans-1,3-Dichloropropene	50.0	50.4		ug/L		101	70 - 130
Ethylbenzene	50.0	51.3		ug/L		103	70 - 130
2-Butanone (MEK)	100	87.9		ug/L		88	49 - 172
4-Methyl-2-pentanone (MIBK)	100	85.8		ug/L		86	70 - 130
Styrene	50.0	53.8		ug/L		108	70 - 130
1,1,1,2-Tetrachloroethane	50.0	59.0		ug/L		118	70 - 130
1,1,2,2-Tetrachloroethane	50.0	50.1		ug/L		100	70 - 130
Tetrachloroethene	50.0	57.4		ug/L		115	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-207792/19
Matrix: Water
Analysis Batch: 207792

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Carbon tetrachloride	50.0	51.0		ug/L		102	70 - 130
Toluene	50.0	46.8		ug/L		94	70 - 130
Bromoform	50.0	55.0		ug/L		110	70 - 130
1,1,2-Trichloroethane	50.0	46.8		ug/L		94	70 - 130
1,1,1-Trichloroethane	50.0	48.6		ug/L		97	70 - 130
Trichloroethene	50.0	49.1		ug/L		98	70 - 130
Trichlorofluoromethane	50.0	56.7		ug/L		113	55 - 156
1,2,3-Trichloropropane	50.0	50.8		ug/L		102	70 - 130
Vinyl acetate	100	104		ug/L		104	60 - 176
Vinyl chloride	50.0	54.1		ug/L		108	67 - 134
Xylenes, Total	150	158		ug/L		106	70 - 130
2-Hexanone	100	109		ug/L		109	42 - 185
Chlorobromomethane	50.0	42.6		ug/L		85	70 - 130
cis-1,2-Dichloroethene	50.0	46.7		ug/L		93	70 - 130
1,3-Dichloropropane	50.0	45.8		ug/L		92	70 - 130
2,2-Dichloropropane	50.0	48.5		ug/L		97	70 - 135
1,1-Dichloropropene	50.0	46.4		ug/L		93	70 - 130
1,2-Dichlorobenzene	50.0	52.2		ug/L		104	70 - 130
1,3-Dichlorobenzene	50.0	51.7		ug/L		103	70 - 130
1,4-Dichlorobenzene	50.0	53.0		ug/L		106	70 - 130
1,2,4-Trichlorobenzene	50.0	53.5		ug/L		107	65 - 130
Dibromomethane	50.0	44.8		ug/L		90	70 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene	*113*		*70 - 130*
Dibromofluoromethane	*94*		*70 - 130*

Lab Sample ID: LCSD 680-207792/20
Matrix: Water
Analysis Batch: 207792

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Acetone	100	95.4		ug/L		95	26 - 180	6	50
Benzene	50.0	45.8		ug/L		92	70 - 130	0	30
Dichlorobromomethane	50.0	49.6		ug/L		99	70 - 130	3	30
Bromomethane	50.0	72.7		ug/L		145	23 - 165	34	50
Carbon disulfide	50.0	44.6		ug/L		89	54 - 132	5	30
Chlorobenzene	50.0	52.9		ug/L		106	70 - 130	1	30
Chlorodibromomethane	50.0	50.2		ug/L		100	70 - 130	2	50
Chloroethane	50.0	57.2		ug/L		114	56 - 152	2	40
Chloromethane	50.0	57.6		ug/L		115	70 - 130	4	30
Chloroform	50.0	48.3		ug/L		97	70 - 130	2	30
1,2-Dibromo-3-Chloropropane	50.0	55.7		ug/L		111	70 - 130	2	50
Ethylene Dibromide	50.0	47.0		ug/L		94	70 - 130	2	30
Dichlorodifluoromethane	50.0	55.4		ug/L		111	44 - 146	1	50
1,1-Dichloroethane	50.0	46.3		ug/L		93	70 - 130	0	30
1,2-Dichloroethane	50.0	45.6		ug/L		91	70 - 130	4	30
trans-1,2-Dichloroethene	50.0	48.2		ug/L		96	70 - 130	1	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-207792/20
Matrix: Water
Analysis Batch: 207792

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	50.0	51.2		ug/L		102	66 - 131	0	30
Methylene Chloride	50.0	47.2		ug/L		94	67 - 130	3	30
1,2-Dichloropropane	50.0	45.7		ug/L		91	70 - 130	0	30
cis-1,3-Dichloropropene	50.0	49.7		ug/L		99	70 - 130	0	30
trans-1,3-Dichloropropene	50.0	50.2		ug/L		100	70 - 130	0	50
Ethylbenzene	50.0	52.8		ug/L		106	70 - 130	3	30
2-Butanone (MEK)	100	88.8		ug/L		89	49 - 172	1	30
4-Methyl-2-pentanone (MIBK)	100	86.0		ug/L		86	70 - 130	0	30
Styrene	50.0	54.6		ug/L		109	70 - 130	2	30
1,1,1,2-Tetrachloroethane	50.0	60.4		ug/L		121	70 - 130	2	30
1,1,2,2-Tetrachloroethane	50.0	50.7		ug/L		101	70 - 130	1	30
Tetrachloroethene	50.0	58.4		ug/L		117	70 - 130	2	30
Carbon tetrachloride	50.0	51.3		ug/L		103	70 - 130	1	30
Toluene	50.0	47.5		ug/L		95	70 - 130	1	30
Bromoform	50.0	55.5		ug/L		111	70 - 130	1	30
1,1,2-Trichloroethane	50.0	46.1		ug/L		92	70 - 130	2	30
1,1,1-Trichloroethane	50.0	49.5		ug/L		99	70 - 130	2	30
Trichloroethene	50.0	50.0		ug/L		100	70 - 130	2	30
Trichlorofluoromethane	50.0	55.8		ug/L		112	55 - 156	2	30
1,2,3-Trichloropropane	50.0	51.3		ug/L		103	70 - 130	1	30
Vinyl acetate	100	104		ug/L		104	60 - 176	0	30
Vinyl chloride	50.0	53.1		ug/L		106	67 - 134	2	30
Xylenes, Total	150	159		ug/L		106	70 - 130	0	30
2-Hexanone	100	111		ug/L		111	42 - 185	1	30
Chlorobromomethane	50.0	48.7		ug/L		97	70 - 130	14	30
cis-1,2-Dichloroethene	50.0	47.6		ug/L		95	70 - 130	2	30
1,3-Dichloropropane	50.0	46.6		ug/L		93	70 - 130	2	30
2,2-Dichloropropane	50.0	48.4		ug/L		97	70 - 135	0	30
1,1-Dichloropropene	50.0	47.2		ug/L		94	70 - 130	2	30
1,2-Dichlorobenzene	50.0	52.1		ug/L		104	70 - 130	0	30
1,3-Dichlorobenzene	50.0	52.8		ug/L		106	70 - 130	2	30
1,4-Dichlorobenzene	50.0	53.2		ug/L		106	70 - 130	0	30
1,2,4-Trichlorobenzene	50.0	55.0		ug/L		110	65 - 130	3	30
Dibromomethane	50.0	45.8		ug/L		92	70 - 130	2	30

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene	*115*		*70 - 130*
Dibromofluoromethane	*96*		*70 - 130*

Lab Sample ID: MB 680-207862/10
Matrix: Water
Analysis Batch: 207862

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	10	U	40	10	ug/L			07/01/11 13:44	1
Acetone	5.0	U	25	5.0	ug/L			07/01/11 13:44	1
Benzene	0.25	U	1.0	0.25	ug/L			07/01/11 13:44	1
Dichlorobromomethane	0.25	U	1.0	0.25	ug/L			07/01/11 13:44	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-207862/10
Matrix: Water
Analysis Batch: 207862

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	0.80	U	1.0	0.80	ug/L			07/01/11 13:44	1
Carbon disulfide	0.60	U	2.0	0.60	ug/L			07/01/11 13:44	1
Chlorobenzene	0.25	U	1.0	0.25	ug/L			07/01/11 13:44	1
Chlorodibromomethane	0.10	U	1.0	0.10	ug/L			07/01/11 13:44	1
Chloroethane	1.0	U	1.0	1.0	ug/L			07/01/11 13:44	1
Chloromethane	0.33	U	1.0	0.33	ug/L			07/01/11 13:44	1
Chloroform	0.14	U	1.0	0.14	ug/L			07/01/11 13:44	1
3-Chloro-1-propene	0.20	U	1.0	0.20	ug/L			07/01/11 13:44	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			07/01/11 13:44	1
Ethylene Dibromide	0.25	U	1.0	0.25	ug/L			07/01/11 13:44	1
trans-1,4-Dichloro-2-butene	0.50	U	2.0	0.50	ug/L			07/01/11 13:44	1
Dichlorodifluoromethane	0.25	U	1.0	0.25	ug/L			07/01/11 13:44	1
1,1-Dichloroethane	0.25	U	1.0	0.25	ug/L			07/01/11 13:44	1
1,2-Dichloroethane	0.10	U	1.0	0.10	ug/L			07/01/11 13:44	1
trans-1,2-Dichloroethene	0.20	U	1.0	0.20	ug/L			07/01/11 13:44	1
1,1-Dichloroethene	0.11	U	1.0	0.11	ug/L			07/01/11 13:44	1
Methylene Chloride	3.29	J	5.0	1.0	ug/L			07/01/11 13:44	1
1,2-Dichloropropane	0.13	U	1.0	0.13	ug/L			07/01/11 13:44	1
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			07/01/11 13:44	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			07/01/11 13:44	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			07/01/11 13:44	1
2-Butanone (MEK)	1.0	U	10	1.0	ug/L			07/01/11 13:44	1
Iodomethane	1.0	U	5.0	1.0	ug/L			07/01/11 13:44	1
Methacrylonitrile	3.3	U	20	3.3	ug/L			07/01/11 13:44	1
4-Methyl-2-pentanone (MIBK)	1.0	U	10	1.0	ug/L			07/01/11 13:44	1
Styrene	0.11	U	1.0	0.11	ug/L			07/01/11 13:44	1
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			07/01/11 13:44	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			07/01/11 13:44	1
Tetrachloroethene	0.15	U	1.0	0.15	ug/L			07/01/11 13:44	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			07/01/11 13:44	1
Toluene	0.33	U	1.0	0.33	ug/L			07/01/11 13:44	1
Bromoform	0.50	U	1.0	0.50	ug/L			07/01/11 13:44	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			07/01/11 13:44	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			07/01/11 13:44	1
Trichloroethene	0.13	U	1.0	0.13	ug/L			07/01/11 13:44	1
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			07/01/11 13:44	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			07/01/11 13:44	1
Vinyl acetate	0.28	U	2.0	0.28	ug/L			07/01/11 13:44	1
Vinyl chloride	0.18	U	1.0	0.18	ug/L			07/01/11 13:44	1
Xylenes, Total	0.20	U	2.0	0.20	ug/L			07/01/11 13:44	1
2-Hexanone	1.0	U	10	1.0	ug/L			07/01/11 13:44	1
Propionitrile	4.6	U	20	4.6	ug/L			07/01/11 13:44	1
Methyl methacrylate	0.48	U	1.0	0.48	ug/L			07/01/11 13:44	1
Acrolein	7.4	U	20	7.4	ug/L			07/01/11 13:44	1
Acrylonitrile	7.2	U	20	7.2	ug/L			07/01/11 13:44	1
Ethyl methacrylate	0.25	U	1.0	0.25	ug/L			07/01/11 13:44	1
Isobutyl alcohol	11	U	40	11	ug/L			07/01/11 13:44	1
Chlorobromomethane	0.14	U	1.0	0.14	ug/L			07/01/11 13:44	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			07/01/11 13:44	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			07/01/11 13:44	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-207862/10
Matrix: Water
Analysis Batch: 207862

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			07/01/11 13:44	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			07/01/11 13:44	1
2-Chloro-1,3-butadiene	0.30	U	1.0	0.30	ug/L			07/01/11 13:44	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			07/01/11 13:44	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			07/01/11 13:44	1
1,4-Dichlorobenzene	0.28	U	1.0	0.28	ug/L			07/01/11 13:44	1
1,2,4-Trichlorobenzene	0.25	U	1.0	0.25	ug/L			07/01/11 13:44	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			07/01/11 13:44	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*107*		*70 - 130*		*07/01/11 13:44*	*1*
4-Bromofluorobenzene	*95*		*70 - 130*		*07/01/11 13:44*	*1*
Dibromofluoromethane	*113*		*70 - 130*		*07/01/11 13:44*	*1*

Lab Sample ID: LCS 680-207862/7
Matrix: Water
Analysis Batch: 207862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	100	106		ug/L		106	26 - 180
Benzene	50.0	47.9		ug/L		96	70 - 130
Dichlorobromomethane	50.0	46.2		ug/L		92	70 - 130
Bromomethane	50.0	70.0		ug/L		140	23 - 165
Carbon disulfide	50.0	66.3	Q	ug/L		133	54 - 132
Chlorobenzene	50.0	51.6		ug/L		103	70 - 130
Chlorodibromomethane	50.0	49.7		ug/L		99	70 - 130
Chloroethane	50.0	40.2		ug/L		80	56 - 152
Chloromethane	50.0	58.5		ug/L		117	70 - 130
Chloroform	50.0	53.8		ug/L		108	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	46.7		ug/L		93	70 - 130
Ethylene Dibromide	50.0	47.1		ug/L		94	70 - 130
Dichlorodifluoromethane	50.0	59.5		ug/L		119	44 - 146
1,1-Dichloroethane	50.0	53.8		ug/L		108	70 - 130
1,2-Dichloroethane	50.0	45.8		ug/L		92	70 - 130
trans-1,2-Dichloroethene	50.0	53.5		ug/L		107	70 - 130
1,1-Dichloroethene	50.0	59.1		ug/L		118	66 - 131
Methylene Chloride	50.0	55.3		ug/L		111	67 - 130
1,2-Dichloropropane	50.0	46.3		ug/L		93	70 - 130
cis-1,3-Dichloropropene	50.0	45.6		ug/L		91	70 - 130
trans-1,3-Dichloropropene	50.0	44.9		ug/L		90	70 - 130
Ethylbenzene	50.0	49.2		ug/L		98	70 - 130
2-Butanone (MEK)	100	107		ug/L		107	49 - 172
4-Methyl-2-pentanone (MIBK)	100	94.1		ug/L		94	70 - 130
Styrene	50.0	46.6		ug/L		93	70 - 130
1,1,1,2-Tetrachloroethane	50.0	47.4		ug/L		95	70 - 130
1,1,2,2-Tetrachloroethane	50.0	48.2		ug/L		96	70 - 130
Tetrachloroethene	50.0	51.3		ug/L		103	70 - 130
Carbon tetrachloride	50.0	43.1		ug/L		86	70 - 130
Toluene	50.0	47.8		ug/L		96	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-207862/7
Matrix: Water
Analysis Batch: 207862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Bromoform	50.0	44.9		ug/L		90	70 - 130
1,1,2-Trichloroethane	50.0	45.9		ug/L		92	70 - 130
1,1,1-Trichloroethane	50.0	47.4		ug/L		95	70 - 130
Trichloroethene	50.0	51.9		ug/L		104	70 - 130
Trichlorofluoromethane	50.0	42.9		ug/L		86	55 - 156
1,2,3-Trichloropropane	50.0	46.9		ug/L		94	70 - 130
Vinyl acetate	100	173		ug/L		173	60 - 176
Vinyl chloride	50.0	49.4		ug/L		99	67 - 134
Xylenes, Total	150	142		ug/L		94	70 - 130
2-Hexanone	100	97.1		ug/L		97	42 - 185
Chlorobromomethane	50.0	49.8		ug/L		100	70 - 130
cis-1,2-Dichloroethene	50.0	58.2		ug/L		116	70 - 130
1,3-Dichloropropane	50.0	45.2		ug/L		90	70 - 130
2,2-Dichloropropane	50.0	55.8		ug/L		112	70 - 135
1,1-Dichloropropene	50.0	49.2		ug/L		98	70 - 130
1,2-Dichlorobenzene	50.0	46.8		ug/L		94	70 - 130
1,3-Dichlorobenzene	50.0	47.6		ug/L		95	70 - 130
1,4-Dichlorobenzene	50.0	49.1		ug/L		98	70 - 130
1,2,4-Trichlorobenzene	50.0	47.6		ug/L		95	65 - 130
Dibromomethane	50.0	46.7		ug/L		93	70 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene	*96*		*70 - 130*
Dibromofluoromethane	*115*		*70 - 130*

Lab Sample ID: LCSD 680-207862/8
Matrix: Water
Analysis Batch: 207862

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Acetone	100	106		ug/L		106	26 - 180	0	50
Benzene	50.0	48.1		ug/L		96	70 - 130	0	30
Dichlorobromomethane	50.0	46.4		ug/L		93	70 - 130	0	30
Bromomethane	50.0	72.7		ug/L		145	23 - 165	4	50
Carbon disulfide	50.0	66.2		ug/L		132	54 - 132	0	30
Chlorobenzene	50.0	52.7		ug/L		105	70 - 130	2	30
Chlorodibromomethane	50.0	49.5		ug/L		99	70 - 130	0	50
Chloroethane	50.0	39.8		ug/L		80	56 - 152	1	40
Chloromethane	50.0	60.3		ug/L		121	70 - 130	3	30
Chloroform	50.0	54.2		ug/L		108	70 - 130	1	30
1,2-Dibromo-3-Chloropropane	50.0	48.4		ug/L		97	70 - 130	4	50
Ethylene Dibromide	50.0	47.5		ug/L		95	70 - 130	1	30
Dichlorodifluoromethane	50.0	60.3		ug/L		121	44 - 146	1	50
1,1-Dichloroethane	50.0	54.3		ug/L		109	70 - 130	1	30
1,2-Dichloroethane	50.0	46.3		ug/L		93	70 - 130	1	30
trans-1,2-Dichloroethene	50.0	54.3		ug/L		109	70 - 130	2	30
1,1-Dichloroethene	50.0	59.0		ug/L		118	66 - 131	0	30
Methylene Chloride	50.0	53.9		ug/L		108	67 - 130	3	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-207862/8
Matrix: Water
Analysis Batch: 207862

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,2-Dichloropropane	50.0	47.8		ug/L		96	70 - 130	3	30
cis-1,3-Dichloropropene	50.0	45.6		ug/L		91	70 - 130	0	30
trans-1,3-Dichloropropene	50.0	44.9		ug/L		90	70 - 130	0	50
Ethylbenzene	50.0	49.6		ug/L		99	70 - 130	1	30
2-Butanone (MEK)	100	107		ug/L		107	49 - 172	0	30
4-Methyl-2-pentanone (MIBK)	100	95.0		ug/L		95	70 - 130	1	30
Styrene	50.0	46.8		ug/L		94	70 - 130	0	30
1,1,1,2-Tetrachloroethane	50.0	47.7		ug/L		95	70 - 130	1	30
1,1,2,2-Tetrachloroethane	50.0	48.4		ug/L		97	70 - 130	0	30
Tetrachloroethene	50.0	50.2		ug/L		100	70 - 130	2	30
Carbon tetrachloride	50.0	42.2		ug/L		84	70 - 130	2	30
Toluene	50.0	48.2		ug/L		96	70 - 130	1	30
Bromoform	50.0	45.3		ug/L		91	70 - 130	1	30
1,1,2-Trichloroethane	50.0	47.3		ug/L		95	70 - 130	3	30
1,1,1-Trichloroethane	50.0	47.1		ug/L		94	70 - 130	1	30
Trichloroethene	50.0	51.9		ug/L		104	70 - 130	0	30
Trichlorofluoromethane	50.0	41.4		ug/L		83	55 - 156	3	30
1,2,3-Trichloropropane	50.0	46.5		ug/L		93	70 - 130	1	30
Vinyl acetate	100	172		ug/L		172	60 - 176	1	30
Vinyl chloride	50.0	49.2		ug/L		98	67 - 134	0	30
Xylenes, Total	150	143		ug/L		95	70 - 130	1	30
2-Hexanone	100	97.2		ug/L		97	42 - 185	0	30
Chlorobromomethane	50.0	50.1		ug/L		100	70 - 130	1	30
cis-1,2-Dichloroethene	50.0	57.9		ug/L		116	70 - 130	1	30
1,3-Dichloropropane	50.0	45.5		ug/L		91	70 - 130	1	30
2,2-Dichloropropane	50.0	55.7		ug/L		111	70 - 135	0	30
1,1-Dichloropropene	50.0	48.5		ug/L		97	70 - 130	1	30
1,2-Dichlorobenzene	50.0	47.1		ug/L		94	70 - 130	0	30
1,3-Dichlorobenzene	50.0	48.0		ug/L		96	70 - 130	1	30
1,4-Dichlorobenzene	50.0	49.8		ug/L		100	70 - 130	1	30
1,2,4-Trichlorobenzene	50.0	48.6		ug/L		97	65 - 130	2	30
Dibromomethane	50.0	47.0		ug/L		94	70 - 130	1	30

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene	*99*		*70 - 130*
Dibromofluoromethane	*114*		*70 - 130*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-207477/10-A
Matrix: Water
Analysis Batch: 208844

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 207477

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.76	U	10	0.76	ug/L		06/29/11 14:40	07/13/11 21:03	1
Acenaphthylene	0.85	U	10	0.85	ug/L		06/29/11 14:40	07/13/11 21:03	1
Acetophenone	0.57	U	10	0.57	ug/L		06/29/11 14:40	07/13/11 21:03	1
2-Acetylaminofluorene	1.6	U	10	1.6	ug/L		06/29/11 14:40	07/13/11 21:03	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-207477/10-A
Matrix: Water
Analysis Batch: 208844

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 207477

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Aminobiphenyl	1.2	U	10	1.2	ug/L		06/29/11 14:40	07/13/11 21:03	1
Anthracene	0.69	U	10	0.69	ug/L		06/29/11 14:40	07/13/11 21:03	1
Benzo[a]anthracene	0.55	U	10	0.55	ug/L		06/29/11 14:40	07/13/11 21:03	1
Benzo[a]pyrene	0.71	U	10	0.71	ug/L		06/29/11 14:40	07/13/11 21:03	1
Benzo[b]fluoranthene	2.6	U	10	2.6	ug/L		06/29/11 14:40	07/13/11 21:03	1
Benzo[g,h,i]perylene	0.87	U	10	0.87	ug/L		06/29/11 14:40	07/13/11 21:03	1
Benzo[k]fluoranthene	1.2	U	10	1.2	ug/L		06/29/11 14:40	07/13/11 21:03	1
Benzyl alcohol	1.1	U	10	1.1	ug/L		06/29/11 14:40	07/13/11 21:03	1
1,1'-Biphenyl	0.58	U	10	0.58	ug/L		06/29/11 14:40	07/13/11 21:03	1
Bis(2-chloroethoxy)methane	0.94	U	10	0.94	ug/L		06/29/11 14:40	07/13/11 21:03	1
Bis(2-chloroethyl)ether	1.1	U	10	1.1	ug/L		06/29/11 14:40	07/13/11 21:03	1
bis(chloroisopropyl) ether	0.78	U	10	0.78	ug/L		06/29/11 14:40	07/13/11 21:03	1
Bis(2-ethylhexyl) phthalate	1.6	U	10	1.6	ug/L		06/29/11 14:40	07/13/11 21:03	1
4-Bromophenyl phenyl ether	0.77	U	10	0.77	ug/L		06/29/11 14:40	07/13/11 21:03	1
Butyl benzyl phthalate	1.2	U	10	1.2	ug/L		06/29/11 14:40	07/13/11 21:03	1
4-Chloroaniline	2.2	U	20	2.2	ug/L		06/29/11 14:40	07/13/11 21:03	1
4-Chloro-3-methylphenol	1.0	U	10	1.0	ug/L		06/29/11 14:40	07/13/11 21:03	1
2-Chloronaphthalene	0.80	U	10	0.80	ug/L		06/29/11 14:40	07/13/11 21:03	1
2-Chlorophenol	0.87	U	10	0.87	ug/L		06/29/11 14:40	07/13/11 21:03	1
4-Chlorophenyl phenyl ether	0.84	U	10	0.84	ug/L		06/29/11 14:40	07/13/11 21:03	1
Chrysene	0.51	U	10	0.51	ug/L		06/29/11 14:40	07/13/11 21:03	1
Diallate	0.78	U	10	0.78	ug/L		06/29/11 14:40	07/13/11 21:03	1
Dibenz(a,h)anthracene	1.0	U	10	1.0	ug/L		06/29/11 14:40	07/13/11 21:03	1
Dibenzofuran	0.79	U	10	0.79	ug/L		06/29/11 14:40	07/13/11 21:03	1
3,3'-Dichlorobenzidine	30	U	60	30	ug/L		06/29/11 14:40	07/13/11 21:03	1
2,4-Dichlorophenol	1.1	U	10	1.1	ug/L		06/29/11 14:40	07/13/11 21:03	1
2,6-Dichlorophenol	0.73	U	10	0.73	ug/L		06/29/11 14:40	07/13/11 21:03	1
Diethyl phthalate	0.88	U	10	0.88	ug/L		06/29/11 14:40	07/13/11 21:03	1
Dimethoate	0.75	U	10	0.75	ug/L		06/29/11 14:40	07/13/11 21:03	1
7,12-Dimethylbenz(a)anthracene	1.2	U	10	1.2	ug/L		06/29/11 14:40	07/13/11 21:03	1
3,3'-Dimethylbenzidine	10	U	20	10	ug/L		06/29/11 14:40	07/13/11 21:03	1
2,4-Dimethylphenol	4.0	U	10	4.0	ug/L		06/29/11 14:40	07/13/11 21:03	1
Dimethyl phthalate	0.99	U	10	0.99	ug/L		06/29/11 14:40	07/13/11 21:03	1
Di-n-butyl phthalate	0.83	U	10	0.83	ug/L		06/29/11 14:40	07/13/11 21:03	1
1,3-Dinitrobenzene	0.60	U	10	0.60	ug/L		06/29/11 14:40	07/13/11 21:03	1
4,6-Dinitro-2-methylphenol	10	U	50	10	ug/L		06/29/11 14:40	07/13/11 21:03	1
2,4-Dinitrophenol	10	U	50	10	ug/L		06/29/11 14:40	07/13/11 21:03	1
2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L		06/29/11 14:40	07/13/11 21:03	1
2,6-Dinitrotoluene	1.1	U	10	1.1	ug/L		06/29/11 14:40	07/13/11 21:03	1
Di-n-octyl phthalate	1.4	U	10	1.4	ug/L		06/29/11 14:40	07/13/11 21:03	1
Dinoseb	5.0	U	10	5.0	ug/L		06/29/11 14:40	07/13/11 21:03	1
1,4-Dioxane	3.4	U	10	3.4	ug/L		06/29/11 14:40	07/13/11 21:03	1
Disulfoton	0.79	U	10	0.79	ug/L		06/29/11 14:40	07/13/11 21:03	1
Ethyl methanesulfonate	0.96	U	10	0.96	ug/L		06/29/11 14:40	07/13/11 21:03	1
Ethyl Parathion	1.3	U	10	1.3	ug/L		06/29/11 14:40	07/13/11 21:03	1
Famphur	1.1	U	10	1.1	ug/L		06/29/11 14:40	07/13/11 21:03	1
Fluoranthene	0.74	U	10	0.74	ug/L		06/29/11 14:40	07/13/11 21:03	1
Fluorene	0.96	U	10	0.96	ug/L		06/29/11 14:40	07/13/11 21:03	1
Hexachlorobenzene	0.79	U	10	0.79	ug/L		06/29/11 14:40	07/13/11 21:03	1
Hexachlorobutadiene	0.62	U	10	0.62	ug/L		06/29/11 14:40	07/13/11 21:03	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-207477/10-A
Matrix: Water
Analysis Batch: 208844

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 207477

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	2.5	U	10	2.5	ug/L		06/29/11 14:40	07/13/11 21:03	1
Hexachloroethane	0.76	U	10	0.76	ug/L		06/29/11 14:40	07/13/11 21:03	1
Hexachloropropene	1.4	U	10	1.4	ug/L		06/29/11 14:40	07/13/11 21:03	1
Indeno[1,2,3-cd]pyrene	1.0	U	10	1.0	ug/L		06/29/11 14:40	07/13/11 21:03	1
Isophorone	0.90	U	10	0.90	ug/L		06/29/11 14:40	07/13/11 21:03	1
Isosafrole	0.50	U	10	0.50	ug/L		06/29/11 14:40	07/13/11 21:03	1
Methapyrilene	2.7	U	2000	2.7	ug/L		06/29/11 14:40	07/13/11 21:03	1
3-Methylcholanthrene	1.4	U	10	1.4	ug/L		06/29/11 14:40	07/13/11 21:03	1
Methyl methanesulfonate	0.60	U	10	0.60	ug/L		06/29/11 14:40	07/13/11 21:03	1
2-Methylnaphthalene	0.78	U	10	0.78	ug/L		06/29/11 14:40	07/13/11 21:03	1
Methyl parathion	0.88	U	10	0.88	ug/L		06/29/11 14:40	07/13/11 21:03	1
2-Methylphenol	0.89	U	10	0.89	ug/L		06/29/11 14:40	07/13/11 21:03	1
3 & 4 Methylphenol	1.3	U	10	1.3	ug/L		06/29/11 14:40	07/13/11 21:03	1
Naphthalene	0.70	U	10	0.70	ug/L		06/29/11 14:40	07/13/11 21:03	1
1,4-Naphthoquinone	0.62	U	10	0.62	ug/L		06/29/11 14:40	07/13/11 21:03	1
1-Naphthylamine	1.1	U	10	1.1	ug/L		06/29/11 14:40	07/13/11 21:03	1
2-Naphthylamine	1.5	U	10	1.5	ug/L		06/29/11 14:40	07/13/11 21:03	1
2-Nitroaniline	1.3	U	50	1.3	ug/L		06/29/11 14:40	07/13/11 21:03	1
3-Nitroaniline	5.0	U	50	5.0	ug/L		06/29/11 14:40	07/13/11 21:03	1
4-Nitroaniline	5.0	U	50	5.0	ug/L		06/29/11 14:40	07/13/11 21:03	1
Nitrobenzene	0.73	U	10	0.73	ug/L		06/29/11 14:40	07/13/11 21:03	1
2-Nitrophenol	0.76	U	10	0.76	ug/L		06/29/11 14:40	07/13/11 21:03	1
4-Nitrophenol	1.9	U	50	1.9	ug/L		06/29/11 14:40	07/13/11 21:03	1
N-Nitro-o-toluidine	1.5	U	10	1.5	ug/L		06/29/11 14:40	07/13/11 21:03	1
N-Nitrosodiethylamine	0.93	U	10	0.93	ug/L		06/29/11 14:40	07/13/11 21:03	1
N-Nitrosodimethylamine	2.8	U	10	2.8	ug/L		06/29/11 14:40	07/13/11 21:03	1
N-Nitrosodi-n-butylamine	0.96	U	10	0.96	ug/L		06/29/11 14:40	07/13/11 21:03	1
N-Nitrosodi-n-propylamine	0.72	U	10	0.72	ug/L		06/29/11 14:40	07/13/11 21:03	1
N-Nitrosodiphenylamine	0.92	U	10	0.92	ug/L		06/29/11 14:40	07/13/11 21:03	1
N-Nitrosomethylethylamine	3.3	U	10	3.3	ug/L		06/29/11 14:40	07/13/11 21:03	1
N-Nitrosopiperidine	0.88	U	10	0.88	ug/L		06/29/11 14:40	07/13/11 21:03	1
N-Nitrosopyrrolidine	1.0	U	10	1.0	ug/L		06/29/11 14:40	07/13/11 21:03	1
o,o',o"-Triethylphosphorothioate	1.0	U	10	1.0	ug/L		06/29/11 14:40	07/13/11 21:03	1
p-Dimethylamino azobenzene	0.79	U	10	0.79	ug/L		06/29/11 14:40	07/13/11 21:03	1
Pentachlorobenzene	0.52	U	10	0.52	ug/L		06/29/11 14:40	07/13/11 21:03	1
Pentachloronitrobenzene	0.78	U	10	0.78	ug/L		06/29/11 14:40	07/13/11 21:03	1
Pentachlorophenol	2.0	U	50	2.0	ug/L		06/29/11 14:40	07/13/11 21:03	1
Phenacetin	1.4	U	10	1.4	ug/L		06/29/11 14:40	07/13/11 21:03	1
Phenanthrene	0.77	U	10	0.77	ug/L		06/29/11 14:40	07/13/11 21:03	1
Phenol	0.83	U	10	0.83	ug/L		06/29/11 14:40	07/13/11 21:03	1
Phorate	0.87	U	10	0.87	ug/L		06/29/11 14:40	07/13/11 21:03	1
p-Phenylene diamine	10	U	2000	10	ug/L		06/29/11 14:40	07/13/11 21:03	1
Pronamide	0.89	U	10	0.89	ug/L		06/29/11 14:40	07/13/11 21:03	1
Pyrene	0.63	U	10	0.63	ug/L		06/29/11 14:40	07/13/11 21:03	1
Safrole, Total	0.80	U	10	0.80	ug/L		06/29/11 14:40	07/13/11 21:03	1
Sulfotepp	0.53	U	10	0.53	ug/L		06/29/11 14:40	07/13/11 21:03	1
1,2,4,5-Tetrachlorobenzene	0.76	U	10	0.76	ug/L		06/29/11 14:40	07/13/11 21:03	1
2,3,4,6-Tetrachlorophenol	0.72	U	10	0.72	ug/L		06/29/11 14:40	07/13/11 21:03	1
Thionazin	0.91	U	10	0.91	ug/L		06/29/11 14:40	07/13/11 21:03	1
2-Toluidine	1.4	U	10	1.4	ug/L		06/29/11 14:40	07/13/11 21:03	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-207477/10-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208844 — **Prep Batch: 207477**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	1.2	U	10	1.2	ug/L		06/29/11 14:40	07/13/11 21:03	1
2,4,6-Trichlorophenol	0.85	U	10	0.85	ug/L		06/29/11 14:40	07/13/11 21:03	1
1,3,5-Trinitrobenzene	2.0	U	10	2.0	ug/L		06/29/11 14:40	07/13/11 21:03	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79*		*38 - 130*	*06/29/11 14:40*	*07/13/11 21:03*	*1*
2-Fluorophenol	*73*		*25 - 130*	*06/29/11 14:40*	*07/13/11 21:03*	*1*
Nitrobenzene-d5	*82*		*39 - 130*	*06/29/11 14:40*	*07/13/11 21:03*	*1*
Phenol-d5	*76*		*25 - 130*	*06/29/11 14:40*	*07/13/11 21:03*	*1*
Terphenyl-d14	*90*		*10 - 143*	*06/29/11 14:40*	*07/13/11 21:03*	*1*
2,4,6-Tribromophenol	*81*		*31 - 141*	*06/29/11 14:40*	*07/13/11 21:03*	*1*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Lab Sample ID: MB 680-207485/15-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208091 — **Prep Batch: 207485**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0065	U	0.10	0.0065	ug/L		06/29/11 14:40	07/05/11 21:01	1
4,4'-DDE	0.0077	U	0.10	0.0077	ug/L		06/29/11 14:40	07/05/11 21:01	1
4,4'-DDT	0.0097	U	0.10	0.0097	ug/L		06/29/11 14:40	07/05/11 21:01	1
Aldrin	0.0070	U	0.050	0.0070	ug/L		06/29/11 14:40	07/05/11 21:01	1
alpha-BHC	0.0057	U	0.050	0.0057	ug/L		06/29/11 14:40	07/05/11 21:01	1
beta-BHC	0.0067	U	0.050	0.0067	ug/L		06/29/11 14:40	07/05/11 21:01	1
Chlordane (technical)	0.10	U	0.50	0.10	ug/L		06/29/11 14:40	07/05/11 21:01	1
Chlorobenzilate	0.50	U	0.50	0.50	ug/L		06/29/11 14:40	07/05/11 21:01	1
delta-BHC	0.0048	U	0.050	0.0048	ug/L		06/29/11 14:40	07/05/11 21:01	1
Dieldrin	0.0091	U	0.10	0.0091	ug/L		06/29/11 14:40	07/05/11 21:01	1
Endosulfan I	0.0042	U	0.050	0.0042	ug/L		06/29/11 14:40	07/05/11 21:01	1
Endosulfan II	0.0098	U	0.10	0.0098	ug/L		06/29/11 14:40	07/05/11 21:01	1
Endosulfan sulfate	0.0068	U	0.10	0.0068	ug/L		06/29/11 14:40	07/05/11 21:01	1
Endrin	0.0097	U	0.10	0.0097	ug/L		06/29/11 14:40	07/05/11 21:01	1
Endrin aldehyde	0.016	U	0.10	0.016	ug/L		06/29/11 14:40	07/05/11 21:01	1
gamma-BHC (Lindane)	0.0059	U	0.050	0.0059	ug/L		06/29/11 14:40	07/05/11 21:01	1
Heptachlor	0.0070	U	0.050	0.0070	ug/L		06/29/11 14:40	07/05/11 21:01	1
Heptachlor epoxide	0.0060	U	0.050	0.0060	ug/L		06/29/11 14:40	07/05/11 21:01	1
Isodrin	0.050	U	0.050	0.050	ug/L		06/29/11 14:40	07/05/11 21:01	1
Methoxychlor	0.013	U	0.10	0.013	ug/L		06/29/11 14:40	07/05/11 21:01	1
PCB-1016	0.071	U	1.0	0.071	ug/L		06/29/11 14:40	07/05/11 21:01	1
PCB-1221	0.28	U	2.0	0.28	ug/L		06/29/11 14:40	07/05/11 21:01	1
PCB-1232	0.11	U	1.0	0.11	ug/L		06/29/11 14:40	07/05/11 21:01	1
PCB-1242	0.18	U	1.0	0.18	ug/L		06/29/11 14:40	07/05/11 21:01	1
PCB-1248	0.36	U	1.0	0.36	ug/L		06/29/11 14:40	07/05/11 21:01	1
PCB-1254	0.26	U	1.0	0.26	ug/L		06/29/11 14:40	07/05/11 21:01	1
PCB-1260	0.20	U	1.0	0.20	ug/L		06/29/11 14:40	07/05/11 21:01	1
PCB-1262	0.24	U	1.0	0.24	ug/L		06/29/11 14:40	07/05/11 21:01	1
Toxaphene	0.50	U	5.0	0.50	ug/L		06/29/11 14:40	07/05/11 21:01	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: MB 680-207485/15-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208091 — **Prep Batch: 207485**

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	47		40 - 130	06/29/11 14:40	07/05/11 21:01	1
Tetrachloro-m-xylene	56		36 - 130	06/29/11 14:40	07/05/11 21:01	1

Lab Sample ID: LCS 680-207485/16-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208091 — **Prep Batch: 207485**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
4,4'-DDD	0.200	0.156	M	ug/L		78	49 - 144
4,4'-DDE	0.200	0.160		ug/L		80	46 - 144
4,4'-DDT	0.200	0.159		ug/L		80	48 - 166
Aldrin	0.100	0.0747		ug/L		75	14 - 168
alpha-BHC	0.100	0.0742		ug/L		74	43 - 138
beta-BHC	0.100	0.0796		ug/L		80	38 - 158
delta-BHC	0.100	0.0883		ug/L		88	23 - 191
Dieldrin	0.200	0.162		ug/L		81	61 - 136
Endosulfan I	0.100	0.0808		ug/L		81	52 - 141
Endosulfan II	0.200	0.166		ug/L		83	60 - 140
Endosulfan sulfate	0.200	0.166		ug/L		83	60 - 151
Endrin	0.200	0.159		ug/L		80	66 - 150
Endrin aldehyde	0.200	0.246		ug/L		123	16 - 200
gamma-BHC (Lindane)	0.100	0.0791		ug/L		79	54 - 134
Heptachlor	0.100	0.0856		ug/L		86	10 - 200
Heptachlor epoxide	0.100	0.0804		ug/L		80	49 - 142
Methoxychlor	0.200	0.180		ug/L		90	13 - 186

Surrogate	LCS % Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	45	M	40 - 130
Tetrachloro-m-xylene	59		36 - 130

Lab Sample ID: LCS 680-207485/19-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208091 — **Prep Batch: 207485**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1016	10.0	8.23		ug/L		82	38 - 172
PCB-1260	10.0	6.67		ug/L		67	46 - 138

Surrogate	LCS % Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	44		40 - 130
Tetrachloro-m-xylene	60		36 - 130

Lab Sample ID: 680-69786-2 MS — **Client Sample ID: SLMW-10-6-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208091 — **Prep Batch: 207485**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1016	0.070		9.90	7.80		ug/L		79	38 - 172

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: 680-69786-2 MS — **Client Sample ID: SLMW-10-6-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208091 — **Prep Batch: 207485**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1260	0.20		9.90	6.13	M	ug/L		62	46 - 138

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*21*	*M J*	*40 - 130*
Tetrachloro-m-xylene	*48*		*36 - 130*

Lab Sample ID: 680-69786-2 MSD — **Client Sample ID: SLMW-10-6-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208091 — **Prep Batch: 207485**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
PCB-1016	0.070		10.0	7.22		ug/L		72	38 - 172	8	50
PCB-1260	0.20		10.0	5.98	M	ug/L		60	46 - 138	2	50

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*23*	*M J*	*40 - 130*
Tetrachloro-m-xylene	*54*		*36 - 130*

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Lab Sample ID: MB 680-207485/15-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207916 — **Prep Batch: 207485**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethoate	1.0	U	2.0	1.0	ug/L		06/29/11 14:40	07/02/11 23:37	1
Disulfoton	1.0	U	2.0	1.0	ug/L		06/29/11 14:40	07/02/11 23:37	1
Ethyl Parathion	0.50	U	1.0	0.50	ug/L		06/29/11 14:40	07/02/11 23:37	1
Famphur	1.0	U	2.0	1.0	ug/L		06/29/11 14:40	07/02/11 23:37	1
Methyl parathion	0.50	U	0.50	0.50	ug/L		06/29/11 14:40	07/02/11 23:37	1
Phorate	0.50	U	1.0	0.50	ug/L		06/29/11 14:40	07/02/11 23:37	1
Sulfotepp	0.50	U	0.50	0.50	ug/L		06/29/11 14:40	07/02/11 23:37	1
Thionazin	0.50	U	1.0	0.50	ug/L		06/29/11 14:40	07/02/11 23:37	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*90*		*67 - 130*	*06/29/11 14:40*	*07/02/11 23:37*	*1*

Lab Sample ID: LCS 680-207485/22-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207916 — **Prep Batch: 207485**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl parathion			8.00	7.24		ug/L		90	58 - 131

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Triphenylphosphate	*89*		*67 - 130*

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique (Continued)

Lab Sample ID: LCS 680-207485/25-A
Matrix: Water
Analysis Batch: 207916

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 207485

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Ethyl Parathion	8.00	7.85		ug/L		98	70 - 130
Thionazin	8.00	7.00		ug/L		88	69 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Triphenylphosphate	*91*		*67 - 130*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 680-207125/20-A
Matrix: Water
Analysis Batch: 207719

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 207125

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.037	U	0.50	0.037	ug/L		06/27/11 08:35	06/29/11 19:14	1
2,4-DB	0.15	U	0.50	0.15	ug/L		06/27/11 08:35	06/29/11 19:14	1
2,4,5-T	0.062	U	0.50	0.062	ug/L		06/27/11 08:35	06/29/11 19:14	1
Silvex (2,4,5-TP)	0.062	U	0.50	0.062	ug/L		06/27/11 08:35	06/29/11 19:14	1
Dalapon	0.10	U	10	0.10	ug/L		06/27/11 08:35	06/29/11 19:14	1
Dicamba	0.085	U	0.50	0.085	ug/L		06/27/11 08:35	06/29/11 19:14	1
Dichlorprop	0.15	U	0.50	0.15	ug/L		06/27/11 08:35	06/29/11 19:14	1
Dinoseb	0.16	U	6.0	0.16	ug/L		06/27/11 08:35	06/29/11 19:14	1
MCPA	17	U	120	17	ug/L		06/27/11 08:35	06/29/11 19:14	1
Mecoprop	19	U	120	19	ug/L		06/27/11 08:35	06/29/11 19:14	1
Pentachlorophenol	0.037	U	0.25	0.037	ug/L		06/27/11 08:35	06/29/11 19:14	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*106*	*M*	*52 - 151*	*06/27/11 08:35*	*06/29/11 19:14*	*1*

Lab Sample ID: LCS 680-207125/21-A
Matrix: Water
Analysis Batch: 207719

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 207125

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
2,4-D	2.00	1.80		ug/L		90	63 - 130
2,4-DB	2.00	1.61	J	ug/L		80	34 - 157
2,4,5-T	2.00	1.64	J	ug/L		82	59 - 130
Silvex (2,4,5-TP)	2.00	1.72		ug/L		86	64 - 130
Dalapon	10.0	7.80	J	ug/L		78	24 - 130
Dicamba	2.00	1.81		ug/L		90	66 - 130
Dichlorprop	2.00	1.95		ug/L		98	65 - 152
Dinoseb	2.00	1.65	J	ug/L		83	10 - 130
MCPA	200	155		ug/L		77	40 - 130
Mecoprop	200	159		ug/L		79	53 - 130
Pentachlorophenol	1.34	1.21		ug/L		90	70 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
DCAA	*98*		*52 - 151*

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 680-207149/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207269 — **Prep Batch: 207149**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.40	U	1.0	0.40	ug/L		06/27/11 10:44	06/27/11 16:31	1
Barium	0.15	U	1.0	0.15	ug/L		06/27/11 10:44	06/27/11 16:31	1
Beryllium	0.070	U	0.20	0.070	ug/L		06/27/11 10:44	06/27/11 16:31	1
Chromium	0.16	U	1.0	0.16	ug/L		06/27/11 10:44	06/27/11 16:31	1
Cobalt	0.078	U	0.20	0.078	ug/L		06/27/11 10:44	06/27/11 16:31	1
Copper	0.224	J	1.0	0.21	ug/L		06/27/11 10:44	06/27/11 16:31	1
Nickel	0.40	U	1.0	0.40	ug/L		06/27/11 10:44	06/27/11 16:31	1
Selenium	0.21	U	0.50	0.21	ug/L		06/27/11 10:44	06/27/11 16:31	1
Silver	0.10	U	0.20	0.10	ug/L		06/27/11 10:44	06/27/11 16:31	1
Thallium	0.10	U	0.20	0.10	ug/L		06/27/11 10:44	06/27/11 16:31	1
Tin	0.494	J	1.0	0.40	ug/L		06/27/11 10:44	06/27/11 16:31	1
Vanadium	1.4	U	5.0	1.4	ug/L		06/27/11 10:44	06/27/11 16:31	1
Zinc	3.16	J	10	2.6	ug/L		06/27/11 10:44	06/27/11 16:31	1

Lab Sample ID: LCS 680-207149/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207269 — **Prep Batch: 207149**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Arsenic	20.0	20.1		ug/L		100	75 - 125
Barium	20.0	20.0		ug/L		100	75 - 125
Beryllium	10.0	10.7		ug/L		107	75 - 125
Chromium	20.0	20.2		ug/L		101	75 - 125
Cobalt	10.0	10.1		ug/L		101	75 - 125
Copper	20.0	20.8		ug/L		104	75 - 125
Nickel	20.0	21.0		ug/L		105	75 - 125
Selenium	20.0	19.5		ug/L		97	75 - 125
Silver	10.0	10.3		ug/L		103	75 - 125
Thallium	8.00	8.02		ug/L		100	75 - 125
Tin	20.0	20.4		ug/L		102	75 - 125
Vanadium	20.0	19.7		ug/L		99	75 - 125
Zinc	20.0	22.4		ug/L		112	75 - 125

Lab Sample ID: 680-69786-2 MS — **Client Sample ID: SLMW-10-6-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207269 — **Prep Batch: 207149**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Arsenic	2.7	J	20.0	16.8	J	ug/L		71	75 - 125
Barium	130	J	20.0	162	4	ug/L		145	75 - 125
Beryllium	0.070	U	10.0	10.4		ug/L		104	75 - 125
Chromium	0.16	U J	20.0	14.2	J	ug/L		71	75 - 125
Cobalt	3.3	J	10.0	10.4	J	ug/L		71	75 - 125
Copper	0.21	U J	20.0	14.3	J	ug/L		71	75 - 125
Nickel	0.40	U J	20.0	14.6	J	ug/L		73	75 - 125
Selenium	4.0	J	20.0	17.1	J	ug/L		65	75 - 125
Silver	0.10	U J	10.0	7.02	J	ug/L		70	75 - 125
Thallium	0.10	U	8.00	7.68		ug/L		96	75 - 125
Tin	3.0		20.0	20.7		ug/L		88	75 - 125
Vanadium	1.4	U	20.0	15.5		ug/L		77	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-69786-2 MS — **Client Sample ID: SLMW-10-6-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207269 — **Prep Batch: 207149**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Zinc	3.0	J	20.0	14.7	J	ug/L		59	75 - 125

Lab Sample ID: 680-69786-2 MSD — **Client Sample ID: SLMW-10-6-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207269 — **Prep Batch: 207149**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Arsenic	2.7	J	20.0	15.9	J	ug/L		66	75 - 125	6	20
Barium	130	J	20.0	153	4	ug/L		100	75 - 125	6	20
Beryllium	0.070	U	10.0	10.4		ug/L		104	75 - 125	1	20
Chromium	0.16	U J	20.0	14.1	J	ug/L		71	75 - 125	0	20
Cobalt	3.3	J	10.0	10.1	J	ug/L		69	75 - 125	2	20
Copper	0.21	U J	20.0	14.1	J	ug/L		71	75 - 125	1	20
Nickel	0.40	U J	20.0	13.9	J	ug/L		70	75 - 125	5	20
Selenium	4.0	J	20.0	16.2	J	ug/L		61	75 - 125	6	20
Silver	0.10	U J	10.0	6.90	J	ug/L		69	75 - 125	2	20
Thallium	0.10	U	8.00	7.46		ug/L		93	75 - 125	3	20
Tin	3.0		20.0	20.2		ug/L		86	75 - 125	2	20
Vanadium	1.4	U	20.0	15.1		ug/L		76	75 - 125	2	20
Zinc	3.0	J	20.0	14.1	J	ug/L		56	75 - 125	4	20

Lab Sample ID: MB 680-207342/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208424 — **Prep Batch: 207342**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.20	U	0.50	0.20	ug/L		06/28/11 14:32	07/08/11 15:44	1
Lead	0.080	U	0.30	0.080	ug/L		06/28/11 14:32	07/08/11 15:44	1

Lab Sample ID: MB 680-207342/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208517 — **Prep Batch: 207342**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.99	U	2.0	0.99	ug/L		06/28/11 14:32	07/09/11 23:47	1

Lab Sample ID: LCS 680-207342/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208424 — **Prep Batch: 207342**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cadmium	10.0	10.9		ug/L		109	75 - 125
Lead	10.0	10.7		ug/L		107	75 - 125

Lab Sample ID: LCS 680-207342/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208517 — **Prep Batch: 207342**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	10.0	10.5		ug/L		105	75 - 125

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 680-207611/11 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207611

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.075	U	0.25	0.075	mg/L			06/25/11 20:40	5

Lab Sample ID: LCS 680-207611/12 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207611

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Nitrate as N	4.99	4.95		mg/L		99	90 - 110

Lab Sample ID: LCSD 680-207611/13 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207611

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Nitrate as N	4.99	4.95		mg/L		99	90 - 110	0	30

Lab Sample ID: 680-69786-3 MS — **Client Sample ID: SLMW-11R-6-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207611

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Nitrate as N	0.077	J	4.99	5.15		mg/L		102	90 - 110

Lab Sample ID: 680-69786-3 MSD — **Client Sample ID: SLMW-11R-6-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207611

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Nitrate as N	0.077	J	4.99	5.17		mg/L		102	90 - 110	0	30

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 680-207930/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208037 — **Prep Batch: 207930**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.0050	U	0.010	0.0050	mg/L		07/05/11 05:30	07/06/11 10:27	1

Lab Sample ID: LCS 680-207930/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208037 — **Prep Batch: 207930**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	0.0301	0.0317		mg/L		105	85 - 115

Method: 9034 - Sulfide, Acid Soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 680-207164/1-A
Matrix: Water
Analysis Batch: 207211

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 207164

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	10	U	10	10	mg/L		06/27/11 12:43	06/27/11 15:21	1

Lab Sample ID: LCS 680-207164/2-A
Matrix: Water
Analysis Batch: 207211

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 207164

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
Sulfide			456	280		mg/L		61	50 - 150		

Lab Sample ID: 680-69786-3 DU
Matrix: Water
Analysis Batch: 207211

Client Sample ID: SLMW-11R-6-11
Prep Type: Total/NA
Prep Batch: 207164

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Sulfide	12			10	U	mg/L				NC	50

Client Sample ID: SLMW-13-6-11 — Lab Sample ID: 680-69786-1

Date Collected: 06/23/11 15:35 — **Matrix: Water**
Date Received: 06/25/11 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			207477	06/29/11 14:40	RBS	TAL SAV
Total/NA	Analysis	8270D		1	208844	07/13/11 21:33	LH	TAL SAV
Total/NA	Prep	3520C			207485	06/29/11 14:40	RBS	TAL SAV
Total/NA	Analysis	8081B/8082A		1	208091	07/05/11 22:10	CAS	TAL SAV

Client Sample ID: SLMW-10-6-11 — Lab Sample ID: 680-69786-2

Date Collected: 06/24/11 16:25 — **Matrix: Water**
Date Received: 06/25/11 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			207477	06/29/11 14:40	RBS	TAL SAV
Total/NA	Analysis	8270D		1	208844	07/13/11 22:03	LH	TAL SAV
Total/NA	Prep	8151A			207125	06/27/11 08:35	CTR	TAL SAV
Total/NA	Analysis	8151A		1	207719	06/30/11 00:34	CAS	TAL SAV
Total/NA	Prep	3520C			207485	06/29/11 14:40	RBS	TAL SAV
Total/NA	Analysis	8141B		1	207916	07/03/11 00:51	JK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	208091	07/05/11 22:33	CAS	TAL SAV
Total/NA	Prep	3030C			207149	06/27/11 10:44	RA	TAL SAV
Total/NA	Analysis	6020A		1	207269	06/27/11 17:13	BB	TAL SAV
Total/NA	Prep	3030C			207342	06/28/11 14:35	RA	TAL SAV
Total/NA	Analysis	6020A		1	208424	07/08/11 16:36	BB	TAL SAV
Total/NA	Analysis	6020A		1	208517	07/10/11 03:08	BR	TAL SAV
Total/NA	Prep	9030B			207164	06/27/11 12:43	MSJ	TAL SAV
Total/NA	Analysis	9034		1	207211	06/27/11 15:21	MSJ	TAL SAV
Total/NA	Analysis	300.0		5	207611	06/25/11 21:38	CB	TAL SAV
Total/NA	Prep	9012B			207930	07/05/11 05:30	DAM	TAL SAV
Total/NA	Analysis	9012B		1	208037	07/06/11 10:31	DAM	TAL SAV

Client Sample ID: SLMW-11R-6-11 — Lab Sample ID: 680-69786-3

Date Collected: 06/24/11 17:45 — **Matrix: Water**
Date Received: 06/25/11 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3030C			207149	06/27/11 10:44	RA	TAL SAV
Total/NA	Analysis	6020A		1	207269	06/27/11 17:32	BB	TAL SAV
Total/NA	Prep	3030C			207342	06/28/11 14:35	RA	TAL SAV
Total/NA	Analysis	6020A		1	208424	07/08/11 16:14	BB	TAL SAV
Total/NA	Analysis	6020A		1	208517	07/10/11 00:26	BR	TAL SAV
Total/NA	Prep	9030B			207164	06/27/11 12:43	MSJ	TAL SAV
Total/NA	Analysis	9034		1	207211	06/27/11 15:21	MSJ	TAL SAV
Total/NA	Analysis	300.0		5	207611	06/25/11 22:07	CB	TAL SAV
Total/NA	Prep	9012B			207930	07/05/11 05:30	DAM	TAL SAV
Total/NA	Analysis	9012B		1	208037	07/06/11 10:32	DAM	TAL SAV

Client Sample ID: SLMW-12AR-6-11 — Lab Sample ID: 680-69786-4

Date Collected: 06/22/11 13:15 — **Matrix: Water**
Date Received: 06/25/11 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	207229	06/27/11 17:53	RB	TAL SAV

Client Sample ID: SLMW-12BR-6-11 — Lab Sample ID: 680-69786-5

Date Collected: 06/23/11 09:08 — **Matrix: Water**
Date Received: 06/25/11 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	207229	06/27/11 18:21	RB	TAL SAV

Client Sample ID: SLMW-06-6-11 — Lab Sample ID: 680-69786-6

Date Collected: 06/23/11 11:45 — **Matrix: Water**
Date Received: 06/25/11 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	207792	06/29/11 14:15	AGM	TAL SAV

Client Sample ID: SLMW-DUP1-6-11 — Lab Sample ID: 680-69786-7

Date Collected: 06/23/11 15:30 — **Matrix: Water**
Date Received: 06/25/11 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	207792	06/29/11 15:14	AGM	TAL SAV

Client Sample ID: SLMW-13-6-11 — Lab Sample ID: 680-69786-8

Date Collected: 06/23/11 15:35 — **Matrix: Water**
Date Received: 06/25/11 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	207229	06/27/11 18:50	RB	TAL SAV

Client Sample ID: SLMW-10-6-11 — Lab Sample ID: 680-69786-9

Date Collected: 06/24/11 16:25 — **Matrix: Water**
Date Received: 06/25/11 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	207229	06/27/11 19:19	RB	TAL SAV

Client Sample ID: SLMW-11R-6-11 — Lab Sample ID: 680-69786-10

Date Collected: 06/24/11 17:45 — **Matrix: Water**
Date Received: 06/25/11 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	207229	06/27/11 19:48	RB	TAL SAV

Lab Chronicle

Client: U.S. Army Corps of Engineers
Project/Site: Ft. Bragg Longstreet Landfill

TestAmerica Job ID: 680-69786-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-69786-11

Date Collected: 06/24/11 00:00

Matrix: Water

Date Received: 06/25/11 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	207862	07/01/11 18:32	RB	TAL SAV

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Serial Number 0432269

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE: Ft Braggs Longstreet LF	PROJECT NO.	PROJECT LOCATION (STATE): NC
TAL (LAB) PROJECT MANAGER: Kathy Smith	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM: Kevin Hoborck	CLIENT PHONE: 912-652-6083	CLIENT FAX: 912-652-5311
CLIENT NAME: USACE	CLIENT E-MAIL: kevin.hoborck@usace.army.mil	
CLIENT ADDRESS: 100 W Oglethorpe Ave Savannah Ga 31402		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 1 OF 1

STANDARD REPORT DELIVERY ◯

DATE DUE _____

EXPEDITED REPORT DELIVERY (SURCHARGE) ◯

DATE DUE _____

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

REQUIRED ANALYSIS

PRESERVATIVE

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	ICE	HNO3 & NaOH	NaOH	HNO3	8018/8082A, 8260B, 8141B, 300.0, 8151A	9034	9012B	6020A/200.7	REMARKS
6-23-11	1535	SLMW-13-6-11	G	X				2								
6-24-11	1625	SLMW-10-6-11	G	X				9	2	1	1					
6-24-11	1745	SLMW-11R-6-11	G	X				1	2	1	1					

NUMBER OF CONTAINERS SUBMITTED

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	6-24-11	1830	Shipped Fedex					
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]	6/25/11	1015	YES ◯ NO ◯		680-69786	2.6/3.3°C

TA1 8240-680 (1008)

Serial Number

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location

Phone:
Fax:

PAGE 1 OF 1

PROJECT REFERENCE: Ft Bragg Long Street LF	PROJECT NO.	PROJECT LOCATION (STATE): NC
TAL (LAB) PROJECT MANAGER: Kathy Smith	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM: Kevin Haboack	CLIENT PHONE: 912-652-6083	CLIENT FAX: 912-652-5311
CLIENT NAME: USACE	CLIENT E-MAIL: Kevin.Haboack@usace.army.mil	
CLIENT ADDRESS: 100 W Oglethorpe Ave Savannah Ga 31402		
COMPANY CONTRACTING THIS WORK (if applicable)		

STANDARD REPORT DELIVERY ◯

DATE DUE _____

EXPEDITED REPORT DELIVERY (SURCHARGE) ◯

DATE DUE _____

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

REQUIRED ANALYSIS: 8260B

PRESERVATIVE: ICE

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
6-22-11	1015	SLMW-12AR-6-11	G	X				3	
6-23-11	0908	SLMW-12BR-6-11	G	X				3	
6-23-11	1145	SLMW-06-6-11(MS/MSD)	G	X				6	MS/MSD taken
6-23-11	1530	SLMW-DUP1-6-11	G	X				3	
6-23-11	1535	SLMW-13-6-11	G	X				3	
6-24-11	1625	SLMW-10-6-11	G	X				3	
6-24-11	1745	SLMW-11R-6-11	G	X				3	
—	—	Trip Blank							

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	6-24-11	1830	Shipped by FedEx					
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]	6/25/11	1015	YES ◯ NO ◯		680-69786	2.6/3.5°C

TAL 8240-680 (1008)

Certification Summary

Client: U.S. Army Corps of Engineers
Project/Site: Ft. Bragg Longstreet Landfill

TestAmerica Job ID: 680-69786-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Savannah	A2LA	DoD ELAP		0399-01
TestAmerica Savannah	A2LA	ISO/IEC 17025		399.01
TestAmerica Savannah	Alabama	State Program	4	41450
TestAmerica Savannah	Arkansas	Arkansas DOH	6	N/A
TestAmerica Savannah	Arkansas	State Program	6	88-0692
TestAmerica Savannah	California	NELAC	9	3217CA
TestAmerica Savannah	Colorado	State Program	8	N/A
TestAmerica Savannah	Connecticut	State Program	1	PH-0161
TestAmerica Savannah	Delaware	State Program	3	N/A
TestAmerica Savannah	Florida	NELAC	4	E87052
TestAmerica Savannah	Georgia	Georgia EPD	4	N/A
TestAmerica Savannah	Georgia	State Program	4	803
TestAmerica Savannah	Guam	State Program	9	09-005r
TestAmerica Savannah	Hawaii	State Program	9	N/A
TestAmerica Savannah	Illinois	NELAC	5	200022
TestAmerica Savannah	Indiana	State Program	5	N/A
TestAmerica Savannah	Iowa	State Program	7	353
TestAmerica Savannah	Kansas	NELAC	7	E-10322
TestAmerica Savannah	Kentucky	Kentucky UST	4	18
TestAmerica Savannah	Kentucky	State Program	4	90084
TestAmerica Savannah	Louisiana	NELAC	6	30690
TestAmerica Savannah	Louisiana	NELAC	6	LA100015
TestAmerica Savannah	Maine	State Program	1	GA00006
TestAmerica Savannah	Maryland	State Program	3	250
TestAmerica Savannah	Massachusetts	State Program	1	M-GA006
TestAmerica Savannah	Michigan	State Program	5	9925
TestAmerica Savannah	Mississippi	State Program	4	N/A
TestAmerica Savannah	Montana	State Program	8	CERT0081
TestAmerica Savannah	Nebraska	State Program	7	TestAmerica-Savannah
TestAmerica Savannah	Nevada	State Program	9	GA6
TestAmerica Savannah	New Jersey	NELAC	2	GA769
TestAmerica Savannah	New Mexico	State Program	6	N/A
TestAmerica Savannah	New York	NELAC	2	10842
TestAmerica Savannah	North Carolina	North Carolina DENR	4	269
TestAmerica Savannah	North Carolina	North Carolina PHL	4	13701
TestAmerica Savannah	Oklahoma	State Program	6	9984
TestAmerica Savannah	Pennsylvania	NELAC	3	68-00474
TestAmerica Savannah	Puerto Rico	State Program	2	GA00006
TestAmerica Savannah	Rhode Island	State Program	1	LAO00244
TestAmerica Savannah	South Carolina	State Program	4	98001
TestAmerica Savannah	Tennessee	State Program	4	TN02961
TestAmerica Savannah	Texas	NELAC	6	T104704185-08-TX
TestAmerica Savannah	USDA	USDA		SAV 3-04
TestAmerica Savannah	Vermont	State Program	1	87052
TestAmerica Savannah	Virginia	State Program	3	302
TestAmerica Savannah	Washington	State Program	10	C1794
TestAmerica Savannah	West Virginia	West Virginia DEP	3	94
TestAmerica Savannah	West Virginia	West Virginia DHHR (DW)	3	9950C
TestAmerica Savannah	Wisconsin	State Program	5	999819810
TestAmerica Savannah	Wyoming	State Program	8	8TMS-Q

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

TestAmerica Job ID: 680-69744-1
Client Project/Site: Ft. Bragg Longstreet Landfill

For:
U.S. Army Corps of Engineers
PO BOX 889
Savannah, Georgia 31402-0889

Attn: Mr. Kevin Haborak

Kathryn Smith

Authorized for release by:
07/20/2011 01:48:47 PM

Kathryn Smith
Project Manager I
kathye.smith@testamericainc.com

LINKS

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Results relate only to the items tested and the sample(s) as received by the laboratory. The test results in this report meet all 2003 NELAC requirements for accredited parameters, exceptions are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Certification Summary 45

Job ID: 680-69744-1

Laboratory: TestAmerica Savannah

Narrative

Job Narrative
680-69744-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS Semi VOA
No analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Metals
Method(s) 6020A: The laboratory control sample (LCS) batch 206987 exceeded control limits for the following analytes: Se. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No other analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

Sample Summary

Client: U.S. Army Corps of Engineers
Project/Site: Ft. Bragg Longstreet Landfill

TestAmerica Job ID: 680-69744-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-69744-1	SLMW-12BR-6-11	Water	06/23/11 09:08	06/24/11 09:20
680-69744-2	SLMW-06-06-11	Water	06/23/11 11:45	06/24/11 09:20
680-69744-3	SLMW-DUP1-6-11	Water	06/23/11 15:30	06/24/11 09:20
680-69744-4	SLMW-13-6-11	Water	06/23/11 15:35	06/24/11 09:20

Method Summary

Client: U.S. Army Corps of Engineers
Project/Site: Ft. Bragg Longstreet Landfill

TestAmerica Job ID: 680-69744-1

Method	Method Description	Protocol	Laboratory
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL SAV
8081B/8082A	Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography	SW846	TAL SAV
8141B	Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique	SW846	TAL SAV
8151A	Herbicides (GC)	SW846	TAL SAV
6020A	Metals (ICP/MS)	SW846	TAL SAV
7470A	Mercury (CVAA)	SW846	TAL SAV
300.0	Anions, Ion Chromatography	MCAWW	TAL SAV
9012B	Cyanide, Total andor Amenable	SW846	TAL SAV
9034	Sulfide, Acid Soluble and Insoluble (Titrimetric)	SW846	TAL SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Estimated: The analyte was positively identified; the quantitation is an estimation
J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
M	Manual integrated compound.
Q	One or more quality control criteria failed.
U	Undetected at the Limit of Detection.

GC Semi VOA

Qualifier	Qualifier Description
J	Estimated: The analyte was positively identified; the quantitation is an estimation
J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
M	Manual integrated compound.
U	Undetected at the Limit of Detection.

Metals

Qualifier	Qualifier Description
J	Estimated: The analyte was positively identified; the quantitation is an estimation
J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
Q	One or more quality control criteria failed.
U	Undetected at the Limit of Detection.

General Chemistry

Qualifier	Qualifier Description
J	Estimated: The analyte was positively identified; the quantitation is an estimation
M	Manual integrated compound.
U	Undetected at the Limit of Detection.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

Client Sample ID: SLMW-12BR-6-11

Lab Sample ID: 680-69744-1

Date Collected: 06/23/11 09:08

Matrix: Water

Date Received: 06/24/11 09:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.72	U	9.5	0.72	ug/L		06/26/11 15:55	07/11/11 17:34	1
Acenaphthylene	0.80	U	9.5	0.80	ug/L		06/26/11 15:55	07/11/11 17:34	1
Acetophenone	0.54	U	9.5	0.54	ug/L		06/26/11 15:55	07/11/11 17:34	1
2-Acetylaminofluorene	1.5	U	9.5	1.5	ug/L		06/26/11 15:55	07/11/11 17:34	1
4-Aminobiphenyl	1.1	U	9.5	1.1	ug/L		06/26/11 15:55	07/11/11 17:34	1
Anthracene	0.65	U	9.5	0.65	ug/L		06/26/11 15:55	07/11/11 17:34	1
Benzo[a]anthracene	0.52	U	9.5	0.52	ug/L		06/26/11 15:55	07/11/11 17:34	1
Benzo[a]pyrene	0.67	U	9.5	0.67	ug/L		06/26/11 15:55	07/11/11 17:34	1
Benzo[b]fluoranthene	2.5	U	9.5	2.5	ug/L		06/26/11 15:55	07/11/11 17:34	1
Benzo[g,h,i]perylene	0.82	U	9.5	0.82	ug/L		06/26/11 15:55	07/11/11 17:34	1
Benzo[k]fluoranthene	1.1	U	9.5	1.1	ug/L		06/26/11 15:55	07/11/11 17:34	1
Benzyl alcohol	1.0	U	9.5	1.0	ug/L		06/26/11 15:55	07/11/11 17:34	1
1,1'-Biphenyl	0.55	U	9.5	0.55	ug/L		06/26/11 15:55	07/11/11 17:34	1
Bis(2-chloroethoxy)methane	0.89	U	9.5	0.89	ug/L		06/26/11 15:55	07/11/11 17:34	1
Bis(2-chloroethyl)ether	1.0	U	9.5	1.0	ug/L		06/26/11 15:55	07/11/11 17:34	1
bis(chloroisopropyl) ether	0.74	U	9.5	0.74	ug/L		06/26/11 15:55	07/11/11 17:34	1
Bis(2-ethylhexyl) phthalate	1.5	U	9.5	1.5	ug/L		06/26/11 15:55	07/11/11 17:34	1
4-Bromophenyl phenyl ether	0.73	U	9.5	0.73	ug/L		06/26/11 15:55	07/11/11 17:34	1
Butyl benzyl phthalate	1.1	U	9.5	1.1	ug/L		06/26/11 15:55	07/11/11 17:34	1
4-Chloroaniline	2.1	U	19	2.1	ug/L		06/26/11 15:55	07/11/11 17:34	1
4-Chloro-3-methylphenol	0.95	U	9.5	0.95	ug/L		06/26/11 15:55	07/11/11 17:34	1
2-Chloronaphthalene	0.76	U	9.5	0.76	ug/L		06/26/11 15:55	07/11/11 17:34	1
2-Chlorophenol	0.82	U	9.5	0.82	ug/L		06/26/11 15:55	07/11/11 17:34	1
4-Chlorophenyl phenyl ether	0.80	U	9.5	0.80	ug/L		06/26/11 15:55	07/11/11 17:34	1
Chrysene	0.48	U	9.5	0.48	ug/L		06/26/11 15:55	07/11/11 17:34	1
Diallate	0.74	U	9.5	0.74	ug/L		06/26/11 15:55	07/11/11 17:34	1
Dibenz(a,h)anthracene	0.95	U	9.5	0.95	ug/L		06/26/11 15:55	07/11/11 17:34	1
Dibenzofuran	0.75	U	9.5	0.75	ug/L		06/26/11 15:55	07/11/11 17:34	1
3,3'-Dichlorobenzidine	28	U	57	28	ug/L		06/26/11 15:55	07/11/11 17:34	1
2,4-Dichlorophenol	1.0	U	9.5	1.0	ug/L		06/26/11 15:55	07/11/11 17:34	1
2,6-Dichlorophenol	0.69	U	9.5	0.69	ug/L		06/26/11 15:55	07/11/11 17:34	1
Diethyl phthalate	0.83	U	9.5	0.83	ug/L		06/26/11 15:55	07/11/11 17:34	1
Dimethoate	0.71	U	9.5	0.71	ug/L		06/26/11 15:55	07/11/11 17:34	1
7,12-Dimethylbenz(a)anthracene	1.1	U	9.5	1.1	ug/L		06/26/11 15:55	07/11/11 17:34	1
3,3'-Dimethylbenzidine	9.5	U	19	9.5	ug/L		06/26/11 15:55	07/11/11 17:34	1
2,4-Dimethylphenol	3.8	U	9.5	3.8	ug/L		06/26/11 15:55	07/11/11 17:34	1
Dimethyl phthalate	0.94	U	9.5	0.94	ug/L		06/26/11 15:55	07/11/11 17:34	1
Di-n-butyl phthalate	0.79	U	9.5	0.79	ug/L		06/26/11 15:55	07/11/11 17:34	1
1,3-Dinitrobenzene	0.57	U	9.5	0.57	ug/L		06/26/11 15:55	07/11/11 17:34	1
4,6-Dinitro-2-methylphenol	9.5	U	47	9.5	ug/L		06/26/11 15:55	07/11/11 17:34	1
2,4-Dinitrophenol	9.5	U	47	9.5	ug/L		06/26/11 15:55	07/11/11 17:34	1
2,4-Dinitrotoluene	1.1	U	9.5	1.1	ug/L		06/26/11 15:55	07/11/11 17:34	1
2,6-Dinitrotoluene	1.0	U	9.5	1.0	ug/L		06/26/11 15:55	07/11/11 17:34	1
Di-n-octyl phthalate	1.3	U	9.5	1.3	ug/L		06/26/11 15:55	07/11/11 17:34	1
Dinoseb	4.7	U	9.5	4.7	ug/L		06/26/11 15:55	07/11/11 17:34	1
1,4-Dioxane	3.2	U	9.5	3.2	ug/L		06/26/11 15:55	07/11/11 17:34	1
Disulfoton	0.75	U	9.5	0.75	ug/L		06/26/11 15:55	07/11/11 17:34	1
Ethyl methanesulfonate	0.91	U	9.5	0.91	ug/L		06/26/11 15:55	07/11/11 17:34	1
Ethyl Parathion	1.2	U	9.5	1.2	ug/L		06/26/11 15:55	07/11/11 17:34	1
Famphur	1.0	U Q	9.5	1.0	ug/L		06/26/11 15:55	07/11/11 17:34	1

Client Sample ID: SLMW-12BR-6-11

Lab Sample ID: 680-69744-1

Date Collected: 06/23/11 09:08

Matrix: Water

Date Received: 06/24/11 09:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	0.70	U	9.5	0.70	ug/L		06/26/11 15:55	07/11/11 17:34	1
Fluorene	0.91	U	9.5	0.91	ug/L		06/26/11 15:55	07/11/11 17:34	1
Hexachlorobenzene	0.75	U	9.5	0.75	ug/L		06/26/11 15:55	07/11/11 17:34	1
Hexachlorobutadiene	0.59	U	9.5	0.59	ug/L		06/26/11 15:55	07/11/11 17:34	1
Hexachlorocyclopentadiene	2.4	U	9.5	2.4	ug/L		06/26/11 15:55	07/11/11 17:34	1
Hexachloroethane	0.72	U	9.5	0.72	ug/L		06/26/11 15:55	07/11/11 17:34	1
Hexachloropropene	1.3	U	9.5	1.3	ug/L		06/26/11 15:55	07/11/11 17:34	1
Indeno[1,2,3-cd]pyrene	0.95	U	9.5	0.95	ug/L		06/26/11 15:55	07/11/11 17:34	1
Isophorone	0.85	U	9.5	0.85	ug/L		06/26/11 15:55	07/11/11 17:34	1
Isosafrole	0.47	U	9.5	0.47	ug/L		06/26/11 15:55	07/11/11 17:34	1
Methapyrilene	2.6	U	1900	2.6	ug/L		06/26/11 15:55	07/11/11 17:34	1
3-Methylcholanthrene	1.3	U	9.5	1.3	ug/L		06/26/11 15:55	07/11/11 17:34	1
Methyl methanesulfonate	0.57	U	9.5	0.57	ug/L		06/26/11 15:55	07/11/11 17:34	1
2-Methylnaphthalene	0.74	U	9.5	0.74	ug/L		06/26/11 15:55	07/11/11 17:34	1
Methyl parathion	0.83	U	9.5	0.83	ug/L		06/26/11 15:55	07/11/11 17:34	1
2-Methylphenol	0.84	U	9.5	0.84	ug/L		06/26/11 15:55	07/11/11 17:34	1
3 & 4 Methylphenol	1.2	U	9.5	1.2	ug/L		06/26/11 15:55	07/11/11 17:34	1
Naphthalene	0.66	U	9.5	0.66	ug/L		06/26/11 15:55	07/11/11 17:34	1
1,4-Naphthoquinone	0.59	U	9.5	0.59	ug/L		06/26/11 15:55	07/11/11 17:34	1
1-Naphthylamine	1.0	U	9.5	1.0	ug/L		06/26/11 15:55	07/11/11 17:34	1
2-Naphthylamine	1.4	U	9.5	1.4	ug/L		06/26/11 15:55	07/11/11 17:34	1
2-Nitroaniline	1.2	U	47	1.2	ug/L		06/26/11 15:55	07/11/11 17:34	1
3-Nitroaniline	4.7	U	47	4.7	ug/L		06/26/11 15:55	07/11/11 17:34	1
4-Nitroaniline	4.7	U	47	4.7	ug/L		06/26/11 15:55	07/11/11 17:34	1
Nitrobenzene	0.69	U	9.5	0.69	ug/L		06/26/11 15:55	07/11/11 17:34	1
2-Nitrophenol	0.72	U	9.5	0.72	ug/L		06/26/11 15:55	07/11/11 17:34	1
4-Nitrophenol	1.8	U	47	1.8	ug/L		06/26/11 15:55	07/11/11 17:34	1
N-Nitro-o-toluidine	1.4	U	9.5	1.4	ug/L		06/26/11 15:55	07/11/11 17:34	1
N-Nitrosodiethylamine	0.88	U	9.5	0.88	ug/L		06/26/11 15:55	07/11/11 17:34	1
N-Nitrosodimethylamine	2.7	U	9.5	2.7	ug/L		06/26/11 15:55	07/11/11 17:34	1
N-Nitrosodi-n-butylamine	0.91	U	9.5	0.91	ug/L		06/26/11 15:55	07/11/11 17:34	1
N-Nitrosodi-n-propylamine	0.68	U	9.5	0.68	ug/L		06/26/11 15:55	07/11/11 17:34	1
N-Nitrosodiphenylamine	0.87	U	9.5	0.87	ug/L		06/26/11 15:55	07/11/11 17:34	1
N-Nitrosomethylethylamine	3.1	U	9.5	3.1	ug/L		06/26/11 15:55	07/11/11 17:34	1
N-Nitrosopiperidine	0.83	U	9.5	0.83	ug/L		06/26/11 15:55	07/11/11 17:34	1
N-Nitrosopyrrolidine	0.95	U	9.5	0.95	ug/L		06/26/11 15:55	07/11/11 17:34	1
o,o',o''-Triethylphosphorothioate	0.95	U	9.5	0.95	ug/L		06/26/11 15:55	07/11/11 17:34	1
p-Dimethylamino azobenzene	0.75	U	9.5	0.75	ug/L		06/26/11 15:55	07/11/11 17:34	1
Pentachlorobenzene	0.49	U	9.5	0.49	ug/L		06/26/11 15:55	07/11/11 17:34	1
Pentachloronitrobenzene	0.74	U	9.5	0.74	ug/L		06/26/11 15:55	07/11/11 17:34	1
Pentachlorophenol	1.9	U	47	1.9	ug/L		06/26/11 15:55	07/11/11 17:34	1
Phenacetin	1.3	U	9.5	1.3	ug/L		06/26/11 15:55	07/11/11 17:34	1
Phenanthrene	0.73	U	9.5	0.73	ug/L		06/26/11 15:55	07/11/11 17:34	1
Phenol	0.79	U	9.5	0.79	ug/L		06/26/11 15:55	07/11/11 17:34	1
Phorate	0.82	U	9.5	0.82	ug/L		06/26/11 15:55	07/11/11 17:34	1
p-Phenylene diamine	9.5	U	1900	9.5	ug/L		06/26/11 15:55	07/11/11 17:34	1
Pronamide	0.84	U	9.5	0.84	ug/L		06/26/11 15:55	07/11/11 17:34	1
Pyrene	0.60	U	9.5	0.60	ug/L		06/26/11 15:55	07/11/11 17:34	1
Safrole, Total	0.76	U	9.5	0.76	ug/L		06/26/11 15:55	07/11/11 17:34	1
Sulfotepp	0.50	U	9.5	0.50	ug/L		06/26/11 15:55	07/11/11 17:34	1

Client Sample ID: SLMW-12BR-6-11

Lab Sample ID: 680-69744-1

Date Collected: 06/23/11 09:08

Matrix: Water

Date Received: 06/24/11 09:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	0.72	U	9.5	0.72	ug/L		06/26/11 15:55	07/11/11 17:34	1
2,3,4,6-Tetrachlorophenol	0.68	U	9.5	0.68	ug/L		06/26/11 15:55	07/11/11 17:34	1
Thionazin	0.86	U	9.5	0.86	ug/L		06/26/11 15:55	07/11/11 17:34	1
2-Toluidine	1.3	U	9.5	1.3	ug/L		06/26/11 15:55	07/11/11 17:34	1
2,4,5-Trichlorophenol	1.1	U	9.5	1.1	ug/L		06/26/11 15:55	07/11/11 17:34	1
2,4,6-Trichlorophenol	0.80	U	9.5	0.80	ug/L		06/26/11 15:55	07/11/11 17:34	1
1,3,5-Trinitrobenzene	1.9	U	9.5	1.9	ug/L		06/26/11 15:55	07/11/11 17:34	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*38 - 130*	*06/26/11 15:55*	*07/11/11 17:34*	*1*
2-Fluorophenol	*60*		*25 - 130*	*06/26/11 15:55*	*07/11/11 17:34*	*1*
Nitrobenzene-d5	*66*		*39 - 130*	*06/26/11 15:55*	*07/11/11 17:34*	*1*
Phenol-d5	*58*		*25 - 130*	*06/26/11 15:55*	*07/11/11 17:34*	*1*
Terphenyl-d14	*74*		*10 - 143*	*06/26/11 15:55*	*07/11/11 17:34*	*1*
2,4,6-Tribromophenol	*100*		*31 - 141*	*06/26/11 15:55*	*07/11/11 17:34*	*1*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0062	U	0.095	0.0062	ug/L		06/26/11 15:55	07/05/11 18:19	1
4,4'-DDE	0.0073	U	0.095	0.0073	ug/L		06/26/11 15:55	07/05/11 18:19	1
4,4'-DDT	0.0092	U	0.095	0.0092	ug/L		06/26/11 15:55	07/05/11 18:19	1
Aldrin	0.0067	U	0.048	0.0067	ug/L		06/26/11 15:55	07/05/11 18:19	1
alpha-BHC	0.0054	U	0.048	0.0054	ug/L		06/26/11 15:55	07/05/11 18:19	1
beta-BHC	0.0064	U	0.048	0.0064	ug/L		06/26/11 15:55	07/05/11 18:19	1
Chlordane (technical)	0.095	U	0.48	0.095	ug/L		06/26/11 15:55	07/05/11 18:19	1
Chlorobenzilate	0.48	U	0.48	0.48	ug/L		06/26/11 15:55	07/05/11 18:19	1
delta-BHC	0.0046	U	0.048	0.0046	ug/L		06/26/11 15:55	07/05/11 18:19	1
Dieldrin	0.0086	U	0.095	0.0086	ug/L		06/26/11 15:55	07/05/11 18:19	1
Endosulfan I	0.0040	U	0.048	0.0040	ug/L		06/26/11 15:55	07/05/11 18:19	1
Endosulfan II	0.0093	U	0.095	0.0093	ug/L		06/26/11 15:55	07/05/11 18:19	1
Endosulfan sulfate	0.0065	U	0.095	0.0065	ug/L		06/26/11 15:55	07/05/11 18:19	1
Endrin	0.0092	U	0.095	0.0092	ug/L		06/26/11 15:55	07/05/11 18:19	1
Endrin aldehyde	0.015	U	0.095	0.015	ug/L		06/26/11 15:55	07/05/11 18:19	1
gamma-BHC (Lindane)	0.0056	U	0.048	0.0056	ug/L		06/26/11 15:55	07/05/11 18:19	1
Heptachlor	0.0067	U	0.048	0.0067	ug/L		06/26/11 15:55	07/05/11 18:19	1
Heptachlor epoxide	0.0057	U	0.048	0.0057	ug/L		06/26/11 15:55	07/05/11 18:19	1
Isodrin	0.048	U	0.048	0.048	ug/L		06/26/11 15:55	07/05/11 18:19	1
Methoxychlor	0.012	U	0.095	0.012	ug/L		06/26/11 15:55	07/05/11 18:19	1
PCB-1016	0.067	U	0.95	0.067	ug/L		06/26/11 15:55	07/05/11 18:19	1
PCB-1221	0.27	U	1.9	0.27	ug/L		06/26/11 15:55	07/05/11 18:19	1
PCB-1232	0.10	U	0.95	0.10	ug/L		06/26/11 15:55	07/05/11 18:19	1
PCB-1242	0.17	U	0.95	0.17	ug/L		06/26/11 15:55	07/05/11 18:19	1
PCB-1248	0.34	U	0.95	0.34	ug/L		06/26/11 15:55	07/05/11 18:19	1
PCB-1254	0.25	U	0.95	0.25	ug/L		06/26/11 15:55	07/05/11 18:19	1
PCB-1260	0.19	U	0.95	0.19	ug/L		06/26/11 15:55	07/05/11 18:19	1
PCB-1262	0.23	U	0.95	0.23	ug/L		06/26/11 15:55	07/05/11 18:19	1
Toxaphene	0.48	U	4.8	0.48	ug/L		06/26/11 15:55	07/05/11 18:19	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*40*	*M*	*40 - 130*	*06/26/11 15:55*	*07/05/11 18:19*	*1*

Client Sample ID: SLMW-12BR-6-11

Lab Sample ID: 680-69744-1

Date Collected: 06/23/11 09:08
Matrix: Water
Date Received: 06/24/11 09:20

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*56*		*36 - 130*	*06/26/11 15:55*	*07/05/11 18:19*	*1*

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethoate	0.95	U	1.9	0.95	ug/L		06/26/11 15:55	06/30/11 07:26	1
Disulfoton	0.95	U	1.9	0.95	ug/L		06/26/11 15:55	06/30/11 07:26	1
Ethyl Parathion	0.48	U	0.95	0.48	ug/L		06/26/11 15:55	06/30/11 07:26	1
Famphur	0.95	U	1.9	0.95	ug/L		06/26/11 15:55	06/30/11 07:26	1
Methyl parathion	0.48	U	0.48	0.48	ug/L		06/26/11 15:55	06/30/11 07:26	1
Phorate	0.48	U	0.95	0.48	ug/L		06/26/11 15:55	06/30/11 07:26	1
Sulfotepp	0.48	U	0.48	0.48	ug/L		06/26/11 15:55	06/30/11 07:26	1
Thionazin	0.48	U	0.95	0.48	ug/L		06/26/11 15:55	06/30/11 07:26	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Triphenylphosphate	*86*		*67 - 130*	*06/26/11 15:55*	*06/30/11 07:26*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.036	U	0.48	0.036	ug/L		06/27/11 08:35	06/29/11 23:46	1
2,4-DB	0.14	U	0.48	0.14	ug/L		06/27/11 08:35	06/29/11 23:46	1
2,4,5-T	0.060	U	0.48	0.060	ug/L		06/27/11 08:35	06/29/11 23:46	1
Silvex (2,4,5-TP)	0.060	U	0.48	0.060	ug/L		06/27/11 08:35	06/29/11 23:46	1
Dalapon	0.096	U	9.6	0.096	ug/L		06/27/11 08:35	06/29/11 23:46	1
Dicamba	0.082	U	0.48	0.082	ug/L		06/27/11 08:35	06/29/11 23:46	1
Dichlorprop	0.14	U	0.48	0.14	ug/L		06/27/11 08:35	06/29/11 23:46	1
Dinoseb	0.15	U	5.8	0.15	ug/L		06/27/11 08:35	06/29/11 23:46	1
MCPA	16	U	120	16	ug/L		06/27/11 08:35	06/29/11 23:46	1
Mecoprop	18	U	120	18	ug/L		06/27/11 08:35	06/29/11 23:46	1
Pentachlorophenol	0.036	U	0.24	0.036	ug/L		06/27/11 08:35	06/29/11 23:46	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCAA	*82*		*52 - 151*	*06/27/11 08:35*	*06/29/11 23:46*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.99	U	2.0	0.99	ug/L		06/24/11 13:23	06/30/11 08:38	1
Arsenic	0.40	U	1.0	0.40	ug/L		06/24/11 13:23	06/30/11 08:38	1
Barium	**41**		1.0	0.15	ug/L		06/24/11 13:23	06/30/11 08:38	1
Beryllium	**0.41**		0.20	0.070	ug/L		06/24/11 13:23	06/30/11 08:38	1
Cadmium	0.20	U	0.50	0.20	ug/L		06/24/11 13:23	06/30/11 08:38	1
Chromium	**0.19**	**J**	1.0	0.16	ug/L		06/24/11 13:23	06/30/11 08:38	1
Cobalt	**1.2**		0.20	0.078	ug/L		06/24/11 13:23	06/30/11 08:38	1
Copper	**1.1**		1.0	0.21	ug/L		06/24/11 13:23	06/30/11 08:38	1
Lead	**0.28**	**J**	0.30	0.080	ug/L		06/24/11 13:23	06/30/11 08:38	1
Nickel	**2.2**		1.0	0.40	ug/L		06/24/11 13:23	06/30/11 08:38	1
Selenium	0.21	U Q	0.50	0.21	ug/L		06/24/11 13:23	06/30/11 08:38	1
Silver	0.10	U	0.20	0.10	ug/L		06/24/11 13:23	06/30/11 08:38	1
Thallium	**0.15**	**J**	0.20	0.10	ug/L		06/24/11 13:23	06/30/11 08:38	1
Tin	0.40	U	1.0	0.40	ug/L		06/24/11 13:23	06/30/11 08:38	1
Vanadium	1.4	U	5.0	1.4	ug/L		06/24/11 13:23	06/30/11 08:38	1

Client Sample ID: SLMW-12BR-6-11

Lab Sample ID: 680-69744-1

Date Collected: 06/23/11 09:08
Matrix: Water
Date Received: 06/24/11 09:20

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	100		10	2.6	ug/L		06/24/11 13:23	06/30/11 08:38	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		06/27/11 15:42	06/28/11 11:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.12	J	0.25	0.075	mg/L			06/24/11 13:56	5
Cyanide, Total	0.0050	U	0.010	0.0050	mg/L		06/28/11 05:41	06/29/11 09:54	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	10	U	10	10	mg/L		06/27/11 12:43	06/27/11 15:21	1

Client Sample ID: SLMW-06-06-11

Lab Sample ID: 680-69744-2

Date Collected: 06/23/11 11:45
Matrix: Water
Date Received: 06/24/11 09:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.74	U	9.7	0.74	ug/L		06/26/11 15:55	07/11/11 18:04	1
Acenaphthylene	0.83	U J	9.7	0.83	ug/L		06/26/11 15:55	07/11/11 18:04	1
Acetophenone	0.55	U J	9.7	0.55	ug/L		06/26/11 15:55	07/11/11 18:04	1
2-Acetylaminofluorene	1.6	U	9.7	1.6	ug/L		06/26/11 15:55	07/11/11 18:04	1
4-Aminobiphenyl	1.2	U J	9.7	1.2	ug/L		06/26/11 15:55	07/11/11 18:04	1
Anthracene	0.67	U	9.7	0.67	ug/L		06/26/11 15:55	07/11/11 18:04	1
Benzo[a]anthracene	0.54	U	9.7	0.54	ug/L		06/26/11 15:55	07/11/11 18:04	1
Benzo[a]pyrene	0.69	U	9.7	0.69	ug/L		06/26/11 15:55	07/11/11 18:04	1
Benzo[b]fluoranthene	2.5	U	9.7	2.5	ug/L		06/26/11 15:55	07/11/11 18:04	1
Benzo[g,h,i]perylene	0.85	U	9.7	0.85	ug/L		06/26/11 15:55	07/11/11 18:04	1
Benzo[k]fluoranthene	1.2	U	9.7	1.2	ug/L		06/26/11 15:55	07/11/11 18:04	1
Benzyl alcohol	1.1	U J	9.7	1.1	ug/L		06/26/11 15:55	07/11/11 18:04	1
1,1'-Biphenyl	0.56	U J	9.7	0.56	ug/L		06/26/11 15:55	07/11/11 18:04	1
Bis(2-chloroethoxy)methane	0.92	U J	9.7	0.92	ug/L		06/26/11 15:55	07/11/11 18:04	1
Bis(2-chloroethyl)ether	1.1	U J	9.7	1.1	ug/L		06/26/11 15:55	07/11/11 18:04	1
bis(chloroisopropyl) ether	0.76	U J	9.7	0.76	ug/L		06/26/11 15:55	07/11/11 18:04	1
Bis(2-ethylhexyl) phthalate	1.6	U	9.7	1.6	ug/L		06/26/11 15:55	07/11/11 18:04	1
4-Bromophenyl phenyl ether	0.75	U	9.7	0.75	ug/L		06/26/11 15:55	07/11/11 18:04	1
Butyl benzyl phthalate	1.2	U	9.7	1.2	ug/L		06/26/11 15:55	07/11/11 18:04	1
4-Chloroaniline	2.1	U J	19	2.1	ug/L		06/26/11 15:55	07/11/11 18:04	1
4-Chloro-3-methylphenol	0.97	U	9.7	0.97	ug/L		06/26/11 15:55	07/11/11 18:04	1
2-Chloronaphthalene	0.78	U J	9.7	0.78	ug/L		06/26/11 15:55	07/11/11 18:04	1
2-Chlorophenol	0.85	U J	9.7	0.85	ug/L		06/26/11 15:55	07/11/11 18:04	1
4-Chlorophenyl phenyl ether	0.82	U	9.7	0.82	ug/L		06/26/11 15:55	07/11/11 18:04	1
Chrysene	0.50	U	9.7	0.50	ug/L		06/26/11 15:55	07/11/11 18:04	1
Diallate	0.76	U	9.7	0.76	ug/L		06/26/11 15:55	07/11/11 18:04	1
Dibenz(a,h)anthracene	0.97	U	9.7	0.97	ug/L		06/26/11 15:55	07/11/11 18:04	1
Dibenzofuran	0.77	U	9.7	0.77	ug/L		06/26/11 15:55	07/11/11 18:04	1
3,3'-Dichlorobenzidine	29	U J	58	29	ug/L		06/26/11 15:55	07/11/11 18:04	1
2,4-Dichlorophenol	1.1	U	9.7	1.1	ug/L		06/26/11 15:55	07/11/11 18:04	1

Client Sample ID: SLMW-06-06-11

Lab Sample ID: 680-69744-2

Date Collected: 06/23/11 11:45

Matrix: Water

Date Received: 06/24/11 09:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dichlorophenol	0.71	U	9.7	0.71	ug/L		06/26/11 15:55	07/11/11 18:04	1
Diethyl phthalate	0.86	U	9.7	0.86	ug/L		06/26/11 15:55	07/11/11 18:04	1
Dimethoate	0.73	U J	9.7	0.73	ug/L		06/26/11 15:55	07/11/11 18:04	1
7,12-Dimethylbenz(a)anthracene	1.2	U	9.7	1.2	ug/L		06/26/11 15:55	07/11/11 18:04	1
3,3'-Dimethylbenzidine	9.7	U	19	9.7	ug/L		06/26/11 15:55	07/11/11 18:04	1
2,4-Dimethylphenol	3.9	U	9.7	3.9	ug/L		06/26/11 15:55	07/11/11 18:04	1
Dimethyl phthalate	0.96	U	9.7	0.96	ug/L		06/26/11 15:55	07/11/11 18:04	1
Di-n-butyl phthalate	0.81	U	9.7	0.81	ug/L		06/26/11 15:55	07/11/11 18:04	1
1,3-Dinitrobenzene	0.58	U	9.7	0.58	ug/L		06/26/11 15:55	07/11/11 18:04	1
4,6-Dinitro-2-methylphenol	9.7	U	49	9.7	ug/L		06/26/11 15:55	07/11/11 18:04	1
2,4-Dinitrophenol	9.7	U	49	9.7	ug/L		06/26/11 15:55	07/11/11 18:04	1
2,4-Dinitrotoluene	1.2	U	9.7	1.2	ug/L		06/26/11 15:55	07/11/11 18:04	1
2,6-Dinitrotoluene	1.1	U	9.7	1.1	ug/L		06/26/11 15:55	07/11/11 18:04	1
Di-n-octyl phthalate	1.4	U	9.7	1.4	ug/L		06/26/11 15:55	07/11/11 18:04	1
Dinoseb	4.9	U	9.7	4.9	ug/L		06/26/11 15:55	07/11/11 18:04	1
1,4-Dioxane	3.3	U	9.7	3.3	ug/L		06/26/11 15:55	07/11/11 18:04	1
Disulfoton	0.77	U	9.7	0.77	ug/L		06/26/11 15:55	07/11/11 18:04	1
Ethyl methanesulfonate	0.93	U	9.7	0.93	ug/L		06/26/11 15:55	07/11/11 18:04	1
Ethyl Parathion	1.3	U	9.7	1.3	ug/L		06/26/11 15:55	07/11/11 18:04	1
Famphur	1.1	U J Q	9.7	1.1	ug/L		06/26/11 15:55	07/11/11 18:04	1
Fluoranthene	0.72	U	9.7	0.72	ug/L		06/26/11 15:55	07/11/11 18:04	1
Fluorene	0.93	U	9.7	0.93	ug/L		06/26/11 15:55	07/11/11 18:04	1
Hexachlorobenzene	0.77	U	9.7	0.77	ug/L		06/26/11 15:55	07/11/11 18:04	1
Hexachlorobutadiene	0.60	U	9.7	0.60	ug/L		06/26/11 15:55	07/11/11 18:04	1
Hexachlorocyclopentadiene	2.4	U	9.7	2.4	ug/L		06/26/11 15:55	07/11/11 18:04	1
Hexachloroethane	0.74	U J	9.7	0.74	ug/L		06/26/11 15:55	07/11/11 18:04	1
Hexachloropropene	1.4	U	9.7	1.4	ug/L		06/26/11 15:55	07/11/11 18:04	1
Indeno[1,2,3-cd]pyrene	0.97	U	9.7	0.97	ug/L		06/26/11 15:55	07/11/11 18:04	1
Isophorone	0.88	U J	9.7	0.88	ug/L		06/26/11 15:55	07/11/11 18:04	1
Isosafrole	0.49	U	9.7	0.49	ug/L		06/26/11 15:55	07/11/11 18:04	1
Methapyrilene	2.6	U	1900	2.6	ug/L		06/26/11 15:55	07/11/11 18:04	1
3-Methylcholanthrene	1.4	U	9.7	1.4	ug/L		06/26/11 15:55	07/11/11 18:04	1
Methyl methanesulfonate	0.58	U	9.7	0.58	ug/L		06/26/11 15:55	07/11/11 18:04	1
2-Methylnaphthalene	0.76	U	9.7	0.76	ug/L		06/26/11 15:55	07/11/11 18:04	1
Methyl parathion	0.86	U J	9.7	0.86	ug/L		06/26/11 15:55	07/11/11 18:04	1
2-Methylphenol	0.87	U J	9.7	0.87	ug/L		06/26/11 15:55	07/11/11 18:04	1
3 & 4 Methylphenol	1.3	U	9.7	1.3	ug/L		06/26/11 15:55	07/11/11 18:04	1
Naphthalene	0.68	U	9.7	0.68	ug/L		06/26/11 15:55	07/11/11 18:04	1
1,4-Naphthoquinone	0.60	U	9.7	0.60	ug/L		06/26/11 15:55	07/11/11 18:04	1
1-Naphthylamine	1.1	U J	9.7	1.1	ug/L		06/26/11 15:55	07/11/11 18:04	1
2-Naphthylamine	1.5	U J	9.7	1.5	ug/L		06/26/11 15:55	07/11/11 18:04	1
2-Nitroaniline	1.3	U J	49	1.3	ug/L		06/26/11 15:55	07/11/11 18:04	1
3-Nitroaniline	4.9	U J	49	4.9	ug/L		06/26/11 15:55	07/11/11 18:04	1
4-Nitroaniline	4.9	U J	49	4.9	ug/L		06/26/11 15:55	07/11/11 18:04	1
Nitrobenzene	0.71	U J	9.7	0.71	ug/L		06/26/11 15:55	07/11/11 18:04	1
2-Nitrophenol	0.74	U	9.7	0.74	ug/L		06/26/11 15:55	07/11/11 18:04	1
4-Nitrophenol	1.8	U	49	1.8	ug/L		06/26/11 15:55	07/11/11 18:04	1
N-Nitro-o-toluidine	1.5	U J	9.7	1.5	ug/L		06/26/11 15:55	07/11/11 18:04	1
N-Nitrosodiethylamine	0.91	U	9.7	0.91	ug/L		06/26/11 15:55	07/11/11 18:04	1
N-Nitrosodimethylamine	2.7	U J	9.7	2.7	ug/L		06/26/11 15:55	07/11/11 18:04	1

Client Sample ID: SLMW-06-06-11

Date Collected: 06/23/11 11:45
Date Received: 06/24/11 09:20

Lab Sample ID: 680-69744-2

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-butylamine	0.93	U	9.7	0.93	ug/L		06/26/11 15:55	07/11/11 18:04	1
N-Nitrosodi-n-propylamine	0.70	U J	9.7	0.70	ug/L		06/26/11 15:55	07/11/11 18:04	1
N-Nitrosodiphenylamine	0.90	U J	9.7	0.90	ug/L		06/26/11 15:55	07/11/11 18:04	1
N-Nitrosomethylethylamine	3.2	U	9.7	3.2	ug/L		06/26/11 15:55	07/11/11 18:04	1
N-Nitrosopiperidine	0.86	U	9.7	0.86	ug/L		06/26/11 15:55	07/11/11 18:04	1
N-Nitrosopyrrolidine	0.97	U	9.7	0.97	ug/L		06/26/11 15:55	07/11/11 18:04	1
o,o',o"-Triethylphosphorothioate	0.97	U	9.7	0.97	ug/L		06/26/11 15:55	07/11/11 18:04	1
p-Dimethylamino azobenzene	0.77	U J	9.7	0.77	ug/L		06/26/11 15:55	07/11/11 18:04	1
Pentachlorobenzene	0.51	U	9.7	0.51	ug/L		06/26/11 15:55	07/11/11 18:04	1
Pentachloronitrobenzene	0.76	U	9.7	0.76	ug/L		06/26/11 15:55	07/11/11 18:04	1
Pentachlorophenol	1.9	U	49	1.9	ug/L		06/26/11 15:55	07/11/11 18:04	1
Phenacetin	1.4	U	9.7	1.4	ug/L		06/26/11 15:55	07/11/11 18:04	1
Phenanthrene	0.75	U	9.7	0.75	ug/L		06/26/11 15:55	07/11/11 18:04	1
Phenol	0.81	U	9.7	0.81	ug/L		06/26/11 15:55	07/11/11 18:04	1
Phorate	0.85	U	9.7	0.85	ug/L		06/26/11 15:55	07/11/11 18:04	1
p-Phenylene diamine	9.7	U J	1900	9.7	ug/L		06/26/11 15:55	07/11/11 18:04	1
Pronamide	0.87	U J	9.7	0.87	ug/L		06/26/11 15:55	07/11/11 18:04	1
Pyrene	0.61	U	9.7	0.61	ug/L		06/26/11 15:55	07/11/11 18:04	1
Safrole, Total	0.78	U	9.7	0.78	ug/L		06/26/11 15:55	07/11/11 18:04	1
Sulfotepp	0.52	U	9.7	0.52	ug/L		06/26/11 15:55	07/11/11 18:04	1
1,2,4,5-Tetrachlorobenzene	0.74	U	9.7	0.74	ug/L		06/26/11 15:55	07/11/11 18:04	1
2,3,4,6-Tetrachlorophenol	0.70	U	9.7	0.70	ug/L		06/26/11 15:55	07/11/11 18:04	1
Thionazin	0.89	U	9.7	0.89	ug/L		06/26/11 15:55	07/11/11 18:04	1
2-Toluidine	1.4	U	9.7	1.4	ug/L		06/26/11 15:55	07/11/11 18:04	1
2,4,5-Trichlorophenol	1.2	U	9.7	1.2	ug/L		06/26/11 15:55	07/11/11 18:04	1
2,4,6-Trichlorophenol	0.83	U	9.7	0.83	ug/L		06/26/11 15:55	07/11/11 18:04	1
1,3,5-Trinitrobenzene	1.9	U	9.7	1.9	ug/L		06/26/11 15:55	07/11/11 18:04	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*54*		*38 - 130*	*06/26/11 15:55*	*07/11/11 18:04*	*1*
2-Fluorophenol	*44*		*25 - 130*	*06/26/11 15:55*	*07/11/11 18:04*	*1*
Nitrobenzene-d5	*51*		*39 - 130*	*06/26/11 15:55*	*07/11/11 18:04*	*1*
Phenol-d5	*43*		*25 - 130*	*06/26/11 15:55*	*07/11/11 18:04*	*1*
Terphenyl-d14	*75*		*10 - 143*	*06/26/11 15:55*	*07/11/11 18:04*	*1*
2,4,6-Tribromophenol	*71*		*31 - 141*	*06/26/11 15:55*	*07/11/11 18:04*	*1*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0064	U	0.098	0.0064	ug/L		06/26/11 15:55	07/05/11 18:42	1
4,4'-DDE	0.0076	U	0.098	0.0076	ug/L		06/26/11 15:55	07/05/11 18:42	1
4,4'-DDT	0.0095	U	0.098	0.0095	ug/L		06/26/11 15:55	07/05/11 18:42	1
Aldrin	0.0069	U	0.049	0.0069	ug/L		06/26/11 15:55	07/05/11 18:42	1
alpha-BHC	0.0056	U	0.049	0.0056	ug/L		06/26/11 15:55	07/05/11 18:42	1
beta-BHC	0.0066	U	0.049	0.0066	ug/L		06/26/11 15:55	07/05/11 18:42	1
Chlordane (technical)	0.098	U	0.49	0.098	ug/L		06/26/11 15:55	07/05/11 18:42	1
Chlorobenzilate	0.49	U	0.49	0.49	ug/L		06/26/11 15:55	07/05/11 18:42	1
delta-BHC	0.0047	U	0.049	0.0047	ug/L		06/26/11 15:55	07/05/11 18:42	1
Dieldrin	0.0089	U	0.098	0.0089	ug/L		06/26/11 15:55	07/05/11 18:42	1
Endosulfan I	0.0041	U	0.049	0.0041	ug/L		06/26/11 15:55	07/05/11 18:42	1
Endosulfan II	0.0096	U	0.098	0.0096	ug/L		06/26/11 15:55	07/05/11 18:42	1

Client Sample ID: SLMW-06-06-11

Date Collected: 06/23/11 11:45
Date Received: 06/24/11 09:20

Lab Sample ID: 680-69744-2
Matrix: Water

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan sulfate	0.0067	U	0.098	0.0067	ug/L		06/26/11 15:55	07/05/11 18:42	1
Endrin	0.0095	U	0.098	0.0095	ug/L		06/26/11 15:55	07/05/11 18:42	1
Endrin aldehyde	0.016	U	0.098	0.016	ug/L		06/26/11 15:55	07/05/11 18:42	1
gamma-BHC (Lindane)	0.0058	U	0.049	0.0058	ug/L		06/26/11 15:55	07/05/11 18:42	1
Heptachlor	0.0069	U	0.049	0.0069	ug/L		06/26/11 15:55	07/05/11 18:42	1
Heptachlor epoxide	0.0059	U	0.049	0.0059	ug/L		06/26/11 15:55	07/05/11 18:42	1
Isodrin	0.049	U	0.049	0.049	ug/L		06/26/11 15:55	07/05/11 18:42	1
Methoxychlor	0.013	U	0.098	0.013	ug/L		06/26/11 15:55	07/05/11 18:42	1
PCB-1016	0.070	U	0.98	0.070	ug/L		06/26/11 15:55	07/05/11 18:42	1
PCB-1221	0.28	U	2.0	0.28	ug/L		06/26/11 15:55	07/05/11 18:42	1
PCB-1232	0.11	U	0.98	0.11	ug/L		06/26/11 15:55	07/05/11 18:42	1
PCB-1242	0.18	U	0.98	0.18	ug/L		06/26/11 15:55	07/05/11 18:42	1
PCB-1248	0.35	U	0.98	0.35	ug/L		06/26/11 15:55	07/05/11 18:42	1
PCB-1254	0.26	U	0.98	0.26	ug/L		06/26/11 15:55	07/05/11 18:42	1
PCB-1260	0.20	U	0.98	0.20	ug/L		06/26/11 15:55	07/05/11 18:42	1
PCB-1262	0.24	U	0.98	0.24	ug/L		06/26/11 15:55	07/05/11 18:42	1
Toxaphene	0.49	U	4.9	0.49	ug/L		06/26/11 15:55	07/05/11 18:42	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*46*		*40 - 130*	*06/26/11 15:55*	*07/05/11 18:42*	*1*
Tetrachloro-m-xylene	*57*		*36 - 130*	*06/26/11 15:55*	*07/05/11 18:42*	*1*

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethoate	0.98	U	2.0	0.98	ug/L		06/26/11 15:55	06/30/11 07:51	1
Disulfoton	0.98	U	2.0	0.98	ug/L		06/26/11 15:55	06/30/11 07:51	1
Ethyl Parathion	0.49	U	0.98	0.49	ug/L		06/26/11 15:55	06/30/11 07:51	1
Famphur	0.98	U	2.0	0.98	ug/L		06/26/11 15:55	06/30/11 07:51	1
Methyl parathion	0.49	U	0.49	0.49	ug/L		06/26/11 15:55	06/30/11 07:51	1
Phorate	0.49	U	0.98	0.49	ug/L		06/26/11 15:55	06/30/11 07:51	1
Sulfotepp	0.49	U	0.49	0.49	ug/L		06/26/11 15:55	06/30/11 07:51	1
Thionazin	0.49	U	0.98	0.49	ug/L		06/26/11 15:55	06/30/11 07:51	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*90*		*67 - 130*	*06/26/11 15:55*	*06/30/11 07:51*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.036	U	0.48	0.036	ug/L		06/27/11 08:35	06/30/11 00:02	1
2,4-DB	0.14	U	0.48	0.14	ug/L		06/27/11 08:35	06/30/11 00:02	1
2,4,5-T	0.060	U J	0.48	0.060	ug/L		06/27/11 08:35	06/30/11 00:02	1
Silvex (2,4,5-TP)	0.060	U	0.48	0.060	ug/L		06/27/11 08:35	06/30/11 00:02	1
Dalapon	0.096	U	9.6	0.096	ug/L		06/27/11 08:35	06/30/11 00:02	1
Dicamba	0.082	U	0.48	0.082	ug/L		06/27/11 08:35	06/30/11 00:02	1
Dichlorprop	0.14	U	0.48	0.14	ug/L		06/27/11 08:35	06/30/11 00:02	1
Dinoseb	0.15	U	5.8	0.15	ug/L		06/27/11 08:35	06/30/11 00:02	1
MCPA	16	U	120	16	ug/L		06/27/11 08:35	06/30/11 00:02	1
Mecoprop	18	U J	120	18	ug/L		06/27/11 08:35	06/30/11 00:02	1
Pentachlorophenol	0.036	U	0.24	0.036	ug/L		06/27/11 08:35	06/30/11 00:02	1

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Lab Sample ID: 680-69744-2

Date Collected: 06/23/11 11:45
Matrix: Water
Date Received: 06/24/11 09:20

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*92*		*52 - 151*	*06/27/11 08:35*	*06/30/11 00:02*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.99	U	2.0	0.99	ug/L		06/24/11 13:23	06/30/11 08:45	1
Arsenic	0.40	U	1.0	0.40	ug/L		06/24/11 13:23	06/30/11 08:45	1
Barium	**9.2**		1.0	0.15	ug/L		06/24/11 13:23	06/30/11 08:45	1
Beryllium	0.070	U	0.20	0.070	ug/L		06/24/11 13:23	06/30/11 08:45	1
Cadmium	0.20	U	0.50	0.20	ug/L		06/24/11 13:23	06/30/11 08:45	1
Chromium	0.16	U	1.0	0.16	ug/L		06/24/11 13:23	06/30/11 08:45	1
Cobalt	**0.19**	**J**	0.20	0.078	ug/L		06/24/11 13:23	06/30/11 08:45	1
Copper	**1.6**		1.0	0.21	ug/L		06/24/11 13:23	06/30/11 08:45	1
Lead	**0.15**	**J**	0.30	0.080	ug/L		06/24/11 13:23	06/30/11 08:45	1
Nickel	**0.73**	**J**	1.0	0.40	ug/L		06/24/11 13:23	06/30/11 08:45	1
Selenium	0.21	U Q J	0.50	0.21	ug/L		06/24/11 13:23	06/30/11 08:45	1
Silver	0.10	U	0.20	0.10	ug/L		06/24/11 13:23	06/30/11 08:45	1
Thallium	0.10	U	0.20	0.10	ug/L		06/24/11 13:23	06/30/11 08:45	1
Tin	0.40	U	1.0	0.40	ug/L		06/24/11 13:23	06/30/11 08:45	1
Vanadium	1.4	U	5.0	1.4	ug/L		06/24/11 13:23	06/30/11 08:45	1
Zinc	**22**	**J**	10	2.6	ug/L		06/24/11 13:23	06/30/11 08:45	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.31**		0.20	0.091	ug/L		06/27/11 15:42	06/28/11 11:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.075	U M	0.25	0.075	mg/L			06/24/11 14:10	5
Cyanide, Total	0.0050	U	0.010	0.0050	mg/L		06/28/11 05:41	06/29/11 09:55	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	10	U	10	10	mg/L		06/27/11 12:43	06/27/11 15:21	1

Client Sample ID: SLMW-DUP1-6-11

Lab Sample ID: 680-69744-3

Date Collected: 06/23/11 15:30
Matrix: Water
Date Received: 06/24/11 09:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.72	U	9.5	0.72	ug/L		06/26/11 15:55	07/11/11 18:33	1
Acenaphthylene	0.80	U	9.5	0.80	ug/L		06/26/11 15:55	07/11/11 18:33	1
Acetophenone	0.54	U	9.5	0.54	ug/L		06/26/11 15:55	07/11/11 18:33	1
2-Acetylaminofluorene	1.5	U	9.5	1.5	ug/L		06/26/11 15:55	07/11/11 18:33	1
4-Aminobiphenyl	1.1	U	9.5	1.1	ug/L		06/26/11 15:55	07/11/11 18:33	1
Anthracene	0.65	U	9.5	0.65	ug/L		06/26/11 15:55	07/11/11 18:33	1
Benzo[a]anthracene	0.52	U	9.5	0.52	ug/L		06/26/11 15:55	07/11/11 18:33	1
Benzo[a]pyrene	0.67	U	9.5	0.67	ug/L		06/26/11 15:55	07/11/11 18:33	1
Benzo[b]fluoranthene	2.5	U	9.5	2.5	ug/L		06/26/11 15:55	07/11/11 18:33	1
Benzo[g,h,i]perylene	0.82	U	9.5	0.82	ug/L		06/26/11 15:55	07/11/11 18:33	1
Benzo[k]fluoranthene	1.1	U	9.5	1.1	ug/L		06/26/11 15:55	07/11/11 18:33	1
Benzyl alcohol	1.0	U	9.5	1.0	ug/L		06/26/11 15:55	07/11/11 18:33	1

Client Sample ID: SLMW-DUP1-6-11

Lab Sample ID: 680-69744-3

Date Collected: 06/23/11 15:30

Matrix: Water

Date Received: 06/24/11 09:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.55	U	9.5	0.55	ug/L		06/26/11 15:55	07/11/11 18:33	1
Bis(2-chloroethoxy)methane	0.89	U	9.5	0.89	ug/L		06/26/11 15:55	07/11/11 18:33	1
Bis(2-chloroethyl)ether	1.0	U	9.5	1.0	ug/L		06/26/11 15:55	07/11/11 18:33	1
bis(chloroisopropyl) ether	0.74	U	9.5	0.74	ug/L		06/26/11 15:55	07/11/11 18:33	1
Bis(2-ethylhexyl) phthalate	1.5	U	9.5	1.5	ug/L		06/26/11 15:55	07/11/11 18:33	1
4-Bromophenyl phenyl ether	0.73	U	9.5	0.73	ug/L		06/26/11 15:55	07/11/11 18:33	1
Butyl benzyl phthalate	1.1	U	9.5	1.1	ug/L		06/26/11 15:55	07/11/11 18:33	1
4-Chloroaniline	2.1	U	19	2.1	ug/L		06/26/11 15:55	07/11/11 18:33	1
4-Chloro-3-methylphenol	0.95	U	9.5	0.95	ug/L		06/26/11 15:55	07/11/11 18:33	1
2-Chloronaphthalene	0.76	U	9.5	0.76	ug/L		06/26/11 15:55	07/11/11 18:33	1
2-Chlorophenol	0.82	U	9.5	0.82	ug/L		06/26/11 15:55	07/11/11 18:33	1
4-Chlorophenyl phenyl ether	0.79	U	9.5	0.79	ug/L		06/26/11 15:55	07/11/11 18:33	1
Chrysene	0.48	U	9.5	0.48	ug/L		06/26/11 15:55	07/11/11 18:33	1
Diallate	0.74	U	9.5	0.74	ug/L		06/26/11 15:55	07/11/11 18:33	1
Dibenz(a,h)anthracene	0.95	U	9.5	0.95	ug/L		06/26/11 15:55	07/11/11 18:33	1
Dibenzofuran	0.75	U	9.5	0.75	ug/L		06/26/11 15:55	07/11/11 18:33	1
3,3'-Dichlorobenzidine	28	U	57	28	ug/L		06/26/11 15:55	07/11/11 18:33	1
2,4-Dichlorophenol	1.0	U	9.5	1.0	ug/L		06/26/11 15:55	07/11/11 18:33	1
2,6-Dichlorophenol	0.69	U	9.5	0.69	ug/L		06/26/11 15:55	07/11/11 18:33	1
Diethyl phthalate	0.83	U	9.5	0.83	ug/L		06/26/11 15:55	07/11/11 18:33	1
Dimethoate	0.71	U	9.5	0.71	ug/L		06/26/11 15:55	07/11/11 18:33	1
7,12-Dimethylbenz(a)anthracene	1.1	U	9.5	1.1	ug/L		06/26/11 15:55	07/11/11 18:33	1
3,3'-Dimethylbenzidine	9.5	U	19	9.5	ug/L		06/26/11 15:55	07/11/11 18:33	1
2,4-Dimethylphenol	3.8	U	9.5	3.8	ug/L		06/26/11 15:55	07/11/11 18:33	1
Dimethyl phthalate	0.94	U	9.5	0.94	ug/L		06/26/11 15:55	07/11/11 18:33	1
Di-n-butyl phthalate	0.78	U	9.5	0.78	ug/L		06/26/11 15:55	07/11/11 18:33	1
1,3-Dinitrobenzene	0.57	U	9.5	0.57	ug/L		06/26/11 15:55	07/11/11 18:33	1
4,6-Dinitro-2-methylphenol	9.5	U	47	9.5	ug/L		06/26/11 15:55	07/11/11 18:33	1
2,4-Dinitrophenol	9.5	U	47	9.5	ug/L		06/26/11 15:55	07/11/11 18:33	1
2,4-Dinitrotoluene	1.1	U	9.5	1.1	ug/L		06/26/11 15:55	07/11/11 18:33	1
2,6-Dinitrotoluene	1.0	U	9.5	1.0	ug/L		06/26/11 15:55	07/11/11 18:33	1
Di-n-octyl phthalate	1.3	U	9.5	1.3	ug/L		06/26/11 15:55	07/11/11 18:33	1
Dinoseb	4.7	U	9.5	4.7	ug/L		06/26/11 15:55	07/11/11 18:33	1
1,4-Dioxane	3.2	U	9.5	3.2	ug/L		06/26/11 15:55	07/11/11 18:33	1
Disulfoton	0.75	U	9.5	0.75	ug/L		06/26/11 15:55	07/11/11 18:33	1
Ethyl methanesulfonate	0.91	U	9.5	0.91	ug/L		06/26/11 15:55	07/11/11 18:33	1
Ethyl Parathion	1.2	U	9.5	1.2	ug/L		06/26/11 15:55	07/11/11 18:33	1
Famphur	1.0	U Q	9.5	1.0	ug/L		06/26/11 15:55	07/11/11 18:33	1
Fluoranthene	0.70	U	9.5	0.70	ug/L		06/26/11 15:55	07/11/11 18:33	1
Fluorene	0.91	U	9.5	0.91	ug/L		06/26/11 15:55	07/11/11 18:33	1
Hexachlorobenzene	0.75	U	9.5	0.75	ug/L		06/26/11 15:55	07/11/11 18:33	1
Hexachlorobutadiene	0.59	U	9.5	0.59	ug/L		06/26/11 15:55	07/11/11 18:33	1
Hexachlorocyclopentadiene	2.4	U	9.5	2.4	ug/L		06/26/11 15:55	07/11/11 18:33	1
Hexachloroethane	0.72	U	9.5	0.72	ug/L		06/26/11 15:55	07/11/11 18:33	1
Hexachloropropene	1.3	U	9.5	1.3	ug/L		06/26/11 15:55	07/11/11 18:33	1
Indeno[1,2,3-cd]pyrene	0.95	U	9.5	0.95	ug/L		06/26/11 15:55	07/11/11 18:33	1
Isophorone	0.85	U	9.5	0.85	ug/L		06/26/11 15:55	07/11/11 18:33	1
Isosafrole	0.47	U	9.5	0.47	ug/L		06/26/11 15:55	07/11/11 18:33	1
Methapyrilene	2.6	U	1900	2.6	ug/L		06/26/11 15:55	07/11/11 18:33	1
3-Methylcholanthrene	1.3	U	9.5	1.3	ug/L		06/26/11 15:55	07/11/11 18:33	1

Client Sample ID: SLMW-DUP1-6-11

Lab Sample ID: 680-69744-3

Date Collected: 06/23/11 15:30

Matrix: Water

Date Received: 06/24/11 09:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl methanesulfonate	0.57	U	9.5	0.57	ug/L		06/26/11 15:55	07/11/11 18:33	1
2-Methylnaphthalene	0.74	U	9.5	0.74	ug/L		06/26/11 15:55	07/11/11 18:33	1
Methyl parathion	0.83	U	9.5	0.83	ug/L		06/26/11 15:55	07/11/11 18:33	1
2-Methylphenol	0.84	U	9.5	0.84	ug/L		06/26/11 15:55	07/11/11 18:33	1
3 & 4 Methylphenol	1.2	U	9.5	1.2	ug/L		06/26/11 15:55	07/11/11 18:33	1
Naphthalene	0.66	U	9.5	0.66	ug/L		06/26/11 15:55	07/11/11 18:33	1
1,4-Naphthoquinone	0.59	U	9.5	0.59	ug/L		06/26/11 15:55	07/11/11 18:33	1
1-Naphthylamine	1.0	U	9.5	1.0	ug/L		06/26/11 15:55	07/11/11 18:33	1
2-Naphthylamine	1.4	U	9.5	1.4	ug/L		06/26/11 15:55	07/11/11 18:33	1
2-Nitroaniline	1.2	U	47	1.2	ug/L		06/26/11 15:55	07/11/11 18:33	1
3-Nitroaniline	4.7	U	47	4.7	ug/L		06/26/11 15:55	07/11/11 18:33	1
4-Nitroaniline	4.7	U	47	4.7	ug/L		06/26/11 15:55	07/11/11 18:33	1
Nitrobenzene	0.69	U	9.5	0.69	ug/L		06/26/11 15:55	07/11/11 18:33	1
2-Nitrophenol	0.72	U	9.5	0.72	ug/L		06/26/11 15:55	07/11/11 18:33	1
4-Nitrophenol	1.8	U	47	1.8	ug/L		06/26/11 15:55	07/11/11 18:33	1
N-Nitro-o-toluidine	1.4	U	9.5	1.4	ug/L		06/26/11 15:55	07/11/11 18:33	1
N-Nitrosodiethylamine	0.88	U	9.5	0.88	ug/L		06/26/11 15:55	07/11/11 18:33	1
N-Nitrosodimethylamine	2.6	U	9.5	2.6	ug/L		06/26/11 15:55	07/11/11 18:33	1
N-Nitrosodi-n-butylamine	0.91	U	9.5	0.91	ug/L		06/26/11 15:55	07/11/11 18:33	1
N-Nitrosodi-n-propylamine	0.68	U	9.5	0.68	ug/L		06/26/11 15:55	07/11/11 18:33	1
N-Nitrosodiphenylamine	0.87	U	9.5	0.87	ug/L		06/26/11 15:55	07/11/11 18:33	1
N-Nitrosomethylethylamine	3.1	U	9.5	3.1	ug/L		06/26/11 15:55	07/11/11 18:33	1
N-Nitrosopiperidine	0.83	U	9.5	0.83	ug/L		06/26/11 15:55	07/11/11 18:33	1
N-Nitrosopyrrolidine	0.95	U	9.5	0.95	ug/L		06/26/11 15:55	07/11/11 18:33	1
o,o',o''-Triethylphosphorothioate	0.95	U	9.5	0.95	ug/L		06/26/11 15:55	07/11/11 18:33	1
p-Dimethylamino azobenzene	0.75	U	9.5	0.75	ug/L		06/26/11 15:55	07/11/11 18:33	1
Pentachlorobenzene	0.49	U	9.5	0.49	ug/L		06/26/11 15:55	07/11/11 18:33	1
Pentachloronitrobenzene	0.74	U	9.5	0.74	ug/L		06/26/11 15:55	07/11/11 18:33	1
Pentachlorophenol	1.9	U	47	1.9	ug/L		06/26/11 15:55	07/11/11 18:33	1
Phenacetin	1.3	U	9.5	1.3	ug/L		06/26/11 15:55	07/11/11 18:33	1
Phenanthrene	0.73	U	9.5	0.73	ug/L		06/26/11 15:55	07/11/11 18:33	1
Phenol	0.78	U	9.5	0.78	ug/L		06/26/11 15:55	07/11/11 18:33	1
Phorate	0.82	U	9.5	0.82	ug/L		06/26/11 15:55	07/11/11 18:33	1
p-Phenylene diamine	9.5	U	1900	9.5	ug/L		06/26/11 15:55	07/11/11 18:33	1
Pronamide	0.84	U	9.5	0.84	ug/L		06/26/11 15:55	07/11/11 18:33	1
Pyrene	0.60	U	9.5	0.60	ug/L		06/26/11 15:55	07/11/11 18:33	1
Safrole, Total	0.76	U	9.5	0.76	ug/L		06/26/11 15:55	07/11/11 18:33	1
Sulfotepp	0.50	U	9.5	0.50	ug/L		06/26/11 15:55	07/11/11 18:33	1
1,2,4,5-Tetrachlorobenzene	0.72	U	9.5	0.72	ug/L		06/26/11 15:55	07/11/11 18:33	1
2,3,4,6-Tetrachlorophenol	0.68	U	9.5	0.68	ug/L		06/26/11 15:55	07/11/11 18:33	1
Thionazin	0.86	U	9.5	0.86	ug/L		06/26/11 15:55	07/11/11 18:33	1
2-Toluidine	1.3	U	9.5	1.3	ug/L		06/26/11 15:55	07/11/11 18:33	1
2,4,5-Trichlorophenol	1.1	U	9.5	1.1	ug/L		06/26/11 15:55	07/11/11 18:33	1
2,4,6-Trichlorophenol	0.80	U	9.5	0.80	ug/L		06/26/11 15:55	07/11/11 18:33	1
1,3,5-Trinitrobenzene	1.9	U	9.5	1.9	ug/L		06/26/11 15:55	07/11/11 18:33	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*74*		*38 - 130*	*06/26/11 15:55*	*07/11/11 18:33*	*1*
2-Fluorophenol	*62*		*25 - 130*	*06/26/11 15:55*	*07/11/11 18:33*	*1*
Nitrobenzene-d5	*69*		*39 - 130*	*06/26/11 15:55*	*07/11/11 18:33*	*1*

Client Sample ID: SLMW-DUP1-6-11

Lab Sample ID: 680-69744-3

Date Collected: 06/23/11 15:30

Matrix: Water

Date Received: 06/24/11 09:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5	58		25 - 130	06/26/11 15:55	07/11/11 18:33	1
Terphenyl-d14	81		10 - 143	06/26/11 15:55	07/11/11 18:33	1
2,4,6-Tribromophenol	98		31 - 141	06/26/11 15:55	07/11/11 18:33	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0062	U	0.095	0.0062	ug/L		06/26/11 15:55	07/05/11 19:05	1
4,4'-DDE	0.0073	U	0.095	0.0073	ug/L		06/26/11 15:55	07/05/11 19:05	1
4,4'-DDT	0.0092	U	0.095	0.0092	ug/L		06/26/11 15:55	07/05/11 19:05	1
Aldrin	0.0067	U	0.048	0.0067	ug/L		06/26/11 15:55	07/05/11 19:05	1
alpha-BHC	0.0054	U	0.048	0.0054	ug/L		06/26/11 15:55	07/05/11 19:05	1
beta-BHC	0.0064	U	0.048	0.0064	ug/L		06/26/11 15:55	07/05/11 19:05	1
Chlordane (technical)	0.095	U	0.48	0.095	ug/L		06/26/11 15:55	07/05/11 19:05	1
Chlorobenzilate	0.48	U	0.48	0.48	ug/L		06/26/11 15:55	07/05/11 19:05	1
delta-BHC	0.0046	U	0.048	0.0046	ug/L		06/26/11 15:55	07/05/11 19:05	1
Dieldrin	0.0086	U	0.095	0.0086	ug/L		06/26/11 15:55	07/05/11 19:05	1
Endosulfan I	0.0040	U	0.048	0.0040	ug/L		06/26/11 15:55	07/05/11 19:05	1
Endosulfan II	0.0093	U	0.095	0.0093	ug/L		06/26/11 15:55	07/05/11 19:05	1
Endosulfan sulfate	0.0065	U	0.095	0.0065	ug/L		06/26/11 15:55	07/05/11 19:05	1
Endrin	0.0092	U	0.095	0.0092	ug/L		06/26/11 15:55	07/05/11 19:05	1
Endrin aldehyde	0.015	U	0.095	0.015	ug/L		06/26/11 15:55	07/05/11 19:05	1
gamma-BHC (Lindane)	0.0056	U	0.048	0.0056	ug/L		06/26/11 15:55	07/05/11 19:05	1
Heptachlor	0.0067	U	0.048	0.0067	ug/L		06/26/11 15:55	07/05/11 19:05	1
Heptachlor epoxide	0.0057	U	0.048	0.0057	ug/L		06/26/11 15:55	07/05/11 19:05	1
Isodrin	0.048	U	0.048	0.048	ug/L		06/26/11 15:55	07/05/11 19:05	1
Methoxychlor	0.012	U	0.095	0.012	ug/L		06/26/11 15:55	07/05/11 19:05	1
PCB-1016	0.067	U	0.95	0.067	ug/L		06/26/11 15:55	07/05/11 19:05	1
PCB-1221	0.27	U	1.9	0.27	ug/L		06/26/11 15:55	07/05/11 19:05	1
PCB-1232	0.10	U	0.95	0.10	ug/L		06/26/11 15:55	07/05/11 19:05	1
PCB-1242	0.17	U	0.95	0.17	ug/L		06/26/11 15:55	07/05/11 19:05	1
PCB-1248	0.34	U	0.95	0.34	ug/L		06/26/11 15:55	07/05/11 19:05	1
PCB-1254	0.25	U	0.95	0.25	ug/L		06/26/11 15:55	07/05/11 19:05	1
PCB-1260	0.19	U	0.95	0.19	ug/L		06/26/11 15:55	07/05/11 19:05	1
PCB-1262	0.23	U	0.95	0.23	ug/L		06/26/11 15:55	07/05/11 19:05	1
Toxaphene	0.48	U	4.8	0.48	ug/L		06/26/11 15:55	07/05/11 19:05	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	48	M	40 - 130	06/26/11 15:55	07/05/11 19:05	1
Tetrachloro-m-xylene	61		36 - 130	06/26/11 15:55	07/05/11 19:05	1

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethoate	0.95	U	1.9	0.95	ug/L		06/26/11 15:55	06/30/11 08:16	1
Disulfoton	0.95	U	1.9	0.95	ug/L		06/26/11 15:55	06/30/11 08:16	1
Ethyl Parathion	0.48	U	0.95	0.48	ug/L		06/26/11 15:55	06/30/11 08:16	1
Famphur	0.95	U	1.9	0.95	ug/L		06/26/11 15:55	06/30/11 08:16	1
Methyl parathion	0.48	U	0.48	0.48	ug/L		06/26/11 15:55	06/30/11 08:16	1
Phorate	0.48	U	0.95	0.48	ug/L		06/26/11 15:55	06/30/11 08:16	1
Sulfotepp	0.48	U	0.48	0.48	ug/L		06/26/11 15:55	06/30/11 08:16	1
Thionazin	0.48	U	0.95	0.48	ug/L		06/26/11 15:55	06/30/11 08:16	1

Client Sample ID: SLMW-DUP1-6-11

Lab Sample ID: 680-69744-3

Date Collected: 06/23/11 15:30

Matrix: Water

Date Received: 06/24/11 09:20

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Triphenylphosphate	*90*		*67 - 130*	*06/26/11 15:55*	*06/30/11 08:16*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.036	U	0.48	0.036	ug/L		06/27/11 08:35	06/30/11 00:18	1
2,4-DB	0.14	U	0.48	0.14	ug/L		06/27/11 08:35	06/30/11 00:18	1
2,4,5-T	0.060	U	0.48	0.060	ug/L		06/27/11 08:35	06/30/11 00:18	1
Silvex (2,4,5-TP)	0.060	U	0.48	0.060	ug/L		06/27/11 08:35	06/30/11 00:18	1
Dalapon	0.097	U	9.7	0.097	ug/L		06/27/11 08:35	06/30/11 00:18	1
Dicamba	0.082	U	0.48	0.082	ug/L		06/27/11 08:35	06/30/11 00:18	1
Dichlorprop	0.14	U	0.48	0.14	ug/L		06/27/11 08:35	06/30/11 00:18	1
Dinoseb	0.15	U	5.8	0.15	ug/L		06/27/11 08:35	06/30/11 00:18	1
MCPA	16	U	120	16	ug/L		06/27/11 08:35	06/30/11 00:18	1
Mecoprop	18	U	120	18	ug/L		06/27/11 08:35	06/30/11 00:18	1
Pentachlorophenol	0.036	U	0.24	0.036	ug/L		06/27/11 08:35	06/30/11 00:18	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCAA	*107*		*52 - 151*	*06/27/11 08:35*	*06/30/11 00:18*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.99	U	2.0	0.99	ug/L		06/24/11 13:23	06/30/11 09:22	1
Arsenic	0.40	U	1.0	0.40	ug/L		06/24/11 13:23	06/30/11 09:22	1
Barium	**9.8**		1.0	0.15	ug/L		06/24/11 13:23	06/30/11 09:22	1
Beryllium	0.070	U	0.20	0.070	ug/L		06/24/11 13:23	06/30/11 09:22	1
Cadmium	0.20	U	0.50	0.20	ug/L		06/24/11 13:23	06/30/11 09:22	1
Chromium	0.16	U	1.0	0.16	ug/L		06/24/11 13:23	06/30/11 09:22	1
Cobalt	**0.22**		0.20	0.078	ug/L		06/24/11 13:23	06/30/11 09:22	1
Copper	**0.36**	**J**	1.0	0.21	ug/L		06/24/11 13:23	06/30/11 09:22	1
Lead	0.080	U	0.30	0.080	ug/L		06/24/11 13:23	06/30/11 09:22	1
Nickel	**0.53**	**J**	1.0	0.40	ug/L		06/24/11 13:23	06/30/11 09:22	1
Selenium	0.21	U Q	0.50	0.21	ug/L		06/24/11 13:23	06/30/11 09:22	1
Silver	0.10	U	0.20	0.10	ug/L		06/24/11 13:23	06/30/11 09:22	1
Thallium	**0.12**	**J**	0.20	0.10	ug/L		06/24/11 13:23	06/30/11 09:22	1
Tin	0.40	U	1.0	0.40	ug/L		06/24/11 13:23	06/30/11 09:22	1
Vanadium	1.4	U	5.0	1.4	ug/L		06/24/11 13:23	06/30/11 09:22	1
Zinc	**12**		10	2.6	ug/L		06/24/11 13:23	06/30/11 09:22	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.24**		0.20	0.091	ug/L		06/27/11 15:42	06/28/11 11:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.075	U	0.25	0.075	mg/L			06/24/11 14:53	5
Cyanide, Total	0.0050	U	0.010	0.0050	mg/L		07/05/11 05:30	07/06/11 10:29	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	10	U	10	10	mg/L		06/27/11 12:43	06/27/11 15:21	1

Client Sample Results

Client: U.S. Army Corps of Engineers
Project/Site: Ft. Bragg Longstreet Landfill

TestAmerica Job ID: 680-69744-1

Client Sample ID: SLMW-13-6-11

Date Collected: 06/23/11 15:35
Date Received: 06/24/11 09:20

Lab Sample ID: 680-69744-4

Matrix: Water

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.99	U	2.0	0.99	ug/L		06/24/11 13:23	06/30/11 09:30	1
Arsenic	0.40	U	1.0	0.40	ug/L		06/24/11 13:23	06/30/11 09:30	1
Barium	**6.6**		1.0	0.15	ug/L		06/24/11 13:23	06/30/11 09:30	1
Beryllium	0.070	U	0.20	0.070	ug/L		06/24/11 13:23	06/30/11 09:30	1
Cadmium	0.20	U	0.50	0.20	ug/L		06/24/11 13:23	06/30/11 09:30	1
Chromium	**0.16**	**J**	1.0	0.16	ug/L		06/24/11 13:23	06/30/11 09:30	1
Cobalt	**0.18**	**J**	0.20	0.078	ug/L		06/24/11 13:23	06/30/11 09:30	1
Copper	**0.48**	**J**	1.0	0.21	ug/L		06/24/11 13:23	06/30/11 09:30	1
Lead	0.080	U	0.30	0.080	ug/L		06/24/11 13:23	06/30/11 09:30	1
Nickel	**0.57**	**J**	1.0	0.40	ug/L		06/24/11 13:23	06/30/11 09:30	1
Selenium	0.21	U Q	0.50	0.21	ug/L		06/24/11 13:23	06/30/11 09:30	1
Silver	0.10	U	0.20	0.10	ug/L		06/24/11 13:23	06/30/11 09:30	1
Thallium	0.10	U	0.20	0.10	ug/L		06/24/11 13:23	06/30/11 09:30	1
Tin	0.40	U	1.0	0.40	ug/L		06/24/11 13:23	06/30/11 09:30	1
Vanadium	1.4	U	5.0	1.4	ug/L		06/24/11 13:23	06/30/11 09:30	1
Zinc	**3.2**	**J**	10	2.6	ug/L		06/24/11 13:23	06/30/11 09:30	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		06/27/11 15:42	06/28/11 11:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.075	U	0.25	0.075	mg/L			06/24/11 15:08	5
Cyanide, Total	0.0050	U	0.010	0.0050	mg/L		07/05/11 05:30	07/06/11 10:30	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	10	U	10	10	mg/L		06/27/11 12:43	06/27/11 15:21	1

Surrogate Summary

Client: U.S. Army Corps of Engineers
Project/Site: Ft. Bragg Longstreet Landfill

TestAmerica Job ID: 680-69744-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	PHL	TPH	TBP
Lab Sample ID	Client Sample ID	(38-130)	(25-130)	(39-130)	(25-130)	(10-143)	(31-141)
680-69744-1	SLMW-12BR-6-11	73	60	66	58	74	100
680-69744-2	SLMW-06-06-11	54	44	51	43	75	71
680-69744-2 MS	SLMW-06-06-11	72	56	62	54	80	102
680-69744-2 MS	SLMW-06-06-11	64	55	57	52	85	93
680-69744-2 MSD	SLMW-06-06-11	74	55	70	52	81	104
680-69744-2 MSD	SLMW-06-06-11	59	47	52	46	79	95
680-69744-3	SLMW-DUP1-6-11	74	62	69	58	81	98
LCS 680-207090/10-A	Lab Control Sample	72	61	68	61	84	86
LCS 680-207090/15-A	Lab Control Sample	70	65	72	68	81	73
MB 680-207090/9-A	Method Blank	67	62	71	63	89	62

Surrogate Legend

FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = Terphenyl-d14
TBP = 2,4,6-Tribromophenol

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCB1	DCB2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(40-130)	(40-130)	(36-130)	(36-130)
680-69744-1	SLMW-12BR-6-11	40 M	35 J	55	56
680-69744-2	SLMW-06-06-11	46	40	57	57
680-69744-2 MS	SLMW-06-06-11	59	52	65	64
680-69744-2 MS	SLMW-06-06-11	41	35 J	59	57
680-69744-2 MSD	SLMW-06-06-11	40	37 J	62	61
680-69744-2 MSD	SLMW-06-06-11	45	40	63	61
680-69744-3	SLMW-DUP1-6-11	48 M	45	60	61
LCS 680-207094/20-A	Lab Control Sample	49	44 M	59	59
LCS 680-207094/23-A	Lab Control Sample	30 J	30 J	65	64
MB 680-207094/19-A	Method Blank	51 M	49 M	56	55

Surrogate Legend

DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		TPP2
Lab Sample ID	Client Sample ID	(67-130)
680-69744-1	SLMW-12BR-6-11	86
680-69744-2	SLMW-06-06-11	90
680-69744-2 MS	SLMW-06-06-11	94

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	TPP2 (67-130)							
680-69744-2 MS	SLMW-06-06-11	95							
680-69744-2 MSD	SLMW-06-06-11	95							
680-69744-2 MSD	SLMW-06-06-11	97							
680-69744-3	SLMW-DUP1-6-11	90							
LCS 680-207094/26-A	Lab Control Sample	93							
LCS 680-207094/29-A	Lab Control Sample	93							
MB 680-207094/19-A	Method Blank	89							

Surrogate Legend

TPP = Triphenylphosphate

Method: 8151A - Herbicides (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	DCPA1 (52-151)	DCPA2 (52-151)						
680-69744-1	SLMW-12BR-6-11	77	82						
680-69744-2	SLMW-06-06-11	92	87						
680-69744-2 MS	SLMW-06-06-11	93	98						
680-69744-2 MSD	SLMW-06-06-11	95	101						
680-69744-3	SLMW-DUP1-6-11	107	87						
LCS 680-207125/21-A	Lab Control Sample	92	98						
MB 680-207125/20-A	Method Blank	106 M	85						

Surrogate Legend

DCPA = DCAA

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-207090/9-A
Matrix: Water
Analysis Batch: 208355

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 207090

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.76	U	10	0.76	ug/L		06/26/11 15:55	07/08/11 21:17	1
Acenaphthylene	0.85	U	10	0.85	ug/L		06/26/11 15:55	07/08/11 21:17	1
Acetophenone	0.57	U	10	0.57	ug/L		06/26/11 15:55	07/08/11 21:17	1
2-Acetylaminofluorene	1.6	U	10	1.6	ug/L		06/26/11 15:55	07/08/11 21:17	1
4-Aminobiphenyl	1.2	U	10	1.2	ug/L		06/26/11 15:55	07/08/11 21:17	1
Anthracene	0.69	U	10	0.69	ug/L		06/26/11 15:55	07/08/11 21:17	1
Benzo[a]anthracene	0.55	U	10	0.55	ug/L		06/26/11 15:55	07/08/11 21:17	1
Benzo[a]pyrene	0.71	U	10	0.71	ug/L		06/26/11 15:55	07/08/11 21:17	1
Benzo[b]fluoranthene	2.6	U	10	2.6	ug/L		06/26/11 15:55	07/08/11 21:17	1
Benzo[g,h,i]perylene	0.87	U	10	0.87	ug/L		06/26/11 15:55	07/08/11 21:17	1
Benzo[k]fluoranthene	1.2	U	10	1.2	ug/L		06/26/11 15:55	07/08/11 21:17	1
Benzyl alcohol	1.1	U	10	1.1	ug/L		06/26/11 15:55	07/08/11 21:17	1
1,1'-Biphenyl	0.58	U	10	0.58	ug/L		06/26/11 15:55	07/08/11 21:17	1
Bis(2-chloroethoxy)methane	0.94	U	10	0.94	ug/L		06/26/11 15:55	07/08/11 21:17	1
Bis(2-chloroethyl)ether	1.1	U	10	1.1	ug/L		06/26/11 15:55	07/08/11 21:17	1
bis(chloroisopropyl) ether	0.78	U	10	0.78	ug/L		06/26/11 15:55	07/08/11 21:17	1
Bis(2-ethylhexyl) phthalate	1.6	U	10	1.6	ug/L		06/26/11 15:55	07/08/11 21:17	1
4-Bromophenyl phenyl ether	0.77	U	10	0.77	ug/L		06/26/11 15:55	07/08/11 21:17	1
Butyl benzyl phthalate	1.2	U	10	1.2	ug/L		06/26/11 15:55	07/08/11 21:17	1
4-Chloroaniline	2.2	U	20	2.2	ug/L		06/26/11 15:55	07/08/11 21:17	1
4-Chloro-3-methylphenol	1.0	U	10	1.0	ug/L		06/26/11 15:55	07/08/11 21:17	1
2-Chloronaphthalene	0.80	U	10	0.80	ug/L		06/26/11 15:55	07/08/11 21:17	1
2-Chlorophenol	0.87	U	10	0.87	ug/L		06/26/11 15:55	07/08/11 21:17	1
4-Chlorophenyl phenyl ether	0.84	U	10	0.84	ug/L		06/26/11 15:55	07/08/11 21:17	1
Chrysene	0.51	U	10	0.51	ug/L		06/26/11 15:55	07/08/11 21:17	1
Diallate	0.78	U	10	0.78	ug/L		06/26/11 15:55	07/08/11 21:17	1
Dibenz(a,h)anthracene	1.0	U	10	1.0	ug/L		06/26/11 15:55	07/08/11 21:17	1
Dibenzofuran	0.79	U	10	0.79	ug/L		06/26/11 15:55	07/08/11 21:17	1
3,3'-Dichlorobenzidine	30	U	60	30	ug/L		06/26/11 15:55	07/08/11 21:17	1
2,4-Dichlorophenol	1.1	U	10	1.1	ug/L		06/26/11 15:55	07/08/11 21:17	1
2,6-Dichlorophenol	0.73	U	10	0.73	ug/L		06/26/11 15:55	07/08/11 21:17	1
Diethyl phthalate	0.88	U	10	0.88	ug/L		06/26/11 15:55	07/08/11 21:17	1
Dimethoate	0.75	U	10	0.75	ug/L		06/26/11 15:55	07/08/11 21:17	1
7,12-Dimethylbenz(a)anthracene	1.2	U	10	1.2	ug/L		06/26/11 15:55	07/08/11 21:17	1
3,3'-Dimethylbenzidine	10	U	20	10	ug/L		06/26/11 15:55	07/08/11 21:17	1
2,4-Dimethylphenol	4.0	U	10	4.0	ug/L		06/26/11 15:55	07/08/11 21:17	1
Dimethyl phthalate	0.99	U	10	0.99	ug/L		06/26/11 15:55	07/08/11 21:17	1
Di-n-butyl phthalate	0.83	U	10	0.83	ug/L		06/26/11 15:55	07/08/11 21:17	1
1,3-Dinitrobenzene	0.60	U	10	0.60	ug/L		06/26/11 15:55	07/08/11 21:17	1
4,6-Dinitro-2-methylphenol	10	U	50	10	ug/L		06/26/11 15:55	07/08/11 21:17	1
2,4-Dinitrophenol	10	U	50	10	ug/L		06/26/11 15:55	07/08/11 21:17	1
2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L		06/26/11 15:55	07/08/11 21:17	1
2,6-Dinitrotoluene	1.1	U	10	1.1	ug/L		06/26/11 15:55	07/08/11 21:17	1
Di-n-octyl phthalate	1.4	U	10	1.4	ug/L		06/26/11 15:55	07/08/11 21:17	1
Dinoseb	5.0	U	10	5.0	ug/L		06/26/11 15:55	07/08/11 21:17	1
1,4-Dioxane	3.4	U	10	3.4	ug/L		06/26/11 15:55	07/08/11 21:17	1
Disulfoton	0.79	U	10	0.79	ug/L		06/26/11 15:55	07/08/11 21:17	1
Ethyl methanesulfonate	0.96	U	10	0.96	ug/L		06/26/11 15:55	07/08/11 21:17	1
Ethyl Parathion	1.3	U	10	1.3	ug/L		06/26/11 15:55	07/08/11 21:17	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-207090/9-A
Matrix: Water
Analysis Batch: 208355

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 207090

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Famphur	1.1	U	10	1.1	ug/L		06/26/11 15:55	07/08/11 21:17	1
Fluoranthene	0.74	U	10	0.74	ug/L		06/26/11 15:55	07/08/11 21:17	1
Fluorene	0.96	U	10	0.96	ug/L		06/26/11 15:55	07/08/11 21:17	1
Hexachlorobenzene	0.79	U	10	0.79	ug/L		06/26/11 15:55	07/08/11 21:17	1
Hexachlorobutadiene	0.62	U	10	0.62	ug/L		06/26/11 15:55	07/08/11 21:17	1
Hexachlorocyclopentadiene	2.5	U	10	2.5	ug/L		06/26/11 15:55	07/08/11 21:17	1
Hexachloroethane	0.76	U	10	0.76	ug/L		06/26/11 15:55	07/08/11 21:17	1
Hexachloropropene	1.4	U	10	1.4	ug/L		06/26/11 15:55	07/08/11 21:17	1
Indeno[1,2,3-cd]pyrene	1.0	U	10	1.0	ug/L		06/26/11 15:55	07/08/11 21:17	1
Isophorone	0.90	U	10	0.90	ug/L		06/26/11 15:55	07/08/11 21:17	1
Isosafrole	0.50	U	10	0.50	ug/L		06/26/11 15:55	07/08/11 21:17	1
Methapyrilene	2.7	U	2000	2.7	ug/L		06/26/11 15:55	07/08/11 21:17	1
3-Methylcholanthrene	1.4	U	10	1.4	ug/L		06/26/11 15:55	07/08/11 21:17	1
Methyl methanesulfonate	0.60	U	10	0.60	ug/L		06/26/11 15:55	07/08/11 21:17	1
2-Methylnaphthalene	0.78	U	10	0.78	ug/L		06/26/11 15:55	07/08/11 21:17	1
Methyl parathion	0.88	U	10	0.88	ug/L		06/26/11 15:55	07/08/11 21:17	1
2-Methylphenol	0.89	U	10	0.89	ug/L		06/26/11 15:55	07/08/11 21:17	1
3 & 4 Methylphenol	1.3	U	10	1.3	ug/L		06/26/11 15:55	07/08/11 21:17	1
Naphthalene	0.70	U	10	0.70	ug/L		06/26/11 15:55	07/08/11 21:17	1
1,4-Naphthoquinone	0.62	U	10	0.62	ug/L		06/26/11 15:55	07/08/11 21:17	1
1-Naphthylamine	1.1	U	10	1.1	ug/L		06/26/11 15:55	07/08/11 21:17	1
2-Naphthylamine	1.5	U	10	1.5	ug/L		06/26/11 15:55	07/08/11 21:17	1
2-Nitroaniline	1.3	U	50	1.3	ug/L		06/26/11 15:55	07/08/11 21:17	1
3-Nitroaniline	5.0	U	50	5.0	ug/L		06/26/11 15:55	07/08/11 21:17	1
4-Nitroaniline	5.0	U	50	5.0	ug/L		06/26/11 15:55	07/08/11 21:17	1
Nitrobenzene	0.73	U	10	0.73	ug/L		06/26/11 15:55	07/08/11 21:17	1
2-Nitrophenol	0.76	U	10	0.76	ug/L		06/26/11 15:55	07/08/11 21:17	1
4-Nitrophenol	1.9	U	50	1.9	ug/L		06/26/11 15:55	07/08/11 21:17	1
N-Nitro-o-toluidine	1.5	U	10	1.5	ug/L		06/26/11 15:55	07/08/11 21:17	1
N-Nitrosodiethylamine	0.93	U	10	0.93	ug/L		06/26/11 15:55	07/08/11 21:17	1
N-Nitrosodimethylamine	2.8	U	10	2.8	ug/L		06/26/11 15:55	07/08/11 21:17	1
N-Nitrosodi-n-butylamine	0.96	U	10	0.96	ug/L		06/26/11 15:55	07/08/11 21:17	1
N-Nitrosodi-n-propylamine	0.72	U	10	0.72	ug/L		06/26/11 15:55	07/08/11 21:17	1
N-Nitrosodiphenylamine	0.92	U	10	0.92	ug/L		06/26/11 15:55	07/08/11 21:17	1
N-Nitrosomethylethylamine	3.3	U	10	3.3	ug/L		06/26/11 15:55	07/08/11 21:17	1
N-Nitrosopiperidine	0.88	U	10	0.88	ug/L		06/26/11 15:55	07/08/11 21:17	1
N-Nitrosopyrrolidine	1.0	U	10	1.0	ug/L		06/26/11 15:55	07/08/11 21:17	1
o,o',o''-Triethylphosphorothioate	1.0	U	10	1.0	ug/L		06/26/11 15:55	07/08/11 21:17	1
p-Dimethylamino azobenzene	0.79	U	10	0.79	ug/L		06/26/11 15:55	07/08/11 21:17	1
Pentachlorobenzene	0.52	U	10	0.52	ug/L		06/26/11 15:55	07/08/11 21:17	1
Pentachloronitrobenzene	0.78	U	10	0.78	ug/L		06/26/11 15:55	07/08/11 21:17	1
Pentachlorophenol	2.0	U	50	2.0	ug/L		06/26/11 15:55	07/08/11 21:17	1
Phenacetin	1.4	U	10	1.4	ug/L		06/26/11 15:55	07/08/11 21:17	1
Phenanthrene	0.77	U	10	0.77	ug/L		06/26/11 15:55	07/08/11 21:17	1
Phenol	0.83	U	10	0.83	ug/L		06/26/11 15:55	07/08/11 21:17	1
Phorate	0.87	U	10	0.87	ug/L		06/26/11 15:55	07/08/11 21:17	1
p-Phenylene diamine	10	U	2000	10	ug/L		06/26/11 15:55	07/08/11 21:17	1
Pronamide	0.89	U	10	0.89	ug/L		06/26/11 15:55	07/08/11 21:17	1
Pyrene	0.63	U	10	0.63	ug/L		06/26/11 15:55	07/08/11 21:17	1
Safrole, Total	0.80	U	10	0.80	ug/L		06/26/11 15:55	07/08/11 21:17	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-207090/9-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208355 — **Prep Batch: 207090**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfotepp	0.53	U	10	0.53	ug/L		06/26/11 15:55	07/08/11 21:17	1
1,2,4,5-Tetrachlorobenzene	0.76	U	10	0.76	ug/L		06/26/11 15:55	07/08/11 21:17	1
2,3,4,6-Tetrachlorophenol	0.72	U	10	0.72	ug/L		06/26/11 15:55	07/08/11 21:17	1
Thionazin	0.91	U	10	0.91	ug/L		06/26/11 15:55	07/08/11 21:17	1
2-Toluidine	1.4	U	10	1.4	ug/L		06/26/11 15:55	07/08/11 21:17	1
2,4,5-Trichlorophenol	1.2	U	10	1.2	ug/L		06/26/11 15:55	07/08/11 21:17	1
2,4,6-Trichlorophenol	0.85	U	10	0.85	ug/L		06/26/11 15:55	07/08/11 21:17	1
1,3,5-Trinitrobenzene	2.0	U	10	2.0	ug/L		06/26/11 15:55	07/08/11 21:17	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*38 - 130*	*06/26/11 15:55*	*07/08/11 21:17*	*1*
2-Fluorophenol	*62*		*25 - 130*	*06/26/11 15:55*	*07/08/11 21:17*	*1*
Nitrobenzene-d5	*71*		*39 - 130*	*06/26/11 15:55*	*07/08/11 21:17*	*1*
Phenol-d5	*63*		*25 - 130*	*06/26/11 15:55*	*07/08/11 21:17*	*1*
Terphenyl-d14	*89*		*10 - 143*	*06/26/11 15:55*	*07/08/11 21:17*	*1*
2,4,6-Tribromophenol	*62*		*31 - 141*	*06/26/11 15:55*	*07/08/11 21:17*	*1*

Lab Sample ID: LCS 680-207090/10-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208070 — **Prep Batch: 207090**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acenaphthene	100	75.1		ug/L		75	55 - 130
Acenaphthylene	100	76.6		ug/L		77	60 - 130
Anthracene	100	83.6		ug/L		84	61 - 130
Benzo[a]anthracene	100	89.6		ug/L		90	58 - 130
Benzo[a]pyrene	100	93.2		ug/L		93	61 - 130
Benzo[b]fluoranthene	100	83.3		ug/L		83	51 - 130
Benzo[g,h,i]perylene	100	78.5		ug/L		78	54 - 130
Benzo[k]fluoranthene	100	86.6		ug/L		87	53 - 130
Benzyl alcohol	100	66.1		ug/L		66	53 - 130
1,1'-Biphenyl	100	70.2		ug/L		70	54 - 130
Bis(2-chloroethoxy)methane	100	78.5		ug/L		79	64 - 130
Bis(2-chloroethyl)ether	100	62.4		ug/L		62	56 - 130
bis(chloroisopropyl) ether	100	63.1		ug/L		63	55 - 130
Bis(2-ethylhexyl) phthalate	100	89.9		ug/L		90	62 - 130
4-Bromophenyl phenyl ether	100	95.8		ug/L		96	61 - 130
Butyl benzyl phthalate	100	96.2		ug/L		96	66 - 130
4-Chloroaniline	100	66.0		ug/L		66	42 - 130
4-Chloro-3-methylphenol	100	74.7		ug/L		75	60 - 130
2-Chloronaphthalene	100	70.5		ug/L		71	53 - 130
2-Chlorophenol	100	64.7		ug/L		65	57 - 130
4-Chlorophenyl phenyl ether	100	87.0		ug/L		87	57 - 130
Chrysene	100	88.0		ug/L		88	59 - 130
Dibenz(a,h)anthracene	100	79.0		ug/L		79	55 - 130
Dibenzofuran	100	76.2		ug/L		76	58 - 130
3,3'-Dichlorobenzidine	100	64.5		ug/L		65	27 - 130
2,4-Dichlorophenol	100	75.0		ug/L		75	54 - 130
Diethyl phthalate	100	90.2		ug/L		90	70 - 130

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-207090/10-A
Matrix: Water
Analysis Batch: 208070

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 207090

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
2,4-Dimethylphenol	100	60.8		ug/L		61	40 - 130
Dimethyl phthalate	100	88.9		ug/L		89	69 - 130
Di-n-butyl phthalate	100	91.7		ug/L		92	66 - 130
4,6-Dinitro-2-methylphenol	100	94.8		ug/L		95	45 - 134
2,4-Dinitrophenol	100	106		ug/L		106	20 - 165
2,4-Dinitrotoluene	100	84.1		ug/L		84	63 - 130
2,6-Dinitrotoluene	100	81.8		ug/L		82	65 - 130
Di-n-octyl phthalate	100	98.2		ug/L		98	64 - 130
1,4-Dioxane	100	42.2		ug/L		42	35 - 130
Fluoranthene	100	89.3		ug/L		89	56 - 130
Fluorene	100	80.1		ug/L		80	61 - 130
Hexachlorobenzene	100	83.2		ug/L		83	52 - 130
Hexachlorobutadiene	100	68.4		ug/L		68	36 - 130
Hexachlorocyclopentadiene	100	39.0		ug/L		39	10 - 130
Hexachloroethane	100	50.3		ug/L		50	39 - 130
Indeno[1,2,3-cd]pyrene	100	83.0		ug/L		83	47 - 130
Isophorone	100	69.2		ug/L		69	59 - 130
2-Methylnaphthalene	100	70.6		ug/L		71	52 - 130
2-Methylphenol	100	65.1		ug/L		65	55 - 130
3 & 4 Methylphenol	100	67.7		ug/L		68	35 - 130
Naphthalene	100	66.6		ug/L		67	50 - 130
2-Nitroaniline	100	73.4		ug/L		73	60 - 130
3-Nitroaniline	100	79.1		ug/L		79	54 - 130
4-Nitroaniline	100	82.3		ug/L		82	54 - 130
Nitrobenzene	100	64.5		ug/L		64	56 - 130
2-Nitrophenol	100	73.0		ug/L		73	54 - 130
4-Nitrophenol	100	71.4		ug/L		71	38 - 130
N-Nitrosodimethylamine	100	61.6		ug/L		62	54 - 130
N-Nitrosodi-n-propylamine	100	69.7		ug/L		70	64 - 130
N-Nitrosodiphenylamine	100	85.9		ug/L		86	68 - 130
Pentachlorophenol	100	97.6		ug/L		98	42 - 138
Phenanthrene	100	83.3		ug/L		83	62 - 130
Phenol	100	56.4		ug/L		56	29 - 130
Pyrene	100	85.9		ug/L		86	60 - 130
2,4,5-Trichlorophenol	100	83.5		ug/L		83	61 - 130
2,4,6-Trichlorophenol	100	79.6		ug/L		80	57 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*72*		*38 - 130*
2-Fluorophenol	*61*		*25 - 130*
Nitrobenzene-d5	*68*		*39 - 130*
Phenol-d5	*61*		*25 - 130*
Terphenyl-d14	*84*		*10 - 143*
2,4,6-Tribromophenol	*86*		*31 - 141*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-207090/15-A
Matrix: Water
Analysis Batch: 208355

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 207090

Surrogate	LCS % Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	70		38 - 130
2-Fluorophenol	65		25 - 130
Nitrobenzene-d5	72		39 - 130
Phenol-d5	68		25 - 130
Terphenyl-d14	81		10 - 143
2,4,6-Tribromophenol	73		31 - 141

Lab Sample ID: 680-69744-2 MS
Matrix: Water
Analysis Batch: 208608

Client Sample ID: SLMW-06-06-11
Prep Type: Total/NA
Prep Batch: 207090

Surrogate	MS % Recovery	MS Qualifier	Limits
2-Fluorobiphenyl	72		38 - 130
2-Fluorophenol	56		25 - 130
Nitrobenzene-d5	62		39 - 130
Phenol-d5	54		25 - 130
Terphenyl-d14	80		10 - 143
2,4,6-Tribromophenol	102		31 - 141

Lab Sample ID: 680-69744-2 MS
Matrix: Water
Analysis Batch: 208608

Client Sample ID: SLMW-06-06-11
Prep Type: Total/NA
Prep Batch: 207090

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Acenaphthene	0.74	U	99.8	68.0		ug/L		68	55 - 130
Acenaphthylene	0.83	U J	99.8	61.9		ug/L		62	60 - 130
Anthracene	0.67	U	99.8	73.4		ug/L		74	61 - 130
Benzo[a]anthracene	0.54	U	99.8	84.8		ug/L		85	58 - 130
Benzo[a]pyrene	0.69	U	99.8	75.9		ug/L		76	61 - 130
Benzo[b]fluoranthene	2.5	U	99.8	68.5		ug/L		69	51 - 130
Benzo[g,h,i]perylene	0.85	U	99.8	65.0		ug/L		65	54 - 130
Benzo[k]fluoranthene	1.2	U	99.8	82.1		ug/L		82	53 - 130
Benzyl alcohol	1.1	U J	99.8	54.2		ug/L		54	53 - 130
1,1'-Biphenyl	0.56	U J	99.8	56.4		ug/L		57	54 - 130
Bis(2-chloroethoxy)methane	0.92	U J	99.8	63.2	J	ug/L		63	64 - 130
Bis(2-chloroethyl)ether	1.1	U J	99.8	50.5	J	ug/L		51	56 - 130
bis(chloroisopropyl) ether	0.76	U J	99.8	48.3	J	ug/L		48	55 - 130
Bis(2-ethylhexyl) phthalate	1.6	U	99.8	80.5		ug/L		81	62 - 130
4-Bromophenyl phenyl ether	0.75	U	99.8	83.9		ug/L		84	61 - 130
Butyl benzyl phthalate	1.2	U	99.8	83.3		ug/L		84	66 - 130
4-Chloroaniline	2.1	U J	99.8	34.3	J	ug/L		34	42 - 130
4-Chloro-3-methylphenol	0.97	U	99.8	65.6		ug/L		66	60 - 130
2-Chloronaphthalene	0.78	U J	99.8	55.3		ug/L		55	53 - 130
2-Chlorophenol	0.85	U J	99.8	54.7	J	ug/L		55	57 - 130
4-Chlorophenyl phenyl ether	0.82	U	99.8	74.3		ug/L		74	57 - 130
Chrysene	0.50	U	99.8	80.4		ug/L		81	59 - 130
Dibenz(a,h)anthracene	0.97	U	99.8	64.2		ug/L		64	55 - 130
Dibenzofuran	0.77	U	99.8	63.7		ug/L		64	58 - 130
3,3'-Dichlorobenzidine	29	U J	99.8	30	U J	ug/L		0	27 - 130

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 680-69744-2 MS
Matrix: Water
Analysis Batch: 208608

Client Sample ID: SLMW-06-06-11
Prep Type: Total/NA
Prep Batch: 207090

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
2,4-Dichlorophenol	1.1	U	99.8	67.3		ug/L		67	54 - 130
Diethyl phthalate	0.86	U	99.8	75.8		ug/L		76	70 - 130
2,4-Dimethylphenol	3.9	U	99.8	54.9		ug/L		55	40 - 130
Dimethyl phthalate	0.96	U	99.8	74.3		ug/L		75	69 - 130
Di-n-butyl phthalate	0.81	U	99.8	83.1		ug/L		83	66 - 130
4,6-Dinitro-2-methylphenol	9.7	U	99.8	87.5		ug/L		88	45 - 134
2,4-Dinitrophenol	9.7	U	99.8	94.2		ug/L		94	20 - 165
2,4-Dinitrotoluene	1.2	U	99.8	74.4		ug/L		75	63 - 130
2,6-Dinitrotoluene	1.1	U	99.8	71.5		ug/L		72	65 - 130
Di-n-octyl phthalate	1.4	U	99.8	83.4		ug/L		84	64 - 130
1,4-Dioxane	3.3	U	99.8	38.0		ug/L		38	35 - 130
Fluoranthene	0.72	U	99.8	85.5		ug/L		86	56 - 130
Fluorene	0.93	U	99.8	67.7		ug/L		68	61 - 130
Hexachlorobenzene	0.77	U	99.8	79.7		ug/L		80	52 - 130
Hexachlorobutadiene	0.60	U	99.8	57.9		ug/L		58	36 - 130
Hexachlorocyclopentadiene	2.4	U	99.8	26.4		ug/L		26	10 - 130
Hexachloroethane	0.74	U J	99.8	39.8		ug/L		40	39 - 130
Indeno[1,2,3-cd]pyrene	0.97	U	99.8	68.3		ug/L		68	47 - 130
Isophorone	0.88	U J	99.8	52.0	J	ug/L		52	59 - 130
2-Methylnaphthalene	0.76	U	99.8	55.6		ug/L		56	52 - 130
2-Methylphenol	0.87	U J	99.8	54.6		ug/L		55	55 - 130
3 & 4 Methylphenol	1.3	U	99.8	55.4		ug/L		56	35 - 130
Naphthalene	0.68	U	99.8	54.7		ug/L		55	50 - 130
2-Nitroaniline	1.3	U J	99.8	56.2	J	ug/L		56	60 - 130
3-Nitroaniline	4.9	U J	99.8	52.1	J	ug/L		52	54 - 130
4-Nitroaniline	4.9	U J	99.8	65.3		ug/L		65	54 - 130
Nitrobenzene	0.71	U J	99.8	51.8	J	ug/L		52	56 - 130
2-Nitrophenol	0.74	U	99.8	62.1		ug/L		62	54 - 130
4-Nitrophenol	1.8	U	99.8	66.4		ug/L		67	38 - 130
N-Nitrosodimethylamine	2.7	U J	99.8	48.5	J	ug/L		49	54 - 130
N-Nitrosodi-n-propylamine	0.70	U J	99.8	54.1	J	ug/L		54	64 - 130
N-Nitrosodiphenylamine	0.90	U J	99.8	70.5		ug/L		71	68 - 130
Pentachlorophenol	1.9	U	99.8	93.8		ug/L		94	42 - 138
Phenanthrene	0.75	U	99.8	74.6		ug/L		75	62 - 130
Phenol	0.81	U	99.8	44.3		ug/L		44	29 - 130
Pyrene	0.61	U	99.8	77.9		ug/L		78	60 - 130
2,4,5-Trichlorophenol	1.2	U	99.8	63.5		ug/L		64	61 - 130
2,4,6-Trichlorophenol	0.83	U	99.8	63.9		ug/L		64	57 - 130

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*64*		*38 - 130*
2-Fluorophenol	*55*		*25 - 130*
Nitrobenzene-d5	*57*		*39 - 130*
Phenol-d5	*52*		*25 - 130*
Terphenyl-d14	*85*		*10 - 143*
2,4,6-Tribromophenol	*93*		*31 - 141*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 680-69744-2 MSD
Matrix: Water
Analysis Batch: 208608

Client Sample ID: SLMW-06-06-11
Prep Type: Total/NA
Prep Batch: 207090

Surrogate	MSD % Recovery	MSD Qualifier	Limits
2-Fluorobiphenyl	74		38 - 130
2-Fluorophenol	55		25 - 130
Nitrobenzene-d5	70		39 - 130
Phenol-d5	52		25 - 130
Terphenyl-d14	81		10 - 143
2,4,6-Tribromophenol	104		31 - 141

Lab Sample ID: 680-69744-2 MSD
Matrix: Water
Analysis Batch: 208608

Client Sample ID: SLMW-06-06-11
Prep Type: Total/NA
Prep Batch: 207090

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Acenaphthene	0.74	U	102	58.3		ug/L		57	55 - 130	15	50
Acenaphthylene	0.83	U J	102	54.2	J	ug/L		53	60 - 130	13	50
Anthracene	0.67	U	102	68.2		ug/L		67	61 - 130	7	50
Benzo[a]anthracene	0.54	U	102	78.7		ug/L		77	58 - 130	7	50
Benzo[a]pyrene	0.69	U	102	74.5		ug/L		73	61 - 130	2	50
Benzo[b]fluoranthene	2.5	U	102	69.4		ug/L		68	51 - 130	1	50
Benzo[g,h,i]perylene	0.85	U	102	67.8		ug/L		67	54 - 130	4	50
Benzo[k]fluoranthene	1.2	U	102	79.0		ug/L		78	53 - 130	4	50
Benzyl alcohol	1.1	U J	102	52.3	J	ug/L		51	53 - 130	4	50
1,1'-Biphenyl	0.56	U J	102	53.9	J	ug/L		53	54 - 130	4	50
Bis(2-chloroethoxy)methane	0.92	U J	102	44.8	J	ug/L		44	64 - 130	34	50
Bis(2-chloroethyl)ether	1.1	U J	102	49.8	J	ug/L		49	56 - 130	1	50
bis(chloroisopropyl) ether	0.76	U J	102	43.9	J	ug/L		43	55 - 130	10	50
Bis(2-ethylhexyl) phthalate	1.6	U	102	74.8		ug/L		74	62 - 130	7	50
4-Bromophenyl phenyl ether	0.75	U	102	77.6		ug/L		76	61 - 130	8	50
Butyl benzyl phthalate	1.2	U	102	78.6		ug/L		77	66 - 130	6	50
4-Chloroaniline	2.1	U J	102	15.7	J	ug/L		15	42 - 130	74	50
4-Chloro-3-methylphenol	0.97	U	102	64.9		ug/L		64	60 - 130	1	50
2-Chloronaphthalene	0.78	U J	102	52.4	J	ug/L		51	53 - 130	5	50
2-Chlorophenol	0.85	U J	102	51.2	J	ug/L		50	57 - 130	6	50
4-Chlorophenyl phenyl ether	0.82	U	102	71.9		ug/L		71	57 - 130	3	50
Chrysene	0.50	U	102	75.3		ug/L		74	59 - 130	7	50
Dibenz(a,h)anthracene	0.97	U	102	68.4		ug/L		67	55 - 130	6	50
Dibenzofuran	0.77	U	102	62.3		ug/L		61	58 - 130	2	50
3,3'-Dichlorobenzidine	29	U J	102	31	U J	ug/L		0	27 - 130	NC	50
2,4-Dichlorophenol	1.1	U	102	62.9		ug/L		62	54 - 130	7	50
Diethyl phthalate	0.86	U	102	73.3		ug/L		72	70 - 130	3	50
2,4-Dimethylphenol	3.9	U	102	54.6		ug/L		54	40 - 130	1	50
Dimethyl phthalate	0.96	U	102	73.7		ug/L		72	69 - 130	1	50
Di-n-butyl phthalate	0.81	U	102	77.2		ug/L		76	66 - 130	7	50
4,6-Dinitro-2-methylphenol	9.7	U	102	85.6		ug/L		84	45 - 134	2	50
2,4-Dinitrophenol	9.7	U	102	94.2		ug/L		93	20 - 165	0	50
2,4-Dinitrotoluene	1.2	U	102	73.5		ug/L		72	63 - 130	1	50
2,6-Dinitrotoluene	1.1	U	102	70.0		ug/L		69	65 - 130	2	50
Di-n-octyl phthalate	1.4	U	102	78.6		ug/L		77	64 - 130	6	50
1,4-Dioxane	3.3	U	102	35.9		ug/L		35	35 - 130	6	50
Fluoranthene	0.72	U	102	79.5		ug/L		78	56 - 130	7	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 680-69744-2 MSD — **Client Sample ID: SLMW-06-06-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208608 — **Prep Batch: 207090**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Fluorene	0.93	U	102	66.9		ug/L		66	61 - 130	1	50
Hexachlorobenzene	0.77	U	102	75.1		ug/L		74	52 - 130	6	50
Hexachlorobutadiene	0.60	U	102	53.5		ug/L		53	36 - 130	8	50
Hexachlorocyclopentadiene	2.4	U	102	25.4		ug/L		25	10 - 130	4	50
Hexachloroethane	0.74	U J	102	35.3	J	ug/L		35	39 - 130	12	50
Indeno[1,2,3-cd]pyrene	0.97	U	102	70.3		ug/L		69	47 - 130	3	50
Isophorone	0.88	U J	102	49.7	J	ug/L		49	59 - 130	4	50
2-Methylnaphthalene	0.76	U	102	53.3		ug/L		52	52 - 130	4	50
2-Methylphenol	0.87	U J	102	50.1	J	ug/L		49	55 - 130	9	50
3 & 4 Methylphenol	1.3	U	102	52.3		ug/L		51	35 - 130	6	50
Naphthalene	0.68	U	102	50.7		ug/L		50	50 - 130	7	50
2-Nitroaniline	1.3	U J	102	53.2	J	ug/L		52	60 - 130	6	50
3-Nitroaniline	4.9	U J	102	12.4	J	ug/L		12	54 - 130	123	50
4-Nitroaniline	4.9	U J	102	37.9	J	ug/L		37	54 - 130	53	50
Nitrobenzene	0.71	U J	102	50.0	J	ug/L		49	56 - 130	3	50
2-Nitrophenol	0.74	U	102	59.8		ug/L		59	54 - 130	4	50
4-Nitrophenol	1.8	U	102	67.2		ug/L		66	38 - 130	1	50
N-Nitrosodimethylamine	2.7	U J	102	44.0	J	ug/L		43	54 - 130	10	50
N-Nitrosodi-n-propylamine	0.70	U J	102	50.4	J	ug/L		50	64 - 130	7	50
N-Nitrosodiphenylamine	0.90	U J	102	51.7	J	ug/L		51	68 - 130	31	50
Pentachlorophenol	1.9	U	102	99.5		ug/L		98	42 - 138	6	50
Phenanthrene	0.75	U	102	71.1		ug/L		70	62 - 130	5	50
Phenol	0.81	U	102	41.2		ug/L		41	29 - 130	7	50
Pyrene	0.61	U	102	74.6		ug/L		73	60 - 130	4	50
2,4,5-Trichlorophenol	1.2	U	102	67.5		ug/L		66	61 - 130	6	50
2,4,6-Trichlorophenol	0.83	U	102	66.0		ug/L		65	57 - 130	3	50

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*59*		*38 - 130*
2-Fluorophenol	*47*		*25 - 130*
Nitrobenzene-d5	*52*		*39 - 130*
Phenol-d5	*46*		*25 - 130*
Terphenyl-d14	*79*		*10 - 143*
2,4,6-Tribromophenol	*95*		*31 - 141*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Lab Sample ID: MB 680-207094/19-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208091 — **Prep Batch: 207094**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0065	U	0.10	0.0065	ug/L		06/26/11 15:55	07/05/11 16:46	1
4,4'-DDE	0.0077	U	0.10	0.0077	ug/L		06/26/11 15:55	07/05/11 16:46	1
4,4'-DDT	0.0097	U	0.10	0.0097	ug/L		06/26/11 15:55	07/05/11 16:46	1
Aldrin	0.0070	U	0.050	0.0070	ug/L		06/26/11 15:55	07/05/11 16:46	1
alpha-BHC	0.0057	U	0.050	0.0057	ug/L		06/26/11 15:55	07/05/11 16:46	1
beta-BHC	0.0067	U	0.050	0.0067	ug/L		06/26/11 15:55	07/05/11 16:46	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: MB 680-207094/19-A
Matrix: Water
Analysis Batch: 208091

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 207094

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.10	U	0.50	0.10	ug/L		06/26/11 15:55	07/05/11 16:46	1
Chlorobenzilate	0.50	U	0.50	0.50	ug/L		06/26/11 15:55	07/05/11 16:46	1
delta-BHC	0.0048	U	0.050	0.0048	ug/L		06/26/11 15:55	07/05/11 16:46	1
Dieldrin	0.0091	U	0.10	0.0091	ug/L		06/26/11 15:55	07/05/11 16:46	1
Endosulfan I	0.0042	U	0.050	0.0042	ug/L		06/26/11 15:55	07/05/11 16:46	1
Endosulfan II	0.0098	U	0.10	0.0098	ug/L		06/26/11 15:55	07/05/11 16:46	1
Endosulfan sulfate	0.0068	U	0.10	0.0068	ug/L		06/26/11 15:55	07/05/11 16:46	1
Endrin	0.0097	U	0.10	0.0097	ug/L		06/26/11 15:55	07/05/11 16:46	1
Endrin aldehyde	0.016	U	0.10	0.016	ug/L		06/26/11 15:55	07/05/11 16:46	1
gamma-BHC (Lindane)	0.0059	U	0.050	0.0059	ug/L		06/26/11 15:55	07/05/11 16:46	1
Heptachlor	0.0070	U	0.050	0.0070	ug/L		06/26/11 15:55	07/05/11 16:46	1
Heptachlor epoxide	0.0060	U	0.050	0.0060	ug/L		06/26/11 15:55	07/05/11 16:46	1
Isodrin	0.050	U	0.050	0.050	ug/L		06/26/11 15:55	07/05/11 16:46	1
Methoxychlor	0.013	U	0.10	0.013	ug/L		06/26/11 15:55	07/05/11 16:46	1
PCB-1016	0.071	U	1.0	0.071	ug/L		06/26/11 15:55	07/05/11 16:46	1
PCB-1221	0.28	U	2.0	0.28	ug/L		06/26/11 15:55	07/05/11 16:46	1
PCB-1232	0.11	U	1.0	0.11	ug/L		06/26/11 15:55	07/05/11 16:46	1
PCB-1242	0.18	U	1.0	0.18	ug/L		06/26/11 15:55	07/05/11 16:46	1
PCB-1248	0.36	U	1.0	0.36	ug/L		06/26/11 15:55	07/05/11 16:46	1
PCB-1254	0.26	U	1.0	0.26	ug/L		06/26/11 15:55	07/05/11 16:46	1
PCB-1260	0.20	U	1.0	0.20	ug/L		06/26/11 15:55	07/05/11 16:46	1
PCB-1262	0.24	U	1.0	0.24	ug/L		06/26/11 15:55	07/05/11 16:46	1
Toxaphene	0.50	U	5.0	0.50	ug/L		06/26/11 15:55	07/05/11 16:46	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*51*	*M*	*40 - 130*	*06/26/11 15:55*	*07/05/11 16:46*	*1*
Tetrachloro-m-xylene	*56*		*36 - 130*	*06/26/11 15:55*	*07/05/11 16:46*	*1*

Lab Sample ID: LCS 680-207094/20-A
Matrix: Water
Analysis Batch: 208091

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 207094

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
4,4'-DDD	0.200	0.143		ug/L		71	49 - 144
4,4'-DDE	0.200	0.145		ug/L		72	46 - 144
4,4'-DDT	0.200	0.147		ug/L		74	48 - 166
Aldrin	0.100	0.0648		ug/L		65	14 - 168
alpha-BHC	0.100	0.0660		ug/L		66	43 - 138
beta-BHC	0.100	0.0734		ug/L		73	38 - 158
delta-BHC	0.100	0.0774		ug/L		77	23 - 191
Dieldrin	0.200	0.146		ug/L		73	61 - 136
Endosulfan I	0.100	0.0720		ug/L		72	52 - 141
Endosulfan II	0.200	0.153		ug/L		77	60 - 140
Endosulfan sulfate	0.200	0.160		ug/L		80	60 - 151
Endrin	0.200	0.148		ug/L		74	66 - 150
Endrin aldehyde	0.200	0.164		ug/L		82	16 - 200
gamma-BHC (Lindane)	0.100	0.0672		ug/L		67	54 - 134
Heptachlor	0.100	0.0729		ug/L		73	10 - 200

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: LCS 680-207094/20-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208091 — **Prep Batch: 207094**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Heptachlor epoxide	0.100	0.0702		ug/L		70	49 - 142
Methoxychlor	0.200	0.175		ug/L		88	13 - 186

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*49*		*40 - 130*
Tetrachloro-m-xylene	*59*		*36 - 130*

Lab Sample ID: LCS 680-207094/23-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208091 — **Prep Batch: 207094**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1016	10.0	9.31		ug/L		93	38 - 172
PCB-1260	10.0	6.39		ug/L		64	46 - 138

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*30*	*J*	*40 - 130*
Tetrachloro-m-xylene	*65*		*36 - 130*

Lab Sample ID: 680-69744-2 MS — **Client Sample ID: SLMW-06-06-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208091 — **Prep Batch: 207094**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
4,4'-DDD	0.0064		0.200	0.145	M	ug/L		72	49 - 144
4,4'-DDE	0.0076		0.200	0.149		ug/L		75	46 - 144
4,4'-DDT	0.0095		0.200	0.148		ug/L		74	48 - 166
Aldrin	0.0069		0.0998	0.0677		ug/L		68	14 - 168
alpha-BHC	0.0056		0.0998	0.0746		ug/L		75	43 - 138
beta-BHC	0.0066		0.0998	0.0785		ug/L		79	38 - 158
delta-BHC	0.0047		0.0998	0.0921		ug/L		92	23 - 191
Dieldrin	0.0089		0.200	0.152		ug/L		76	61 - 136
Endosulfan I	0.0041		0.0998	0.0750		ug/L		75	52 - 141
Endosulfan II	0.0096		0.200	0.153		ug/L		77	60 - 140
Endosulfan sulfate	0.0067		0.200	0.152		ug/L		76	60 - 151
Endrin	0.0095		0.200	0.154		ug/L		77	66 - 150
Endrin aldehyde	0.016		0.200	0.155		ug/L		78	16 - 200
gamma-BHC (Lindane)	0.0058		0.0998	0.0743		ug/L		74	54 - 134
Heptachlor	0.0069		0.0998	0.0776		ug/L		78	10 - 200
Heptachlor epoxide	0.0059		0.0998	0.0720		ug/L		72	49 - 142
Methoxychlor	0.013		0.200	0.174		ug/L		87	13 - 186

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*59*		*40 - 130*
Tetrachloro-m-xylene	*65*		*36 - 130*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: 680-69744-2 MS
Matrix: Water
Analysis Batch: 208091

Client Sample ID: SLMW-06-06-11
Prep Type: Total/NA
Prep Batch: 207094

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1016	0.070		9.84	7.86		ug/L		80	38 - 172
PCB-1260	0.20		9.84	6.46		ug/L		66	46 - 138

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*41*		*40 - 130*
Tetrachloro-m-xylene	*59*		*36 - 130*

Lab Sample ID: 680-69744-2 MSD
Matrix: Water
Analysis Batch: 208091

Client Sample ID: SLMW-06-06-11
Prep Type: Total/NA
Prep Batch: 207094

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
4,4'-DDD	0.0064		0.218	0.141	M	ug/L		65	49 - 144	2	50
4,4'-DDE	0.0076		0.218	0.146		ug/L		67	46 - 144	2	50
4,4'-DDT	0.0095		0.218	0.146		ug/L		67	48 - 166	1	50
Aldrin	0.0069		0.109	0.0681		ug/L		63	14 - 168	1	50
alpha-BHC	0.0056		0.109	0.0766		ug/L		70	43 - 138	3	50
beta-BHC	0.0066		0.109	0.0799		ug/L		73	38 - 158	2	50
delta-BHC	0.0047		0.109	0.0818		ug/L		75	23 - 191	12	50
Dieldrin	0.0089		0.218	0.152		ug/L		70	61 - 136	0	50
Endosulfan I	0.0041		0.109	0.0765		ug/L		70	52 - 141	2	50
Endosulfan II	0.0096		0.218	0.152		ug/L		70	60 - 140	0	50
Endosulfan sulfate	0.0067		0.218	0.151		ug/L		69	60 - 151	0	50
Endrin	0.0095		0.218	0.151		ug/L		69	66 - 150	2	50
Endrin aldehyde	0.016		0.218	0.159		ug/L		73	16 - 200	3	50
gamma-BHC (Lindane)	0.0058		0.109	0.0778		ug/L		72	54 - 134	5	50
Heptachlor	0.0069		0.109	0.0727		ug/L		67	10 - 200	7	50
Heptachlor epoxide	0.0059		0.109	0.0756		ug/L		69	49 - 142	5	50
Methoxychlor	0.013		0.218	0.174		ug/L		80	13 - 186	0	50

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*45*		*40 - 130*
Tetrachloro-m-xylene	*63*		*36 - 130*

Lab Sample ID: 680-69744-2 MSD
Matrix: Water
Analysis Batch: 208091

Client Sample ID: SLMW-06-06-11
Prep Type: Total/NA
Prep Batch: 207094

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
PCB-1016	0.070		10.0	7.81	J	ug/L		78	38 - 172	200	50
PCB-1016	0.070		10.0	7.83		ug/L		78	38 - 172	0	50
PCB-1260	0.20		10.0	4.74	J	ug/L		47	46 - 138	200	50
PCB-1260	0.20		10.0	5.36		ug/L		54	46 - 138	19	50

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*40*		*40 - 130*
Tetrachloro-m-xylene	*62*		*36 - 130*

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Lab Sample ID: MB 680-207094/19-A
Matrix: Water
Analysis Batch: 207849

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 207094

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethoate	1.0	U	2.0	1.0	ug/L		06/26/11 15:55	06/30/11 05:47	1
Disulfoton	1.0	U	2.0	1.0	ug/L		06/26/11 15:55	06/30/11 05:47	1
Ethyl Parathion	0.50	U	1.0	0.50	ug/L		06/26/11 15:55	06/30/11 05:47	1
Famphur	1.0	U	2.0	1.0	ug/L		06/26/11 15:55	06/30/11 05:47	1
Methyl parathion	0.50	U	0.50	0.50	ug/L		06/26/11 15:55	06/30/11 05:47	1
Phorate	0.50	U	1.0	0.50	ug/L		06/26/11 15:55	06/30/11 05:47	1
Sulfotepp	0.50	U	0.50	0.50	ug/L		06/26/11 15:55	06/30/11 05:47	1
Thionazin	0.50	U	1.0	0.50	ug/L		06/26/11 15:55	06/30/11 05:47	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*89*		*67 - 130*	*06/26/11 15:55*	*06/30/11 05:47*	*1*

Lab Sample ID: LCS 680-207094/26-A
Matrix: Water
Analysis Batch: 207904

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 207094

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl parathion	8.00	7.44		ug/L		93	58 - 131

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Triphenylphosphate	*93*		*67 - 130*

Lab Sample ID: LCS 680-207094/29-A
Matrix: Water
Analysis Batch: 207849

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 207094

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Ethyl Parathion	8.00	7.39	M	ug/L		92	70 - 130
Thionazin	8.00	6.53		ug/L		82	69 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Triphenylphosphate	*93*		*67 - 130*

Lab Sample ID: 680-69744-2 MS
Matrix: Water
Analysis Batch: 207849

Client Sample ID: SLMW-06-06-11
Prep Type: Total/NA
Prep Batch: 207094

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl parathion	0.49	U	7.93	7.18		ug/L		90	58 - 131

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
Triphenylphosphate	*94*		*67 - 130*

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique (Continued)

Lab Sample ID: 680-69744-2 MS — **Client Sample ID: SLMW-06-06-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207849 — **Prep Batch: 207094**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Ethyl Parathion	0.49	U	7.73	6.76	M	ug/L		87	70 - 130
Thionazin	0.49	U	7.73	5.94		ug/L		77	69 - 130

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
Triphenylphosphate	*95*		*67 - 130*

Lab Sample ID: 680-69744-2 MSD — **Client Sample ID: SLMW-06-06-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207849 — **Prep Batch: 207094**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Methyl parathion	0.49	U	8.12	8.21		ug/L		101	58 - 131	13	50

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
Triphenylphosphate	*95*		*67 - 130*

Lab Sample ID: 680-69744-2 MSD — **Client Sample ID: SLMW-06-06-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207849 — **Prep Batch: 207094**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Ethyl Parathion	0.49	U	7.79	7.16		ug/L		92	70 - 130	6	50
Thionazin	0.49	U	7.79	5.82		ug/L		75	69 - 130	2	50

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
Triphenylphosphate	*97*		*67 - 130*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 680-207125/20-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207719 — **Prep Batch: 207125**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.037	U	0.50	0.037	ug/L		06/27/11 08:35	06/29/11 19:14	1
2,4-DB	0.15	U	0.50	0.15	ug/L		06/27/11 08:35	06/29/11 19:14	1
2,4,5-T	0.062	U	0.50	0.062	ug/L		06/27/11 08:35	06/29/11 19:14	1
Silvex (2,4,5-TP)	0.062	U	0.50	0.062	ug/L		06/27/11 08:35	06/29/11 19:14	1
Dalapon	0.10	U	10	0.10	ug/L		06/27/11 08:35	06/29/11 19:14	1
Dicamba	0.085	U	0.50	0.085	ug/L		06/27/11 08:35	06/29/11 19:14	1
Dichlorprop	0.15	U	0.50	0.15	ug/L		06/27/11 08:35	06/29/11 19:14	1
Dinoseb	0.16	U	6.0	0.16	ug/L		06/27/11 08:35	06/29/11 19:14	1
MCPA	17	U	120	17	ug/L		06/27/11 08:35	06/29/11 19:14	1
Mecoprop	19	U	120	19	ug/L		06/27/11 08:35	06/29/11 19:14	1
Pentachlorophenol	0.037	U	0.25	0.037	ug/L		06/27/11 08:35	06/29/11 19:14	1

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: MB 680-207125/20-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207719 — **Prep Batch: 207125**

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCAA	106	M	52 - 151	06/27/11 08:35	06/29/11 19:14	1

Lab Sample ID: LCS 680-207125/21-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207719 — **Prep Batch: 207125**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
2,4-D	2.00	1.80		ug/L		90	63 - 130
2,4-DB	2.00	1.61	J	ug/L		80	34 - 157
2,4,5-T	2.00	1.64	J	ug/L		82	59 - 130
Silvex (2,4,5-TP)	2.00	1.72		ug/L		86	64 - 130
Dalapon	10.0	7.80	J	ug/L		78	24 - 130
Dicamba	2.00	1.81		ug/L		90	66 - 130
Dichlorprop	2.00	1.95		ug/L		98	65 - 152
Dinoseb	2.00	1.65	J	ug/L		83	10 - 130
MCPA	200	155		ug/L		77	40 - 130
Mecoprop	200	159		ug/L		79	53 - 130
Pentachlorophenol	1.34	1.21		ug/L		90	70 - 130

Surrogate	LCS % Recovery	LCS Qualifier	Limits
DCAA	98		52 - 151

Lab Sample ID: 680-69744-2 MS — **Client Sample ID: SLMW-06-06-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207719 — **Prep Batch: 207125**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
2,4-D	0.036		1.92	1.78		ug/L		93	63 - 130
2,4-DB	0.14		1.92	1.50	J	ug/L		78	34 - 157
2,4,5-T	0.060		1.92	1.63	J	ug/L		85	59 - 130
Silvex (2,4,5-TP)	0.060		1.92	1.67		ug/L		87	64 - 130
Dalapon	0.096		9.61	5.73	J	ug/L		60	24 - 130
Dicamba	0.082		1.92	1.72		ug/L		90	66 - 130
Dichlorprop	0.14		1.92	1.88		ug/L		98	65 - 152
Dinoseb	0.15		1.92	1.79	J	ug/L		93	10 - 130
MCPA	16		192	145		ug/L		76	40 - 130
Mecoprop	18		192	159		ug/L		83	53 - 130
Pentachlorophenol	0.036		1.29	1.15		ug/L		89	70 - 130

Surrogate	MS % Recovery	MS Qualifier	Limits
DCAA	98		52 - 151

Lab Sample ID: 680-69744-2 MSD — **Client Sample ID: SLMW-06-06-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207719 — **Prep Batch: 207125**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
2,4-D	0.036		1.94	1.86		ug/L		96	63 - 130	4	50
2,4-DB	0.14		1.94	1.54	J	ug/L		79	34 - 157	3	50

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: 680-69744-2 MSD — **Client Sample ID: SLMW-06-06-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207719 — **Prep Batch: 207125**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
2,4,5-T	0.060		1.94	1.86		ug/L		96	59 - 130	13	50
Silvex (2,4,5-TP)	0.060		1.94	1.72		ug/L		88	64 - 130	2	50
Dalapon	0.096		9.71	6.72	J	ug/L		69	24 - 130	16	50
Dicamba	0.082		1.94	1.77		ug/L		91	66 - 130	2	50
Dichlorprop	0.14		1.94	1.96		ug/L		101	65 - 152	4	50
Dinoseb	0.15		1.94	1.43	J	ug/L		74	10 - 130	22	50
MCPA	16		194	158		ug/L		82	40 - 130	9	50
Mecoprop	18		194	69.4	J	ug/L		36	53 - 130	79	50
Pentachlorophenol	0.036		1.30	1.15		ug/L		88	70 - 130	0	50

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
DCAA	*101*		*52 - 151*

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 680-206987/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207672 — **Prep Batch: 206987**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.99	U	2.0	0.99	ug/L		06/24/11 13:23	06/30/11 08:23	1
Arsenic	0.40	U	1.0	0.40	ug/L		06/24/11 13:23	06/30/11 08:23	1
Barium	0.15	U	1.0	0.15	ug/L		06/24/11 13:23	06/30/11 08:23	1
Beryllium	0.070	U	0.20	0.070	ug/L		06/24/11 13:23	06/30/11 08:23	1
Cadmium	0.20	U	0.50	0.20	ug/L		06/24/11 13:23	06/30/11 08:23	1
Chromium	0.16	U	1.0	0.16	ug/L		06/24/11 13:23	06/30/11 08:23	1
Cobalt	0.078	U	0.20	0.078	ug/L		06/24/11 13:23	06/30/11 08:23	1
Copper	0.21	U	1.0	0.21	ug/L		06/24/11 13:23	06/30/11 08:23	1
Lead	0.080	U	0.30	0.080	ug/L		06/24/11 13:23	06/30/11 08:23	1
Nickel	0.40	U	1.0	0.40	ug/L		06/24/11 13:23	06/30/11 08:23	1
Selenium	0.21	U	0.50	0.21	ug/L		06/24/11 13:23	06/30/11 08:23	1
Silver	0.10	U	0.20	0.10	ug/L		06/24/11 13:23	06/30/11 08:23	1
Thallium	0.10	U	0.20	0.10	ug/L		06/24/11 13:23	06/30/11 08:23	1
Tin	0.40	U	1.0	0.40	ug/L		06/24/11 13:23	06/30/11 08:23	1
Vanadium	1.4	U	5.0	1.4	ug/L		06/24/11 13:23	06/30/11 08:23	1
Zinc	2.6	U	10	2.6	ug/L		06/24/11 13:23	06/30/11 08:23	1

Lab Sample ID: LCS 680-206987/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207672 — **Prep Batch: 206987**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	10.0	11.1		ug/L		111	75 - 125
Arsenic	20.0	22.0		ug/L		110	75 - 125
Barium	20.0	19.6		ug/L		98	75 - 125
Beryllium	10.0	10.7		ug/L		107	75 - 125
Cadmium	10.0	10.4		ug/L		104	75 - 125
Chromium	20.0	19.8		ug/L		99	75 - 125
Cobalt	10.0	9.33		ug/L		93	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-206987/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207672 — **Prep Batch: 206987**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Copper	20.0	20.8		ug/L		104	75 - 125
Lead	10.0	9.78		ug/L		98	75 - 125
Nickel	20.0	20.7		ug/L		104	75 - 125
Selenium	20.0	27.4	Q	ug/L		137	75 - 125
Silver	10.0	10.2		ug/L		102	75 - 125
Thallium	8.00	7.27		ug/L		91	75 - 125
Tin	20.0	19.8		ug/L		99	75 - 125
Vanadium	20.0	19.8		ug/L		99	75 - 125
Zinc	20.0	23.6		ug/L		118	75 - 125

Lab Sample ID: 680-69744-2 MS — **Client Sample ID: SLMW-06-06-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207672 — **Prep Batch: 206987**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	0.99	U	10.0	11.3		ug/L		113	75 - 125
Arsenic	0.40	U	20.0	21.9		ug/L		110	75 - 125
Barium	9.2		20.0	29.3		ug/L		100	75 - 125
Beryllium	0.070	U	10.0	11.0		ug/L		110	75 - 125
Cadmium	0.20	U	10.0	10.6		ug/L		106	75 - 125
Chromium	0.16	U	20.0	20.1		ug/L		101	75 - 125
Cobalt	0.19	J	10.0	9.43		ug/L		92	75 - 125
Copper	1.6		20.0	21.0		ug/L		97	75 - 125
Lead	0.15	J	10.0	9.95		ug/L		98	75 - 125
Nickel	0.73	J	20.0	20.9		ug/L		101	75 - 125
Selenium	0.21	U Q J	20.0	24.9		ug/L		124	75 - 125
Silver	0.10	U	10.0	10.4		ug/L		104	75 - 125
Thallium	0.10	U	8.00	7.70		ug/L		96	75 - 125
Tin	0.40	U	20.0	20.0		ug/L		100	75 - 125
Vanadium	1.4	U	20.0	19.9		ug/L		99	75 - 125
Zinc	22	J	20.0	27.3	J	ug/L		26	75 - 125

Lab Sample ID: 680-69744-2 MSD — **Client Sample ID: SLMW-06-06-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207672 — **Prep Batch: 206987**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Antimony	0.99	U	10.0	11.9		ug/L		119	75 - 125	5	20
Arsenic	0.40	U	20.0	21.9		ug/L		109	75 - 125	0	20
Barium	9.2		20.0	30.8		ug/L		108	75 - 125	5	20
Beryllium	0.070	U	10.0	11.6		ug/L		116	75 - 125	5	20
Cadmium	0.20	U	10.0	11.1		ug/L		111	75 - 125	5	20
Chromium	0.16	U	20.0	20.1		ug/L		100	75 - 125	0	20
Cobalt	0.19	J	10.0	9.91		ug/L		97	75 - 125	5	20
Copper	1.6		20.0	21.1		ug/L		98	75 - 125	1	20
Lead	0.15	J	10.0	10.5		ug/L		104	75 - 125	6	20
Nickel	0.73	J	20.0	21.0		ug/L		101	75 - 125	0	20
Selenium	0.21	U Q J	20.0	25.4	J	ug/L		127	75 - 125	2	20
Silver	0.10	U	10.0	11.0		ug/L		110	75 - 125	6	20
Thallium	0.10	U	8.00	8.20		ug/L		102	75 - 125	6	20

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-69744-2 MSD — **Client Sample ID: SLMW-06-06-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207672 — **Prep Batch: 206987**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Tin	0.40	U	20.0	21.3		ug/L		107	75 - 125	6	20
Vanadium	1.4	U	20.0	19.8		ug/L		99	75 - 125	0	20
Zinc	22	J	20.0	26.8	J	ug/L		23	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-207216/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207454 — **Prep Batch: 207216**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		06/27/11 15:42	06/28/11 11:28	1

Lab Sample ID: LCS 680-207216/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207454 — **Prep Batch: 207216**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	2.50	2.55		ug/L		102	80 - 120

Lab Sample ID: 680-69744-2 MS — **Client Sample ID: SLMW-06-06-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207454 — **Prep Batch: 207216**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.31		1.00	1.39		ug/L		108	80 - 120

Lab Sample ID: 680-69744-2 MSD — **Client Sample ID: SLMW-06-06-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207454 — **Prep Batch: 207216**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	0.31		1.00	1.34		ug/L		103	80 - 120	4	20

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 680-207548/2 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207548

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.075	U	0.25	0.075	mg/L			06/24/11 08:25	5

Lab Sample ID: LCS 680-207548/3 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207548

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Nitrate as N	4.99	4.88		mg/L		98	90 - 110

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 680-207548/4 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207548

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Nitrate as N			4.99	4.90		mg/L		98	90 - 110	0	30

Lab Sample ID: 680-69744-2 MS — **Client Sample ID: SLMW-06-06-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207548

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits		
Nitrate as N	0.075	U M	4.99	5.01		mg/L		100	90 - 110		

Lab Sample ID: 680-69744-2 MSD — **Client Sample ID: SLMW-06-06-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207548

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Nitrate as N	0.075	U M	4.99	5.04		mg/L		101	90 - 110	1	30

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 680-207259/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207443 — **Prep Batch: 207259**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.0050	U	0.010	0.0050	mg/L		06/28/11 05:41	06/29/11 09:50	1

Lab Sample ID: LCS 680-207259/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207443 — **Prep Batch: 207259**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
Cyanide, Total			0.0301	0.0330		mg/L		110	85 - 115		

Lab Sample ID: 680-69744-2 MS — **Client Sample ID: SLMW-06-06-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207443 — **Prep Batch: 207259**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits		
Cyanide, Total	0.0050	U	0.0301	0.0336		mg/L		112	85 - 115		

Lab Sample ID: 680-69744-2 MSD — **Client Sample ID: SLMW-06-06-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207443 — **Prep Batch: 207259**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Cyanide, Total	0.0050	U	0.0301	0.0328		mg/L		109	85 - 115	2	20

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: MB 680-207930/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208037 — **Prep Batch: 207930**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.0050	U	0.010	0.0050	mg/L		07/05/11 05:30	07/06/11 10:27	1

Lab Sample ID: LCS 680-207930/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208037 — **Prep Batch: 207930**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	0.0301	0.0317		mg/L		105	85 - 115

Method: 9034 - Sulfide, Acid Soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 680-207164/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207211 — **Prep Batch: 207164**

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	10	U	10	10	mg/L		06/27/11 12:43	06/27/11 15:21	1

Lab Sample ID: LCS 680-207164/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207211 — **Prep Batch: 207164**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Sulfide	456	280		mg/L		61	50 - 150

Lab Sample ID: 680-69744-2 MS — **Client Sample ID: SLMW-06-06-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207211 — **Prep Batch: 207164**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Sulfide	10	U	472	296		mg/L		63	50 - 150

Lab Sample ID: 680-69744-2 MSD — **Client Sample ID: SLMW-06-06-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207211 — **Prep Batch: 207164**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Sulfide	10	U	472	293		mg/L		62	50 - 150	1	50

Lab Chronicle

Client: U.S. Army Corps of Engineers
Project/Site: Ft. Bragg Longstreet Landfill

TestAmerica Job ID: 680-69744-1

Client Sample ID: SLMW-12BR-6-11

Lab Sample ID: 680-69744-1

Date Collected: 06/23/11 09:08
Matrix: Water
Date Received: 06/24/11 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			207090	06/26/11 15:55	RBS	TAL SAV
Total/NA	Analysis	8270D		1	208608	07/11/11 17:34	LH	TAL SAV
Total/NA	Prep	8151A			207125	06/27/11 08:35	CTR	TAL SAV
Total/NA	Analysis	8151A		1	207719	06/29/11 23:46	CAS	TAL SAV
Total/NA	Prep	3520C			207094	06/26/11 15:55	RBS	TAL SAV
Total/NA	Analysis	8141B		1	207849	06/30/11 07:26	WTE	TAL SAV
Total/NA	Analysis	8081B/8082A		1	208091	07/05/11 18:19	CAS	TAL SAV
Total/NA	Prep	7470A			207216	06/27/11 15:42	JPH	TAL SAV
Total/NA	Analysis	7470A		1	207454	06/28/11 11:38	JPH	TAL SAV
Total/NA	Prep	3030C			206987	06/24/11 13:23	JPH	TAL SAV
Total/NA	Analysis	6020A		1	207672	06/30/11 08:38	BB	TAL SAV
Total/NA	Prep	9030B			207164	06/27/11 12:43	MSJ	TAL SAV
Total/NA	Analysis	9034		1	207211	06/27/11 15:21	MSJ	TAL SAV
Total/NA	Prep	9012B			207259	06/28/11 05:41	DAM	TAL SAV
Total/NA	Analysis	9012B		1	207443	06/29/11 09:54	DAM	TAL SAV
Total/NA	Analysis	300.0		5	207548	06/24/11 13:56	CB	TAL SAV

Client Sample ID: SLMW-06-06-11

Lab Sample ID: 680-69744-2

Date Collected: 06/23/11 11:45
Matrix: Water
Date Received: 06/24/11 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			207090	06/26/11 15:55	RBS	TAL SAV
Total/NA	Analysis	8270D		1	208608	07/11/11 18:04	LH	TAL SAV
Total/NA	Prep	8151A			207125	06/27/11 08:35	CTR	TAL SAV
Total/NA	Analysis	8151A		1	207719	06/30/11 00:02	CAS	TAL SAV
Total/NA	Prep	3520C			207094	06/26/11 15:55	RBS	TAL SAV
Total/NA	Analysis	8141B		1	207849	06/30/11 07:51	WTE	TAL SAV
Total/NA	Analysis	8081B/8082A		1	208091	07/05/11 18:42	CAS	TAL SAV
Total/NA	Prep	7470A			207216	06/27/11 15:42	JPH	TAL SAV
Total/NA	Analysis	7470A		1	207454	06/28/11 11:41	JPH	TAL SAV
Total/NA	Prep	3030C			206987	06/24/11 13:23	JPH	TAL SAV
Total/NA	Analysis	6020A		1	207672	06/30/11 08:45	BB	TAL SAV
Total/NA	Prep	9030B			207164	06/27/11 12:43	MSJ	TAL SAV
Total/NA	Analysis	9034		1	207211	06/27/11 15:21	MSJ	TAL SAV
Total/NA	Prep	9012B			207259	06/28/11 05:41	DAM	TAL SAV
Total/NA	Analysis	9012B		1	207443	06/29/11 09:55	DAM	TAL SAV
Total/NA	Analysis	300.0		5	207548	06/24/11 14:10	CB	TAL SAV

Lab Chronicle

Client: U.S. Army Corps of Engineers
Project/Site: Ft. Bragg Longstreet Landfill

TestAmerica Job ID: 680-69744-1

Client Sample ID: SLMW-DUP1-6-11

Lab Sample ID: 680-69744-3

Date Collected: 06/23/11 15:30
Matrix: Water
Date Received: 06/24/11 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			207090	06/26/11 15:55	RBS	TAL SAV
Total/NA	Analysis	8270D		1	208608	07/11/11 18:33	LH	TAL SAV
Total/NA	Prep	8151A			207125	06/27/11 08:35	CTR	TAL SAV
Total/NA	Analysis	8151A		1	207719	06/30/11 00:18	CAS	TAL SAV
Total/NA	Prep	3520C			207094	06/26/11 15:55	RBS	TAL SAV
Total/NA	Analysis	8141B		1	207849	06/30/11 08:16	WTE	TAL SAV
Total/NA	Analysis	8081B/8082A		1	208091	07/05/11 19:05	CAS	TAL SAV
Total/NA	Prep	7470A			207216	06/27/11 15:42	JPH	TAL SAV
Total/NA	Analysis	7470A		1	207454	06/28/11 11:51	JPH	TAL SAV
Total/NA	Prep	3030C			206987	06/24/11 13:23	JPH	TAL SAV
Total/NA	Analysis	6020A		1	207672	06/30/11 09:22	BB	TAL SAV
Total/NA	Prep	9030B			207164	06/27/11 12:43	MSJ	TAL SAV
Total/NA	Analysis	9034		1	207211	06/27/11 15:21	MSJ	TAL SAV
Total/NA	Analysis	300.0		5	207548	06/24/11 14:53	CB	TAL SAV
Total/NA	Prep	9012B			207930	07/05/11 05:30	DAM	TAL SAV
Total/NA	Analysis	9012B		1	208037	07/06/11 10:29	DAM	TAL SAV

Client Sample ID: SLMW-13-6-11

Lab Sample ID: 680-69744-4

Date Collected: 06/23/11 15:35
Matrix: Water
Date Received: 06/24/11 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			207216	06/27/11 15:42	JPH	TAL SAV
Total/NA	Analysis	7470A		1	207454	06/28/11 11:54	JPH	TAL SAV
Total/NA	Prep	3030C			206987	06/24/11 13:23	JPH	TAL SAV
Total/NA	Analysis	6020A		1	207672	06/30/11 09:30	BB	TAL SAV
Total/NA	Prep	9030B			207164	06/27/11 12:43	MSJ	TAL SAV
Total/NA	Analysis	9034		1	207211	06/27/11 15:21	MSJ	TAL SAV
Total/NA	Analysis	300.0		5	207548	06/24/11 15:08	CB	TAL SAV
Total/NA	Prep	9012B			207930	07/05/11 05:30	DAM	TAL SAV
Total/NA	Analysis	9012B		1	208037	07/06/11 10:30	DAM	TAL SAV

Laboratory References:
TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Serial Number 04127

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
Ft Bragg Longstreet LF		NC

TAL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Kathy Smith		

CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Kevin Haborak	912-652-6083	912-652-5911

CLIENT NAME	CLIENT E-MAIL
USACE	Kevin.Haborak@USACE.army.mil

CLIENT ADDRESS: 100 W Oglethorpe Ave, Savannah Ga 31402

COMPANY CONTRACTING THIS WORK (if applicable):

PAGE 1 OF 1

STANDARD REPORT DELIVERY ◯

DATE DUE _____

EXPEDITED REPORT DELIVERY (SURCHARGE) ◯

DATE DUE _____

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

REQUIRED ANALYSIS / NUMBER OF CONTAINERS SUBMITTED

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	8081B/8082A 8270B 8141B, 300, 8151A	9034	9012B	6020 App II							REMARKS
								ICE	ZnAcT + NaOH	NaOH	HNO3							
6-23-11	0908	SLMW-12BR-6-11	G	X				9	2	1	1							
6-23-11	1145	SLMW-06-6-11 (MS/MSD)	G	X				18	4	2	2							MS/MSD taken
6-23-11	1530	SLMW-DUP1-6-11	G	X				9	2	1	1							
6-23-11	1535	SLMW-13-6-11	G	X				1	2	1	1							

PRESERVATIVE

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	6-23-11	1600						
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Shipped FedEx								

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]	6/24/11	0920	YES ◯ NO ◯		680-69744	0.2/0.8/1.0/2.6/1.6

TAI 8240-680 (1008)

Certification Summary

Client: U.S. Army Corps of Engineers
Project/Site: Ft. Bragg Longstreet Landfill

TestAmerica Job ID: 680-69744-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Savannah	A2LA	DoD ELAP		0399-01
TestAmerica Savannah	A2LA	ISO/IEC 17025		399.01
TestAmerica Savannah	Alabama	State Program	4	41450
TestAmerica Savannah	Arkansas	Arkansas DOH	6	N/A
TestAmerica Savannah	Arkansas	State Program	6	88-0692
TestAmerica Savannah	California	NELAC	9	3217CA
TestAmerica Savannah	Colorado	State Program	8	N/A
TestAmerica Savannah	Connecticut	State Program	1	PH-0161
TestAmerica Savannah	Delaware	State Program	3	N/A
TestAmerica Savannah	Florida	NELAC	4	E87052
TestAmerica Savannah	Georgia	Georgia EPD	4	N/A
TestAmerica Savannah	Georgia	State Program	4	803
TestAmerica Savannah	Guam	State Program	9	09-005r
TestAmerica Savannah	Hawaii	State Program	9	N/A
TestAmerica Savannah	Illinois	NELAC	5	200022
TestAmerica Savannah	Indiana	State Program	5	N/A
TestAmerica Savannah	Iowa	State Program	7	353
TestAmerica Savannah	Kansas	NELAC	7	E-10322
TestAmerica Savannah	Kentucky	Kentucky UST	4	18
TestAmerica Savannah	Kentucky	State Program	4	90084
TestAmerica Savannah	Louisiana	NELAC	6	30690
TestAmerica Savannah	Louisiana	NELAC	6	LA100015
TestAmerica Savannah	Maine	State Program	1	GA00006
TestAmerica Savannah	Maryland	State Program	3	250
TestAmerica Savannah	Massachusetts	State Program	1	M-GA006
TestAmerica Savannah	Michigan	State Program	5	9925
TestAmerica Savannah	Mississippi	State Program	4	N/A
TestAmerica Savannah	Montana	State Program	8	CERT0081
TestAmerica Savannah	Nebraska	State Program	7	TestAmerica-Savannah
TestAmerica Savannah	Nevada	State Program	9	GA6
TestAmerica Savannah	New Jersey	NELAC	2	GA769
TestAmerica Savannah	New Mexico	State Program	6	N/A
TestAmerica Savannah	New York	NELAC	2	10842
TestAmerica Savannah	North Carolina	North Carolina DENR	4	269
TestAmerica Savannah	North Carolina	North Carolina PHL	4	13701
TestAmerica Savannah	Oklahoma	State Program	6	9984
TestAmerica Savannah	Pennsylvania	NELAC	3	68-00474
TestAmerica Savannah	Puerto Rico	State Program	2	GA00006
TestAmerica Savannah	Rhode Island	State Program	1	LAO00244
TestAmerica Savannah	South Carolina	State Program	4	98001
TestAmerica Savannah	Tennessee	State Program	4	TN02961
TestAmerica Savannah	Texas	NELAC	6	T104704185-08-TX
TestAmerica Savannah	USDA	USDA		SAV 3-04
TestAmerica Savannah	Vermont	State Program	1	87052
TestAmerica Savannah	Virginia	State Program	3	302
TestAmerica Savannah	Washington	State Program	10	C1794
TestAmerica Savannah	West Virginia	West Virginia DEP	3	94
TestAmerica Savannah	West Virginia	West Virginia DHHR (DW)	3	9950C
TestAmerica Savannah	Wisconsin	State Program	5	999819810
TestAmerica Savannah	Wyoming	State Program	8	8TMS-Q

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

TestAmerica Job ID: 680-69677-1
Client Project/Site: Ft. Bragg Longstreet Landfill

For:
U.S. Army Corps of Engineers
PO BOX 889
Savannah, Georgia 31402-0889

Attn: Mr. Kevin Haborak

Kathryn Smith

Authorized for release by:
07/20/2011 01:36:43 PM

Kathryn Smith
Project Manager I
kathye.smith@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

Results relate only to the items tested and the sample(s) as received by the laboratory. The test results in this report meet all 2003 NELAC requirements for accredited parameters, exceptions are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Job ID: 680-69677-1

Laboratory: TestAmerica Savannah

Narrative

Job Narrative
680-69677-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS Semi VOA
No analytical or quality issues were noted.

GC Semi VOA
Method(s) 8081B/8082A: Two surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: (LCS 680-207094/23-A), SLMW-12AR-6-11 (680-69677-1). These results have been reported and qualified.

Method(s) 8081B/8082A: Surrogate recovery for the following sample(s) was outside control limits: SLMW-12AR-6-11 (680-69677-1). Re-extraction and/or re-analysis was performed with concurring results. The original analysis has been reported.

No other analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

Sample Summary

Client: U.S. Army Corps of Engineers
Project/Site: Ft. Bragg Longstreet Landfill

TestAmerica Job ID: 680-69677-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-69677-1	SLMW-12AR-6-11	Water	06/22/11 13:15	06/23/11 09:28

Method Summary

Client: U.S. Army Corps of Engineers
Project/Site: Ft. Bragg Longstreet Landfill

TestAmerica Job ID: 680-69677-1

Method	Method Description	Protocol	Laboratory
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL SAV
8081B/8082A	Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography	SW846	TAL SAV
8141B	Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique	SW846	TAL SAV
8151A	Herbicides (GC)	SW846	TAL SAV
6020A	Metals (ICP/MS)	SW846	TAL SAV
7470A	Mercury (CVAA)	SW846	TAL SAV
300.0	Anions, Ion Chromatography	MCAWW	TAL SAV
9012B	Cyanide, Total andor Amenable	SW846	TAL SAV
9034	Sulfide, Acid Soluble and Insoluble (Titrimetric)	SW846	TAL SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Estimated: The analyte was positively identified; the quantitation is an estimation
J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
M	Manual integrated compound.
Q	One or more quality control criteria failed.
U	Undetected at the Limit of Detection.

GC Semi VOA

Qualifier	Qualifier Description
J	Estimated: The analyte was positively identified; the quantitation is an estimation
J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
M	Manual integrated compound.
U	Undetected at the Limit of Detection.

Metals

Qualifier	Qualifier Description
J	Estimated: The analyte was positively identified; the quantitation is an estimation
J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
Q	One or more quality control criteria failed.
U	Undetected at the Limit of Detection.

General Chemistry

Qualifier	Qualifier Description
J	Estimated: The analyte was positively identified; the quantitation is an estimation
U	Undetected at the Limit of Detection.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

Client Sample ID: SLMW-12AR-6-11

Lab Sample ID: 680-69677-1

Date Collected: 06/22/11 13:15

Matrix: Water

Date Received: 06/23/11 09:28

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.72	U	9.5	0.72	ug/L		06/26/11 15:55	07/11/11 17:04	1
Acenaphthylene	0.80	U	9.5	0.80	ug/L		06/26/11 15:55	07/11/11 17:04	1
Acetophenone	0.54	U	9.5	0.54	ug/L		06/26/11 15:55	07/11/11 17:04	1
2-Acetylaminofluorene	1.5	U	9.5	1.5	ug/L		06/26/11 15:55	07/11/11 17:04	1
4-Aminobiphenyl	1.1	U	9.5	1.1	ug/L		06/26/11 15:55	07/11/11 17:04	1
Anthracene	0.65	U	9.5	0.65	ug/L		06/26/11 15:55	07/11/11 17:04	1
Benzo[a]anthracene	0.52	U	9.5	0.52	ug/L		06/26/11 15:55	07/11/11 17:04	1
Benzo[a]pyrene	0.67	U	9.5	0.67	ug/L		06/26/11 15:55	07/11/11 17:04	1
Benzo[b]fluoranthene	2.5	U	9.5	2.5	ug/L		06/26/11 15:55	07/11/11 17:04	1
Benzo[g,h,i]perylene	0.82	U	9.5	0.82	ug/L		06/26/11 15:55	07/11/11 17:04	1
Benzo[k]fluoranthene	1.1	U	9.5	1.1	ug/L		06/26/11 15:55	07/11/11 17:04	1
Benzyl alcohol	1.0	U	9.5	1.0	ug/L		06/26/11 15:55	07/11/11 17:04	1
1,1'-Biphenyl	0.55	U	9.5	0.55	ug/L		06/26/11 15:55	07/11/11 17:04	1
Bis(2-chloroethoxy)methane	0.89	U	9.5	0.89	ug/L		06/26/11 15:55	07/11/11 17:04	1
Bis(2-chloroethyl)ether	1.0	U	9.5	1.0	ug/L		06/26/11 15:55	07/11/11 17:04	1
bis(chloroisopropyl) ether	0.74	U	9.5	0.74	ug/L		06/26/11 15:55	07/11/11 17:04	1
Bis(2-ethylhexyl) phthalate	1.5	U	9.5	1.5	ug/L		06/26/11 15:55	07/11/11 17:04	1
4-Bromophenyl phenyl ether	0.73	U	9.5	0.73	ug/L		06/26/11 15:55	07/11/11 17:04	1
Butyl benzyl phthalate	1.1	U	9.5	1.1	ug/L		06/26/11 15:55	07/11/11 17:04	1
4-Chloroaniline	2.1	U	19	2.1	ug/L		06/26/11 15:55	07/11/11 17:04	1
4-Chloro-3-methylphenol	0.95	U	9.5	0.95	ug/L		06/26/11 15:55	07/11/11 17:04	1
2-Chloronaphthalene	0.76	U	9.5	0.76	ug/L		06/26/11 15:55	07/11/11 17:04	1
2-Chlorophenol	0.82	U	9.5	0.82	ug/L		06/26/11 15:55	07/11/11 17:04	1
4-Chlorophenyl phenyl ether	0.79	U	9.5	0.79	ug/L		06/26/11 15:55	07/11/11 17:04	1
Chrysene	0.48	U	9.5	0.48	ug/L		06/26/11 15:55	07/11/11 17:04	1
Diallate	0.74	U	9.5	0.74	ug/L		06/26/11 15:55	07/11/11 17:04	1
Dibenz(a,h)anthracene	0.95	U	9.5	0.95	ug/L		06/26/11 15:55	07/11/11 17:04	1
Dibenzofuran	0.75	U	9.5	0.75	ug/L		06/26/11 15:55	07/11/11 17:04	1
3,3'-Dichlorobenzidine	28	U	57	28	ug/L		06/26/11 15:55	07/11/11 17:04	1
2,4-Dichlorophenol	1.0	U	9.5	1.0	ug/L		06/26/11 15:55	07/11/11 17:04	1
2,6-Dichlorophenol	0.69	U	9.5	0.69	ug/L		06/26/11 15:55	07/11/11 17:04	1
Diethyl phthalate	0.83	U	9.5	0.83	ug/L		06/26/11 15:55	07/11/11 17:04	1
Dimethoate	0.71	U	9.5	0.71	ug/L		06/26/11 15:55	07/11/11 17:04	1
7,12-Dimethylbenz(a)anthracene	1.1	U	9.5	1.1	ug/L		06/26/11 15:55	07/11/11 17:04	1
3,3'-Dimethylbenzidine	9.5	U	19	9.5	ug/L		06/26/11 15:55	07/11/11 17:04	1
2,4-Dimethylphenol	3.8	U	9.5	3.8	ug/L		06/26/11 15:55	07/11/11 17:04	1
Dimethyl phthalate	0.94	U	9.5	0.94	ug/L		06/26/11 15:55	07/11/11 17:04	1
Di-n-butyl phthalate	0.78	U	9.5	0.78	ug/L		06/26/11 15:55	07/11/11 17:04	1
1,3-Dinitrobenzene	0.57	U	9.5	0.57	ug/L		06/26/11 15:55	07/11/11 17:04	1
4,6-Dinitro-2-methylphenol	9.5	U	47	9.5	ug/L		06/26/11 15:55	07/11/11 17:04	1
2,4-Dinitrophenol	9.5	U	47	9.5	ug/L		06/26/11 15:55	07/11/11 17:04	1
2,4-Dinitrotoluene	1.1	U	9.5	1.1	ug/L		06/26/11 15:55	07/11/11 17:04	1
2,6-Dinitrotoluene	1.0	U	9.5	1.0	ug/L		06/26/11 15:55	07/11/11 17:04	1
Di-n-octyl phthalate	1.3	U	9.5	1.3	ug/L		06/26/11 15:55	07/11/11 17:04	1
Dinoseb	4.7	U	9.5	4.7	ug/L		06/26/11 15:55	07/11/11 17:04	1
1,4-Dioxane	3.2	U	9.5	3.2	ug/L		06/26/11 15:55	07/11/11 17:04	1
Disulfoton	0.75	U	9.5	0.75	ug/L		06/26/11 15:55	07/11/11 17:04	1
Ethyl methanesulfonate	0.91	U	9.5	0.91	ug/L		06/26/11 15:55	07/11/11 17:04	1
Ethyl Parathion	1.2	U	9.5	1.2	ug/L		06/26/11 15:55	07/11/11 17:04	1
Famphur	1.0	U Q	9.5	1.0	ug/L		06/26/11 15:55	07/11/11 17:04	1

Client Sample ID: SLMW-12AR-6-11

Lab Sample ID: 680-69677-1

Date Collected: 06/22/11 13:15

Matrix: Water

Date Received: 06/23/11 09:28

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	0.70	U	9.5	0.70	ug/L		06/26/11 15:55	07/11/11 17:04	1
Fluorene	0.91	U	9.5	0.91	ug/L		06/26/11 15:55	07/11/11 17:04	1
Hexachlorobenzene	0.75	U	9.5	0.75	ug/L		06/26/11 15:55	07/11/11 17:04	1
Hexachlorobutadiene	0.59	U	9.5	0.59	ug/L		06/26/11 15:55	07/11/11 17:04	1
Hexachlorocyclopentadiene	2.4	U	9.5	2.4	ug/L		06/26/11 15:55	07/11/11 17:04	1
Hexachloroethane	0.72	U	9.5	0.72	ug/L		06/26/11 15:55	07/11/11 17:04	1
Hexachloropropene	1.3	U	9.5	1.3	ug/L		06/26/11 15:55	07/11/11 17:04	1
Indeno[1,2,3-cd]pyrene	0.95	U	9.5	0.95	ug/L		06/26/11 15:55	07/11/11 17:04	1
Isophorone	0.85	U	9.5	0.85	ug/L		06/26/11 15:55	07/11/11 17:04	1
Isosafrole	0.47	U	9.5	0.47	ug/L		06/26/11 15:55	07/11/11 17:04	1
Methapyrilene	2.6	U	1900	2.6	ug/L		06/26/11 15:55	07/11/11 17:04	1
3-Methylcholanthrene	1.3	U	9.5	1.3	ug/L		06/26/11 15:55	07/11/11 17:04	1
Methyl methanesulfonate	0.57	U	9.5	0.57	ug/L		06/26/11 15:55	07/11/11 17:04	1
2-Methylnaphthalene	0.74	U	9.5	0.74	ug/L		06/26/11 15:55	07/11/11 17:04	1
Methyl parathion	0.83	U	9.5	0.83	ug/L		06/26/11 15:55	07/11/11 17:04	1
2-Methylphenol	0.84	U	9.5	0.84	ug/L		06/26/11 15:55	07/11/11 17:04	1
3 & 4 Methylphenol	1.2	U	9.5	1.2	ug/L		06/26/11 15:55	07/11/11 17:04	1
Naphthalene	0.66	U	9.5	0.66	ug/L		06/26/11 15:55	07/11/11 17:04	1
1,4-Naphthoquinone	0.59	U	9.5	0.59	ug/L		06/26/11 15:55	07/11/11 17:04	1
1-Naphthylamine	1.0	U	9.5	1.0	ug/L		06/26/11 15:55	07/11/11 17:04	1
2-Naphthylamine	1.4	U	9.5	1.4	ug/L		06/26/11 15:55	07/11/11 17:04	1
2-Nitroaniline	1.2	U	47	1.2	ug/L		06/26/11 15:55	07/11/11 17:04	1
3-Nitroaniline	4.7	U	47	4.7	ug/L		06/26/11 15:55	07/11/11 17:04	1
4-Nitroaniline	4.7	U	47	4.7	ug/L		06/26/11 15:55	07/11/11 17:04	1
Nitrobenzene	0.69	U	9.5	0.69	ug/L		06/26/11 15:55	07/11/11 17:04	1
2-Nitrophenol	0.72	U	9.5	0.72	ug/L		06/26/11 15:55	07/11/11 17:04	1
4-Nitrophenol	1.8	U	47	1.8	ug/L		06/26/11 15:55	07/11/11 17:04	1
N-Nitro-o-toluidine	1.4	U	9.5	1.4	ug/L		06/26/11 15:55	07/11/11 17:04	1
N-Nitrosodiethylamine	0.88	U	9.5	0.88	ug/L		06/26/11 15:55	07/11/11 17:04	1
N-Nitrosodimethylamine	2.6	U	9.5	2.6	ug/L		06/26/11 15:55	07/11/11 17:04	1
N-Nitrosodi-n-butylamine	0.91	U	9.5	0.91	ug/L		06/26/11 15:55	07/11/11 17:04	1
N-Nitrosodi-n-propylamine	0.68	U	9.5	0.68	ug/L		06/26/11 15:55	07/11/11 17:04	1
N-Nitrosodiphenylamine	0.87	U	9.5	0.87	ug/L		06/26/11 15:55	07/11/11 17:04	1
N-Nitrosomethylethylamine	3.1	U	9.5	3.1	ug/L		06/26/11 15:55	07/11/11 17:04	1
N-Nitrosopiperidine	0.83	U	9.5	0.83	ug/L		06/26/11 15:55	07/11/11 17:04	1
N-Nitrosopyrrolidine	0.95	U	9.5	0.95	ug/L		06/26/11 15:55	07/11/11 17:04	1
o,o',o''-Triethylphosphorothioate	0.95	U	9.5	0.95	ug/L		06/26/11 15:55	07/11/11 17:04	1
p-Dimethylamino azobenzene	0.75	U	9.5	0.75	ug/L		06/26/11 15:55	07/11/11 17:04	1
Pentachlorobenzene	0.49	U	9.5	0.49	ug/L		06/26/11 15:55	07/11/11 17:04	1
Pentachloronitrobenzene	0.74	U	9.5	0.74	ug/L		06/26/11 15:55	07/11/11 17:04	1
Pentachlorophenol	1.9	U	47	1.9	ug/L		06/26/11 15:55	07/11/11 17:04	1
Phenacetin	1.3	U	9.5	1.3	ug/L		06/26/11 15:55	07/11/11 17:04	1
Phenanthrene	0.73	U	9.5	0.73	ug/L		06/26/11 15:55	07/11/11 17:04	1
Phenol	0.78	U	9.5	0.78	ug/L		06/26/11 15:55	07/11/11 17:04	1
Phorate	0.82	U	9.5	0.82	ug/L		06/26/11 15:55	07/11/11 17:04	1
p-Phenylene diamine	9.5	U	1900	9.5	ug/L		06/26/11 15:55	07/11/11 17:04	1
Pronamide	0.84	U	9.5	0.84	ug/L		06/26/11 15:55	07/11/11 17:04	1
Pyrene	0.60	U	9.5	0.60	ug/L		06/26/11 15:55	07/11/11 17:04	1
Safrole, Total	0.76	U	9.5	0.76	ug/L		06/26/11 15:55	07/11/11 17:04	1
Sulfotepp	0.50	U	9.5	0.50	ug/L		06/26/11 15:55	07/11/11 17:04	1

Client Sample ID: SLMW-12AR-6-11

Lab Sample ID: 680-69677-1

Date Collected: 06/22/11 13:15

Matrix: Water

Date Received: 06/23/11 09:28

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	0.72	U	9.5	0.72	ug/L		06/26/11 15:55	07/11/11 17:04	1
2,3,4,6-Tetrachlorophenol	0.68	U	9.5	0.68	ug/L		06/26/11 15:55	07/11/11 17:04	1
Thionazin	0.86	U	9.5	0.86	ug/L		06/26/11 15:55	07/11/11 17:04	1
2-Toluidine	1.3	U	9.5	1.3	ug/L		06/26/11 15:55	07/11/11 17:04	1
2,4,5-Trichlorophenol	1.1	U	9.5	1.1	ug/L		06/26/11 15:55	07/11/11 17:04	1
2,4,6-Trichlorophenol	0.80	U	9.5	0.80	ug/L		06/26/11 15:55	07/11/11 17:04	1
1,3,5-Trinitrobenzene	1.9	U	9.5	1.9	ug/L		06/26/11 15:55	07/11/11 17:04	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*38 - 130*	*06/26/11 15:55*	*07/11/11 17:04*	*1*
2-Fluorophenol	*62*		*25 - 130*	*06/26/11 15:55*	*07/11/11 17:04*	*1*
Nitrobenzene-d5	*68*		*39 - 130*	*06/26/11 15:55*	*07/11/11 17:04*	*1*
Phenol-d5	*59*		*25 - 130*	*06/26/11 15:55*	*07/11/11 17:04*	*1*
Terphenyl-d14	*82*		*10 - 143*	*06/26/11 15:55*	*07/11/11 17:04*	*1*
2,4,6-Tribromophenol	*101*		*31 - 141*	*06/26/11 15:55*	*07/11/11 17:04*	*1*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0062	U	0.095	0.0062	ug/L		06/26/11 15:55	07/05/11 17:56	1
4,4'-DDE	0.0073	U	0.095	0.0073	ug/L		06/26/11 15:55	07/05/11 17:56	1
4,4'-DDT	0.0092	U	0.095	0.0092	ug/L		06/26/11 15:55	07/05/11 17:56	1
Aldrin	0.0067	U	0.048	0.0067	ug/L		06/26/11 15:55	07/05/11 17:56	1
alpha-BHC	0.0054	U	0.048	0.0054	ug/L		06/26/11 15:55	07/05/11 17:56	1
beta-BHC	0.0064	U	0.048	0.0064	ug/L		06/26/11 15:55	07/05/11 17:56	1
Chlordane (technical)	0.095	U	0.48	0.095	ug/L		06/26/11 15:55	07/05/11 17:56	1
Chlorobenzilate	0.48	U	0.48	0.48	ug/L		06/26/11 15:55	07/05/11 17:56	1
delta-BHC	0.0046	U	0.048	0.0046	ug/L		06/26/11 15:55	07/05/11 17:56	1
Dieldrin	0.0086	U	0.095	0.0086	ug/L		06/26/11 15:55	07/05/11 17:56	1
Endosulfan I	0.0040	U	0.048	0.0040	ug/L		06/26/11 15:55	07/05/11 17:56	1
Endosulfan II	0.0093	U	0.095	0.0093	ug/L		06/26/11 15:55	07/05/11 17:56	1
Endosulfan sulfate	0.0065	U	0.095	0.0065	ug/L		06/26/11 15:55	07/05/11 17:56	1
Endrin	0.0092	U	0.095	0.0092	ug/L		06/26/11 15:55	07/05/11 17:56	1
Endrin aldehyde	0.015	U	0.095	0.015	ug/L		06/26/11 15:55	07/05/11 17:56	1
gamma-BHC (Lindane)	0.0056	U	0.048	0.0056	ug/L		06/26/11 15:55	07/05/11 17:56	1
Heptachlor	0.0067	U	0.048	0.0067	ug/L		06/26/11 15:55	07/05/11 17:56	1
Heptachlor epoxide	0.0057	U	0.048	0.0057	ug/L		06/26/11 15:55	07/05/11 17:56	1
Isodrin	0.048	U	0.048	0.048	ug/L		06/26/11 15:55	07/05/11 17:56	1
Methoxychlor	0.012	U	0.095	0.012	ug/L		06/26/11 15:55	07/05/11 17:56	1
PCB-1016	0.067	U	0.95	0.067	ug/L		06/26/11 15:55	07/05/11 17:56	1
PCB-1221	0.27	U	1.9	0.27	ug/L		06/26/11 15:55	07/05/11 17:56	1
PCB-1232	0.10	U	0.95	0.10	ug/L		06/26/11 15:55	07/05/11 17:56	1
PCB-1242	0.17	U	0.95	0.17	ug/L		06/26/11 15:55	07/05/11 17:56	1
PCB-1248	0.34	U	0.95	0.34	ug/L		06/26/11 15:55	07/05/11 17:56	1
PCB-1254	0.25	U	0.95	0.25	ug/L		06/26/11 15:55	07/05/11 17:56	1
PCB-1260	0.19	U	0.95	0.19	ug/L		06/26/11 15:55	07/05/11 17:56	1
PCB-1262	0.23	U	0.95	0.23	ug/L		06/26/11 15:55	07/05/11 17:56	1
Toxaphene	0.48	U	4.8	0.48	ug/L		06/26/11 15:55	07/05/11 17:56	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*29*	*M J*	*40 - 130*	*06/26/11 15:55*	*07/05/11 17:56*	*1*

Client Sample ID: SLMW-12AR-6-11

Lab Sample ID: 680-69677-1

Date Collected: 06/22/11 13:15

Matrix: Water

Date Received: 06/23/11 09:28

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*61*		*36 - 130*	*06/26/11 15:55*	*07/05/11 17:56*	*1*

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethoate	0.95	U	1.9	0.95	ug/L		06/26/11 15:55	06/30/11 07:01	1
Disulfoton	0.95	U	1.9	0.95	ug/L		06/26/11 15:55	06/30/11 07:01	1
Ethyl Parathion	0.48	U	0.95	0.48	ug/L		06/26/11 15:55	06/30/11 07:01	1
Famphur	0.95	U	1.9	0.95	ug/L		06/26/11 15:55	06/30/11 07:01	1
Methyl parathion	0.48	U	0.48	0.48	ug/L		06/26/11 15:55	06/30/11 07:01	1
Phorate	0.48	U	0.95	0.48	ug/L		06/26/11 15:55	06/30/11 07:01	1
Sulfotepp	0.48	U	0.48	0.48	ug/L		06/26/11 15:55	06/30/11 07:01	1
Thionazin	0.48	U	0.95	0.48	ug/L		06/26/11 15:55	06/30/11 07:01	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Triphenylphosphate	*90*		*67 - 130*	*06/26/11 15:55*	*06/30/11 07:01*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.035	U	0.48	0.035	ug/L		06/24/11 08:27	06/29/11 16:50	1
2,4-DB	0.14	U	0.48	0.14	ug/L		06/24/11 08:27	06/29/11 16:50	1
2,4,5-T	0.059	U	0.48	0.059	ug/L		06/24/11 08:27	06/29/11 16:50	1
Silvex (2,4,5-TP)	0.059	U	0.48	0.059	ug/L		06/24/11 08:27	06/29/11 16:50	1
Dalapon	0.096	U	9.6	0.096	ug/L		06/24/11 08:27	06/29/11 16:50	1
Dicamba	0.081	U	0.48	0.081	ug/L		06/24/11 08:27	06/29/11 16:50	1
Dichlorprop	0.14	U	0.48	0.14	ug/L		06/24/11 08:27	06/29/11 16:50	1
Dinoseb	0.15	U	5.7	0.15	ug/L		06/24/11 08:27	06/29/11 16:50	1
MCPA	16	U	110	16	ug/L		06/24/11 08:27	06/29/11 16:50	1
Mecoprop	18	U	110	18	ug/L		06/24/11 08:27	06/29/11 16:50	1
Pentachlorophenol	0.035	U	0.24	0.035	ug/L		06/24/11 08:27	06/29/11 16:50	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCAA	*110*		*52 - 151*	*06/24/11 08:27*	*06/29/11 16:50*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.99	U	2.0	0.99	ug/L		06/23/11 14:33	06/30/11 07:31	1
Arsenic	**0.61**	**J**	1.0	0.40	ug/L		06/23/11 14:33	06/30/11 07:31	1
Barium	**32**		1.0	0.15	ug/L		06/23/11 14:33	06/30/11 07:31	1
Beryllium	**0.11**	**J**	0.20	0.070	ug/L		06/23/11 14:33	06/30/11 07:31	1
Cadmium	0.20	U	0.50	0.20	ug/L		06/23/11 14:33	06/30/11 07:31	1
Chromium	**0.92**	**J**	1.0	0.16	ug/L		06/23/11 14:33	06/30/11 07:31	1
Cobalt	**0.68**		0.20	0.078	ug/L		06/23/11 14:33	06/30/11 07:31	1
Copper	**0.52**	**J**	1.0	0.21	ug/L		06/23/11 14:33	06/30/11 07:31	1
Lead	**0.54**		0.30	0.080	ug/L		06/23/11 14:33	06/30/11 07:31	1
Nickel	**1.4**		1.0	0.40	ug/L		06/23/11 14:33	06/30/11 07:31	1
Selenium	0.21	U	0.50	0.21	ug/L		06/23/11 14:33	06/30/11 07:31	1
Silver	0.10	U	0.20	0.10	ug/L		06/23/11 14:33	06/30/11 07:31	1
Thallium	**0.22**		0.20	0.10	ug/L		06/23/11 14:33	06/30/11 07:31	1
Tin	0.40	U	1.0	0.40	ug/L		06/23/11 14:33	06/30/11 07:31	1
Vanadium	**1.5**	**J**	5.0	1.4	ug/L		06/23/11 14:33	06/30/11 07:31	1

Client Sample ID: SLMW-12AR-6-11

Lab Sample ID: 680-69677-1

Date Collected: 06/22/11 13:15

Matrix: Water

Date Received: 06/23/11 09:28

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	5.9	J	10	2.6	ug/L		06/23/11 14:33	06/30/11 07:31	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U Q	0.20	0.091	ug/L		06/24/11 09:08	06/24/11 15:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.11	J	0.25	0.075	mg/L			06/24/11 04:53	5
Cyanide, Total	0.0050	U	0.010	0.0050	mg/L		06/28/11 05:41	06/29/11 09:53	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	13		10	10	mg/L		06/27/11 12:43	06/27/11 15:21	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	PHL	TPH	TBP
Lab Sample ID	Client Sample ID	(38-130)	(25-130)	(39-130)	(25-130)	(10-143)	(31-141)
680-69677-1	SLMW-12AR-6-11	75	62	68	59	82	101
LCS 680-207090/10-A	Lab Control Sample	72	61	68	61	84	86
LCS 680-207090/15-A	Lab Control Sample	70	65	72	68	81	73
MB 680-207090/9-A	Method Blank	67	62	71	63	89	62

Surrogate Legend

FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = Terphenyl-d14
TBP = 2,4,6-Tribromophenol

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCB1	DCB2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(40-130)	(40-130)	(36-130)	(36-130)
680-69677-1	SLMW-12AR-6-11	29 M J	27 J	58	61
LCS 680-207094/20-A	Lab Control Sample	49	44 M	59	59
LCS 680-207094/23-A	Lab Control Sample	30 J	30 J	65	64
MB 680-207094/19-A	Method Blank	51 M	49 M	56	55

Surrogate Legend

DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		TPP2
Lab Sample ID	Client Sample ID	(67-130)
680-69677-1	SLMW-12AR-6-11	90
LCS 680-207094/26-A	Lab Control Sample	93
LCS 680-207094/29-A	Lab Control Sample	93
MB 680-207094/19-A	Method Blank	89

Surrogate Legend

TPP = Triphenylphosphate

Method: 8151A - Herbicides (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCPA1	DCPA2
Lab Sample ID	Client Sample ID	(52-151)	(52-151)
680-69677-1	SLMW-12AR-6-11	90 M	110

Surrogate Summary

Client: U.S. Army Corps of Engineers
Project/Site: Ft. Bragg Longstreet Landfill

TestAmerica Job ID: 680-69677-1

Method: 8151A - Herbicides (GC) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	**Client Sample ID**	**DCPA1 (52-151)**	**DCPA2 (52-151)**						
LCS 680-206919/18-A	Lab Control Sample	94	120						
MB 680-206919/17-A	Method Blank	101 M	102						

Surrogate Legend

DCPA = DCAA

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-207090/9-A
Matrix: Water
Analysis Batch: 208355

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 207090

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.76	U	10	0.76	ug/L		06/26/11 15:55	07/08/11 21:17	1
Acenaphthylene	0.85	U	10	0.85	ug/L		06/26/11 15:55	07/08/11 21:17	1
Acetophenone	0.57	U	10	0.57	ug/L		06/26/11 15:55	07/08/11 21:17	1
2-Acetylaminofluorene	1.6	U	10	1.6	ug/L		06/26/11 15:55	07/08/11 21:17	1
4-Aminobiphenyl	1.2	U	10	1.2	ug/L		06/26/11 15:55	07/08/11 21:17	1
Anthracene	0.69	U	10	0.69	ug/L		06/26/11 15:55	07/08/11 21:17	1
Benzo[a]anthracene	0.55	U	10	0.55	ug/L		06/26/11 15:55	07/08/11 21:17	1
Benzo[a]pyrene	0.71	U	10	0.71	ug/L		06/26/11 15:55	07/08/11 21:17	1
Benzo[b]fluoranthene	2.6	U	10	2.6	ug/L		06/26/11 15:55	07/08/11 21:17	1
Benzo[g,h,i]perylene	0.87	U	10	0.87	ug/L		06/26/11 15:55	07/08/11 21:17	1
Benzo[k]fluoranthene	1.2	U	10	1.2	ug/L		06/26/11 15:55	07/08/11 21:17	1
Benzyl alcohol	1.1	U	10	1.1	ug/L		06/26/11 15:55	07/08/11 21:17	1
1,1'-Biphenyl	0.58	U	10	0.58	ug/L		06/26/11 15:55	07/08/11 21:17	1
Bis(2-chloroethoxy)methane	0.94	U	10	0.94	ug/L		06/26/11 15:55	07/08/11 21:17	1
Bis(2-chloroethyl)ether	1.1	U	10	1.1	ug/L		06/26/11 15:55	07/08/11 21:17	1
bis(chloroisopropyl) ether	0.78	U	10	0.78	ug/L		06/26/11 15:55	07/08/11 21:17	1
Bis(2-ethylhexyl) phthalate	1.6	U	10	1.6	ug/L		06/26/11 15:55	07/08/11 21:17	1
4-Bromophenyl phenyl ether	0.77	U	10	0.77	ug/L		06/26/11 15:55	07/08/11 21:17	1
Butyl benzyl phthalate	1.2	U	10	1.2	ug/L		06/26/11 15:55	07/08/11 21:17	1
4-Chloroaniline	2.2	U	20	2.2	ug/L		06/26/11 15:55	07/08/11 21:17	1
4-Chloro-3-methylphenol	1.0	U	10	1.0	ug/L		06/26/11 15:55	07/08/11 21:17	1
2-Chloronaphthalene	0.80	U	10	0.80	ug/L		06/26/11 15:55	07/08/11 21:17	1
2-Chlorophenol	0.87	U	10	0.87	ug/L		06/26/11 15:55	07/08/11 21:17	1
4-Chlorophenyl phenyl ether	0.84	U	10	0.84	ug/L		06/26/11 15:55	07/08/11 21:17	1
Chrysene	0.51	U	10	0.51	ug/L		06/26/11 15:55	07/08/11 21:17	1
Diallate	0.78	U	10	0.78	ug/L		06/26/11 15:55	07/08/11 21:17	1
Dibenz(a,h)anthracene	1.0	U	10	1.0	ug/L		06/26/11 15:55	07/08/11 21:17	1
Dibenzofuran	0.79	U	10	0.79	ug/L		06/26/11 15:55	07/08/11 21:17	1
3,3'-Dichlorobenzidine	30	U	60	30	ug/L		06/26/11 15:55	07/08/11 21:17	1
2,4-Dichlorophenol	1.1	U	10	1.1	ug/L		06/26/11 15:55	07/08/11 21:17	1
2,6-Dichlorophenol	0.73	U	10	0.73	ug/L		06/26/11 15:55	07/08/11 21:17	1
Diethyl phthalate	0.88	U	10	0.88	ug/L		06/26/11 15:55	07/08/11 21:17	1
Dimethoate	0.75	U	10	0.75	ug/L		06/26/11 15:55	07/08/11 21:17	1
7,12-Dimethylbenz(a)anthracene	1.2	U	10	1.2	ug/L		06/26/11 15:55	07/08/11 21:17	1
3,3'-Dimethylbenzidine	10	U	20	10	ug/L		06/26/11 15:55	07/08/11 21:17	1
2,4-Dimethylphenol	4.0	U	10	4.0	ug/L		06/26/11 15:55	07/08/11 21:17	1
Dimethyl phthalate	0.99	U	10	0.99	ug/L		06/26/11 15:55	07/08/11 21:17	1
Di-n-butyl phthalate	0.83	U	10	0.83	ug/L		06/26/11 15:55	07/08/11 21:17	1
1,3-Dinitrobenzene	0.60	U	10	0.60	ug/L		06/26/11 15:55	07/08/11 21:17	1
4,6-Dinitro-2-methylphenol	10	U	50	10	ug/L		06/26/11 15:55	07/08/11 21:17	1
2,4-Dinitrophenol	10	U	50	10	ug/L		06/26/11 15:55	07/08/11 21:17	1
2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L		06/26/11 15:55	07/08/11 21:17	1
2,6-Dinitrotoluene	1.1	U	10	1.1	ug/L		06/26/11 15:55	07/08/11 21:17	1
Di-n-octyl phthalate	1.4	U	10	1.4	ug/L		06/26/11 15:55	07/08/11 21:17	1
Dinoseb	5.0	U	10	5.0	ug/L		06/26/11 15:55	07/08/11 21:17	1
1,4-Dioxane	3.4	U	10	3.4	ug/L		06/26/11 15:55	07/08/11 21:17	1
Disulfoton	0.79	U	10	0.79	ug/L		06/26/11 15:55	07/08/11 21:17	1
Ethyl methanesulfonate	0.96	U	10	0.96	ug/L		06/26/11 15:55	07/08/11 21:17	1
Ethyl Parathion	1.3	U	10	1.3	ug/L		06/26/11 15:55	07/08/11 21:17	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-207090/9-A
Matrix: Water
Analysis Batch: 208355

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 207090

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Famphur	1.1	U	10	1.1	ug/L		06/26/11 15:55	07/08/11 21:17	1
Fluoranthene	0.74	U	10	0.74	ug/L		06/26/11 15:55	07/08/11 21:17	1
Fluorene	0.96	U	10	0.96	ug/L		06/26/11 15:55	07/08/11 21:17	1
Hexachlorobenzene	0.79	U	10	0.79	ug/L		06/26/11 15:55	07/08/11 21:17	1
Hexachlorobutadiene	0.62	U	10	0.62	ug/L		06/26/11 15:55	07/08/11 21:17	1
Hexachlorocyclopentadiene	2.5	U	10	2.5	ug/L		06/26/11 15:55	07/08/11 21:17	1
Hexachloroethane	0.76	U	10	0.76	ug/L		06/26/11 15:55	07/08/11 21:17	1
Hexachloropropene	1.4	U	10	1.4	ug/L		06/26/11 15:55	07/08/11 21:17	1
Indeno[1,2,3-cd]pyrene	1.0	U	10	1.0	ug/L		06/26/11 15:55	07/08/11 21:17	1
Isophorone	0.90	U	10	0.90	ug/L		06/26/11 15:55	07/08/11 21:17	1
Isosafrole	0.50	U	10	0.50	ug/L		06/26/11 15:55	07/08/11 21:17	1
Methapyrilene	2.7	U	2000	2.7	ug/L		06/26/11 15:55	07/08/11 21:17	1
3-Methylcholanthrene	1.4	U	10	1.4	ug/L		06/26/11 15:55	07/08/11 21:17	1
Methyl methanesulfonate	0.60	U	10	0.60	ug/L		06/26/11 15:55	07/08/11 21:17	1
2-Methylnaphthalene	0.78	U	10	0.78	ug/L		06/26/11 15:55	07/08/11 21:17	1
Methyl parathion	0.88	U	10	0.88	ug/L		06/26/11 15:55	07/08/11 21:17	1
2-Methylphenol	0.89	U	10	0.89	ug/L		06/26/11 15:55	07/08/11 21:17	1
3 & 4 Methylphenol	1.3	U	10	1.3	ug/L		06/26/11 15:55	07/08/11 21:17	1
Naphthalene	0.70	U	10	0.70	ug/L		06/26/11 15:55	07/08/11 21:17	1
1,4-Naphthoquinone	0.62	U	10	0.62	ug/L		06/26/11 15:55	07/08/11 21:17	1
1-Naphthylamine	1.1	U	10	1.1	ug/L		06/26/11 15:55	07/08/11 21:17	1
2-Naphthylamine	1.5	U	10	1.5	ug/L		06/26/11 15:55	07/08/11 21:17	1
2-Nitroaniline	1.3	U	50	1.3	ug/L		06/26/11 15:55	07/08/11 21:17	1
3-Nitroaniline	5.0	U	50	5.0	ug/L		06/26/11 15:55	07/08/11 21:17	1
4-Nitroaniline	5.0	U	50	5.0	ug/L		06/26/11 15:55	07/08/11 21:17	1
Nitrobenzene	0.73	U	10	0.73	ug/L		06/26/11 15:55	07/08/11 21:17	1
2-Nitrophenol	0.76	U	10	0.76	ug/L		06/26/11 15:55	07/08/11 21:17	1
4-Nitrophenol	1.9	U	50	1.9	ug/L		06/26/11 15:55	07/08/11 21:17	1
N-Nitro-o-toluidine	1.5	U	10	1.5	ug/L		06/26/11 15:55	07/08/11 21:17	1
N-Nitrosodiethylamine	0.93	U	10	0.93	ug/L		06/26/11 15:55	07/08/11 21:17	1
N-Nitrosodimethylamine	2.8	U	10	2.8	ug/L		06/26/11 15:55	07/08/11 21:17	1
N-Nitrosodi-n-butylamine	0.96	U	10	0.96	ug/L		06/26/11 15:55	07/08/11 21:17	1
N-Nitrosodi-n-propylamine	0.72	U	10	0.72	ug/L		06/26/11 15:55	07/08/11 21:17	1
N-Nitrosodiphenylamine	0.92	U	10	0.92	ug/L		06/26/11 15:55	07/08/11 21:17	1
N-Nitrosomethylethylamine	3.3	U	10	3.3	ug/L		06/26/11 15:55	07/08/11 21:17	1
N-Nitrosopiperidine	0.88	U	10	0.88	ug/L		06/26/11 15:55	07/08/11 21:17	1
N-Nitrosopyrrolidine	1.0	U	10	1.0	ug/L		06/26/11 15:55	07/08/11 21:17	1
o,o',o''-Triethylphosphorothioate	1.0	U	10	1.0	ug/L		06/26/11 15:55	07/08/11 21:17	1
p-Dimethylamino azobenzene	0.79	U	10	0.79	ug/L		06/26/11 15:55	07/08/11 21:17	1
Pentachlorobenzene	0.52	U	10	0.52	ug/L		06/26/11 15:55	07/08/11 21:17	1
Pentachloronitrobenzene	0.78	U	10	0.78	ug/L		06/26/11 15:55	07/08/11 21:17	1
Pentachlorophenol	2.0	U	50	2.0	ug/L		06/26/11 15:55	07/08/11 21:17	1
Phenacetin	1.4	U	10	1.4	ug/L		06/26/11 15:55	07/08/11 21:17	1
Phenanthrene	0.77	U	10	0.77	ug/L		06/26/11 15:55	07/08/11 21:17	1
Phenol	0.83	U	10	0.83	ug/L		06/26/11 15:55	07/08/11 21:17	1
Phorate	0.87	U	10	0.87	ug/L		06/26/11 15:55	07/08/11 21:17	1
p-Phenylene diamine	10	U	2000	10	ug/L		06/26/11 15:55	07/08/11 21:17	1
Pronamide	0.89	U	10	0.89	ug/L		06/26/11 15:55	07/08/11 21:17	1
Pyrene	0.63	U	10	0.63	ug/L		06/26/11 15:55	07/08/11 21:17	1
Safrole, Total	0.80	U	10	0.80	ug/L		06/26/11 15:55	07/08/11 21:17	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-207090/9-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208355 — **Prep Batch: 207090**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfotepp	0.53	U	10	0.53	ug/L		06/26/11 15:55	07/08/11 21:17	1
1,2,4,5-Tetrachlorobenzene	0.76	U	10	0.76	ug/L		06/26/11 15:55	07/08/11 21:17	1
2,3,4,6-Tetrachlorophenol	0.72	U	10	0.72	ug/L		06/26/11 15:55	07/08/11 21:17	1
Thionazin	0.91	U	10	0.91	ug/L		06/26/11 15:55	07/08/11 21:17	1
2-Toluidine	1.4	U	10	1.4	ug/L		06/26/11 15:55	07/08/11 21:17	1
2,4,5-Trichlorophenol	1.2	U	10	1.2	ug/L		06/26/11 15:55	07/08/11 21:17	1
2,4,6-Trichlorophenol	0.85	U	10	0.85	ug/L		06/26/11 15:55	07/08/11 21:17	1
1,3,5-Trinitrobenzene	2.0	U	10	2.0	ug/L		06/26/11 15:55	07/08/11 21:17	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*38 - 130*	*06/26/11 15:55*	*07/08/11 21:17*	*1*
2-Fluorophenol	*62*		*25 - 130*	*06/26/11 15:55*	*07/08/11 21:17*	*1*
Nitrobenzene-d5	*71*		*39 - 130*	*06/26/11 15:55*	*07/08/11 21:17*	*1*
Phenol-d5	*63*		*25 - 130*	*06/26/11 15:55*	*07/08/11 21:17*	*1*
Terphenyl-d14	*89*		*10 - 143*	*06/26/11 15:55*	*07/08/11 21:17*	*1*
2,4,6-Tribromophenol	*62*		*31 - 141*	*06/26/11 15:55*	*07/08/11 21:17*	*1*

Lab Sample ID: LCS 680-207090/10-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208070 — **Prep Batch: 207090**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acenaphthene	100	75.1		ug/L		75	55 - 130
Acenaphthylene	100	76.6		ug/L		77	60 - 130
Anthracene	100	83.6		ug/L		84	61 - 130
Benzo[a]anthracene	100	89.6		ug/L		90	58 - 130
Benzo[a]pyrene	100	93.2		ug/L		93	61 - 130
Benzo[b]fluoranthene	100	83.3		ug/L		83	51 - 130
Benzo[g,h,i]perylene	100	78.5		ug/L		78	54 - 130
Benzo[k]fluoranthene	100	86.6		ug/L		87	53 - 130
Benzyl alcohol	100	66.1		ug/L		66	53 - 130
1,1'-Biphenyl	100	70.2		ug/L		70	54 - 130
Bis(2-chloroethoxy)methane	100	78.5		ug/L		79	64 - 130
Bis(2-chloroethyl)ether	100	62.4		ug/L		62	56 - 130
bis(chloroisopropyl) ether	100	63.1		ug/L		63	55 - 130
Bis(2-ethylhexyl) phthalate	100	89.9		ug/L		90	62 - 130
4-Bromophenyl phenyl ether	100	95.8		ug/L		96	61 - 130
Butyl benzyl phthalate	100	96.2		ug/L		96	66 - 130
4-Chloroaniline	100	66.0		ug/L		66	42 - 130
4-Chloro-3-methylphenol	100	74.7		ug/L		75	60 - 130
2-Chloronaphthalene	100	70.5		ug/L		71	53 - 130
2-Chlorophenol	100	64.7		ug/L		65	57 - 130
4-Chlorophenyl phenyl ether	100	87.0		ug/L		87	57 - 130
Chrysene	100	88.0		ug/L		88	59 - 130
Dibenz(a,h)anthracene	100	79.0		ug/L		79	55 - 130
Dibenzofuran	100	76.2		ug/L		76	58 - 130
3,3'-Dichlorobenzidine	100	64.5		ug/L		65	27 - 130
2,4-Dichlorophenol	100	75.0		ug/L		75	54 - 130
Diethyl phthalate	100	90.2		ug/L		90	70 - 130

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-207090/10-A
Matrix: Water
Analysis Batch: 208070

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 207090

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
2,4-Dimethylphenol	100	60.8		ug/L		61	40 - 130
Dimethyl phthalate	100	88.9		ug/L		89	69 - 130
Di-n-butyl phthalate	100	91.7		ug/L		92	66 - 130
4,6-Dinitro-2-methylphenol	100	94.8		ug/L		95	45 - 134
2,4-Dinitrophenol	100	106		ug/L		106	20 - 165
2,4-Dinitrotoluene	100	84.1		ug/L		84	63 - 130
2,6-Dinitrotoluene	100	81.8		ug/L		82	65 - 130
Di-n-octyl phthalate	100	98.2		ug/L		98	64 - 130
1,4-Dioxane	100	42.2		ug/L		42	35 - 130
Fluoranthene	100	89.3		ug/L		89	56 - 130
Fluorene	100	80.1		ug/L		80	61 - 130
Hexachlorobenzene	100	83.2		ug/L		83	52 - 130
Hexachlorobutadiene	100	68.4		ug/L		68	36 - 130
Hexachlorocyclopentadiene	100	39.0		ug/L		39	10 - 130
Hexachloroethane	100	50.3		ug/L		50	39 - 130
Indeno[1,2,3-cd]pyrene	100	83.0		ug/L		83	47 - 130
Isophorone	100	69.2		ug/L		69	59 - 130
2-Methylnaphthalene	100	70.6		ug/L		71	52 - 130
2-Methylphenol	100	65.1		ug/L		65	55 - 130
3 & 4 Methylphenol	100	67.7		ug/L		68	35 - 130
Naphthalene	100	66.6		ug/L		67	50 - 130
2-Nitroaniline	100	73.4		ug/L		73	60 - 130
3-Nitroaniline	100	79.1		ug/L		79	54 - 130
4-Nitroaniline	100	82.3		ug/L		82	54 - 130
Nitrobenzene	100	64.5		ug/L		64	56 - 130
2-Nitrophenol	100	73.0		ug/L		73	54 - 130
4-Nitrophenol	100	71.4		ug/L		71	38 - 130
N-Nitrosodimethylamine	100	61.6		ug/L		62	54 - 130
N-Nitrosodi-n-propylamine	100	69.7		ug/L		70	64 - 130
N-Nitrosodiphenylamine	100	85.9		ug/L		86	68 - 130
Pentachlorophenol	100	97.6		ug/L		98	42 - 138
Phenanthrene	100	83.3		ug/L		83	62 - 130
Phenol	100	56.4		ug/L		56	29 - 130
Pyrene	100	85.9		ug/L		86	60 - 130
2,4,5-Trichlorophenol	100	83.5		ug/L		83	61 - 130
2,4,6-Trichlorophenol	100	79.6		ug/L		80	57 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*72*		*38 - 130*
2-Fluorophenol	*61*		*25 - 130*
Nitrobenzene-d5	*68*		*39 - 130*
Phenol-d5	*61*		*25 - 130*
Terphenyl-d14	*84*		*10 - 143*
2,4,6-Tribromophenol	*86*		*31 - 141*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-207090/15-A
Matrix: Water
Analysis Batch: 208355

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 207090

Surrogate	LCS % Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	70		38 - 130
2-Fluorophenol	65		25 - 130
Nitrobenzene-d5	72		39 - 130
Phenol-d5	68		25 - 130
Terphenyl-d14	81		10 - 143
2,4,6-Tribromophenol	73		31 - 141

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Lab Sample ID: MB 680-207094/19-A
Matrix: Water
Analysis Batch: 208091

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 207094

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0065	U	0.10	0.0065	ug/L		06/26/11 15:55	07/05/11 16:46	1
4,4'-DDE	0.0077	U	0.10	0.0077	ug/L		06/26/11 15:55	07/05/11 16:46	1
4,4'-DDT	0.0097	U	0.10	0.0097	ug/L		06/26/11 15:55	07/05/11 16:46	1
Aldrin	0.0070	U	0.050	0.0070	ug/L		06/26/11 15:55	07/05/11 16:46	1
alpha-BHC	0.0057	U	0.050	0.0057	ug/L		06/26/11 15:55	07/05/11 16:46	1
beta-BHC	0.0067	U	0.050	0.0067	ug/L		06/26/11 15:55	07/05/11 16:46	1
Chlordane (technical)	0.10	U	0.50	0.10	ug/L		06/26/11 15:55	07/05/11 16:46	1
Chlorobenzilate	0.50	U	0.50	0.50	ug/L		06/26/11 15:55	07/05/11 16:46	1
delta-BHC	0.0048	U	0.050	0.0048	ug/L		06/26/11 15:55	07/05/11 16:46	1
Dieldrin	0.0091	U	0.10	0.0091	ug/L		06/26/11 15:55	07/05/11 16:46	1
Endosulfan I	0.0042	U	0.050	0.0042	ug/L		06/26/11 15:55	07/05/11 16:46	1
Endosulfan II	0.0098	U	0.10	0.0098	ug/L		06/26/11 15:55	07/05/11 16:46	1
Endosulfan sulfate	0.0068	U	0.10	0.0068	ug/L		06/26/11 15:55	07/05/11 16:46	1
Endrin	0.0097	U	0.10	0.0097	ug/L		06/26/11 15:55	07/05/11 16:46	1
Endrin aldehyde	0.016	U	0.10	0.016	ug/L		06/26/11 15:55	07/05/11 16:46	1
gamma-BHC (Lindane)	0.0059	U	0.050	0.0059	ug/L		06/26/11 15:55	07/05/11 16:46	1
Heptachlor	0.0070	U	0.050	0.0070	ug/L		06/26/11 15:55	07/05/11 16:46	1
Heptachlor epoxide	0.0060	U	0.050	0.0060	ug/L		06/26/11 15:55	07/05/11 16:46	1
Isodrin	0.050	U	0.050	0.050	ug/L		06/26/11 15:55	07/05/11 16:46	1
Methoxychlor	0.013	U	0.10	0.013	ug/L		06/26/11 15:55	07/05/11 16:46	1
PCB-1016	0.071	U	1.0	0.071	ug/L		06/26/11 15:55	07/05/11 16:46	1
PCB-1221	0.28	U	2.0	0.28	ug/L		06/26/11 15:55	07/05/11 16:46	1
PCB-1232	0.11	U	1.0	0.11	ug/L		06/26/11 15:55	07/05/11 16:46	1
PCB-1242	0.18	U	1.0	0.18	ug/L		06/26/11 15:55	07/05/11 16:46	1
PCB-1248	0.36	U	1.0	0.36	ug/L		06/26/11 15:55	07/05/11 16:46	1
PCB-1254	0.26	U	1.0	0.26	ug/L		06/26/11 15:55	07/05/11 16:46	1
PCB-1260	0.20	U	1.0	0.20	ug/L		06/26/11 15:55	07/05/11 16:46	1
PCB-1262	0.24	U	1.0	0.24	ug/L		06/26/11 15:55	07/05/11 16:46	1
Toxaphene	0.50	U	5.0	0.50	ug/L		06/26/11 15:55	07/05/11 16:46	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	51	M	40 - 130	06/26/11 15:55	07/05/11 16:46	1
Tetrachloro-m-xylene	56		36 - 130	06/26/11 15:55	07/05/11 16:46	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: LCS 680-207094/20-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208091 — **Prep Batch: 207094**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
4,4'-DDD	0.200	0.143		ug/L		71	49 - 144
4,4'-DDE	0.200	0.145		ug/L		72	46 - 144
4,4'-DDT	0.200	0.147		ug/L		74	48 - 166
Aldrin	0.100	0.0648		ug/L		65	14 - 168
alpha-BHC	0.100	0.0660		ug/L		66	43 - 138
beta-BHC	0.100	0.0734		ug/L		73	38 - 158
delta-BHC	0.100	0.0774		ug/L		77	23 - 191
Dieldrin	0.200	0.146		ug/L		73	61 - 136
Endosulfan I	0.100	0.0720		ug/L		72	52 - 141
Endosulfan II	0.200	0.153		ug/L		77	60 - 140
Endosulfan sulfate	0.200	0.160		ug/L		80	60 - 151
Endrin	0.200	0.148		ug/L		74	66 - 150
Endrin aldehyde	0.200	0.164		ug/L		82	16 - 200
gamma-BHC (Lindane)	0.100	0.0672		ug/L		67	54 - 134
Heptachlor	0.100	0.0729		ug/L		73	10 - 200
Heptachlor epoxide	0.100	0.0702		ug/L		70	49 - 142
Methoxychlor	0.200	0.175		ug/L		88	13 - 186

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*49*		*40 - 130*
Tetrachloro-m-xylene	*59*		*36 - 130*

Lab Sample ID: LCS 680-207094/23-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208091 — **Prep Batch: 207094**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1016	10.0	9.31		ug/L		93	38 - 172
PCB-1260	10.0	6.39		ug/L		64	46 - 138

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*30*	*J*	*40 - 130*
Tetrachloro-m-xylene	*65*		*36 - 130*

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Lab Sample ID: MB 680-207094/19-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207849 — **Prep Batch: 207094**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethoate	1.0	U	2.0	1.0	ug/L		06/26/11 15:55	06/30/11 05:47	1
Disulfoton	1.0	U	2.0	1.0	ug/L		06/26/11 15:55	06/30/11 05:47	1
Ethyl Parathion	0.50	U	1.0	0.50	ug/L		06/26/11 15:55	06/30/11 05:47	1
Famphur	1.0	U	2.0	1.0	ug/L		06/26/11 15:55	06/30/11 05:47	1
Methyl parathion	0.50	U	0.50	0.50	ug/L		06/26/11 15:55	06/30/11 05:47	1

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique (Continued)

Lab Sample ID: MB 680-207094/19-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207849 — **Prep Batch: 207094**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phorate	0.50	U	1.0	0.50	ug/L		06/26/11 15:55	06/30/11 05:47	1
Sulfotepp	0.50	U	0.50	0.50	ug/L		06/26/11 15:55	06/30/11 05:47	1
Thionazin	0.50	U	1.0	0.50	ug/L		06/26/11 15:55	06/30/11 05:47	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*89*		*67 - 130*	*06/26/11 15:55*	*06/30/11 05:47*	*1*

Lab Sample ID: LCS 680-207094/26-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207904 — **Prep Batch: 207094**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl parathion	8.00	7.44		ug/L		93	58 - 131

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Triphenylphosphate	*93*		*67 - 130*

Lab Sample ID: LCS 680-207094/29-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207849 — **Prep Batch: 207094**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Ethyl Parathion	8.00	7.39	M	ug/L		92	70 - 130
Thionazin	8.00	6.53		ug/L		82	69 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Triphenylphosphate	*93*		*67 - 130*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 680-206919/17-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207588 — **Prep Batch: 206919**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.037	U	0.50	0.037	ug/L		06/24/11 08:27	06/29/11 12:46	1
2,4-DB	0.15	U	0.50	0.15	ug/L		06/24/11 08:27	06/29/11 12:46	1
2,4,5-T	0.062	U	0.50	0.062	ug/L		06/24/11 08:27	06/29/11 12:46	1
Silvex (2,4,5-TP)	0.062	U	0.50	0.062	ug/L		06/24/11 08:27	06/29/11 12:46	1
Dalapon	0.10	U	10	0.10	ug/L		06/24/11 08:27	06/29/11 12:46	1
Dicamba	0.085	U	0.50	0.085	ug/L		06/24/11 08:27	06/29/11 12:46	1
Dichlorprop	0.15	U	0.50	0.15	ug/L		06/24/11 08:27	06/29/11 12:46	1
Dinoseb	0.16	U	6.0	0.16	ug/L		06/24/11 08:27	06/29/11 12:46	1
MCPA	17	U	120	17	ug/L		06/24/11 08:27	06/29/11 12:46	1
Mecoprop	19	U	120	19	ug/L		06/24/11 08:27	06/29/11 12:46	1
Pentachlorophenol	0.037	U	0.25	0.037	ug/L		06/24/11 08:27	06/29/11 12:46	1

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: MB 680-206919/17-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207588 — **Prep Batch: 206919**

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCAA	102		52 - 151	06/24/11 08:27	06/29/11 12:46	1

Lab Sample ID: LCS 680-206919/18-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207588 — **Prep Batch: 206919**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
2,4-D	2.00	2.04		ug/L		102	63 - 130
2,4-DB	2.00	2.38		ug/L		119	34 - 157
2,4,5-T	2.00	1.96		ug/L		98	59 - 130
Silvex (2,4,5-TP)	2.00	1.99		ug/L		100	64 - 130
Dalapon	10.0	6.96	J	ug/L		70	24 - 130
Dicamba	2.00	1.95		ug/L		98	66 - 130
Dichlorprop	2.00	2.19		ug/L		110	65 - 152
Dinoseb	2.00	0.998	J	ug/L		50	10 - 130
MCPA	200	182		ug/L		91	40 - 130
Mecoprop	200	164		ug/L		82	53 - 130
Pentachlorophenol	1.34	1.32		ug/L		98	70 - 130

Surrogate	LCS % Recovery	LCS Qualifier	Limits
DCAA	120		52 - 151

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 680-206834/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207672 — **Prep Batch: 206834**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.99	U	2.0	0.99	ug/L		06/23/11 14:33	06/30/11 07:16	1
Arsenic	0.40	U	1.0	0.40	ug/L		06/23/11 14:33	06/30/11 07:16	1
Barium	0.15	U	1.0	0.15	ug/L		06/23/11 14:33	06/30/11 07:16	1
Beryllium	0.070	U	0.20	0.070	ug/L		06/23/11 14:33	06/30/11 07:16	1
Cadmium	0.20	U	0.50	0.20	ug/L		06/23/11 14:33	06/30/11 07:16	1
Chromium	0.16	U	1.0	0.16	ug/L		06/23/11 14:33	06/30/11 07:16	1
Cobalt	0.100	J	0.20	0.078	ug/L		06/23/11 14:33	06/30/11 07:16	1
Copper	0.21	U	1.0	0.21	ug/L		06/23/11 14:33	06/30/11 07:16	1
Lead	0.119	J	0.30	0.080	ug/L		06/23/11 14:33	06/30/11 07:16	1
Nickel	0.409	J	1.0	0.40	ug/L		06/23/11 14:33	06/30/11 07:16	1
Selenium	0.21	U	0.50	0.21	ug/L		06/23/11 14:33	06/30/11 07:16	1
Silver	0.10	U	0.20	0.10	ug/L		06/23/11 14:33	06/30/11 07:16	1
Thallium	0.10	U	0.20	0.10	ug/L		06/23/11 14:33	06/30/11 07:16	1
Tin	0.40	U	1.0	0.40	ug/L		06/23/11 14:33	06/30/11 07:16	1
Vanadium	1.4	U	5.0	1.4	ug/L		06/23/11 14:33	06/30/11 07:16	1
Zinc	2.6	U	10	2.6	ug/L		06/23/11 14:33	06/30/11 07:16	1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-206834/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207672 — **Prep Batch: 206834**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	50.0	52.5		ug/L		105	75 - 125
Arsenic	100	96.8		ug/L		97	75 - 125
Barium	100	95.9		ug/L		96	75 - 125
Beryllium	50.0	51.5		ug/L		103	75 - 125
Cadmium	50.0	49.9		ug/L		100	75 - 125
Chromium	100	90.6		ug/L		91	75 - 125
Cobalt	50.0	44.9		ug/L		90	75 - 125
Copper	100	92.9		ug/L		93	75 - 125
Lead	50.0	46.6		ug/L		93	75 - 125
Nickel	100	92.7		ug/L		93	75 - 125
Selenium	100	107	J	ug/L		107	75 - 125
Silver	50.0	49.8		ug/L		100	75 - 125
Thallium	40.0	36.5	J	ug/L		91	75 - 125
Tin	100	100		ug/L		100	75 - 125
Vanadium	100	90.7		ug/L		91	75 - 125
Zinc	100	96.1		ug/L		96	75 - 125

Lab Sample ID: 680-69677-1 MS — **Client Sample ID: SLMW-12AR-6-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207672 — **Prep Batch: 206834**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	0.99	U	50.0	53.7		ug/L		107	75 - 125
Arsenic	0.61	J	100	96.0		ug/L		95	75 - 125
Barium	32		100	134		ug/L		102	75 - 125
Beryllium	0.11	J	50.0	51.5		ug/L		103	75 - 125
Cadmium	0.20	U	50.0	50.2		ug/L		100	75 - 125
Chromium	0.92	J	100	96.1		ug/L		95	75 - 125
Cobalt	0.68		50.0	46.6		ug/L		92	75 - 125
Copper	0.52	J	100	96.7		ug/L		96	75 - 125
Lead	0.54		50.0	48.8		ug/L		97	75 - 125
Nickel	1.4		100	97.7		ug/L		96	75 - 125
Selenium	0.21	U	100	101	J	ug/L		101	75 - 125
Silver	0.10	U	50.0	51.1		ug/L		102	75 - 125
Thallium	0.22		40.0	38.3	J	ug/L		95	75 - 125
Tin	0.40	U	100	105		ug/L		105	75 - 125
Vanadium	1.5	J	100	95.8		ug/L		94	75 - 125
Zinc	5.9	J	100	95.5		ug/L		90	75 - 125

Lab Sample ID: 680-69677-1 MSD — **Client Sample ID: SLMW-12AR-6-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207672 — **Prep Batch: 206834**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Antimony	0.99	U	50.0	53.6		ug/L		107	75 - 125	0	20
Arsenic	0.61	J	100	84.7		ug/L		84	75 - 125	12	20
Barium	32		100	132		ug/L		100	75 - 125	1	20
Beryllium	0.11	J	50.0	54.0		ug/L		108	75 - 125	5	20
Cadmium	0.20	U	50.0	49.8		ug/L		100	75 - 125	1	20
Chromium	0.92	J	100	84.0		ug/L		83	75 - 125	13	20

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-69677-1 MSD — **Client Sample ID: SLMW-12AR-6-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207672 — **Prep Batch: 206834**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Cobalt	0.68		50.0	40.7		ug/L		80	75 - 125	13	20
Copper	0.52	J	100	85.0		ug/L		84	75 - 125	13	20
Lead	0.54		50.0	48.4		ug/L		96	75 - 125	1	20
Nickel	1.4		100	86.3		ug/L		85	75 - 125	12	20
Selenium	0.21	U	100	89.2		ug/L		89	75 - 125	13	20
Silver	0.10	U	50.0	51.2		ug/L		102	75 - 125	0	20
Thallium	0.22		40.0	37.9	J	ug/L		94	75 - 125	1	20
Tin	0.40	U	100	105		ug/L		105	75 - 125	0	20
Vanadium	1.5	J	100	84.4		ug/L		83	75 - 125	13	20
Zinc	5.9	J	100	83.0		ug/L		77	75 - 125	14	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-206935/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207044 — **Prep Batch: 206935**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	U	0.20	0.091	ug/L		06/24/11 09:08	06/24/11 15:29	1

Lab Sample ID: LCS 680-206935/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207044 — **Prep Batch: 206935**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	2.50	0.091	U Q	ug/L		-2	80 - 120

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 680-207212/2 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207212

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.075	U	0.25	0.075	mg/L			06/24/11 02:44	5

Lab Sample ID: LCS 680-207212/3 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207212

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Nitrate as N	4.99	4.89		mg/L		98	90 - 110

Lab Sample ID: LCSD 680-207212/4 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207212

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Nitrate as N	4.99	4.91		mg/L		98	90 - 110	1	30

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 680-207259/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207443 — **Prep Batch: 207259**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.0050	U	0.010	0.0050	mg/L		06/28/11 05:41	06/29/11 09:50	1

Lab Sample ID: LCS 680-207259/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207443 — **Prep Batch: 207259**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	0.0301	0.0330		mg/L		110	85 - 115

Method: 9034 - Sulfide, Acid Soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 680-207164/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207211 — **Prep Batch: 207164**

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	10	U	10	10	mg/L		06/27/11 12:43	06/27/11 15:21	1

Lab Sample ID: LCS 680-207164/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207211 — **Prep Batch: 207164**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Sulfide	456	280		mg/L		61	50 - 150

Lab Chronicle

Client: U.S. Army Corps of Engineers
Project/Site: Ft. Bragg Longstreet Landfill

TestAmerica Job ID: 680-69677-1

Client Sample ID: SLMW-12AR-6-11

Lab Sample ID: 680-69677-1

Date Collected: 06/22/11 13:15

Matrix: Water

Date Received: 06/23/11 09:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			207090	06/26/11 15:55	RBS	TAL SAV
Total/NA	Analysis	8270D		1	208608	07/11/11 17:04	LH	TAL SAV
Total/NA	Prep	8151A			206919	06/24/11 08:27	CTR	TAL SAV
Total/NA	Analysis	8151A		1	207588	06/29/11 16:50	CAS	TAL SAV
Total/NA	Prep	3520C			207094	06/26/11 15:55	RBS	TAL SAV
Total/NA	Analysis	8141B		1	207849	06/30/11 07:01	WTE	TAL SAV
Total/NA	Analysis	8081B/8082A		1	208091	07/05/11 17:56	CAS	TAL SAV
Total/NA	Prep	7470A			206935	06/24/11 09:08		TAL SAV
Total/NA	Analysis	7470A		1	207044	06/24/11 15:39	JPH	TAL SAV
Total/NA	Prep	3030C			206834	06/23/11 14:33	RA	TAL SAV
Total/NA	Analysis	6020A		1	207672	06/30/11 07:31	BB	TAL SAV
Total/NA	Prep	9030B			207164	06/27/11 12:43	MSJ	TAL SAV
Total/NA	Analysis	9034		1	207211	06/27/11 15:21	MSJ	TAL SAV
Total/NA	Analysis	300.0		5	207212	06/24/11 04:53	CB	TAL SAV
Total/NA	Prep	9012B			207259	06/28/11 05:41	DAM	TAL SAV
Total/NA	Analysis	9012B		1	207443	06/29/11 09:53	DAM	TAL SAV

Laboratory References:
TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Serial Number 041041

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE: Ft Bragg Longstreet LF	PROJECT NO.	PROJECT LOCATION (STATE): NC	PAGE 1 OF 1
TAL (LAB) PROJECT MANAGER: Kathy Smith	P.O. NUMBER	CONTRACT NO.	STANDARD REPORT DELIVERY ◯ DATE DUE ____
CLIENT (SITE) PM: Kevin Haborak	CLIENT PHONE: 912-652-6083	CLIENT FAX: 912-652-5311	EXPEDITED REPORT DELIVERY (SURCHARGE) ◯ DATE DUE ____
CLIENT NAME: USACE	CLIENT E-MAIL: Kevin.Haborak@usace.army.mil		
CLIENT ADDRESS: 100 W Oglethorpe Ave, Savannah Ga 31402			NUMBER OF COOLERS SUBMITTED PER SHIPMENT:
COMPANY CONTRACTING THIS WORK (if applicable)			

MATRIX TYPE (COMPOSITE (C) OR GRAB (G) INDICATE): AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (OIL, SOLVENT, ...)

REQUIRED ANALYSIS / NUMBER OF CONTAINERS SUBMITTED / PRESERVATIVE

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G)	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	8081B/8082A, 8151A, 8410, 8270D, 3000 (ICE)	9034 (NaOH/NaOH)	9012B (NaOH)	6020 Appr II (HNO3)							REMARKS
6-22-11	1315	SLMW-12AR-G-11	G	X				9	2	1	1							
		~~SLMW-12BR-G-11~~ SHG	SHG	~~G~~	~~X~~													

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	6-22-11	1730						
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
Shipped by Fedex								

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]	6/23/11	0923	YES ◯ NO ◯		680-69677	5.8 °C

TAL 8210-680 (1008)

Certification Summary

Client: U.S. Army Corps of Engineers
Project/Site: Ft. Bragg Longstreet Landfill

TestAmerica Job ID: 680-69677-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Savannah	A2LA	DoD ELAP		0399-01
TestAmerica Savannah	A2LA	ISO/IEC 17025		399.01
TestAmerica Savannah	Alabama	State Program	4	41450
TestAmerica Savannah	Arkansas	Arkansas DOH	6	N/A
TestAmerica Savannah	Arkansas	State Program	6	88-0692
TestAmerica Savannah	California	NELAC	9	3217CA
TestAmerica Savannah	Colorado	State Program	8	N/A
TestAmerica Savannah	Connecticut	State Program	1	PH-0161
TestAmerica Savannah	Delaware	State Program	3	N/A
TestAmerica Savannah	Florida	NELAC	4	E87052
TestAmerica Savannah	Georgia	Georgia EPD	4	N/A
TestAmerica Savannah	Georgia	State Program	4	803
TestAmerica Savannah	Guam	State Program	9	09-005r
TestAmerica Savannah	Hawaii	State Program	9	N/A
TestAmerica Savannah	Illinois	NELAC	5	200022
TestAmerica Savannah	Indiana	State Program	5	N/A
TestAmerica Savannah	Iowa	State Program	7	353
TestAmerica Savannah	Kansas	NELAC	7	E-10322
TestAmerica Savannah	Kentucky	Kentucky UST	4	18
TestAmerica Savannah	Kentucky	State Program	4	90084
TestAmerica Savannah	Louisiana	NELAC	6	30690
TestAmerica Savannah	Louisiana	NELAC	6	LA100015
TestAmerica Savannah	Maine	State Program	1	GA00006
TestAmerica Savannah	Maryland	State Program	3	250
TestAmerica Savannah	Massachusetts	State Program	1	M-GA006
TestAmerica Savannah	Michigan	State Program	5	9925
TestAmerica Savannah	Mississippi	State Program	4	N/A
TestAmerica Savannah	Montana	State Program	8	CERT0081
TestAmerica Savannah	Nebraska	State Program	7	TestAmerica-Savannah
TestAmerica Savannah	Nevada	State Program	9	GA6
TestAmerica Savannah	New Jersey	NELAC	2	GA769
TestAmerica Savannah	New Mexico	State Program	6	N/A
TestAmerica Savannah	New York	NELAC	2	10842
TestAmerica Savannah	North Carolina	North Carolina DENR	4	269
TestAmerica Savannah	North Carolina	North Carolina PHL	4	13701
TestAmerica Savannah	Oklahoma	State Program	6	9984
TestAmerica Savannah	Pennsylvania	NELAC	3	68-00474
TestAmerica Savannah	Puerto Rico	State Program	2	GA00006
TestAmerica Savannah	Rhode Island	State Program	1	LAO00244
TestAmerica Savannah	South Carolina	State Program	4	98001
TestAmerica Savannah	Tennessee	State Program	4	TN02961
TestAmerica Savannah	Texas	NELAC	6	T104704185-08-TX
TestAmerica Savannah	USDA	USDA		SAV 3-04
TestAmerica Savannah	Vermont	State Program	1	87052
TestAmerica Savannah	Virginia	State Program	3	302
TestAmerica Savannah	Washington	State Program	10	C1794
TestAmerica Savannah	West Virginia	West Virginia DEP	3	94
TestAmerica Savannah	West Virginia	West Virginia DHHR (DW)	3	9950C
TestAmerica Savannah	Wisconsin	State Program	5	999819810
TestAmerica Savannah	Wyoming	State Program	8	8TMS-Q

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

TestAmerica Job ID: 680-69845-1
Client Project/Site: Ft. Bragg Longstreet Landfill

For:
U.S. Army Corps of Engineers
PO BOX 889
Savannah, Georgia 31402-0889

Attn: Mr. Kevin Haborak

Kathryn Smith

Authorized for release by:
07/21/2011 10:40:19 AM

Kathryn Smith
Project Manager I
kathye.smith@testamericainc.com

LINKS

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Results relate only to the items tested and the sample(s) as received by the laboratory. The test results in this report meet all 2003 NELAC requirements for accredited parameters, exceptions are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Job ID: 680-69845-1

Laboratory: TestAmerica Savannah

Narrative

Job Narrative
680-69845-1

Comments
TestAmerica Savannah received sample SLMW-1R-6-11 (680-69845-11) that was not listed on the chain of custody. Analytical tests were logged per the bottles.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
Method(s) 8260B: The method blank for batch 207678 contained Methylene Chloride above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

GC/MS Semi VOA
No analytical or quality issues were noted.

GC Semi VOA
Method(s) 8081B/8082A: Two surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: SLMW-7-6-11 (680-69845-1), SLMW-8-6-11 (680-69845-3), SLMW-9-6-11 (680-69845-5), SLSW-1-6-11 (680-69845-7), SLMW-BLANK-6-11 (680-69845-9), SLSW-2-6-11 (680-69845-8). These results have been reported and qualified.

Method(s) 8081B/8082A: Surrogate recovery for the following sample(s) was outside control limits: SLMW-7-6-11 (680-69845-1), SLMW-8-6-11 (680-69845-3), SLMW-9-6-11 (680-69845-5), SLSW-1-6-11 (680-69845-7), SLMW-BLANK-6-11 (680-69845-9), SLSW-2-6-11 (680-69845-8). Re-extraction and/or re-analysis was performed with concurring results. The original analysis has been reported.

Method(s) 8151A: The %RPD between the primary and confirmation column exceeded 40% for 2,4-Dichlorophenylacetic acid for the following sample(s): (LCS 680-207409/13-A), (MB 680-207409/12-A), SLMW-1R-6-11 (680-69845-11), SLMW-7-6-11 (680-69845-1), SLMW-8-6-11 (680-69845-3), SLMW-9-6-11 (680-69845-5), SLMW-BLANK-6-11 (680-69845-9), SLSW-1-6-11 (680-69845-7), SLSW-2-6-11 (680-69845-8). The lower values have been reported and qualified in accordance with the laboratory's SOP.

No other analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Sample Summary

Client: U.S. Army Corps of Engineers
Project/Site: Ft. Bragg Longstreet Landfill

TestAmerica Job ID: 680-69845-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-69845-1	SLMW-7-6-11	Water	06/25/11 10:25	06/28/11 10:00
680-69845-2	SLMW-7-6-11	Water	06/27/11 08:48	06/28/11 10:00
680-69845-3	SLMW-8-6-11	Water	06/25/11 14:25	06/28/11 10:00
680-69845-4	SLMW-8-6-11	Water	06/27/11 09:58	06/28/11 10:00
680-69845-5	SLMW-9-6-11	Water	06/25/11 14:54	06/28/11 10:00
680-69845-6	SLMW-9-6-11	Water	06/27/11 09:23	06/28/11 10:00
680-69845-7	SLSW-1-6-11	Water	06/27/11 09:50	06/28/11 10:00
680-69845-8	SLSW-2-6-11	Water	06/27/11 10:30	06/28/11 10:00
680-69845-9	SLMW-BLANK-6-11	Water	06/27/11 11:10	06/28/11 10:00
680-69845-10	TRIP BLANK	Water	06/27/11 00:00	06/28/11 10:00
680-69845-11	SLMW-1R-6-11	Water	06/25/11 07:45	06/28/11 10:00

Method Summary

Client: U.S. Army Corps of Engineers
Project/Site: Ft. Bragg Longstreet Landfill

TestAmerica Job ID: 680-69845-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL SAV
8081B/8082A	Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography	SW846	TAL SAV
8141B	Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique	SW846	TAL SAV
8151A	Herbicides (GC)	SW846	TAL SAV
6020A	Metals (ICP/MS)	SW846	TAL SAV
300.0	Anions, Ion Chromatography	MCAWW	TAL SAV
9012B	Cyanide, Total andor Amenable	SW846	TAL SAV
9034	Sulfide, Acid Soluble and Insoluble (Titrimetric)	SW846	TAL SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Blank contamination: The analyte was detected above one-half the reporting limit in an associated blank.
J	Estimated: The analyte was positively identified; the quantitation is an estimation
M	Manual integrated compound.
U	Undetected at the Limit of Detection.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Estimated: The analyte was positively identified; the quantitation is an estimation
J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
M	Manual integrated compound.
Q	One or more quality control criteria failed.
U	Undetected at the Limit of Detection.

GC Semi VOA

Qualifier	Qualifier Description
J	Estimated: The analyte was positively identified; the quantitation is an estimation
J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
M	Manual integrated compound.
U	Undetected at the Limit of Detection.

Metals

Qualifier	Qualifier Description
J	Estimated: The analyte was positively identified; the quantitation is an estimation
U	Undetected at the Limit of Detection.

General Chemistry

Qualifier	Qualifier Description
J	Estimated: The analyte was positively identified; the quantitation is an estimation
U	Undetected at the Limit of Detection.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

Client Sample ID: SLMW-7-6-11

Lab Sample ID: 680-69845-1

Date Collected: 06/25/11 10:25

Matrix: Water

Date Received: 06/28/11 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	10	U	40	10	ug/L			06/29/11 18:26	1
Acetone	**6.4**	**J**	25	5.0	ug/L			06/29/11 18:26	1
Benzene	**1.0**		1.0	0.25	ug/L			06/29/11 18:26	1
Dichlorobromomethane	0.25	U	1.0	0.25	ug/L			06/29/11 18:26	1
Bromomethane	0.80	U	1.0	0.80	ug/L			06/29/11 18:26	1
Carbon disulfide	0.60	U	2.0	0.60	ug/L			06/29/11 18:26	1
Chlorobenzene	**0.78**	**J**	1.0	0.25	ug/L			06/29/11 18:26	1
Chlorodibromomethane	0.10	U	1.0	0.10	ug/L			06/29/11 18:26	1
Chloroethane	**1.7**		1.0	1.0	ug/L			06/29/11 18:26	1
Chloromethane	0.33	U	1.0	0.33	ug/L			06/29/11 18:26	1
Chloroform	0.14	U	1.0	0.14	ug/L			06/29/11 18:26	1
3-Chloro-1-propene	0.20	U	1.0	0.20	ug/L			06/29/11 18:26	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			06/29/11 18:26	1
Ethylene Dibromide	0.25	U	1.0	0.25	ug/L			06/29/11 18:26	1
trans-1,4-Dichloro-2-butene	0.50	U	2.0	0.50	ug/L			06/29/11 18:26	1
Dichlorodifluoromethane	0.25	U	1.0	0.25	ug/L			06/29/11 18:26	1
1,1-Dichloroethane	0.25	U	1.0	0.25	ug/L			06/29/11 18:26	1
1,2-Dichloroethane	0.10	U	1.0	0.10	ug/L			06/29/11 18:26	1
trans-1,2-Dichloroethene	0.20	U	1.0	0.20	ug/L			06/29/11 18:26	1
1,1-Dichloroethene	0.11	U	1.0	0.11	ug/L			06/29/11 18:26	1
Methylene Chloride	**3.1**	**J B**	5.0	1.0	ug/L			06/29/11 18:26	1
1,2-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/29/11 18:26	1
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			06/29/11 18:26	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			06/29/11 18:26	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			06/29/11 18:26	1
2-Butanone (MEK)	1.0	U	10	1.0	ug/L			06/29/11 18:26	1
Iodomethane	1.0	U	5.0	1.0	ug/L			06/29/11 18:26	1
Methacrylonitrile	3.3	U	20	3.3	ug/L			06/29/11 18:26	1
4-Methyl-2-pentanone (MIBK)	1.0	U	10	1.0	ug/L			06/29/11 18:26	1
Styrene	0.11	U	1.0	0.11	ug/L			06/29/11 18:26	1
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			06/29/11 18:26	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			06/29/11 18:26	1
Tetrachloroethene	0.15	U	1.0	0.15	ug/L			06/29/11 18:26	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			06/29/11 18:26	1
Toluene	0.33	U	1.0	0.33	ug/L			06/29/11 18:26	1
Bromoform	0.50	U	1.0	0.50	ug/L			06/29/11 18:26	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			06/29/11 18:26	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			06/29/11 18:26	1
Trichloroethene	0.13	U	1.0	0.13	ug/L			06/29/11 18:26	1
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			06/29/11 18:26	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			06/29/11 18:26	1
Vinyl acetate	0.28	U	2.0	0.28	ug/L			06/29/11 18:26	1
Vinyl chloride	**0.58**	**J**	1.0	0.18	ug/L			06/29/11 18:26	1
Xylenes, Total	0.20	U	2.0	0.20	ug/L			06/29/11 18:26	1
2-Hexanone	1.0	U	10	1.0	ug/L			06/29/11 18:26	1
Propionitrile	4.6	U	20	4.6	ug/L			06/29/11 18:26	1
Methyl methacrylate	0.48	U	1.0	0.48	ug/L			06/29/11 18:26	1
Acrolein	7.4	U	20	7.4	ug/L			06/29/11 18:26	1
Acrylonitrile	7.2	U	20	7.2	ug/L			06/29/11 18:26	1
Ethyl methacrylate	0.25	U	1.0	0.25	ug/L			06/29/11 18:26	1

Client Sample ID: SLMW-7-6-11

Lab Sample ID: 680-69845-1

Date Collected: 06/25/11 10:25

Matrix: Water

Date Received: 06/28/11 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isobutyl alcohol	11	U	40	11	ug/L			06/29/11 18:26	1
Chlorobromomethane	0.14	U	1.0	0.14	ug/L			06/29/11 18:26	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			06/29/11 18:26	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/29/11 18:26	1
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			06/29/11 18:26	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			06/29/11 18:26	1
2-Chloro-1,3-butadiene	0.30	U	1.0	0.30	ug/L			06/29/11 18:26	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			06/29/11 18:26	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 18:26	1
1,4-Dichlorobenzene	0.28	U	1.0	0.28	ug/L			06/29/11 18:26	1
1,2,4-Trichlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 18:26	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			06/29/11 18:26	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*108*		*70 - 130*		*06/29/11 18:26*	*1*
4-Bromofluorobenzene	*93*		*70 - 130*		*06/29/11 18:26*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*06/29/11 18:26*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.76	U	10	0.76	ug/L		06/29/11 14:40	07/13/11 22:32	1
Acenaphthylene	0.85	U	10	0.85	ug/L		06/29/11 14:40	07/13/11 22:32	1
Acetophenone	0.57	U	10	0.57	ug/L		06/29/11 14:40	07/13/11 22:32	1
2-Acetylaminofluorene	1.6	U	10	1.6	ug/L		06/29/11 14:40	07/13/11 22:32	1
4-Aminobiphenyl	1.2	U	10	1.2	ug/L		06/29/11 14:40	07/13/11 22:32	1
Anthracene	0.69	U	10	0.69	ug/L		06/29/11 14:40	07/13/11 22:32	1
Benzo[a]anthracene	0.55	U	10	0.55	ug/L		06/29/11 14:40	07/13/11 22:32	1
Benzo[a]pyrene	0.71	U	10	0.71	ug/L		06/29/11 14:40	07/13/11 22:32	1
Benzo[b]fluoranthene	2.6	U	10	2.6	ug/L		06/29/11 14:40	07/13/11 22:32	1
Benzo[g,h,i]perylene	0.87	U	10	0.87	ug/L		06/29/11 14:40	07/13/11 22:32	1
Benzo[k]fluoranthene	1.2	U	10	1.2	ug/L		06/29/11 14:40	07/13/11 22:32	1
Benzyl alcohol	1.1	U	10	1.1	ug/L		06/29/11 14:40	07/13/11 22:32	1
1,1'-Biphenyl	0.58	U	10	0.58	ug/L		06/29/11 14:40	07/13/11 22:32	1
Bis(2-chloroethoxy)methane	0.94	U	10	0.94	ug/L		06/29/11 14:40	07/13/11 22:32	1
Bis(2-chloroethyl)ether	1.1	U	10	1.1	ug/L		06/29/11 14:40	07/13/11 22:32	1
bis(chloroisopropyl) ether	0.78	U	10	0.78	ug/L		06/29/11 14:40	07/13/11 22:32	1
Bis(2-ethylhexyl) phthalate	1.6	U	10	1.6	ug/L		06/29/11 14:40	07/13/11 22:32	1
4-Bromophenyl phenyl ether	0.77	U	10	0.77	ug/L		06/29/11 14:40	07/13/11 22:32	1
Butyl benzyl phthalate	1.2	U	10	1.2	ug/L		06/29/11 14:40	07/13/11 22:32	1
4-Chloroaniline	2.2	U	20	2.2	ug/L		06/29/11 14:40	07/13/11 22:32	1
4-Chloro-3-methylphenol	1.0	U	10	1.0	ug/L		06/29/11 14:40	07/13/11 22:32	1
2-Chloronaphthalene	0.80	U	10	0.80	ug/L		06/29/11 14:40	07/13/11 22:32	1
2-Chlorophenol	0.87	U	10	0.87	ug/L		06/29/11 14:40	07/13/11 22:32	1
4-Chlorophenyl phenyl ether	0.84	U	10	0.84	ug/L		06/29/11 14:40	07/13/11 22:32	1
Chrysene	0.51	U	10	0.51	ug/L		06/29/11 14:40	07/13/11 22:32	1
Diallate	0.78	U	10	0.78	ug/L		06/29/11 14:40	07/13/11 22:32	1
Dibenz(a,h)anthracene	1.0	U	10	1.0	ug/L		06/29/11 14:40	07/13/11 22:32	1
Dibenzofuran	0.79	U	10	0.79	ug/L		06/29/11 14:40	07/13/11 22:32	1
3,3'-Dichlorobenzidine	30	U	60	30	ug/L		06/29/11 14:40	07/13/11 22:32	1
2,4-Dichlorophenol	1.1	U	10	1.1	ug/L		06/29/11 14:40	07/13/11 22:32	1

Client Sample ID: SLMW-7-6-11

Lab Sample ID: 680-69845-1

Date Collected: 06/25/11 10:25

Matrix: Water

Date Received: 06/28/11 10:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dichlorophenol	0.73	U	10	0.73	ug/L		06/29/11 14:40	07/13/11 22:32	1
Diethyl phthalate	0.88	U	10	0.88	ug/L		06/29/11 14:40	07/13/11 22:32	1
Dimethoate	0.75	U	10	0.75	ug/L		06/29/11 14:40	07/13/11 22:32	1
7,12-Dimethylbenz(a)anthracene	1.2	U	10	1.2	ug/L		06/29/11 14:40	07/13/11 22:32	1
3,3'-Dimethylbenzidine	10	U	20	10	ug/L		06/29/11 14:40	07/13/11 22:32	1
2,4-Dimethylphenol	4.0	U	10	4.0	ug/L		06/29/11 14:40	07/13/11 22:32	1
Dimethyl phthalate	0.99	U	10	0.99	ug/L		06/29/11 14:40	07/13/11 22:32	1
Di-n-butyl phthalate	0.83	U	10	0.83	ug/L		06/29/11 14:40	07/13/11 22:32	1
1,3-Dinitrobenzene	0.60	U	10	0.60	ug/L		06/29/11 14:40	07/13/11 22:32	1
4,6-Dinitro-2-methylphenol	10	U	50	10	ug/L		06/29/11 14:40	07/13/11 22:32	1
2,4-Dinitrophenol	10	U	50	10	ug/L		06/29/11 14:40	07/13/11 22:32	1
2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L		06/29/11 14:40	07/13/11 22:32	1
2,6-Dinitrotoluene	1.1	U	10	1.1	ug/L		06/29/11 14:40	07/13/11 22:32	1
Di-n-octyl phthalate	1.4	U	10	1.4	ug/L		06/29/11 14:40	07/13/11 22:32	1
Dinoseb	5.0	U	10	5.0	ug/L		06/29/11 14:40	07/13/11 22:32	1
1,4-Dioxane	3.4	U	10	3.4	ug/L		06/29/11 14:40	07/13/11 22:32	1
Disulfoton	0.79	U	10	0.79	ug/L		06/29/11 14:40	07/13/11 22:32	1
Ethyl methanesulfonate	0.96	U	10	0.96	ug/L		06/29/11 14:40	07/13/11 22:32	1
Ethyl Parathion	1.3	U	10	1.3	ug/L		06/29/11 14:40	07/13/11 22:32	1
Famphur	1.1	U Q	10	1.1	ug/L		06/29/11 14:40	07/13/11 22:32	1
Fluoranthene	0.74	U	10	0.74	ug/L		06/29/11 14:40	07/13/11 22:32	1
Fluorene	0.96	U	10	0.96	ug/L		06/29/11 14:40	07/13/11 22:32	1
Hexachlorobenzene	0.79	U	10	0.79	ug/L		06/29/11 14:40	07/13/11 22:32	1
Hexachlorobutadiene	0.62	U	10	0.62	ug/L		06/29/11 14:40	07/13/11 22:32	1
Hexachlorocyclopentadiene	2.5	U	10	2.5	ug/L		06/29/11 14:40	07/13/11 22:32	1
Hexachloroethane	0.76	U	10	0.76	ug/L		06/29/11 14:40	07/13/11 22:32	1
Hexachloropropene	1.4	U	10	1.4	ug/L		06/29/11 14:40	07/13/11 22:32	1
Indeno[1,2,3-cd]pyrene	1.0	U	10	1.0	ug/L		06/29/11 14:40	07/13/11 22:32	1
Isophorone	0.90	U	10	0.90	ug/L		06/29/11 14:40	07/13/11 22:32	1
Isosafrole	0.50	U	10	0.50	ug/L		06/29/11 14:40	07/13/11 22:32	1
Methapyrilene	2.7	U	2000	2.7	ug/L		06/29/11 14:40	07/13/11 22:32	1
3-Methylcholanthrene	1.4	U	10	1.4	ug/L		06/29/11 14:40	07/13/11 22:32	1
Methyl methanesulfonate	0.60	U	10	0.60	ug/L		06/29/11 14:40	07/13/11 22:32	1
2-Methylnaphthalene	0.78	U	10	0.78	ug/L		06/29/11 14:40	07/13/11 22:32	1
Methyl parathion	0.88	U	10	0.88	ug/L		06/29/11 14:40	07/13/11 22:32	1
2-Methylphenol	0.89	U	10	0.89	ug/L		06/29/11 14:40	07/13/11 22:32	1
3 & 4 Methylphenol	1.3	U	10	1.3	ug/L		06/29/11 14:40	07/13/11 22:32	1
Naphthalene	0.70	U	10	0.70	ug/L		06/29/11 14:40	07/13/11 22:32	1
1,4-Naphthoquinone	0.62	U	10	0.62	ug/L		06/29/11 14:40	07/13/11 22:32	1
1-Naphthylamine	1.1	U	10	1.1	ug/L		06/29/11 14:40	07/13/11 22:32	1
2-Naphthylamine	1.5	U	10	1.5	ug/L		06/29/11 14:40	07/13/11 22:32	1
2-Nitroaniline	1.3	U	50	1.3	ug/L		06/29/11 14:40	07/13/11 22:32	1
3-Nitroaniline	5.0	U	50	5.0	ug/L		06/29/11 14:40	07/13/11 22:32	1
4-Nitroaniline	5.0	U	50	5.0	ug/L		06/29/11 14:40	07/13/11 22:32	1
Nitrobenzene	0.73	U	10	0.73	ug/L		06/29/11 14:40	07/13/11 22:32	1
2-Nitrophenol	0.76	U	10	0.76	ug/L		06/29/11 14:40	07/13/11 22:32	1
4-Nitrophenol	1.9	U	50	1.9	ug/L		06/29/11 14:40	07/13/11 22:32	1
N-Nitro-o-toluidine	1.5	U	10	1.5	ug/L		06/29/11 14:40	07/13/11 22:32	1
N-Nitrosodiethylamine	0.93	U	10	0.93	ug/L		06/29/11 14:40	07/13/11 22:32	1
N-Nitrosodimethylamine	2.8	U	10	2.8	ug/L		06/29/11 14:40	07/13/11 22:32	1

Client Sample ID: SLMW-7-6-11

Date Collected: 06/25/11 10:25
Date Received: 06/28/11 10:00

Lab Sample ID: 680-69845-1

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-butylamine	0.96	U	10	0.96	ug/L		06/29/11 14:40	07/13/11 22:32	1
N-Nitrosodi-n-propylamine	0.72	U	10	0.72	ug/L		06/29/11 14:40	07/13/11 22:32	1
N-Nitrosodiphenylamine	0.92	U	10	0.92	ug/L		06/29/11 14:40	07/13/11 22:32	1
N-Nitrosomethylethylamine	3.3	U	10	3.3	ug/L		06/29/11 14:40	07/13/11 22:32	1
N-Nitrosopiperidine	0.88	U	10	0.88	ug/L		06/29/11 14:40	07/13/11 22:32	1
N-Nitrosopyrrolidine	1.0	U	10	1.0	ug/L		06/29/11 14:40	07/13/11 22:32	1
o,o',o"-Triethylphosphorothioate	1.0	U	10	1.0	ug/L		06/29/11 14:40	07/13/11 22:32	1
p-Dimethylamino azobenzene	0.79	U	10	0.79	ug/L		06/29/11 14:40	07/13/11 22:32	1
Pentachlorobenzene	0.52	U	10	0.52	ug/L		06/29/11 14:40	07/13/11 22:32	1
Pentachloronitrobenzene	0.78	U	10	0.78	ug/L		06/29/11 14:40	07/13/11 22:32	1
Pentachlorophenol	2.0	U	50	2.0	ug/L		06/29/11 14:40	07/13/11 22:32	1
Phenacetin	1.4	U	10	1.4	ug/L		06/29/11 14:40	07/13/11 22:32	1
Phenanthrene	0.77	U	10	0.77	ug/L		06/29/11 14:40	07/13/11 22:32	1
Phenol	0.83	U	10	0.83	ug/L		06/29/11 14:40	07/13/11 22:32	1
Phorate	0.87	U	10	0.87	ug/L		06/29/11 14:40	07/13/11 22:32	1
p-Phenylene diamine	10	U	2000	10	ug/L		06/29/11 14:40	07/13/11 22:32	1
Pronamide	0.89	U	10	0.89	ug/L		06/29/11 14:40	07/13/11 22:32	1
Pyrene	0.63	U	10	0.63	ug/L		06/29/11 14:40	07/13/11 22:32	1
Safrole, Total	0.80	U	10	0.80	ug/L		06/29/11 14:40	07/13/11 22:32	1
Sulfotepp	0.53	U	10	0.53	ug/L		06/29/11 14:40	07/13/11 22:32	1
1,2,4,5-Tetrachlorobenzene	0.76	U	10	0.76	ug/L		06/29/11 14:40	07/13/11 22:32	1
2,3,4,6-Tetrachlorophenol	0.72	U	10	0.72	ug/L		06/29/11 14:40	07/13/11 22:32	1
Thionazin	0.91	U	10	0.91	ug/L		06/29/11 14:40	07/13/11 22:32	1
2-Toluidine	1.4	U	10	1.4	ug/L		06/29/11 14:40	07/13/11 22:32	1
2,4,5-Trichlorophenol	1.2	U	10	1.2	ug/L		06/29/11 14:40	07/13/11 22:32	1
2,4,6-Trichlorophenol	0.85	U	10	0.85	ug/L		06/29/11 14:40	07/13/11 22:32	1
1,3,5-Trinitrobenzene	2.0	U	10	2.0	ug/L		06/29/11 14:40	07/13/11 22:32	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*82*		*38 - 130*	*06/29/11 14:40*	*07/13/11 22:32*	*1*
2-Fluorophenol	*72*		*25 - 130*	*06/29/11 14:40*	*07/13/11 22:32*	*1*
Nitrobenzene-d5	*76*		*39 - 130*	*06/29/11 14:40*	*07/13/11 22:32*	*1*
Phenol-d5	*71*		*25 - 130*	*06/29/11 14:40*	*07/13/11 22:32*	*1*
Terphenyl-d14	*67*		*10 - 143*	*06/29/11 14:40*	*07/13/11 22:32*	*1*
2,4,6-Tribromophenol	*86*		*31 - 141*	*06/29/11 14:40*	*07/13/11 22:32*	*1*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0065	U	0.10	0.0065	ug/L		06/29/11 14:40	07/05/11 22:56	1
4,4'-DDE	0.0077	U	0.10	0.0077	ug/L		06/29/11 14:40	07/05/11 22:56	1
4,4'-DDT	0.0097	U	0.10	0.0097	ug/L		06/29/11 14:40	07/05/11 22:56	1
Aldrin	0.0070	U	0.050	0.0070	ug/L		06/29/11 14:40	07/05/11 22:56	1
alpha-BHC	0.0057	U	0.050	0.0057	ug/L		06/29/11 14:40	07/05/11 22:56	1
beta-BHC	0.0067	U	0.050	0.0067	ug/L		06/29/11 14:40	07/05/11 22:56	1
Chlordane (technical)	0.10	U	0.50	0.10	ug/L		06/29/11 14:40	07/05/11 22:56	1
Chlorobenzilate	0.50	U	0.50	0.50	ug/L		06/29/11 14:40	07/05/11 22:56	1
delta-BHC	0.0048	U	0.050	0.0048	ug/L		06/29/11 14:40	07/05/11 22:56	1
Dieldrin	0.0091	U	0.10	0.0091	ug/L		06/29/11 14:40	07/05/11 22:56	1
Endosulfan I	0.0042	U	0.050	0.0042	ug/L		06/29/11 14:40	07/05/11 22:56	1
Endosulfan II	0.0098	U	0.10	0.0098	ug/L		06/29/11 14:40	07/05/11 22:56	1

Client Sample ID: SLMW-7-6-11

Lab Sample ID: 680-69845-1

Date Collected: 06/25/11 10:25

Matrix: Water

Date Received: 06/28/11 10:00

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan sulfate	0.0068	U	0.10	0.0068	ug/L		06/29/11 14:40	07/05/11 22:56	1
Endrin	0.0097	U	0.10	0.0097	ug/L		06/29/11 14:40	07/05/11 22:56	1
Endrin aldehyde	0.016	U	0.10	0.016	ug/L		06/29/11 14:40	07/05/11 22:56	1
gamma-BHC (Lindane)	0.0059	U	0.050	0.0059	ug/L		06/29/11 14:40	07/05/11 22:56	1
Heptachlor	0.0070	U	0.050	0.0070	ug/L		06/29/11 14:40	07/05/11 22:56	1
Heptachlor epoxide	0.0060	U	0.050	0.0060	ug/L		06/29/11 14:40	07/05/11 22:56	1
Isodrin	0.050	U	0.050	0.050	ug/L		06/29/11 14:40	07/05/11 22:56	1
Methoxychlor	0.013	U	0.10	0.013	ug/L		06/29/11 14:40	07/05/11 22:56	1
PCB-1016	0.071	U	1.0	0.071	ug/L		06/29/11 14:40	07/05/11 22:56	1
PCB-1221	0.28	U	2.0	0.28	ug/L		06/29/11 14:40	07/05/11 22:56	1
PCB-1232	0.11	U	1.0	0.11	ug/L		06/29/11 14:40	07/05/11 22:56	1
PCB-1242	0.18	U	1.0	0.18	ug/L		06/29/11 14:40	07/05/11 22:56	1
PCB-1248	0.36	U	1.0	0.36	ug/L		06/29/11 14:40	07/05/11 22:56	1
PCB-1254	0.26	U	1.0	0.26	ug/L		06/29/11 14:40	07/05/11 22:56	1
PCB-1260	0.20	U	1.0	0.20	ug/L		06/29/11 14:40	07/05/11 22:56	1
PCB-1262	0.24	U	1.0	0.24	ug/L		06/29/11 14:40	07/05/11 22:56	1
Toxaphene	0.50	U	5.0	0.50	ug/L		06/29/11 14:40	07/05/11 22:56	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*35*	*M J*	*40 - 130*	*06/29/11 14:40*	*07/05/11 22:56*	*1*
Tetrachloro-m-xylene	*52*	*J*	*36 - 130*	*06/29/11 14:40*	*07/05/11 22:56*	*1*

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethoate	1.0	U	2.0	1.0	ug/L		06/29/11 14:40	07/03/11 01:16	1
Disulfoton	1.0	U	2.0	1.0	ug/L		06/29/11 14:40	07/03/11 01:16	1
Ethyl Parathion	0.50	U	1.0	0.50	ug/L		06/29/11 14:40	07/03/11 01:16	1
Famphur	1.0	U	2.0	1.0	ug/L		06/29/11 14:40	07/03/11 01:16	1
Methyl parathion	0.50	U	0.50	0.50	ug/L		06/29/11 14:40	07/03/11 01:16	1
Phorate	0.50	U	1.0	0.50	ug/L		06/29/11 14:40	07/03/11 01:16	1
Sulfotepp	0.50	U	0.50	0.50	ug/L		06/29/11 14:40	07/03/11 01:16	1
Thionazin	0.50	U	1.0	0.50	ug/L		06/29/11 14:40	07/03/11 01:16	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*93*		*67 - 130*	*06/29/11 14:40*	*07/03/11 01:16*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.038	U	0.51	0.038	ug/L		06/29/11 07:58	07/01/11 01:45	1
2,4-DB	0.15	U	0.51	0.15	ug/L		06/29/11 07:58	07/01/11 01:45	1
2,4,5-T	0.063	U	0.51	0.063	ug/L		06/29/11 07:58	07/01/11 01:45	1
Silvex (2,4,5-TP)	0.063	U	0.51	0.063	ug/L		06/29/11 07:58	07/01/11 01:45	1
Dalapon	0.10	U	10	0.10	ug/L		06/29/11 07:58	07/01/11 01:45	1
Dicamba	0.087	U	0.51	0.087	ug/L		06/29/11 07:58	07/01/11 01:45	1
Dichlorprop	0.15	U	0.51	0.15	ug/L		06/29/11 07:58	07/01/11 01:45	1
Dinoseb	0.16	U	6.1	0.16	ug/L		06/29/11 07:58	07/01/11 01:45	1
MCPA	17	U	120	17	ug/L		06/29/11 07:58	07/01/11 01:45	1
Mecoprop	19	U	120	19	ug/L		06/29/11 07:58	07/01/11 01:45	1
Pentachlorophenol	0.038	U	0.25	0.038	ug/L		06/29/11 07:58	07/01/11 01:45	1

Client Sample ID: SLMW-7-6-11

Lab Sample ID: 680-69845-1

Date Collected: 06/25/11 10:25
Matrix: Water
Date Received: 06/28/11 10:00

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*86*	*J*	*52 - 151*	*06/29/11 07:58*	*07/01/11 01:45*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	**0.0088**	**J**	0.010	0.0050	mg/L		06/30/11 06:00	06/30/11 11:44	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	10	U	10	10	mg/L		06/29/11 10:30	06/29/11 14:33	1

Client Sample ID: SLMW-7-6-11

Lab Sample ID: 680-69845-2

Date Collected: 06/27/11 08:48
Matrix: Water
Date Received: 06/28/11 10:00

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.99	U	2.0	0.99	ug/L		06/28/11 14:32	07/10/11 00:31	1
Arsenic	**4.0**		1.0	0.40	ug/L		06/28/11 14:32	07/08/11 16:40	1
Barium	**64**		1.0	0.15	ug/L		06/28/11 14:32	07/08/11 16:40	1
Beryllium	0.070	U	0.20	0.070	ug/L		06/28/11 14:32	07/08/11 16:40	1
Cadmium	0.20	U	0.50	0.20	ug/L		06/28/11 14:32	07/08/11 16:40	1
Chromium	**1.6**		1.0	0.16	ug/L		06/28/11 14:32	07/08/11 16:40	1
Cobalt	**0.62**		0.20	0.078	ug/L		06/28/11 14:32	07/08/11 16:40	1
Copper	**1.1**		1.0	0.21	ug/L		06/28/11 14:32	07/08/11 16:40	1
Lead	**0.15**	**J**	0.30	0.080	ug/L		06/28/11 14:32	07/08/11 16:40	1
Nickel	**2.3**		1.0	0.40	ug/L		06/28/11 14:32	07/08/11 16:40	1
Selenium	**2.5**		0.50	0.21	ug/L		06/28/11 14:32	07/08/11 16:40	1
Silver	0.10	U	0.20	0.10	ug/L		06/28/11 14:32	07/08/11 16:40	1
Thallium	0.10	U	0.20	0.10	ug/L		06/28/11 14:32	07/08/11 16:40	1
Tin	0.40	U	1.0	0.40	ug/L		06/28/11 14:32	07/10/11 00:31	1
Vanadium	**2.1**	**J**	5.0	1.4	ug/L		06/28/11 14:32	07/08/11 16:40	1
Zinc	**8.8**	**J**	10	2.6	ug/L		06/28/11 14:32	07/08/11 16:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.15	U	0.50	0.15	mg/L			06/28/11 21:49	10

Client Sample ID: SLMW-8-6-11

Lab Sample ID: 680-69845-3

Date Collected: 06/25/11 14:25
Matrix: Water
Date Received: 06/28/11 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	10	U	40	10	ug/L			06/29/11 18:55	1
Acetone	**16**	**J**	25	5.0	ug/L			06/29/11 18:55	1
Benzene	**3.5**		1.0	0.25	ug/L			06/29/11 18:55	1
Dichlorobromomethane	0.25	U	1.0	0.25	ug/L			06/29/11 18:55	1
Bromomethane	0.80	U	1.0	0.80	ug/L			06/29/11 18:55	1
Carbon disulfide	0.60	U	2.0	0.60	ug/L			06/29/11 18:55	1
Chlorobenzene	**3.9**		1.0	0.25	ug/L			06/29/11 18:55	1

Client Sample ID: SLMW-8-6-11

Lab Sample ID: 680-69845-3

Date Collected: 06/25/11 14:25

Matrix: Water

Date Received: 06/28/11 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	0.10	U	1.0	0.10	ug/L			06/29/11 18:55	1
Chloroethane	1.0	U	1.0	1.0	ug/L			06/29/11 18:55	1
Chloromethane	0.33	U	1.0	0.33	ug/L			06/29/11 18:55	1
Chloroform	0.14	U	1.0	0.14	ug/L			06/29/11 18:55	1
3-Chloro-1-propene	0.20	U	1.0	0.20	ug/L			06/29/11 18:55	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			06/29/11 18:55	1
Ethylene Dibromide	0.25	U	1.0	0.25	ug/L			06/29/11 18:55	1
trans-1,4-Dichloro-2-butene	0.50	U	2.0	0.50	ug/L			06/29/11 18:55	1
Dichlorodifluoromethane	0.25	U	1.0	0.25	ug/L			06/29/11 18:55	1
1,1-Dichloroethane	**3.1**		1.0	0.25	ug/L			06/29/11 18:55	1
1,2-Dichloroethane	0.10	U	1.0	0.10	ug/L			06/29/11 18:55	1
trans-1,2-Dichloroethene	**0.35**	**J**	1.0	0.20	ug/L			06/29/11 18:55	1
1,1-Dichloroethene	**0.15**	**J**	1.0	0.11	ug/L			06/29/11 18:55	1
Methylene Chloride	**3.5**	**J B**	5.0	1.0	ug/L			06/29/11 18:55	1
1,2-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/29/11 18:55	1
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			06/29/11 18:55	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			06/29/11 18:55	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			06/29/11 18:55	1
2-Butanone (MEK)	1.0	U	10	1.0	ug/L			06/29/11 18:55	1
Iodomethane	1.0	U	5.0	1.0	ug/L			06/29/11 18:55	1
Methacrylonitrile	3.3	U	20	3.3	ug/L			06/29/11 18:55	1
4-Methyl-2-pentanone (MIBK)	1.0	U	10	1.0	ug/L			06/29/11 18:55	1
Styrene	0.11	U	1.0	0.11	ug/L			06/29/11 18:55	1
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			06/29/11 18:55	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			06/29/11 18:55	1
Tetrachloroethene	0.15	U	1.0	0.15	ug/L			06/29/11 18:55	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			06/29/11 18:55	1
Toluene	**0.71**	**J**	1.0	0.33	ug/L			06/29/11 18:55	1
Bromoform	0.50	U	1.0	0.50	ug/L			06/29/11 18:55	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			06/29/11 18:55	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			06/29/11 18:55	1
Trichloroethene	**2.6**		1.0	0.13	ug/L			06/29/11 18:55	1
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			06/29/11 18:55	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			06/29/11 18:55	1
Vinyl acetate	0.28	U	2.0	0.28	ug/L			06/29/11 18:55	1
Vinyl chloride	**17**		1.0	0.18	ug/L			06/29/11 18:55	1
Xylenes, Total	0.20	U	2.0	0.20	ug/L			06/29/11 18:55	1
2-Hexanone	1.0	U	10	1.0	ug/L			06/29/11 18:55	1
Propionitrile	4.6	U	20	4.6	ug/L			06/29/11 18:55	1
Methyl methacrylate	0.48	U	1.0	0.48	ug/L			06/29/11 18:55	1
Acrolein	7.4	U	20	7.4	ug/L			06/29/11 18:55	1
Acrylonitrile	7.2	U	20	7.2	ug/L			06/29/11 18:55	1
Ethyl methacrylate	0.25	U	1.0	0.25	ug/L			06/29/11 18:55	1
Isobutyl alcohol	11	U	40	11	ug/L			06/29/11 18:55	1
Chlorobromomethane	0.14	U	1.0	0.14	ug/L			06/29/11 18:55	1
cis-1,2-Dichloroethene	**83**		1.0	0.15	ug/L			06/29/11 18:55	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/29/11 18:55	1
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			06/29/11 18:55	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			06/29/11 18:55	1
2-Chloro-1,3-butadiene	0.30	U	1.0	0.30	ug/L			06/29/11 18:55	1

Client Sample ID: SLMW-8-6-11

Lab Sample ID: 680-69845-3

Date Collected: 06/25/11 14:25

Matrix: Water

Date Received: 06/28/11 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			06/29/11 18:55	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 18:55	1
1,4-Dichlorobenzene	**0.52**	**J**	1.0	0.28	ug/L			06/29/11 18:55	1
1,2,4-Trichlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 18:55	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			06/29/11 18:55	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*105*		*70 - 130*		*06/29/11 18:55*	*1*
4-Bromofluorobenzene	*93*		*70 - 130*		*06/29/11 18:55*	*1*
Dibromofluoromethane	*112*		*70 - 130*		*06/29/11 18:55*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.73	U	9.6	0.73	ug/L		06/29/11 14:40	07/13/11 23:02	1
Acenaphthylene	0.81	U	9.6	0.81	ug/L		06/29/11 14:40	07/13/11 23:02	1
Acetophenone	0.55	U	9.6	0.55	ug/L		06/29/11 14:40	07/13/11 23:02	1
2-Acetylaminofluorene	1.5	U	9.6	1.5	ug/L		06/29/11 14:40	07/13/11 23:02	1
4-Aminobiphenyl	1.1	U	9.6	1.1	ug/L		06/29/11 14:40	07/13/11 23:02	1
Anthracene	0.66	U	9.6	0.66	ug/L		06/29/11 14:40	07/13/11 23:02	1
Benzo[a]anthracene	0.53	U	9.6	0.53	ug/L		06/29/11 14:40	07/13/11 23:02	1
Benzo[a]pyrene	0.68	U	9.6	0.68	ug/L		06/29/11 14:40	07/13/11 23:02	1
Benzo[b]fluoranthene	2.5	U	9.6	2.5	ug/L		06/29/11 14:40	07/13/11 23:02	1
Benzo[g,h,i]perylene	0.83	U	9.6	0.83	ug/L		06/29/11 14:40	07/13/11 23:02	1
Benzo[k]fluoranthene	1.1	U	9.6	1.1	ug/L		06/29/11 14:40	07/13/11 23:02	1
Benzyl alcohol	1.1	U	9.6	1.1	ug/L		06/29/11 14:40	07/13/11 23:02	1
1,1'-Biphenyl	0.56	U	9.6	0.56	ug/L		06/29/11 14:40	07/13/11 23:02	1
Bis(2-chloroethoxy)methane	0.90	U	9.6	0.90	ug/L		06/29/11 14:40	07/13/11 23:02	1
Bis(2-chloroethyl)ether	1.1	U	9.6	1.1	ug/L		06/29/11 14:40	07/13/11 23:02	1
bis(chloroisopropyl) ether	0.75	U	9.6	0.75	ug/L		06/29/11 14:40	07/13/11 23:02	1
Bis(2-ethylhexyl) phthalate	1.5	U	9.6	1.5	ug/L		06/29/11 14:40	07/13/11 23:02	1
4-Bromophenyl phenyl ether	0.74	U	9.6	0.74	ug/L		06/29/11 14:40	07/13/11 23:02	1
Butyl benzyl phthalate	1.1	U	9.6	1.1	ug/L		06/29/11 14:40	07/13/11 23:02	1
4-Chloroaniline	2.1	U	19	2.1	ug/L		06/29/11 14:40	07/13/11 23:02	1
4-Chloro-3-methylphenol	0.96	U	9.6	0.96	ug/L		06/29/11 14:40	07/13/11 23:02	1
2-Chloronaphthalene	0.77	U	9.6	0.77	ug/L		06/29/11 14:40	07/13/11 23:02	1
2-Chlorophenol	0.83	U	9.6	0.83	ug/L		06/29/11 14:40	07/13/11 23:02	1
4-Chlorophenyl phenyl ether	0.80	U	9.6	0.80	ug/L		06/29/11 14:40	07/13/11 23:02	1
Chrysene	0.49	U	9.6	0.49	ug/L		06/29/11 14:40	07/13/11 23:02	1
Diallate	0.75	U	9.6	0.75	ug/L		06/29/11 14:40	07/13/11 23:02	1
Dibenz(a,h)anthracene	0.96	U	9.6	0.96	ug/L		06/29/11 14:40	07/13/11 23:02	1
Dibenzofuran	0.76	U	9.6	0.76	ug/L		06/29/11 14:40	07/13/11 23:02	1
3,3'-Dichlorobenzidine	29	U	57	29	ug/L		06/29/11 14:40	07/13/11 23:02	1
2,4-Dichlorophenol	1.1	U	9.6	1.1	ug/L		06/29/11 14:40	07/13/11 23:02	1
2,6-Dichlorophenol	0.70	U	9.6	0.70	ug/L		06/29/11 14:40	07/13/11 23:02	1
Diethyl phthalate	0.84	U	9.6	0.84	ug/L		06/29/11 14:40	07/13/11 23:02	1
Dimethoate	0.72	U	9.6	0.72	ug/L		06/29/11 14:40	07/13/11 23:02	1
7,12-Dimethylbenz(a)anthracene	1.1	U	9.6	1.1	ug/L		06/29/11 14:40	07/13/11 23:02	1
3,3'-Dimethylbenzidine	9.6	U	19	9.6	ug/L		06/29/11 14:40	07/13/11 23:02	1
2,4-Dimethylphenol	3.8	U	9.6	3.8	ug/L		06/29/11 14:40	07/13/11 23:02	1
Dimethyl phthalate	0.95	U	9.6	0.95	ug/L		06/29/11 14:40	07/13/11 23:02	1

Client Sample ID: SLMW-8-6-11

Lab Sample ID: 680-69845-3

Date Collected: 06/25/11 14:25

Matrix: Water

Date Received: 06/28/11 10:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	0.79	U	9.6	0.79	ug/L		06/29/11 14:40	07/13/11 23:02	1
1,3-Dinitrobenzene	0.57	U	9.6	0.57	ug/L		06/29/11 14:40	07/13/11 23:02	1
4,6-Dinitro-2-methylphenol	9.6	U	48	9.6	ug/L		06/29/11 14:40	07/13/11 23:02	1
2,4-Dinitrophenol	9.6	U	48	9.6	ug/L		06/29/11 14:40	07/13/11 23:02	1
2,4-Dinitrotoluene	1.1	U	9.6	1.1	ug/L		06/29/11 14:40	07/13/11 23:02	1
2,6-Dinitrotoluene	1.1	U	9.6	1.1	ug/L		06/29/11 14:40	07/13/11 23:02	1
Di-n-octyl phthalate	1.3	U	9.6	1.3	ug/L		06/29/11 14:40	07/13/11 23:02	1
Dinoseb	4.8	U	9.6	4.8	ug/L		06/29/11 14:40	07/13/11 23:02	1
1,4-Dioxane	3.3	U	9.6	3.3	ug/L		06/29/11 14:40	07/13/11 23:02	1
Disulfoton	0.76	U	9.6	0.76	ug/L		06/29/11 14:40	07/13/11 23:02	1
Ethyl methanesulfonate	0.92	U	9.6	0.92	ug/L		06/29/11 14:40	07/13/11 23:02	1
Ethyl Parathion	1.2	U	9.6	1.2	ug/L		06/29/11 14:40	07/13/11 23:02	1
Famphur	1.1	U Q	9.6	1.1	ug/L		06/29/11 14:40	07/13/11 23:02	1
Fluoranthene	0.71	U	9.6	0.71	ug/L		06/29/11 14:40	07/13/11 23:02	1
Fluorene	0.92	U	9.6	0.92	ug/L		06/29/11 14:40	07/13/11 23:02	1
Hexachlorobenzene	0.76	U	9.6	0.76	ug/L		06/29/11 14:40	07/13/11 23:02	1
Hexachlorobutadiene	0.59	U	9.6	0.59	ug/L		06/29/11 14:40	07/13/11 23:02	1
Hexachlorocyclopentadiene	2.4	U	9.6	2.4	ug/L		06/29/11 14:40	07/13/11 23:02	1
Hexachloroethane	0.73	U	9.6	0.73	ug/L		06/29/11 14:40	07/13/11 23:02	1
Hexachloropropene	1.3	U	9.6	1.3	ug/L		06/29/11 14:40	07/13/11 23:02	1
Indeno[1,2,3-cd]pyrene	0.96	U	9.6	0.96	ug/L		06/29/11 14:40	07/13/11 23:02	1
Isophorone	0.86	U	9.6	0.86	ug/L		06/29/11 14:40	07/13/11 23:02	1
Isosafrole	0.48	U	9.6	0.48	ug/L		06/29/11 14:40	07/13/11 23:02	1
Methapyrilene	2.6	U	1900	2.6	ug/L		06/29/11 14:40	07/13/11 23:02	1
3-Methylcholanthrene	1.3	U	9.6	1.3	ug/L		06/29/11 14:40	07/13/11 23:02	1
Methyl methanesulfonate	0.57	U	9.6	0.57	ug/L		06/29/11 14:40	07/13/11 23:02	1
2-Methylnaphthalene	0.75	U	9.6	0.75	ug/L		06/29/11 14:40	07/13/11 23:02	1
Methyl parathion	0.84	U	9.6	0.84	ug/L		06/29/11 14:40	07/13/11 23:02	1
2-Methylphenol	0.85	U	9.6	0.85	ug/L		06/29/11 14:40	07/13/11 23:02	1
3 & 4 Methylphenol	1.2	U	9.6	1.2	ug/L		06/29/11 14:40	07/13/11 23:02	1
Naphthalene	0.67	U	9.6	0.67	ug/L		06/29/11 14:40	07/13/11 23:02	1
1,4-Naphthoquinone	0.59	U	9.6	0.59	ug/L		06/29/11 14:40	07/13/11 23:02	1
1-Naphthylamine	1.1	U	9.6	1.1	ug/L		06/29/11 14:40	07/13/11 23:02	1
2-Naphthylamine	1.4	U	9.6	1.4	ug/L		06/29/11 14:40	07/13/11 23:02	1
2-Nitroaniline	1.2	U	48	1.2	ug/L		06/29/11 14:40	07/13/11 23:02	1
3-Nitroaniline	4.8	U	48	4.8	ug/L		06/29/11 14:40	07/13/11 23:02	1
4-Nitroaniline	4.8	U	48	4.8	ug/L		06/29/11 14:40	07/13/11 23:02	1
Nitrobenzene	0.70	U	9.6	0.70	ug/L		06/29/11 14:40	07/13/11 23:02	1
2-Nitrophenol	0.73	U	9.6	0.73	ug/L		06/29/11 14:40	07/13/11 23:02	1
4-Nitrophenol	1.8	U	48	1.8	ug/L		06/29/11 14:40	07/13/11 23:02	1
N-Nitro-o-toluidine	1.4	U	9.6	1.4	ug/L		06/29/11 14:40	07/13/11 23:02	1
N-Nitrosodiethylamine	0.89	U	9.6	0.89	ug/L		06/29/11 14:40	07/13/11 23:02	1
N-Nitrosodimethylamine	2.7	U	9.6	2.7	ug/L		06/29/11 14:40	07/13/11 23:02	1
N-Nitrosodi-n-butylamine	0.92	U	9.6	0.92	ug/L		06/29/11 14:40	07/13/11 23:02	1
N-Nitrosodi-n-propylamine	0.69	U	9.6	0.69	ug/L		06/29/11 14:40	07/13/11 23:02	1
N-Nitrosodiphenylamine	0.88	U	9.6	0.88	ug/L		06/29/11 14:40	07/13/11 23:02	1
N-Nitrosomethylethylamine	3.2	U	9.6	3.2	ug/L		06/29/11 14:40	07/13/11 23:02	1
N-Nitrosopiperidine	0.84	U	9.6	0.84	ug/L		06/29/11 14:40	07/13/11 23:02	1
N-Nitrosopyrrolidine	0.96	U	9.6	0.96	ug/L		06/29/11 14:40	07/13/11 23:02	1
o,o',o''-Triethylphosphorothioate	0.96	U	9.6	0.96	ug/L		06/29/11 14:40	07/13/11 23:02	1

Client Sample ID: SLMW-8-6-11

Lab Sample ID: 680-69845-3

Date Collected: 06/25/11 14:25

Matrix: Water

Date Received: 06/28/11 10:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Dimethylamino azobenzene	0.76	U	9.6	0.76	ug/L		06/29/11 14:40	07/13/11 23:02	1
Pentachlorobenzene	0.50	U	9.6	0.50	ug/L		06/29/11 14:40	07/13/11 23:02	1
Pentachloronitrobenzene	0.75	U	9.6	0.75	ug/L		06/29/11 14:40	07/13/11 23:02	1
Pentachlorophenol	1.9	U	48	1.9	ug/L		06/29/11 14:40	07/13/11 23:02	1
Phenacetin	1.3	U	9.6	1.3	ug/L		06/29/11 14:40	07/13/11 23:02	1
Phenanthrene	0.74	U	9.6	0.74	ug/L		06/29/11 14:40	07/13/11 23:02	1
Phenol	0.79	U	9.6	0.79	ug/L		06/29/11 14:40	07/13/11 23:02	1
Phorate	0.83	U	9.6	0.83	ug/L		06/29/11 14:40	07/13/11 23:02	1
p-Phenylene diamine	9.6	U	1900	9.6	ug/L		06/29/11 14:40	07/13/11 23:02	1
Pronamide	0.85	U	9.6	0.85	ug/L		06/29/11 14:40	07/13/11 23:02	1
Pyrene	0.60	U	9.6	0.60	ug/L		06/29/11 14:40	07/13/11 23:02	1
Safrole, Total	0.77	U	9.6	0.77	ug/L		06/29/11 14:40	07/13/11 23:02	1
Sulfotepp	0.51	U	9.6	0.51	ug/L		06/29/11 14:40	07/13/11 23:02	1
1,2,4,5-Tetrachlorobenzene	0.73	U	9.6	0.73	ug/L		06/29/11 14:40	07/13/11 23:02	1
2,3,4,6-Tetrachlorophenol	0.69	U	9.6	0.69	ug/L		06/29/11 14:40	07/13/11 23:02	1
Thionazin	0.87	U	9.6	0.87	ug/L		06/29/11 14:40	07/13/11 23:02	1
2-Toluidine	1.3	U	9.6	1.3	ug/L		06/29/11 14:40	07/13/11 23:02	1
2,4,5-Trichlorophenol	1.1	U	9.6	1.1	ug/L		06/29/11 14:40	07/13/11 23:02	1
2,4,6-Trichlorophenol	0.81	U	9.6	0.81	ug/L		06/29/11 14:40	07/13/11 23:02	1
1,3,5-Trinitrobenzene	1.9	U	9.6	1.9	ug/L		06/29/11 14:40	07/13/11 23:02	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*82*		*38 - 130*	*06/29/11 14:40*	*07/13/11 23:02*	*1*
2-Fluorophenol	*74*		*25 - 130*	*06/29/11 14:40*	*07/13/11 23:02*	*1*
Nitrobenzene-d5	*81*		*39 - 130*	*06/29/11 14:40*	*07/13/11 23:02*	*1*
Phenol-d5	*76*		*25 - 130*	*06/29/11 14:40*	*07/13/11 23:02*	*1*
Terphenyl-d14	*79*		*10 - 143*	*06/29/11 14:40*	*07/13/11 23:02*	*1*
2,4,6-Tribromophenol	*91*		*31 - 141*	*06/29/11 14:40*	*07/13/11 23:02*	*1*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0065	U	0.099	0.0065	ug/L		06/29/11 14:40	07/05/11 23:19	1
4,4'-DDE	0.0077	U	0.099	0.0077	ug/L		06/29/11 14:40	07/05/11 23:19	1
4,4'-DDT	0.0096	U	0.099	0.0096	ug/L		06/29/11 14:40	07/05/11 23:19	1
Aldrin	0.0070	U	0.050	0.0070	ug/L		06/29/11 14:40	07/05/11 23:19	1
alpha-BHC	0.0057	U	0.050	0.0057	ug/L		06/29/11 14:40	07/05/11 23:19	1
beta-BHC	0.0067	U	0.050	0.0067	ug/L		06/29/11 14:40	07/05/11 23:19	1
Chlordane (technical)	0.099	U	0.50	0.099	ug/L		06/29/11 14:40	07/05/11 23:19	1
Chlorobenzilate	0.50	U	0.50	0.50	ug/L		06/29/11 14:40	07/05/11 23:19	1
delta-BHC	0.0048	U	0.050	0.0048	ug/L		06/29/11 14:40	07/05/11 23:19	1
Dieldrin	0.0090	U	0.099	0.0090	ug/L		06/29/11 14:40	07/05/11 23:19	1
Endosulfan I	0.0042	U	0.050	0.0042	ug/L		06/29/11 14:40	07/05/11 23:19	1
Endosulfan II	0.0097	U	0.099	0.0097	ug/L		06/29/11 14:40	07/05/11 23:19	1
Endosulfan sulfate	0.0068	U	0.099	0.0068	ug/L		06/29/11 14:40	07/05/11 23:19	1
Endrin	0.0096	U	0.099	0.0096	ug/L		06/29/11 14:40	07/05/11 23:19	1
Endrin aldehyde	0.016	U	0.099	0.016	ug/L		06/29/11 14:40	07/05/11 23:19	1
gamma-BHC (Lindane)	0.0059	U	0.050	0.0059	ug/L		06/29/11 14:40	07/05/11 23:19	1
Heptachlor	0.0070	U	0.050	0.0070	ug/L		06/29/11 14:40	07/05/11 23:19	1
Heptachlor epoxide	0.0060	U	0.050	0.0060	ug/L		06/29/11 14:40	07/05/11 23:19	1
Isodrin	0.050	U	0.050	0.050	ug/L		06/29/11 14:40	07/05/11 23:19	1

Client Sample ID: SLMW-8-6-11

Lab Sample ID: 680-69845-3

Date Collected: 06/25/11 14:25

Matrix: Water

Date Received: 06/28/11 10:00

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.013	U	0.099	0.013	ug/L		06/29/11 14:40	07/05/11 23:19	1
PCB-1016	0.071	U	0.99	0.071	ug/L		06/29/11 14:40	07/05/11 23:19	1
PCB-1221	0.28	U	2.0	0.28	ug/L		06/29/11 14:40	07/05/11 23:19	1
PCB-1232	0.11	U	0.99	0.11	ug/L		06/29/11 14:40	07/05/11 23:19	1
PCB-1242	0.18	U	0.99	0.18	ug/L		06/29/11 14:40	07/05/11 23:19	1
PCB-1248	0.36	U	0.99	0.36	ug/L		06/29/11 14:40	07/05/11 23:19	1
PCB-1254	0.26	U	0.99	0.26	ug/L		06/29/11 14:40	07/05/11 23:19	1
PCB-1260	0.20	U	0.99	0.20	ug/L		06/29/11 14:40	07/05/11 23:19	1
PCB-1262	0.24	U	0.99	0.24	ug/L		06/29/11 14:40	07/05/11 23:19	1
Toxaphene	0.50	U	5.0	0.50	ug/L		06/29/11 14:40	07/05/11 23:19	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*26*	*J*	*40 - 130*	*06/29/11 14:40*	*07/05/11 23:19*	*1*
Tetrachloro-m-xylene	*64*		*36 - 130*	*06/29/11 14:40*	*07/05/11 23:19*	*1*

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethoate	0.99	U J	2.0	0.99	ug/L		06/29/11 14:40	07/03/11 01:41	1
Disulfoton	0.99	U	2.0	0.99	ug/L		06/29/11 14:40	07/03/11 01:41	1
Ethyl Parathion	0.50	U J	0.99	0.50	ug/L		06/29/11 14:40	07/03/11 01:41	1
Famphur	0.99	U	2.0	0.99	ug/L		06/29/11 14:40	07/03/11 01:41	1
Methyl parathion	0.50	U	0.50	0.50	ug/L		06/29/11 14:40	07/03/11 01:41	1
Phorate	0.50	U	0.99	0.50	ug/L		06/29/11 14:40	07/03/11 01:41	1
Sulfotepp	0.50	U	0.50	0.50	ug/L		06/29/11 14:40	07/03/11 01:41	1
Thionazin	0.50	U	0.99	0.50	ug/L		06/29/11 14:40	07/03/11 01:41	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*90*		*67 - 130*	*06/29/11 14:40*	*07/03/11 01:41*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.036	U	0.48	0.036	ug/L		06/29/11 07:58	07/01/11 02:01	1
2,4-DB	0.14	U	0.48	0.14	ug/L		06/29/11 07:58	07/01/11 02:01	1
2,4,5-T	0.060	U	0.48	0.060	ug/L		06/29/11 07:58	07/01/11 02:01	1
Silvex (2,4,5-TP)	0.060	U	0.48	0.060	ug/L		06/29/11 07:58	07/01/11 02:01	1
Dalapon	0.096	U	9.6	0.096	ug/L		06/29/11 07:58	07/01/11 02:01	1
Dicamba	0.082	U	0.48	0.082	ug/L		06/29/11 07:58	07/01/11 02:01	1
Dichlorprop	0.14	U	0.48	0.14	ug/L		06/29/11 07:58	07/01/11 02:01	1
Dinoseb	0.15	U	5.8	0.15	ug/L		06/29/11 07:58	07/01/11 02:01	1
MCPA	16	U	120	16	ug/L		06/29/11 07:58	07/01/11 02:01	1
Mecoprop	18	U	120	18	ug/L		06/29/11 07:58	07/01/11 02:01	1
Pentachlorophenol	0.036	U	0.24	0.036	ug/L		06/29/11 07:58	07/01/11 02:01	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*82*	*J*	*52 - 151*	*06/29/11 07:58*	*07/01/11 02:01*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.0050	U	0.010	0.0050	mg/L		06/30/11 06:00	06/30/11 11:49	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	10	U	10	10	mg/L		06/29/11 10:30	06/29/11 14:33	1

Client Sample ID: SLMW-8-6-11

Lab Sample ID: 680-69845-4

Date Collected: 06/27/11 09:58

Matrix: Water

Date Received: 06/28/11 10:00

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.99	U	2.0	0.99	ug/L		06/28/11 14:32	07/10/11 00:46	1
Arsenic	**0.60**	**J**	1.0	0.40	ug/L		06/28/11 14:32	07/08/11 16:44	1
Barium	**51**		1.0	0.15	ug/L		06/28/11 14:32	07/08/11 16:44	1
Beryllium	0.070	U	0.20	0.070	ug/L		06/28/11 14:32	07/08/11 16:44	1
Cadmium	0.20	U	0.50	0.20	ug/L		06/28/11 14:32	07/08/11 16:44	1
Chromium	**0.20**	**J**	1.0	0.16	ug/L		06/28/11 14:32	07/08/11 16:44	1
Cobalt	**0.53**		0.20	0.078	ug/L		06/28/11 14:32	07/08/11 16:44	1
Copper	**0.45**	**J**	1.0	0.21	ug/L		06/28/11 14:32	07/08/11 16:44	1
Lead	0.080	U	0.30	0.080	ug/L		06/28/11 14:32	07/08/11 16:44	1
Nickel	**1.2**		1.0	0.40	ug/L		06/28/11 14:32	07/08/11 16:44	1
Selenium	**1.0**		0.50	0.21	ug/L		06/28/11 14:32	07/08/11 16:44	1
Silver	0.10	U	0.20	0.10	ug/L		06/28/11 14:32	07/08/11 16:44	1
Thallium	0.10	U	0.20	0.10	ug/L		06/28/11 14:32	07/08/11 16:44	1
Tin	0.40	U	1.0	0.40	ug/L		06/28/11 14:32	07/10/11 00:46	1
Vanadium	1.4	U	5.0	1.4	ug/L		06/28/11 14:32	07/08/11 16:44	1
Zinc	**15**		10	2.6	ug/L		06/28/11 14:32	07/08/11 16:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**0.84**		0.50	0.15	mg/L			06/28/11 22:03	10

Client Sample ID: SLMW-9-6-11

Lab Sample ID: 680-69845-5

Date Collected: 06/25/11 14:54

Matrix: Water

Date Received: 06/28/11 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	10	U	40	10	ug/L			06/29/11 17:14	1
Acetone	5.0	U	25	5.0	ug/L			06/29/11 17:14	1
Benzene	**0.76**	**J**	1.0	0.25	ug/L			06/29/11 17:14	1
Dichlorobromomethane	0.25	U	1.0	0.25	ug/L			06/29/11 17:14	1
Bromomethane	0.80	U	1.0	0.80	ug/L			06/29/11 17:14	1
Carbon disulfide	0.60	U	2.0	0.60	ug/L			06/29/11 17:14	1
Chlorobenzene	**0.43**	**J**	1.0	0.25	ug/L			06/29/11 17:14	1
Chlorodibromomethane	0.10	U	1.0	0.10	ug/L			06/29/11 17:14	1
Chloroethane	1.0	U	1.0	1.0	ug/L			06/29/11 17:14	1
Chloromethane	0.33	U	1.0	0.33	ug/L			06/29/11 17:14	1
Chloroform	0.14	U	1.0	0.14	ug/L			06/29/11 17:14	1
3-Chloro-1-propene	0.20	U	1.0	0.20	ug/L			06/29/11 17:14	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			06/29/11 17:14	1
Ethylene Dibromide	0.25	U	1.0	0.25	ug/L			06/29/11 17:14	1
trans-1,4-Dichloro-2-butene	0.50	U	2.0	0.50	ug/L			06/29/11 17:14	1
Dichlorodifluoromethane	0.25	U	1.0	0.25	ug/L			06/29/11 17:14	1
1,1-Dichloroethane	**1.5**		1.0	0.25	ug/L			06/29/11 17:14	1
1,2-Dichloroethane	0.10	U	1.0	0.10	ug/L			06/29/11 17:14	1
trans-1,2-Dichloroethene	0.20	U	1.0	0.20	ug/L			06/29/11 17:14	1
1,1-Dichloroethene	0.11	U	1.0	0.11	ug/L			06/29/11 17:14	1
Methylene Chloride	**3.2**	**J B**	5.0	1.0	ug/L			06/29/11 17:14	1
1,2-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/29/11 17:14	1

Client Sample ID: SLMW-9-6-11

Lab Sample ID: 680-69845-5

Date Collected: 06/25/11 14:54

Matrix: Water

Date Received: 06/28/11 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			06/29/11 17:14	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			06/29/11 17:14	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			06/29/11 17:14	1
2-Butanone (MEK)	1.0	U	10	1.0	ug/L			06/29/11 17:14	1
Iodomethane	1.0	U	5.0	1.0	ug/L			06/29/11 17:14	1
Methacrylonitrile	3.3	U	20	3.3	ug/L			06/29/11 17:14	1
4-Methyl-2-pentanone (MIBK)	1.0	U	10	1.0	ug/L			06/29/11 17:14	1
Styrene	0.11	U	1.0	0.11	ug/L			06/29/11 17:14	1
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			06/29/11 17:14	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			06/29/11 17:14	1
Tetrachloroethene	**0.28**	**J**	1.0	0.15	ug/L			06/29/11 17:14	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			06/29/11 17:14	1
Toluene	0.33	U	1.0	0.33	ug/L			06/29/11 17:14	1
Bromoform	0.50	U	1.0	0.50	ug/L			06/29/11 17:14	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			06/29/11 17:14	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			06/29/11 17:14	1
Trichloroethene	**0.42**	**J**	1.0	0.13	ug/L			06/29/11 17:14	1
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			06/29/11 17:14	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			06/29/11 17:14	1
Vinyl acetate	0.28	U	2.0	0.28	ug/L			06/29/11 17:14	1
Vinyl chloride	**0.90**	**J M**	1.0	0.18	ug/L			06/29/11 17:14	1
Xylenes, Total	0.20	U	2.0	0.20	ug/L			06/29/11 17:14	1
2-Hexanone	1.0	U	10	1.0	ug/L			06/29/11 17:14	1
Propionitrile	4.6	U	20	4.6	ug/L			06/29/11 17:14	1
Methyl methacrylate	0.48	U	1.0	0.48	ug/L			06/29/11 17:14	1
Acrolein	7.4	U	20	7.4	ug/L			06/29/11 17:14	1
Acrylonitrile	7.2	U	20	7.2	ug/L			06/29/11 17:14	1
Ethyl methacrylate	0.25	U	1.0	0.25	ug/L			06/29/11 17:14	1
Isobutyl alcohol	11	U	40	11	ug/L			06/29/11 17:14	1
Chlorobromomethane	0.14	U	1.0	0.14	ug/L			06/29/11 17:14	1
cis-1,2-Dichloroethene	**1.2**		1.0	0.15	ug/L			06/29/11 17:14	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/29/11 17:14	1
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			06/29/11 17:14	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			06/29/11 17:14	1
2-Chloro-1,3-butadiene	0.30	U	1.0	0.30	ug/L			06/29/11 17:14	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			06/29/11 17:14	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 17:14	1
1,4-Dichlorobenzene	**0.31**	**J**	1.0	0.28	ug/L			06/29/11 17:14	1
1,2,4-Trichlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 17:14	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			06/29/11 17:14	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*70 - 130*		*06/29/11 17:14*	*1*
4-Bromofluorobenzene	*93*		*70 - 130*		*06/29/11 17:14*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*06/29/11 17:14*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.75	U	9.9	0.75	ug/L		06/29/11 14:40	07/13/11 23:32	1
Acenaphthylene	0.84	U	9.9	0.84	ug/L		06/29/11 14:40	07/13/11 23:32	1

Client Sample ID: SLMW-9-6-11

Lab Sample ID: 680-69845-5

Date Collected: 06/25/11 14:54

Matrix: Water

Date Received: 06/28/11 10:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	0.57	U	9.9	0.57	ug/L		06/29/11 14:40	07/13/11 23:32	1
2-Acetylaminofluorene	1.6	U	9.9	1.6	ug/L		06/29/11 14:40	07/13/11 23:32	1
4-Aminobiphenyl	1.2	U	9.9	1.2	ug/L		06/29/11 14:40	07/13/11 23:32	1
Anthracene	0.68	U	9.9	0.68	ug/L		06/29/11 14:40	07/13/11 23:32	1
Benzo[a]anthracene	0.55	U	9.9	0.55	ug/L		06/29/11 14:40	07/13/11 23:32	1
Benzo[a]pyrene	0.70	U	9.9	0.70	ug/L		06/29/11 14:40	07/13/11 23:32	1
Benzo[b]fluoranthene	2.6	U	9.9	2.6	ug/L		06/29/11 14:40	07/13/11 23:32	1
Benzo[g,h,i]perylene	0.86	U	9.9	0.86	ug/L		06/29/11 14:40	07/13/11 23:32	1
Benzo[k]fluoranthene	1.2	U	9.9	1.2	ug/L		06/29/11 14:40	07/13/11 23:32	1
Benzyl alcohol	1.1	U	9.9	1.1	ug/L		06/29/11 14:40	07/13/11 23:32	1
1,1'-Biphenyl	0.58	U	9.9	0.58	ug/L		06/29/11 14:40	07/13/11 23:32	1
Bis(2-chloroethoxy)methane	0.93	U	9.9	0.93	ug/L		06/29/11 14:40	07/13/11 23:32	1
Bis(2-chloroethyl)ether	1.1	U	9.9	1.1	ug/L		06/29/11 14:40	07/13/11 23:32	1
bis(chloroisopropyl) ether	0.77	U	9.9	0.77	ug/L		06/29/11 14:40	07/13/11 23:32	1
Bis(2-ethylhexyl) phthalate	1.6	U	9.9	1.6	ug/L		06/29/11 14:40	07/13/11 23:32	1
4-Bromophenyl phenyl ether	0.76	U	9.9	0.76	ug/L		06/29/11 14:40	07/13/11 23:32	1
Butyl benzyl phthalate	1.2	U	9.9	1.2	ug/L		06/29/11 14:40	07/13/11 23:32	1
4-Chloroaniline	2.2	U J	20	2.2	ug/L		06/29/11 14:40	07/13/11 23:32	1
4-Chloro-3-methylphenol	0.99	U	9.9	0.99	ug/L		06/29/11 14:40	07/13/11 23:32	1
2-Chloronaphthalene	0.79	U	9.9	0.79	ug/L		06/29/11 14:40	07/13/11 23:32	1
2-Chlorophenol	0.86	U	9.9	0.86	ug/L		06/29/11 14:40	07/13/11 23:32	1
4-Chlorophenyl phenyl ether	0.83	U	9.9	0.83	ug/L		06/29/11 14:40	07/13/11 23:32	1
Chrysene	0.51	U	9.9	0.51	ug/L		06/29/11 14:40	07/13/11 23:32	1
Diallate	0.77	U	9.9	0.77	ug/L		06/29/11 14:40	07/13/11 23:32	1
Dibenz(a,h)anthracene	0.99	U	9.9	0.99	ug/L		06/29/11 14:40	07/13/11 23:32	1
Dibenzofuran	0.78	U	9.9	0.78	ug/L		06/29/11 14:40	07/13/11 23:32	1
3,3'-Dichlorobenzidine	30	U J	59	30	ug/L		06/29/11 14:40	07/13/11 23:32	1
2,4-Dichlorophenol	1.1	U	9.9	1.1	ug/L		06/29/11 14:40	07/13/11 23:32	1
2,6-Dichlorophenol	0.72	U	9.9	0.72	ug/L		06/29/11 14:40	07/13/11 23:32	1
Diethyl phthalate	0.87	U	9.9	0.87	ug/L		06/29/11 14:40	07/13/11 23:32	1
Dimethoate	0.74	U	9.9	0.74	ug/L		06/29/11 14:40	07/13/11 23:32	1
7,12-Dimethylbenz(a)anthracene	1.2	U	9.9	1.2	ug/L		06/29/11 14:40	07/13/11 23:32	1
3,3'-Dimethylbenzidine	9.9	U	20	9.9	ug/L		06/29/11 14:40	07/13/11 23:32	1
2,4-Dimethylphenol	4.0	U	9.9	4.0	ug/L		06/29/11 14:40	07/13/11 23:32	1
Dimethyl phthalate	0.98	U	9.9	0.98	ug/L		06/29/11 14:40	07/13/11 23:32	1
Di-n-butyl phthalate	0.82	U	9.9	0.82	ug/L		06/29/11 14:40	07/13/11 23:32	1
1,3-Dinitrobenzene	0.59	U	9.9	0.59	ug/L		06/29/11 14:40	07/13/11 23:32	1
4,6-Dinitro-2-methylphenol	9.9	U	50	9.9	ug/L		06/29/11 14:40	07/13/11 23:32	1
2,4-Dinitrophenol	9.9	U	50	9.9	ug/L		06/29/11 14:40	07/13/11 23:32	1
2,4-Dinitrotoluene	1.2	U	9.9	1.2	ug/L		06/29/11 14:40	07/13/11 23:32	1
2,6-Dinitrotoluene	1.1	U	9.9	1.1	ug/L		06/29/11 14:40	07/13/11 23:32	1
Di-n-octyl phthalate	1.4	U	9.9	1.4	ug/L		06/29/11 14:40	07/13/11 23:32	1
Dinoseb	5.0	U	9.9	5.0	ug/L		06/29/11 14:40	07/13/11 23:32	1
1,4-Dioxane	**6.2**	**J M**	9.9	3.4	ug/L		06/29/11 14:40	07/13/11 23:32	1
Disulfoton	0.78	U	9.9	0.78	ug/L		06/29/11 14:40	07/13/11 23:32	1
Ethyl methanesulfonate	0.95	U	9.9	0.95	ug/L		06/29/11 14:40	07/13/11 23:32	1
Ethyl Parathion	1.3	U	9.9	1.3	ug/L		06/29/11 14:40	07/13/11 23:32	1
Famphur	1.1	U Q	9.9	1.1	ug/L		06/29/11 14:40	07/13/11 23:32	1
Fluoranthene	0.73	U	9.9	0.73	ug/L		06/29/11 14:40	07/13/11 23:32	1
Fluorene	0.95	U	9.9	0.95	ug/L		06/29/11 14:40	07/13/11 23:32	1

Client Sample ID: SLMW-9-6-11

Lab Sample ID: 680-69845-5

Date Collected: 06/25/11 14:54

Matrix: Water

Date Received: 06/28/11 10:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	0.78	U	9.9	0.78	ug/L		06/29/11 14:40	07/13/11 23:32	1
Hexachlorobutadiene	0.61	U	9.9	0.61	ug/L		06/29/11 14:40	07/13/11 23:32	1
Hexachlorocyclopentadiene	2.5	U	9.9	2.5	ug/L		06/29/11 14:40	07/13/11 23:32	1
Hexachloroethane	0.75	U	9.9	0.75	ug/L		06/29/11 14:40	07/13/11 23:32	1
Hexachloropropene	1.4	U	9.9	1.4	ug/L		06/29/11 14:40	07/13/11 23:32	1
Indeno[1,2,3-cd]pyrene	0.99	U	9.9	0.99	ug/L		06/29/11 14:40	07/13/11 23:32	1
Isophorone	0.89	U	9.9	0.89	ug/L		06/29/11 14:40	07/13/11 23:32	1
Isosafrole	0.50	U	9.9	0.50	ug/L		06/29/11 14:40	07/13/11 23:32	1
Methapyrilene	2.7	U	2000	2.7	ug/L		06/29/11 14:40	07/13/11 23:32	1
3-Methylcholanthrene	1.4	U	9.9	1.4	ug/L		06/29/11 14:40	07/13/11 23:32	1
Methyl methanesulfonate	0.59	U	9.9	0.59	ug/L		06/29/11 14:40	07/13/11 23:32	1
2-Methylnaphthalene	0.77	U	9.9	0.77	ug/L		06/29/11 14:40	07/13/11 23:32	1
Methyl parathion	0.87	U	9.9	0.87	ug/L		06/29/11 14:40	07/13/11 23:32	1
2-Methylphenol	0.88	U	9.9	0.88	ug/L		06/29/11 14:40	07/13/11 23:32	1
3 & 4 Methylphenol	1.3	U	9.9	1.3	ug/L		06/29/11 14:40	07/13/11 23:32	1
Naphthalene	0.69	U	9.9	0.69	ug/L		06/29/11 14:40	07/13/11 23:32	1
1,4-Naphthoquinone	0.61	U	9.9	0.61	ug/L		06/29/11 14:40	07/13/11 23:32	1
1-Naphthylamine	1.1	U	9.9	1.1	ug/L		06/29/11 14:40	07/13/11 23:32	1
2-Naphthylamine	1.5	U	9.9	1.5	ug/L		06/29/11 14:40	07/13/11 23:32	1
2-Nitroaniline	1.3	U	50	1.3	ug/L		06/29/11 14:40	07/13/11 23:32	1
3-Nitroaniline	5.0	U J	50	5.0	ug/L		06/29/11 14:40	07/13/11 23:32	1
4-Nitroaniline	5.0	U	50	5.0	ug/L		06/29/11 14:40	07/13/11 23:32	1
Nitrobenzene	0.72	U	9.9	0.72	ug/L		06/29/11 14:40	07/13/11 23:32	1
2-Nitrophenol	0.75	U	9.9	0.75	ug/L		06/29/11 14:40	07/13/11 23:32	1
4-Nitrophenol	1.9	U	50	1.9	ug/L		06/29/11 14:40	07/13/11 23:32	1
N-Nitro-o-toluidine	1.5	U	9.9	1.5	ug/L		06/29/11 14:40	07/13/11 23:32	1
N-Nitrosodiethylamine	0.92	U	9.9	0.92	ug/L		06/29/11 14:40	07/13/11 23:32	1
N-Nitrosodimethylamine	2.8	U	9.9	2.8	ug/L		06/29/11 14:40	07/13/11 23:32	1
N-Nitrosodi-n-butylamine	0.95	U	9.9	0.95	ug/L		06/29/11 14:40	07/13/11 23:32	1
N-Nitrosodi-n-propylamine	0.71	U	9.9	0.71	ug/L		06/29/11 14:40	07/13/11 23:32	1
N-Nitrosodiphenylamine	0.91	U	9.9	0.91	ug/L		06/29/11 14:40	07/13/11 23:32	1
N-Nitrosomethylethylamine	3.3	U	9.9	3.3	ug/L		06/29/11 14:40	07/13/11 23:32	1
N-Nitrosopiperidine	0.87	U	9.9	0.87	ug/L		06/29/11 14:40	07/13/11 23:32	1
N-Nitrosopyrrolidine	0.99	U	9.9	0.99	ug/L		06/29/11 14:40	07/13/11 23:32	1
o,o',o''-Triethylphosphorothioate	0.99	U	9.9	0.99	ug/L		06/29/11 14:40	07/13/11 23:32	1
p-Dimethylamino azobenzene	0.78	U	9.9	0.78	ug/L		06/29/11 14:40	07/13/11 23:32	1
Pentachlorobenzene	0.52	U	9.9	0.52	ug/L		06/29/11 14:40	07/13/11 23:32	1
Pentachloronitrobenzene	0.77	U	9.9	0.77	ug/L		06/29/11 14:40	07/13/11 23:32	1
Pentachlorophenol	2.0	U	50	2.0	ug/L		06/29/11 14:40	07/13/11 23:32	1
Phenacetin	1.4	U	9.9	1.4	ug/L		06/29/11 14:40	07/13/11 23:32	1
Phenanthrene	0.76	U	9.9	0.76	ug/L		06/29/11 14:40	07/13/11 23:32	1
Phenol	0.82	U	9.9	0.82	ug/L		06/29/11 14:40	07/13/11 23:32	1
Phorate	0.86	U	9.9	0.86	ug/L		06/29/11 14:40	07/13/11 23:32	1
p-Phenylene diamine	9.9	U	2000	9.9	ug/L		06/29/11 14:40	07/13/11 23:32	1
Pronamide	0.88	U	9.9	0.88	ug/L		06/29/11 14:40	07/13/11 23:32	1
Pyrene	0.62	U	9.9	0.62	ug/L		06/29/11 14:40	07/13/11 23:32	1
Safrole, Total	0.79	U	9.9	0.79	ug/L		06/29/11 14:40	07/13/11 23:32	1
Sulfotepp	0.53	U	9.9	0.53	ug/L		06/29/11 14:40	07/13/11 23:32	1
1,2,4,5-Tetrachlorobenzene	0.75	U	9.9	0.75	ug/L		06/29/11 14:40	07/13/11 23:32	1
2,3,4,6-Tetrachlorophenol	0.71	U	9.9	0.71	ug/L		06/29/11 14:40	07/13/11 23:32	1

Client Sample ID: SLMW-9-6-11

Lab Sample ID: 680-69845-5

Date Collected: 06/25/11 14:54

Matrix: Water

Date Received: 06/28/11 10:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thionazin	0.90	U	9.9	0.90	ug/L		06/29/11 14:40	07/13/11 23:32	1
2-Toluidine	1.4	U	9.9	1.4	ug/L		06/29/11 14:40	07/13/11 23:32	1
2,4,5-Trichlorophenol	1.2	U	9.9	1.2	ug/L		06/29/11 14:40	07/13/11 23:32	1
2,4,6-Trichlorophenol	0.84	U	9.9	0.84	ug/L		06/29/11 14:40	07/13/11 23:32	1
1,3,5-Trinitrobenzene	2.0	U	9.9	2.0	ug/L		06/29/11 14:40	07/13/11 23:32	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*66*		*38 - 130*	*06/29/11 14:40*	*07/13/11 23:32*	*1*
2-Fluorophenol	*60*		*25 - 130*	*06/29/11 14:40*	*07/13/11 23:32*	*1*
Nitrobenzene-d5	*68*		*39 - 130*	*06/29/11 14:40*	*07/13/11 23:32*	*1*
Phenol-d5	*60*		*25 - 130*	*06/29/11 14:40*	*07/13/11 23:32*	*1*
Terphenyl-d14	*72*		*10 - 143*	*06/29/11 14:40*	*07/13/11 23:32*	*1*
2,4,6-Tribromophenol	*85*		*31 - 141*	*06/29/11 14:40*	*07/13/11 23:32*	*1*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0062	U	0.095	0.0062	ug/L		06/29/11 14:40	07/05/11 23:42	1
4,4'-DDE	0.0073	U	0.095	0.0073	ug/L		06/29/11 14:40	07/05/11 23:42	1
4,4'-DDT	0.0092	U	0.095	0.0092	ug/L		06/29/11 14:40	07/05/11 23:42	1
Aldrin	0.0066	U	0.047	0.0066	ug/L		06/29/11 14:40	07/05/11 23:42	1
alpha-BHC	0.0054	U	0.047	0.0054	ug/L		06/29/11 14:40	07/05/11 23:42	1
beta-BHC	0.0064	U	0.047	0.0064	ug/L		06/29/11 14:40	07/05/11 23:42	1
Chlordane (technical)	0.095	U	0.47	0.095	ug/L		06/29/11 14:40	07/05/11 23:42	1
Chlorobenzilate	0.47	U	0.47	0.47	ug/L		06/29/11 14:40	07/05/11 23:42	1
delta-BHC	0.0046	U	0.047	0.0046	ug/L		06/29/11 14:40	07/05/11 23:42	1
Dieldrin	0.0086	U	0.095	0.0086	ug/L		06/29/11 14:40	07/05/11 23:42	1
Endosulfan I	0.0040	U	0.047	0.0040	ug/L		06/29/11 14:40	07/05/11 23:42	1
Endosulfan II	0.0093	U	0.095	0.0093	ug/L		06/29/11 14:40	07/05/11 23:42	1
Endosulfan sulfate	0.0065	U	0.095	0.0065	ug/L		06/29/11 14:40	07/05/11 23:42	1
Endrin	0.0092	U	0.095	0.0092	ug/L		06/29/11 14:40	07/05/11 23:42	1
Endrin aldehyde	0.015	U	0.095	0.015	ug/L		06/29/11 14:40	07/05/11 23:42	1
gamma-BHC (Lindane)	0.0056	U	0.047	0.0056	ug/L		06/29/11 14:40	07/05/11 23:42	1
Heptachlor	0.0066	U	0.047	0.0066	ug/L		06/29/11 14:40	07/05/11 23:42	1
Heptachlor epoxide	0.0057	U	0.047	0.0057	ug/L		06/29/11 14:40	07/05/11 23:42	1
Isodrin	0.047	U	0.047	0.047	ug/L		06/29/11 14:40	07/05/11 23:42	1
Methoxychlor	0.012	U	0.095	0.012	ug/L		06/29/11 14:40	07/05/11 23:42	1
PCB-1016	0.067	U	0.95	0.067	ug/L		06/29/11 14:40	07/05/11 23:42	1
PCB-1221	0.27	U	1.9	0.27	ug/L		06/29/11 14:40	07/05/11 23:42	1
PCB-1232	0.10	U	0.95	0.10	ug/L		06/29/11 14:40	07/05/11 23:42	1
PCB-1242	0.17	U	0.95	0.17	ug/L		06/29/11 14:40	07/05/11 23:42	1
PCB-1248	0.34	U	0.95	0.34	ug/L		06/29/11 14:40	07/05/11 23:42	1
PCB-1254	0.25	U	0.95	0.25	ug/L		06/29/11 14:40	07/05/11 23:42	1
PCB-1260	0.19	U	0.95	0.19	ug/L		06/29/11 14:40	07/05/11 23:42	1
PCB-1262	0.23	U	0.95	0.23	ug/L		06/29/11 14:40	07/05/11 23:42	1
Toxaphene	0.47	U	4.7	0.47	ug/L		06/29/11 14:40	07/05/11 23:42	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*21*	*M J*	*40 - 130*	*06/29/11 14:40*	*07/05/11 23:42*	*1*
Tetrachloro-m-xylene	*61*		*36 - 130*	*06/29/11 14:40*	*07/05/11 23:42*	*1*

Client Sample ID: SLMW-9-6-11

Lab Sample ID: 680-69845-5

Date Collected: 06/25/11 14:54
Matrix: Water
Date Received: 06/28/11 10:00

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethoate	0.95	U	1.9	0.95	ug/L		06/29/11 14:40	07/03/11 02:06	1
Disulfoton	0.95	U	1.9	0.95	ug/L		06/29/11 14:40	07/03/11 02:06	1
Ethyl Parathion	0.47	U	0.95	0.47	ug/L		06/29/11 14:40	07/03/11 02:06	1
Famphur	0.95	U	1.9	0.95	ug/L		06/29/11 14:40	07/03/11 02:06	1
Methyl parathion	0.47	U	0.47	0.47	ug/L		06/29/11 14:40	07/03/11 02:06	1
Phorate	0.47	U	0.95	0.47	ug/L		06/29/11 14:40	07/03/11 02:06	1
Sulfotepp	0.47	U	0.47	0.47	ug/L		06/29/11 14:40	07/03/11 02:06	1
Thionazin	0.47	U	0.95	0.47	ug/L		06/29/11 14:40	07/03/11 02:06	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*86*		*67 - 130*	*06/29/11 14:40*	*07/03/11 02:06*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.035	U	0.48	0.035	ug/L		06/29/11 07:58	07/01/11 02:17	1
2,4-DB	0.14	U	0.48	0.14	ug/L		06/29/11 07:58	07/01/11 02:17	1
2,4,5-T	0.059	U	0.48	0.059	ug/L		06/29/11 07:58	07/01/11 02:17	1
Silvex (2,4,5-TP)	0.059	U	0.48	0.059	ug/L		06/29/11 07:58	07/01/11 02:17	1
Dalapon	0.095	U	9.5	0.095	ug/L		06/29/11 07:58	07/01/11 02:17	1
Dicamba	0.081	U	0.48	0.081	ug/L		06/29/11 07:58	07/01/11 02:17	1
Dichlorprop	0.14	U	0.48	0.14	ug/L		06/29/11 07:58	07/01/11 02:17	1
Dinoseb	0.15	U	5.7	0.15	ug/L		06/29/11 07:58	07/01/11 02:17	1
MCPA	16	U	110	16	ug/L		06/29/11 07:58	07/01/11 02:17	1
Mecoprop	18	U	110	18	ug/L		06/29/11 07:58	07/01/11 02:17	1
Pentachlorophenol	0.035	U	0.24	0.035	ug/L		06/29/11 07:58	07/01/11 02:17	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*87*	*J*	*52 - 151*	*06/29/11 07:58*	*07/01/11 02:17*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.0050	U	0.010	0.0050	mg/L		06/30/11 06:00	06/30/11 11:50	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	10	U	10	10	mg/L		06/29/11 10:30	06/29/11 14:33	1

Client Sample ID: SLMW-9-6-11

Lab Sample ID: 680-69845-6

Date Collected: 06/27/11 09:23
Matrix: Water
Date Received: 06/28/11 10:00

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.99	U	2.0	0.99	ug/L		06/28/11 14:32	07/10/11 00:50	1
Arsenic	**8.3**		1.0	0.40	ug/L		06/28/11 14:32	07/08/11 16:48	1
Barium	**35**		1.0	0.15	ug/L		06/28/11 14:32	07/08/11 16:48	1
Beryllium	0.070	U	0.20	0.070	ug/L		06/28/11 14:32	07/08/11 16:48	1
Cadmium	0.20	U	0.50	0.20	ug/L		06/28/11 14:32	07/08/11 16:48	1
Chromium	**3.5**		1.0	0.16	ug/L		06/28/11 14:32	07/08/11 16:48	1
Cobalt	**0.52**		0.20	0.078	ug/L		06/28/11 14:32	07/08/11 16:48	1
Copper	**0.93**	**J**	1.0	0.21	ug/L		06/28/11 14:32	07/08/11 16:48	1

Client Sample ID: SLMW-9-6-11

Lab Sample ID: 680-69845-6

Date Collected: 06/27/11 09:23
Matrix: Water
Date Received: 06/28/11 10:00

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**0.090**	**J**	0.30	0.080	ug/L		06/28/11 14:32	07/08/11 16:48	1
Nickel	**2.8**		1.0	0.40	ug/L		06/28/11 14:32	07/08/11 16:48	1
Selenium	**0.85**		0.50	0.21	ug/L		06/28/11 14:32	07/08/11 16:48	1
Silver	0.10	U	0.20	0.10	ug/L		06/28/11 14:32	07/08/11 16:48	1
Thallium	0.10	U	0.20	0.10	ug/L		06/28/11 14:32	07/08/11 16:48	1
Tin	0.40	U	1.0	0.40	ug/L		06/28/11 14:32	07/10/11 00:50	1
Vanadium	1.4	U	5.0	1.4	ug/L		06/28/11 14:32	07/08/11 16:48	1
Zinc	**8.3**	**J**	10	2.6	ug/L		06/28/11 14:32	07/08/11 16:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.15	U	0.50	0.15	mg/L			06/28/11 22:18	10

Client Sample ID: SLSW-1-6-11

Lab Sample ID: 680-69845-7

Date Collected: 06/27/11 09:50
Matrix: Water
Date Received: 06/28/11 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	10	U	40	10	ug/L			06/29/11 17:43	1
Acetone	5.0	U	25	5.0	ug/L			06/29/11 17:43	1
Benzene	0.25	U	1.0	0.25	ug/L			06/29/11 17:43	1
Dichlorobromomethane	0.25	U	1.0	0.25	ug/L			06/29/11 17:43	1
Bromomethane	0.80	U	1.0	0.80	ug/L			06/29/11 17:43	1
Carbon disulfide	0.60	U	2.0	0.60	ug/L			06/29/11 17:43	1
Chlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 17:43	1
Chlorodibromomethane	0.10	U	1.0	0.10	ug/L			06/29/11 17:43	1
Chloroethane	1.0	U	1.0	1.0	ug/L			06/29/11 17:43	1
Chloromethane	0.33	U	1.0	0.33	ug/L			06/29/11 17:43	1
Chloroform	0.14	U	1.0	0.14	ug/L			06/29/11 17:43	1
3-Chloro-1-propene	0.20	U	1.0	0.20	ug/L			06/29/11 17:43	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			06/29/11 17:43	1
Ethylene Dibromide	0.25	U	1.0	0.25	ug/L			06/29/11 17:43	1
trans-1,4-Dichloro-2-butene	0.50	U	2.0	0.50	ug/L			06/29/11 17:43	1
Dichlorodifluoromethane	0.25	U	1.0	0.25	ug/L			06/29/11 17:43	1
1,1-Dichloroethane	0.25	U	1.0	0.25	ug/L			06/29/11 17:43	1
1,2-Dichloroethane	0.10	U	1.0	0.10	ug/L			06/29/11 17:43	1
trans-1,2-Dichloroethene	0.20	U	1.0	0.20	ug/L			06/29/11 17:43	1
1,1-Dichloroethene	0.11	U	1.0	0.11	ug/L			06/29/11 17:43	1
Methylene Chloride	**2.9**	**J B**	5.0	1.0	ug/L			06/29/11 17:43	1
1,2-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/29/11 17:43	1
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			06/29/11 17:43	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			06/29/11 17:43	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			06/29/11 17:43	1
2-Butanone (MEK)	1.0	U	10	1.0	ug/L			06/29/11 17:43	1
Iodomethane	1.0	U	5.0	1.0	ug/L			06/29/11 17:43	1
Methacrylonitrile	3.3	U	20	3.3	ug/L			06/29/11 17:43	1
4-Methyl-2-pentanone (MIBK)	1.0	U	10	1.0	ug/L			06/29/11 17:43	1
Styrene	0.11	U	1.0	0.11	ug/L			06/29/11 17:43	1

Client Sample ID: SLSW-1-6-11

Lab Sample ID: 680-69845-7

Date Collected: 06/27/11 09:50
Matrix: Water
Date Received: 06/28/11 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			06/29/11 17:43	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			06/29/11 17:43	1
Tetrachloroethene	0.15	U	1.0	0.15	ug/L			06/29/11 17:43	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			06/29/11 17:43	1
Toluene	0.33	U	1.0	0.33	ug/L			06/29/11 17:43	1
Bromoform	0.50	U	1.0	0.50	ug/L			06/29/11 17:43	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			06/29/11 17:43	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			06/29/11 17:43	1
Trichloroethene	0.13	U	1.0	0.13	ug/L			06/29/11 17:43	1
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			06/29/11 17:43	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			06/29/11 17:43	1
Vinyl acetate	0.28	U	2.0	0.28	ug/L			06/29/11 17:43	1
Vinyl chloride	0.18	U	1.0	0.18	ug/L			06/29/11 17:43	1
Xylenes, Total	0.20	U	2.0	0.20	ug/L			06/29/11 17:43	1
2-Hexanone	1.0	U	10	1.0	ug/L			06/29/11 17:43	1
Propionitrile	4.6	U	20	4.6	ug/L			06/29/11 17:43	1
Methyl methacrylate	0.48	U	1.0	0.48	ug/L			06/29/11 17:43	1
Acrolein	7.4	U	20	7.4	ug/L			06/29/11 17:43	1
Acrylonitrile	7.2	U	20	7.2	ug/L			06/29/11 17:43	1
Ethyl methacrylate	0.25	U	1.0	0.25	ug/L			06/29/11 17:43	1
Isobutyl alcohol	11	U	40	11	ug/L			06/29/11 17:43	1
Chlorobromomethane	0.14	U	1.0	0.14	ug/L			06/29/11 17:43	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			06/29/11 17:43	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/29/11 17:43	1
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			06/29/11 17:43	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			06/29/11 17:43	1
2-Chloro-1,3-butadiene	0.30	U	1.0	0.30	ug/L			06/29/11 17:43	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			06/29/11 17:43	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 17:43	1
1,4-Dichlorobenzene	0.28	U	1.0	0.28	ug/L			06/29/11 17:43	1
1,2,4-Trichlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 17:43	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			06/29/11 17:43	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*70 - 130*		*06/29/11 17:43*	*1*
4-Bromofluorobenzene	*95*		*70 - 130*		*06/29/11 17:43*	*1*
Dibromofluoromethane	*108*		*70 - 130*		*06/29/11 17:43*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.75	U	9.9	0.75	ug/L		06/29/11 14:40	07/14/11 00:01	1
Acenaphthylene	0.84	U	9.9	0.84	ug/L		06/29/11 14:40	07/14/11 00:01	1
Acetophenone	0.57	U	9.9	0.57	ug/L		06/29/11 14:40	07/14/11 00:01	1
2-Acetylaminofluorene	1.6	U	9.9	1.6	ug/L		06/29/11 14:40	07/14/11 00:01	1
4-Aminobiphenyl	1.2	U J	9.9	1.2	ug/L		06/29/11 14:40	07/14/11 00:01	1
Anthracene	0.69	U	9.9	0.69	ug/L		06/29/11 14:40	07/14/11 00:01	1
Benzo[a]anthracene	0.55	U	9.9	0.55	ug/L		06/29/11 14:40	07/14/11 00:01	1
Benzo[a]pyrene	0.71	U	9.9	0.71	ug/L		06/29/11 14:40	07/14/11 00:01	1
Benzo[b]fluoranthene	2.6	U	9.9	2.6	ug/L		06/29/11 14:40	07/14/11 00:01	1
Benzo[g,h,i]perylene	0.86	U	9.9	0.86	ug/L		06/29/11 14:40	07/14/11 00:01	1

Client Sample ID: SLSW-1-6-11

Lab Sample ID: 680-69845-7

Date Collected: 06/27/11 09:50

Matrix: Water

Date Received: 06/28/11 10:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	1.2	U	9.9	1.2	ug/L		06/29/11 14:40	07/14/11 00:01	1
Benzyl alcohol	1.1	U	9.9	1.1	ug/L		06/29/11 14:40	07/14/11 00:01	1
1,1'-Biphenyl	0.58	U	9.9	0.58	ug/L		06/29/11 14:40	07/14/11 00:01	1
Bis(2-chloroethoxy)methane	0.93	U	9.9	0.93	ug/L		06/29/11 14:40	07/14/11 00:01	1
Bis(2-chloroethyl)ether	1.1	U	9.9	1.1	ug/L		06/29/11 14:40	07/14/11 00:01	1
bis(chloroisopropyl) ether	0.77	U	9.9	0.77	ug/L		06/29/11 14:40	07/14/11 00:01	1
Bis(2-ethylhexyl) phthalate	1.6	U	9.9	1.6	ug/L		06/29/11 14:40	07/14/11 00:01	1
4-Bromophenyl phenyl ether	0.76	U	9.9	0.76	ug/L		06/29/11 14:40	07/14/11 00:01	1
Butyl benzyl phthalate	1.2	U	9.9	1.2	ug/L		06/29/11 14:40	07/14/11 00:01	1
4-Chloroaniline	2.2	U	20	2.2	ug/L		06/29/11 14:40	07/14/11 00:01	1
4-Chloro-3-methylphenol	0.99	U	9.9	0.99	ug/L		06/29/11 14:40	07/14/11 00:01	1
2-Chloronaphthalene	0.79	U	9.9	0.79	ug/L		06/29/11 14:40	07/14/11 00:01	1
2-Chlorophenol	0.86	U	9.9	0.86	ug/L		06/29/11 14:40	07/14/11 00:01	1
4-Chlorophenyl phenyl ether	0.83	U	9.9	0.83	ug/L		06/29/11 14:40	07/14/11 00:01	1
Chrysene	0.51	U	9.9	0.51	ug/L		06/29/11 14:40	07/14/11 00:01	1
Diallate	0.77	U	9.9	0.77	ug/L		06/29/11 14:40	07/14/11 00:01	1
Dibenz(a,h)anthracene	0.99	U	9.9	0.99	ug/L		06/29/11 14:40	07/14/11 00:01	1
Dibenzofuran	0.78	U	9.9	0.78	ug/L		06/29/11 14:40	07/14/11 00:01	1
3,3'-Dichlorobenzidine	30	U	60	30	ug/L		06/29/11 14:40	07/14/11 00:01	1
2,4-Dichlorophenol	1.1	U	9.9	1.1	ug/L		06/29/11 14:40	07/14/11 00:01	1
2,6-Dichlorophenol	0.73	U	9.9	0.73	ug/L		06/29/11 14:40	07/14/11 00:01	1
Diethyl phthalate	0.87	U	9.9	0.87	ug/L		06/29/11 14:40	07/14/11 00:01	1
Dimethoate	0.74	U	9.9	0.74	ug/L		06/29/11 14:40	07/14/11 00:01	1
7,12-Dimethylbenz(a)anthracene	1.2	U J	9.9	1.2	ug/L		06/29/11 14:40	07/14/11 00:01	1
3,3'-Dimethylbenzidine	9.9	U J	20	9.9	ug/L		06/29/11 14:40	07/14/11 00:01	1
2,4-Dimethylphenol	4.0	U	9.9	4.0	ug/L		06/29/11 14:40	07/14/11 00:01	1
Dimethyl phthalate	0.98	U	9.9	0.98	ug/L		06/29/11 14:40	07/14/11 00:01	1
Di-n-butyl phthalate	0.82	U	9.9	0.82	ug/L		06/29/11 14:40	07/14/11 00:01	1
1,3-Dinitrobenzene	0.60	U	9.9	0.60	ug/L		06/29/11 14:40	07/14/11 00:01	1
4,6-Dinitro-2-methylphenol	9.9	U	50	9.9	ug/L		06/29/11 14:40	07/14/11 00:01	1
2,4-Dinitrophenol	9.9	U	50	9.9	ug/L		06/29/11 14:40	07/14/11 00:01	1
2,4-Dinitrotoluene	1.2	U	9.9	1.2	ug/L		06/29/11 14:40	07/14/11 00:01	1
2,6-Dinitrotoluene	1.1	U	9.9	1.1	ug/L		06/29/11 14:40	07/14/11 00:01	1
Di-n-octyl phthalate	1.4	U	9.9	1.4	ug/L		06/29/11 14:40	07/14/11 00:01	1
Dinoseb	5.0	U	9.9	5.0	ug/L		06/29/11 14:40	07/14/11 00:01	1
1,4-Dioxane	3.4	U	9.9	3.4	ug/L		06/29/11 14:40	07/14/11 00:01	1
Disulfoton	0.78	U J	9.9	0.78	ug/L		06/29/11 14:40	07/14/11 00:01	1
Ethyl methanesulfonate	0.95	U	9.9	0.95	ug/L		06/29/11 14:40	07/14/11 00:01	1
Ethyl Parathion	1.3	U	9.9	1.3	ug/L		06/29/11 14:40	07/14/11 00:01	1
Famphur	1.1	U J Q	9.9	1.1	ug/L		06/29/11 14:40	07/14/11 00:01	1
Fluoranthene	0.74	U	9.9	0.74	ug/L		06/29/11 14:40	07/14/11 00:01	1
Fluorene	0.95	U	9.9	0.95	ug/L		06/29/11 14:40	07/14/11 00:01	1
Hexachlorobenzene	0.78	U	9.9	0.78	ug/L		06/29/11 14:40	07/14/11 00:01	1
Hexachlorobutadiene	0.62	U	9.9	0.62	ug/L		06/29/11 14:40	07/14/11 00:01	1
Hexachlorocyclopentadiene	2.5	U	9.9	2.5	ug/L		06/29/11 14:40	07/14/11 00:01	1
Hexachloroethane	0.75	U	9.9	0.75	ug/L		06/29/11 14:40	07/14/11 00:01	1
Hexachloropropene	1.4	U	9.9	1.4	ug/L		06/29/11 14:40	07/14/11 00:01	1
Indeno[1,2,3-cd]pyrene	0.99	U	9.9	0.99	ug/L		06/29/11 14:40	07/14/11 00:01	1
Isophorone	0.89	U	9.9	0.89	ug/L		06/29/11 14:40	07/14/11 00:01	1
Isosafrole	0.50	U	9.9	0.50	ug/L		06/29/11 14:40	07/14/11 00:01	1

Client Sample ID: SLSW-1-6-11

Date Collected: 06/27/11 09:50
Date Received: 06/28/11 10:00

Lab Sample ID: 680-69845-7

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methapyrilene	2.7	U J	2000	2.7	ug/L		06/29/11 14:40	07/14/11 00:01	1
3-Methylcholanthrene	1.4	U J	9.9	1.4	ug/L		06/29/11 14:40	07/14/11 00:01	1
Methyl methanesulfonate	0.60	U	9.9	0.60	ug/L		06/29/11 14:40	07/14/11 00:01	1
2-Methylnaphthalene	0.77	U	9.9	0.77	ug/L		06/29/11 14:40	07/14/11 00:01	1
Methyl parathion	0.87	U	9.9	0.87	ug/L		06/29/11 14:40	07/14/11 00:01	1
2-Methylphenol	0.88	U	9.9	0.88	ug/L		06/29/11 14:40	07/14/11 00:01	1
3 & 4 Methylphenol	1.3	U	9.9	1.3	ug/L		06/29/11 14:40	07/14/11 00:01	1
Naphthalene	0.70	U	9.9	0.70	ug/L		06/29/11 14:40	07/14/11 00:01	1
1,4-Naphthoquinone	0.62	U J	9.9	0.62	ug/L		06/29/11 14:40	07/14/11 00:01	1
1-Naphthylamine	1.1	U J	9.9	1.1	ug/L		06/29/11 14:40	07/14/11 00:01	1
2-Naphthylamine	1.5	U J	9.9	1.5	ug/L		06/29/11 14:40	07/14/11 00:01	1
2-Nitroaniline	1.3	U	50	1.3	ug/L		06/29/11 14:40	07/14/11 00:01	1
3-Nitroaniline	5.0	U	50	5.0	ug/L		06/29/11 14:40	07/14/11 00:01	1
4-Nitroaniline	5.0	U	50	5.0	ug/L		06/29/11 14:40	07/14/11 00:01	1
Nitrobenzene	0.73	U	9.9	0.73	ug/L		06/29/11 14:40	07/14/11 00:01	1
2-Nitrophenol	0.75	U	9.9	0.75	ug/L		06/29/11 14:40	07/14/11 00:01	1
4-Nitrophenol	1.9	U	50	1.9	ug/L		06/29/11 14:40	07/14/11 00:01	1
N-Nitro-o-toluidine	1.5	U	9.9	1.5	ug/L		06/29/11 14:40	07/14/11 00:01	1
N-Nitrosodiethylamine	0.92	U	9.9	0.92	ug/L		06/29/11 14:40	07/14/11 00:01	1
N-Nitrosodimethylamine	2.8	U	9.9	2.8	ug/L		06/29/11 14:40	07/14/11 00:01	1
N-Nitrosodi-n-butylamine	0.95	U	9.9	0.95	ug/L		06/29/11 14:40	07/14/11 00:01	1
N-Nitrosodi-n-propylamine	0.72	U	9.9	0.72	ug/L		06/29/11 14:40	07/14/11 00:01	1
N-Nitrosodiphenylamine	0.91	U	9.9	0.91	ug/L		06/29/11 14:40	07/14/11 00:01	1
N-Nitrosomethylethylamine	3.3	U	9.9	3.3	ug/L		06/29/11 14:40	07/14/11 00:01	1
N-Nitrosopiperidine	0.87	U	9.9	0.87	ug/L		06/29/11 14:40	07/14/11 00:01	1
N-Nitrosopyrrolidine	0.99	U	9.9	0.99	ug/L		06/29/11 14:40	07/14/11 00:01	1
o,o',o''-Triethylphosphorothioate	0.99	U	9.9	0.99	ug/L		06/29/11 14:40	07/14/11 00:01	1
p-Dimethylamino azobenzene	0.78	U	9.9	0.78	ug/L		06/29/11 14:40	07/14/11 00:01	1
Pentachlorobenzene	0.52	U	9.9	0.52	ug/L		06/29/11 14:40	07/14/11 00:01	1
Pentachloronitrobenzene	0.77	U	9.9	0.77	ug/L		06/29/11 14:40	07/14/11 00:01	1
Pentachlorophenol	2.0	U	50	2.0	ug/L		06/29/11 14:40	07/14/11 00:01	1
Phenacetin	1.4	U	9.9	1.4	ug/L		06/29/11 14:40	07/14/11 00:01	1
Phenanthrene	0.76	U	9.9	0.76	ug/L		06/29/11 14:40	07/14/11 00:01	1
Phenol	0.82	U	9.9	0.82	ug/L		06/29/11 14:40	07/14/11 00:01	1
Phorate	0.86	U	9.9	0.86	ug/L		06/29/11 14:40	07/14/11 00:01	1
p-Phenylene diamine	9.9	U J	2000	9.9	ug/L		06/29/11 14:40	07/14/11 00:01	1
Pronamide	0.88	U	9.9	0.88	ug/L		06/29/11 14:40	07/14/11 00:01	1
Pyrene	0.63	U	9.9	0.63	ug/L		06/29/11 14:40	07/14/11 00:01	1
Safrole, Total	0.79	U	9.9	0.79	ug/L		06/29/11 14:40	07/14/11 00:01	1
Sulfotepp	0.53	U	9.9	0.53	ug/L		06/29/11 14:40	07/14/11 00:01	1
1,2,4,5-Tetrachlorobenzene	0.75	U	9.9	0.75	ug/L		06/29/11 14:40	07/14/11 00:01	1
2,3,4,6-Tetrachlorophenol	0.72	U	9.9	0.72	ug/L		06/29/11 14:40	07/14/11 00:01	1
Thionazin	0.90	U	9.9	0.90	ug/L		06/29/11 14:40	07/14/11 00:01	1
2-Toluidine	1.4	U	9.9	1.4	ug/L		06/29/11 14:40	07/14/11 00:01	1
2,4,5-Trichlorophenol	1.2	U	9.9	1.2	ug/L		06/29/11 14:40	07/14/11 00:01	1
2,4,6-Trichlorophenol	0.84	U	9.9	0.84	ug/L		06/29/11 14:40	07/14/11 00:01	1
1,3,5-Trinitrobenzene	2.0	U	9.9	2.0	ug/L		06/29/11 14:40	07/14/11 00:01	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*61*		*38 - 130*	*06/29/11 14:40*	*07/14/11 00:01*	*1*

Client Sample ID: SLSW-1-6-11

Date Collected: 06/27/11 09:50
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Lab Sample ID: 680-69845-7
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	50		25 - 130	06/29/11 14:40	07/14/11 00:01	1
Nitrobenzene-d5	62		39 - 130	06/29/11 14:40	07/14/11 00:01	1
Phenol-d5	49		25 - 130	06/29/11 14:40	07/14/11 00:01	1
Terphenyl-d14	47		10 - 143	06/29/11 14:40	07/14/11 00:01	1
2,4,6-Tribromophenol	71		31 - 141	06/29/11 14:40	07/14/11 00:01	1

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0061	U	0.094	0.0061	ug/L		06/29/11 14:40	07/06/11 00:05	1
4,4'-DDE	0.0073	U	0.094	0.0073	ug/L		06/29/11 14:40	07/06/11 00:05	1
4,4'-DDT	0.0092	U	0.094	0.0092	ug/L		06/29/11 14:40	07/06/11 00:05	1
Aldrin	0.0066	U	0.047	0.0066	ug/L		06/29/11 14:40	07/06/11 00:05	1
alpha-BHC	0.0054	U	0.047	0.0054	ug/L		06/29/11 14:40	07/06/11 00:05	1
beta-BHC	0.0063	U	0.047	0.0063	ug/L		06/29/11 14:40	07/06/11 00:05	1
Chlordane (technical)	0.094	U	0.47	0.094	ug/L		06/29/11 14:40	07/06/11 00:05	1
Chlorobenzilate	0.47	U	0.47	0.47	ug/L		06/29/11 14:40	07/06/11 00:05	1
delta-BHC	0.0045	U	0.047	0.0045	ug/L		06/29/11 14:40	07/06/11 00:05	1
Dieldrin	0.0086	U	0.094	0.0086	ug/L		06/29/11 14:40	07/06/11 00:05	1
Endosulfan I	0.0040	U	0.047	0.0040	ug/L		06/29/11 14:40	07/06/11 00:05	1
Endosulfan II	0.0093	U	0.094	0.0093	ug/L		06/29/11 14:40	07/06/11 00:05	1
Endosulfan sulfate	0.0064	U	0.094	0.0064	ug/L		06/29/11 14:40	07/06/11 00:05	1
Endrin	0.0092	U	0.094	0.0092	ug/L		06/29/11 14:40	07/06/11 00:05	1
Endrin aldehyde	0.015	U	0.094	0.015	ug/L		06/29/11 14:40	07/06/11 00:05	1
gamma-BHC (Lindane)	0.0056	U	0.047	0.0056	ug/L		06/29/11 14:40	07/06/11 00:05	1
Heptachlor	0.0066	U	0.047	0.0066	ug/L		06/29/11 14:40	07/06/11 00:05	1
Heptachlor epoxide	0.0057	U	0.047	0.0057	ug/L		06/29/11 14:40	07/06/11 00:05	1
Isodrin	0.047	U	0.047	0.047	ug/L		06/29/11 14:40	07/06/11 00:05	1
Methoxychlor	0.012	U	0.094	0.012	ug/L		06/29/11 14:40	07/06/11 00:05	1
PCB-1016	0.067	U	0.94	0.067	ug/L		06/29/11 14:40	07/06/11 00:05	1
PCB-1221	0.26	U	1.9	0.26	ug/L		06/29/11 14:40	07/06/11 00:05	1
PCB-1232	0.10	U	0.94	0.10	ug/L		06/29/11 14:40	07/06/11 00:05	1
PCB-1242	0.17	U	0.94	0.17	ug/L		06/29/11 14:40	07/06/11 00:05	1
PCB-1248	0.34	U	0.94	0.34	ug/L		06/29/11 14:40	07/06/11 00:05	1
PCB-1254	0.25	U	0.94	0.25	ug/L		06/29/11 14:40	07/06/11 00:05	1
PCB-1260	0.19	U	0.94	0.19	ug/L		06/29/11 14:40	07/06/11 00:05	1
PCB-1262	0.23	U	0.94	0.23	ug/L		06/29/11 14:40	07/06/11 00:05	1
Toxaphene	0.47	U	4.7	0.47	ug/L		06/29/11 14:40	07/06/11 00:05	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	18	M J	40 - 130	06/29/11 14:40	07/06/11 00:05	1
Tetrachloro-m-xylene	44		36 - 130	06/29/11 14:40	07/06/11 00:05	1

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethoate	0.94	U	1.9	0.94	ug/L		06/29/11 14:40	07/03/11 02:30	1
Disulfoton	0.94	U	1.9	0.94	ug/L		06/29/11 14:40	07/03/11 02:30	1
Ethyl Parathion	0.47	U	0.94	0.47	ug/L		06/29/11 14:40	07/03/11 02:30	1
Famphur	0.94	U	1.9	0.94	ug/L		06/29/11 14:40	07/03/11 02:30	1
Methyl parathion	0.47	U	0.47	0.47	ug/L		06/29/11 14:40	07/03/11 02:30	1
Phorate	0.47	U	0.94	0.47	ug/L		06/29/11 14:40	07/03/11 02:30	1

Client Sample ID: SLSW-1-6-11

Lab Sample ID: 680-69845-7

Date Collected: 06/27/11 09:50

Matrix: Water

Date Received: 06/28/11 10:00

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfotepp	0.47	U	0.47	0.47	ug/L		06/29/11 14:40	07/03/11 02:30	1
Thionazin	0.47	U	0.94	0.47	ug/L		06/29/11 14:40	07/03/11 02:30	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*76*		*67 - 130*	*06/29/11 14:40*	*07/03/11 02:30*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.036	U	0.48	0.036	ug/L		06/29/11 07:58	07/01/11 02:33	1
2,4-DB	0.14	U	0.48	0.14	ug/L		06/29/11 07:58	07/01/11 02:33	1
2,4,5-T	0.060	U	0.48	0.060	ug/L		06/29/11 07:58	07/01/11 02:33	1
Silvex (2,4,5-TP)	0.060	U	0.48	0.060	ug/L		06/29/11 07:58	07/01/11 02:33	1
Dalapon	0.096	U	9.6	0.096	ug/L		06/29/11 07:58	07/01/11 02:33	1
Dicamba	0.082	U	0.48	0.082	ug/L		06/29/11 07:58	07/01/11 02:33	1
Dichlorprop	0.14	U	0.48	0.14	ug/L		06/29/11 07:58	07/01/11 02:33	1
Dinoseb	0.15	U	5.8	0.15	ug/L		06/29/11 07:58	07/01/11 02:33	1
MCPA	16	U	120	16	ug/L		06/29/11 07:58	07/01/11 02:33	1
Mecoprop	18	U	120	18	ug/L		06/29/11 07:58	07/01/11 02:33	1
Pentachlorophenol	0.036	U	0.24	0.036	ug/L		06/29/11 07:58	07/01/11 02:33	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*91*	*J*	*52 - 151*	*06/29/11 07:58*	*07/01/11 02:33*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.99	U	2.0	0.99	ug/L		06/28/11 14:32	07/10/11 00:55	1
Arsenic	**0.84**	**J**	1.0	0.40	ug/L		06/28/11 14:32	07/08/11 16:51	1
Barium	**26**		1.0	0.15	ug/L		06/28/11 14:32	07/08/11 16:51	1
Beryllium	**0.094**	**J**	0.20	0.070	ug/L		06/28/11 14:32	07/08/11 16:51	1
Cadmium	0.20	U	0.50	0.20	ug/L		06/28/11 14:32	07/08/11 16:51	1
Chromium	**0.86**	**J**	1.0	0.16	ug/L		06/28/11 14:32	07/08/11 16:51	1
Cobalt	**0.38**		0.20	0.078	ug/L		06/28/11 14:32	07/08/11 16:51	1
Copper	**1.7**		1.0	0.21	ug/L		06/28/11 14:32	07/08/11 16:51	1
Lead	**0.77**		0.30	0.080	ug/L		06/28/11 14:32	07/08/11 16:51	1
Nickel	**0.94**	**J**	1.0	0.40	ug/L		06/28/11 14:32	07/08/11 16:51	1
Selenium	**0.79**		0.50	0.21	ug/L		06/28/11 14:32	07/08/11 16:51	1
Silver	0.10	U	0.20	0.10	ug/L		06/28/11 14:32	07/08/11 16:51	1
Thallium	0.10	U	0.20	0.10	ug/L		06/28/11 14:32	07/08/11 16:51	1
Tin	0.40	U	1.0	0.40	ug/L		06/28/11 14:32	07/10/11 00:55	1
Vanadium	**1.6**	**J**	5.0	1.4	ug/L		06/28/11 14:32	07/08/11 16:51	1
Zinc	**29**		10	2.6	ug/L		06/28/11 14:32	07/08/11 16:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.075	U	0.25	0.075	mg/L			06/28/11 22:47	5
Cyanide, Total	0.0050	U	0.010	0.0050	mg/L		06/30/11 06:00	06/30/11 11:51	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	**13**		10	10	mg/L		06/29/11 10:30	06/29/11 14:33	1

Client: U.S. Army Corps of Engineers
Project/Site: Ft. Bragg Longstreet Landfill

TestAmerica Job ID: 680-69845-1

Client Sample ID: SLSW-2-6-11

Date Collected: 06/27/11 10:30
Date Received: 06/28/11 10:00

Lab Sample ID: 680-69845-8

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	10	U	40	10	ug/L			06/29/11 18:12	1
Acetone	5.0	U	25	5.0	ug/L			06/29/11 18:12	1
Benzene	**0.39**	**J**	1.0	0.25	ug/L			06/29/11 18:12	1
Dichlorobromomethane	0.25	U	1.0	0.25	ug/L			06/29/11 18:12	1
Bromomethane	0.80	U	1.0	0.80	ug/L			06/29/11 18:12	1
Carbon disulfide	0.60	U	2.0	0.60	ug/L			06/29/11 18:12	1
Chlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 18:12	1
Chlorodibromomethane	0.10	U	1.0	0.10	ug/L			06/29/11 18:12	1
Chloroethane	1.0	U	1.0	1.0	ug/L			06/29/11 18:12	1
Chloromethane	0.33	U	1.0	0.33	ug/L			06/29/11 18:12	1
Chloroform	0.14	U	1.0	0.14	ug/L			06/29/11 18:12	1
3-Chloro-1-propene	0.20	U	1.0	0.20	ug/L			06/29/11 18:12	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			06/29/11 18:12	1
Ethylene Dibromide	0.25	U	1.0	0.25	ug/L			06/29/11 18:12	1
trans-1,4-Dichloro-2-butene	0.50	U	2.0	0.50	ug/L			06/29/11 18:12	1
Dichlorodifluoromethane	**0.73**	**J**	1.0	0.25	ug/L			06/29/11 18:12	1
1,1-Dichloroethane	**1.3**		1.0	0.25	ug/L			06/29/11 18:12	1
1,2-Dichloroethane	0.10	U	1.0	0.10	ug/L			06/29/11 18:12	1
trans-1,2-Dichloroethene	0.20	U	1.0	0.20	ug/L			06/29/11 18:12	1
1,1-Dichloroethene	0.11	U	1.0	0.11	ug/L			06/29/11 18:12	1
Methylene Chloride	**3.1**	**J B**	5.0	1.0	ug/L			06/29/11 18:12	1
1,2-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/29/11 18:12	1
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			06/29/11 18:12	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			06/29/11 18:12	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			06/29/11 18:12	1
2-Butanone (MEK)	1.0	U	10	1.0	ug/L			06/29/11 18:12	1
Iodomethane	1.0	U	5.0	1.0	ug/L			06/29/11 18:12	1
Methacrylonitrile	3.3	U	20	3.3	ug/L			06/29/11 18:12	1
4-Methyl-2-pentanone (MIBK)	1.0	U	10	1.0	ug/L			06/29/11 18:12	1
Styrene	0.11	U	1.0	0.11	ug/L			06/29/11 18:12	1
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			06/29/11 18:12	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			06/29/11 18:12	1
Tetrachloroethene	0.15	U	1.0	0.15	ug/L			06/29/11 18:12	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			06/29/11 18:12	1
Toluene	0.33	U	1.0	0.33	ug/L			06/29/11 18:12	1
Bromoform	0.50	U	1.0	0.50	ug/L			06/29/11 18:12	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			06/29/11 18:12	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			06/29/11 18:12	1
Trichloroethene	**0.37**	**J**	1.0	0.13	ug/L			06/29/11 18:12	1
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			06/29/11 18:12	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			06/29/11 18:12	1
Vinyl acetate	0.28	U	2.0	0.28	ug/L			06/29/11 18:12	1
Vinyl chloride	**0.45**	**J**	1.0	0.18	ug/L			06/29/11 18:12	1
Xylenes, Total	0.20	U	2.0	0.20	ug/L			06/29/11 18:12	1
2-Hexanone	1.0	U	10	1.0	ug/L			06/29/11 18:12	1
Propionitrile	4.6	U	20	4.6	ug/L			06/29/11 18:12	1
Methyl methacrylate	0.48	U	1.0	0.48	ug/L			06/29/11 18:12	1
Acrolein	7.4	U	20	7.4	ug/L			06/29/11 18:12	1
Acrylonitrile	7.2	U	20	7.2	ug/L			06/29/11 18:12	1
Ethyl methacrylate	0.25	U	1.0	0.25	ug/L			06/29/11 18:12	1

Client Sample ID: SLSW-2-6-11

Lab Sample ID: 680-69845-8

Date Collected: 06/27/11 10:30

Matrix: Water

Date Received: 06/28/11 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isobutyl alcohol	11	U	40	11	ug/L			06/29/11 18:12	1
Chlorobromomethane	0.14	U	1.0	0.14	ug/L			06/29/11 18:12	1
cis-1,2-Dichloroethene	**0.69**	**J**	1.0	0.15	ug/L			06/29/11 18:12	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/29/11 18:12	1
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			06/29/11 18:12	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			06/29/11 18:12	1
2-Chloro-1,3-butadiene	0.30	U	1.0	0.30	ug/L			06/29/11 18:12	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			06/29/11 18:12	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 18:12	1
1,4-Dichlorobenzene	**0.31**	**J**	1.0	0.28	ug/L			06/29/11 18:12	1
1,2,4-Trichlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 18:12	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			06/29/11 18:12	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*70 - 130*		*06/29/11 18:12*	*1*
4-Bromofluorobenzene	*96*		*70 - 130*		*06/29/11 18:12*	*1*
Dibromofluoromethane	*107*		*70 - 130*		*06/29/11 18:12*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.72	U	9.5	0.72	ug/L		06/29/11 14:40	07/14/11 10:30	1
Acenaphthylene	0.81	U	9.5	0.81	ug/L		06/29/11 14:40	07/14/11 10:30	1
Acetophenone	0.54	U	9.5	0.54	ug/L		06/29/11 14:40	07/14/11 10:30	1
2-Acetylaminofluorene	1.5	U	9.5	1.5	ug/L		06/29/11 14:40	07/14/11 10:30	1
4-Aminobiphenyl	1.1	U	9.5	1.1	ug/L		06/29/11 14:40	07/14/11 10:30	1
Anthracene	0.66	U	9.5	0.66	ug/L		06/29/11 14:40	07/14/11 10:30	1
Benzo[a]anthracene	0.52	U	9.5	0.52	ug/L		06/29/11 14:40	07/14/11 10:30	1
Benzo[a]pyrene	0.67	U	9.5	0.67	ug/L		06/29/11 14:40	07/14/11 10:30	1
Benzo[b]fluoranthene	2.5	U	9.5	2.5	ug/L		06/29/11 14:40	07/14/11 10:30	1
Benzo[g,h,i]perylene	0.83	U	9.5	0.83	ug/L		06/29/11 14:40	07/14/11 10:30	1
Benzo[k]fluoranthene	1.1	U	9.5	1.1	ug/L		06/29/11 14:40	07/14/11 10:30	1
Benzyl alcohol	1.0	U	9.5	1.0	ug/L		06/29/11 14:40	07/14/11 10:30	1
1,1'-Biphenyl	0.55	U	9.5	0.55	ug/L		06/29/11 14:40	07/14/11 10:30	1
Bis(2-chloroethoxy)methane	0.89	U	9.5	0.89	ug/L		06/29/11 14:40	07/14/11 10:30	1
Bis(2-chloroethyl)ether	1.0	U	9.5	1.0	ug/L		06/29/11 14:40	07/14/11 10:30	1
bis(chloroisopropyl) ether	0.74	U	9.5	0.74	ug/L		06/29/11 14:40	07/14/11 10:30	1
Bis(2-ethylhexyl) phthalate	1.5	U	9.5	1.5	ug/L		06/29/11 14:40	07/14/11 10:30	1
4-Bromophenyl phenyl ether	0.73	U	9.5	0.73	ug/L		06/29/11 14:40	07/14/11 10:30	1
Butyl benzyl phthalate	1.1	U	9.5	1.1	ug/L		06/29/11 14:40	07/14/11 10:30	1
4-Chloroaniline	2.1	U	19	2.1	ug/L		06/29/11 14:40	07/14/11 10:30	1
4-Chloro-3-methylphenol	0.95	U	9.5	0.95	ug/L		06/29/11 14:40	07/14/11 10:30	1
2-Chloronaphthalene	0.76	U	9.5	0.76	ug/L		06/29/11 14:40	07/14/11 10:30	1
2-Chlorophenol	0.83	U	9.5	0.83	ug/L		06/29/11 14:40	07/14/11 10:30	1
4-Chlorophenyl phenyl ether	0.80	U	9.5	0.80	ug/L		06/29/11 14:40	07/14/11 10:30	1
Chrysene	0.48	U	9.5	0.48	ug/L		06/29/11 14:40	07/14/11 10:30	1
Diallate	0.74	U	9.5	0.74	ug/L		06/29/11 14:40	07/14/11 10:30	1
Dibenz(a,h)anthracene	0.95	U	9.5	0.95	ug/L		06/29/11 14:40	07/14/11 10:30	1
Dibenzofuran	0.75	U	9.5	0.75	ug/L		06/29/11 14:40	07/14/11 10:30	1
3,3'-Dichlorobenzidine	29	U	57	29	ug/L		06/29/11 14:40	07/14/11 10:30	1
2,4-Dichlorophenol	1.0	U	9.5	1.0	ug/L		06/29/11 14:40	07/14/11 10:30	1

Client Sample ID: SLSW-2-6-11

Lab Sample ID: 680-69845-8

Date Collected: 06/27/11 10:30

Matrix: Water

Date Received: 06/28/11 10:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dichlorophenol	0.69	U	9.5	0.69	ug/L		06/29/11 14:40	07/14/11 10:30	1
Diethyl phthalate	0.84	U	9.5	0.84	ug/L		06/29/11 14:40	07/14/11 10:30	1
Dimethoate	0.71	U	9.5	0.71	ug/L		06/29/11 14:40	07/14/11 10:30	1
7,12-Dimethylbenz(a)anthracene	1.1	U	9.5	1.1	ug/L		06/29/11 14:40	07/14/11 10:30	1
3,3'-Dimethylbenzidine	9.5	U	19	9.5	ug/L		06/29/11 14:40	07/14/11 10:30	1
2,4-Dimethylphenol	3.8	U	9.5	3.8	ug/L		06/29/11 14:40	07/14/11 10:30	1
Dimethyl phthalate	0.94	U	9.5	0.94	ug/L		06/29/11 14:40	07/14/11 10:30	1
Di-n-butyl phthalate	0.79	U	9.5	0.79	ug/L		06/29/11 14:40	07/14/11 10:30	1
1,3-Dinitrobenzene	0.57	U	9.5	0.57	ug/L		06/29/11 14:40	07/14/11 10:30	1
4,6-Dinitro-2-methylphenol	9.5	U	48	9.5	ug/L		06/29/11 14:40	07/14/11 10:30	1
2,4-Dinitrophenol	9.5	U	48	9.5	ug/L		06/29/11 14:40	07/14/11 10:30	1
2,4-Dinitrotoluene	1.1	U	9.5	1.1	ug/L		06/29/11 14:40	07/14/11 10:30	1
2,6-Dinitrotoluene	1.0	U	9.5	1.0	ug/L		06/29/11 14:40	07/14/11 10:30	1
Di-n-octyl phthalate	1.3	U	9.5	1.3	ug/L		06/29/11 14:40	07/14/11 10:30	1
Dinoseb	4.8	U	9.5	4.8	ug/L		06/29/11 14:40	07/14/11 10:30	1
1,4-Dioxane	3.2	U	9.5	3.2	ug/L		06/29/11 14:40	07/14/11 10:30	1
Disulfoton	0.75	U	9.5	0.75	ug/L		06/29/11 14:40	07/14/11 10:30	1
Ethyl methanesulfonate	0.91	U	9.5	0.91	ug/L		06/29/11 14:40	07/14/11 10:30	1
Ethyl Parathion	1.2	U	9.5	1.2	ug/L		06/29/11 14:40	07/14/11 10:30	1
Famphur	1.0	U Q	9.5	1.0	ug/L		06/29/11 14:40	07/14/11 10:30	1
Fluoranthene	0.70	U	9.5	0.70	ug/L		06/29/11 14:40	07/14/11 10:30	1
Fluorene	0.91	U	9.5	0.91	ug/L		06/29/11 14:40	07/14/11 10:30	1
Hexachlorobenzene	0.75	U	9.5	0.75	ug/L		06/29/11 14:40	07/14/11 10:30	1
Hexachlorobutadiene	0.59	U	9.5	0.59	ug/L		06/29/11 14:40	07/14/11 10:30	1
Hexachlorocyclopentadiene	2.4	U	9.5	2.4	ug/L		06/29/11 14:40	07/14/11 10:30	1
Hexachloroethane	0.72	U	9.5	0.72	ug/L		06/29/11 14:40	07/14/11 10:30	1
Hexachloropropene	1.3	U	9.5	1.3	ug/L		06/29/11 14:40	07/14/11 10:30	1
Indeno[1,2,3-cd]pyrene	0.95	U	9.5	0.95	ug/L		06/29/11 14:40	07/14/11 10:30	1
Isophorone	0.86	U	9.5	0.86	ug/L		06/29/11 14:40	07/14/11 10:30	1
Isosafrole	0.48	U	9.5	0.48	ug/L		06/29/11 14:40	07/14/11 10:30	1
Methapyrilene	2.6	U	1900	2.6	ug/L		06/29/11 14:40	07/14/11 10:30	1
3-Methylcholanthrene	1.3	U	9.5	1.3	ug/L		06/29/11 14:40	07/14/11 10:30	1
Methyl methanesulfonate	0.57	U	9.5	0.57	ug/L		06/29/11 14:40	07/14/11 10:30	1
2-Methylnaphthalene	0.74	U	9.5	0.74	ug/L		06/29/11 14:40	07/14/11 10:30	1
Methyl parathion	0.84	U	9.5	0.84	ug/L		06/29/11 14:40	07/14/11 10:30	1
2-Methylphenol	0.85	U	9.5	0.85	ug/L		06/29/11 14:40	07/14/11 10:30	1
3 & 4 Methylphenol	1.2	U	9.5	1.2	ug/L		06/29/11 14:40	07/14/11 10:30	1
Naphthalene	0.67	U	9.5	0.67	ug/L		06/29/11 14:40	07/14/11 10:30	1
1,4-Naphthoquinone	0.59	U	9.5	0.59	ug/L		06/29/11 14:40	07/14/11 10:30	1
1-Naphthylamine	1.0	U	9.5	1.0	ug/L		06/29/11 14:40	07/14/11 10:30	1
2-Naphthylamine	1.4	U	9.5	1.4	ug/L		06/29/11 14:40	07/14/11 10:30	1
2-Nitroaniline	1.2	U	48	1.2	ug/L		06/29/11 14:40	07/14/11 10:30	1
3-Nitroaniline	4.8	U	48	4.8	ug/L		06/29/11 14:40	07/14/11 10:30	1
4-Nitroaniline	4.8	U	48	4.8	ug/L		06/29/11 14:40	07/14/11 10:30	1
Nitrobenzene	0.69	U	9.5	0.69	ug/L		06/29/11 14:40	07/14/11 10:30	1
2-Nitrophenol	0.72	U	9.5	0.72	ug/L		06/29/11 14:40	07/14/11 10:30	1
4-Nitrophenol	1.8	U	48	1.8	ug/L		06/29/11 14:40	07/14/11 10:30	1
N-Nitro-o-toluidine	1.4	U	9.5	1.4	ug/L		06/29/11 14:40	07/14/11 10:30	1
N-Nitrosodiethylamine	0.88	U	9.5	0.88	ug/L		06/29/11 14:40	07/14/11 10:30	1
N-Nitrosodimethylamine	2.7	U	9.5	2.7	ug/L		06/29/11 14:40	07/14/11 10:30	1

Client Sample ID: SLSW-2-6-11

Date Collected: 06/27/11 10:30
Date Received: 06/28/11 10:00

Lab Sample ID: 680-69845-8

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-butylamine	0.91	U	9.5	0.91	ug/L		06/29/11 14:40	07/14/11 10:30	1
N-Nitrosodi-n-propylamine	0.68	U	9.5	0.68	ug/L		06/29/11 14:40	07/14/11 10:30	1
N-Nitrosodiphenylamine	0.87	U	9.5	0.87	ug/L		06/29/11 14:40	07/14/11 10:30	1
N-Nitrosomethylethylamine	3.1	U	9.5	3.1	ug/L		06/29/11 14:40	07/14/11 10:30	1
N-Nitrosopiperidine	0.84	U	9.5	0.84	ug/L		06/29/11 14:40	07/14/11 10:30	1
N-Nitrosopyrrolidine	0.95	U	9.5	0.95	ug/L		06/29/11 14:40	07/14/11 10:30	1
o,o',o"-Triethylphosphorothioate	0.95	U	9.5	0.95	ug/L		06/29/11 14:40	07/14/11 10:30	1
p-Dimethylamino azobenzene	0.75	U	9.5	0.75	ug/L		06/29/11 14:40	07/14/11 10:30	1
Pentachlorobenzene	0.49	U	9.5	0.49	ug/L		06/29/11 14:40	07/14/11 10:30	1
Pentachloronitrobenzene	0.74	U	9.5	0.74	ug/L		06/29/11 14:40	07/14/11 10:30	1
Pentachlorophenol	1.9	U	48	1.9	ug/L		06/29/11 14:40	07/14/11 10:30	1
Phenacetin	1.3	U	9.5	1.3	ug/L		06/29/11 14:40	07/14/11 10:30	1
Phenanthrene	0.73	U	9.5	0.73	ug/L		06/29/11 14:40	07/14/11 10:30	1
Phenol	0.79	U	9.5	0.79	ug/L		06/29/11 14:40	07/14/11 10:30	1
Phorate	0.83	U	9.5	0.83	ug/L		06/29/11 14:40	07/14/11 10:30	1
p-Phenylene diamine	9.5	U	1900	9.5	ug/L		06/29/11 14:40	07/14/11 10:30	1
Pronamide	0.85	U	9.5	0.85	ug/L		06/29/11 14:40	07/14/11 10:30	1
Pyrene	0.60	U	9.5	0.60	ug/L		06/29/11 14:40	07/14/11 10:30	1
Safrole, Total	0.76	U	9.5	0.76	ug/L		06/29/11 14:40	07/14/11 10:30	1
Sulfotepp	0.50	U	9.5	0.50	ug/L		06/29/11 14:40	07/14/11 10:30	1
1,2,4,5-Tetrachlorobenzene	0.72	U	9.5	0.72	ug/L		06/29/11 14:40	07/14/11 10:30	1
2,3,4,6-Tetrachlorophenol	0.68	U	9.5	0.68	ug/L		06/29/11 14:40	07/14/11 10:30	1
Thionazin	0.87	U	9.5	0.87	ug/L		06/29/11 14:40	07/14/11 10:30	1
2-Toluidine	1.3	U	9.5	1.3	ug/L		06/29/11 14:40	07/14/11 10:30	1
2,4,5-Trichlorophenol	1.1	U	9.5	1.1	ug/L		06/29/11 14:40	07/14/11 10:30	1
2,4,6-Trichlorophenol	0.81	U	9.5	0.81	ug/L		06/29/11 14:40	07/14/11 10:30	1
1,3,5-Trinitrobenzene	1.9	U	9.5	1.9	ug/L		06/29/11 14:40	07/14/11 10:30	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*66*		*38 - 130*	*06/29/11 14:40*	*07/14/11 10:30*	*1*
2-Fluorophenol	*55*		*25 - 130*	*06/29/11 14:40*	*07/14/11 10:30*	*1*
Nitrobenzene-d5	*69*		*39 - 130*	*06/29/11 14:40*	*07/14/11 10:30*	*1*
Phenol-d5	*60*		*25 - 130*	*06/29/11 14:40*	*07/14/11 10:30*	*1*
Terphenyl-d14	*30*		*10 - 143*	*06/29/11 14:40*	*07/14/11 10:30*	*1*
2,4,6-Tribromophenol	*69*		*31 - 141*	*06/29/11 14:40*	*07/14/11 10:30*	*1*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0062	U	0.095	0.0062	ug/L		06/29/11 14:40	07/06/11 03:56	1
4,4'-DDE	0.0073	U	0.095	0.0073	ug/L		06/29/11 14:40	07/06/11 03:56	1
4,4'-DDT	0.0092	U	0.095	0.0092	ug/L		06/29/11 14:40	07/06/11 03:56	1
Aldrin	0.0067	U	0.048	0.0067	ug/L		06/29/11 14:40	07/06/11 03:56	1
alpha-BHC	0.0054	U	0.048	0.0054	ug/L		06/29/11 14:40	07/06/11 03:56	1
beta-BHC	0.0064	U	0.048	0.0064	ug/L		06/29/11 14:40	07/06/11 03:56	1
Chlordane (technical)	0.095	U	0.48	0.095	ug/L		06/29/11 14:40	07/06/11 03:56	1
Chlorobenzilate	0.48	U	0.48	0.48	ug/L		06/29/11 14:40	07/06/11 03:56	1
delta-BHC	0.0046	U	0.048	0.0046	ug/L		06/29/11 14:40	07/06/11 03:56	1
Dieldrin	0.0087	U	0.095	0.0087	ug/L		06/29/11 14:40	07/06/11 03:56	1
Endosulfan I	0.0040	U	0.048	0.0040	ug/L		06/29/11 14:40	07/06/11 03:56	1
Endosulfan II	0.0093	U	0.095	0.0093	ug/L		06/29/11 14:40	07/06/11 03:56	1

Client Sample ID: SLSW-2-6-11

Lab Sample ID: 680-69845-8

Date Collected: 06/27/11 10:30

Matrix: Water

Date Received: 06/28/11 10:00

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan sulfate	0.0065	U	0.095	0.0065	ug/L		06/29/11 14:40	07/06/11 03:56	1
Endrin	0.0092	U	0.095	0.0092	ug/L		06/29/11 14:40	07/06/11 03:56	1
Endrin aldehyde	0.015	U	0.095	0.015	ug/L		06/29/11 14:40	07/06/11 03:56	1
gamma-BHC (Lindane)	0.0056	U	0.048	0.0056	ug/L		06/29/11 14:40	07/06/11 03:56	1
Heptachlor	0.0067	U	0.048	0.0067	ug/L		06/29/11 14:40	07/06/11 03:56	1
Heptachlor epoxide	0.0057	U	0.048	0.0057	ug/L		06/29/11 14:40	07/06/11 03:56	1
Isodrin	0.048	U	0.048	0.048	ug/L		06/29/11 14:40	07/06/11 03:56	1
Methoxychlor	0.012	U	0.095	0.012	ug/L		06/29/11 14:40	07/06/11 03:56	1
PCB-1016	0.068	U	0.95	0.068	ug/L		06/29/11 14:40	07/06/11 03:56	1
PCB-1221	0.27	U	1.9	0.27	ug/L		06/29/11 14:40	07/06/11 03:56	1
PCB-1232	0.10	U	0.95	0.10	ug/L		06/29/11 14:40	07/06/11 03:56	1
PCB-1242	0.17	U	0.95	0.17	ug/L		06/29/11 14:40	07/06/11 03:56	1
PCB-1248	0.34	U	0.95	0.34	ug/L		06/29/11 14:40	07/06/11 03:56	1
PCB-1254	0.25	U	0.95	0.25	ug/L		06/29/11 14:40	07/06/11 03:56	1
PCB-1260	0.19	U	0.95	0.19	ug/L		06/29/11 14:40	07/06/11 03:56	1
PCB-1262	0.23	U	0.95	0.23	ug/L		06/29/11 14:40	07/06/11 03:56	1
Toxaphene	0.48	U	4.8	0.48	ug/L		06/29/11 14:40	07/06/11 03:56	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*12*	*J*	*40 - 130*	*06/29/11 14:40*	*07/06/11 03:56*	*1*
Tetrachloro-m-xylene	*52*		*36 - 130*	*06/29/11 14:40*	*07/06/11 03:56*	*1*

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethoate	0.95	U	1.9	0.95	ug/L		06/29/11 14:40	07/03/11 02:55	1
Disulfoton	0.95	U	1.9	0.95	ug/L		06/29/11 14:40	07/03/11 02:55	1
Ethyl Parathion	0.48	U	0.95	0.48	ug/L		06/29/11 14:40	07/03/11 02:55	1
Famphur	0.95	U	1.9	0.95	ug/L		06/29/11 14:40	07/03/11 02:55	1
Methyl parathion	0.48	U	0.48	0.48	ug/L		06/29/11 14:40	07/03/11 02:55	1
Phorate	0.48	U	0.95	0.48	ug/L		06/29/11 14:40	07/03/11 02:55	1
Sulfotepp	0.48	U	0.48	0.48	ug/L		06/29/11 14:40	07/03/11 02:55	1
Thionazin	0.48	U	0.95	0.48	ug/L		06/29/11 14:40	07/03/11 02:55	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*81*		*67 - 130*	*06/29/11 14:40*	*07/03/11 02:55*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.035	U	0.48	0.035	ug/L		06/29/11 07:58	07/01/11 02:49	1
2,4-DB	0.14	U	0.48	0.14	ug/L		06/29/11 07:58	07/01/11 02:49	1
2,4,5-T	0.059	U	0.48	0.059	ug/L		06/29/11 07:58	07/01/11 02:49	1
Silvex (2,4,5-TP)	0.059	U	0.48	0.059	ug/L		06/29/11 07:58	07/01/11 02:49	1
Dalapon	0.096	U	9.6	0.096	ug/L		06/29/11 07:58	07/01/11 02:49	1
Dicamba	0.081	U	0.48	0.081	ug/L		06/29/11 07:58	07/01/11 02:49	1
Dichlorprop	0.14	U	0.48	0.14	ug/L		06/29/11 07:58	07/01/11 02:49	1
Dinoseb	0.15	U	5.7	0.15	ug/L		06/29/11 07:58	07/01/11 02:49	1
MCPA	16	U	110	16	ug/L		06/29/11 07:58	07/01/11 02:49	1
Mecoprop	18	U	110	18	ug/L		06/29/11 07:58	07/01/11 02:49	1
Pentachlorophenol	0.035	U	0.24	0.035	ug/L		06/29/11 07:58	07/01/11 02:49	1

Client Sample ID: SLSW-2-6-11

Lab Sample ID: 680-69845-8

Date Collected: 06/27/11 10:30
Matrix: Water
Date Received: 06/28/11 10:00

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*78*	*J*	*52 - 151*	*06/29/11 07:58*	*07/01/11 02:49*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.99	U	2.0	0.99	ug/L		06/28/11 14:35	07/10/11 01:00	1
Arsenic	**2.4**		1.0	0.40	ug/L		06/28/11 14:35	07/08/11 16:55	1
Barium	**22**		1.0	0.15	ug/L		06/28/11 14:35	07/08/11 16:55	1
Beryllium	**0.077**	**J**	0.20	0.070	ug/L		06/28/11 14:35	07/08/11 16:55	1
Cadmium	0.20	U	0.50	0.20	ug/L		06/28/11 14:35	07/08/11 16:55	1
Chromium	**2.0**		1.0	0.16	ug/L		06/28/11 14:35	07/08/11 16:55	1
Cobalt	**0.26**		0.20	0.078	ug/L		06/28/11 14:35	07/08/11 16:55	1
Copper	**2.9**		1.0	0.21	ug/L		06/28/11 14:35	07/08/11 16:55	1
Lead	**3.3**		0.30	0.080	ug/L		06/28/11 14:35	07/08/11 16:55	1
Nickel	**1.0**		1.0	0.40	ug/L		06/28/11 14:35	07/08/11 16:55	1
Selenium	**1.3**		0.50	0.21	ug/L		06/28/11 14:35	07/08/11 16:55	1
Silver	0.10	U	0.20	0.10	ug/L		06/28/11 14:35	07/08/11 16:55	1
Thallium	0.10	U	0.20	0.10	ug/L		06/28/11 14:35	07/08/11 16:55	1
Tin	0.40	U	1.0	0.40	ug/L		06/28/11 14:35	07/10/11 01:00	1
Vanadium	**4.1**	**J**	5.0	1.4	ug/L		06/28/11 14:35	07/08/11 16:55	1
Zinc	**20**		10	2.6	ug/L		06/28/11 14:35	07/08/11 16:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**0.39**		0.25	0.075	mg/L			06/28/11 23:44	5
Cyanide, Total	0.0050	U	0.010	0.0050	mg/L		06/30/11 06:00	06/30/11 11:52	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	10	U	10	10	mg/L		06/29/11 10:30	06/29/11 14:33	1

Client Sample ID: SLMW-BLANK-6-11

Lab Sample ID: 680-69845-9

Date Collected: 06/27/11 11:10
Matrix: Water
Date Received: 06/28/11 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	10	U	40	10	ug/L			06/29/11 16:31	1
Acetone	5.0	U	25	5.0	ug/L			06/29/11 16:31	1
Benzene	0.25	U	1.0	0.25	ug/L			06/29/11 16:31	1
Dichlorobromomethane	0.25	U	1.0	0.25	ug/L			06/29/11 16:31	1
Bromomethane	0.80	U	1.0	0.80	ug/L			06/29/11 16:31	1
Carbon disulfide	0.60	U	2.0	0.60	ug/L			06/29/11 16:31	1
Chlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 16:31	1
Chlorodibromomethane	0.10	U	1.0	0.10	ug/L			06/29/11 16:31	1
Chloroethane	1.0	U	1.0	1.0	ug/L			06/29/11 16:31	1
Chloromethane	0.33	U	1.0	0.33	ug/L			06/29/11 16:31	1
Chloroform	0.14	U	1.0	0.14	ug/L			06/29/11 16:31	1
3-Chloro-1-propene	0.20	U	1.0	0.20	ug/L			06/29/11 16:31	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			06/29/11 16:31	1
Ethylene Dibromide	0.25	U	1.0	0.25	ug/L			06/29/11 16:31	1
trans-1,4-Dichloro-2-butene	0.50	U	2.0	0.50	ug/L			06/29/11 16:31	1

Client Sample ID: SLMW-BLANK-6-11

Lab Sample ID: 680-69845-9

Date Collected: 06/27/11 11:10

Matrix: Water

Date Received: 06/28/11 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.25	U	1.0	0.25	ug/L			06/29/11 16:31	1
1,1-Dichloroethane	0.25	U	1.0	0.25	ug/L			06/29/11 16:31	1
1,2-Dichloroethane	0.10	U	1.0	0.10	ug/L			06/29/11 16:31	1
trans-1,2-Dichloroethene	0.20	U	1.0	0.20	ug/L			06/29/11 16:31	1
1,1-Dichloroethene	0.11	U	1.0	0.11	ug/L			06/29/11 16:31	1
Methylene Chloride	**3.6**	**J B**	5.0	1.0	ug/L			06/29/11 16:31	1
1,2-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/29/11 16:31	1
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			06/29/11 16:31	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			06/29/11 16:31	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			06/29/11 16:31	1
2-Butanone (MEK)	1.0	U	10	1.0	ug/L			06/29/11 16:31	1
Iodomethane	1.0	U	5.0	1.0	ug/L			06/29/11 16:31	1
Methacrylonitrile	3.3	U	20	3.3	ug/L			06/29/11 16:31	1
4-Methyl-2-pentanone (MIBK)	1.0	U	10	1.0	ug/L			06/29/11 16:31	1
Styrene	0.11	U	1.0	0.11	ug/L			06/29/11 16:31	1
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			06/29/11 16:31	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			06/29/11 16:31	1
Tetrachloroethene	0.15	U	1.0	0.15	ug/L			06/29/11 16:31	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			06/29/11 16:31	1
Toluene	**0.84**	**J**	1.0	0.33	ug/L			06/29/11 16:31	1
Bromoform	0.50	U	1.0	0.50	ug/L			06/29/11 16:31	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			06/29/11 16:31	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			06/29/11 16:31	1
Trichloroethene	0.13	U	1.0	0.13	ug/L			06/29/11 16:31	1
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			06/29/11 16:31	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			06/29/11 16:31	1
Vinyl acetate	0.28	U	2.0	0.28	ug/L			06/29/11 16:31	1
Vinyl chloride	0.18	U	1.0	0.18	ug/L			06/29/11 16:31	1
Xylenes, Total	0.20	U	2.0	0.20	ug/L			06/29/11 16:31	1
2-Hexanone	1.0	U	10	1.0	ug/L			06/29/11 16:31	1
Propionitrile	4.6	U	20	4.6	ug/L			06/29/11 16:31	1
Methyl methacrylate	0.48	U	1.0	0.48	ug/L			06/29/11 16:31	1
Acrolein	7.4	U	20	7.4	ug/L			06/29/11 16:31	1
Acrylonitrile	7.2	U	20	7.2	ug/L			06/29/11 16:31	1
Ethyl methacrylate	0.25	U	1.0	0.25	ug/L			06/29/11 16:31	1
Isobutyl alcohol	11	U	40	11	ug/L			06/29/11 16:31	1
Chlorobromomethane	0.14	U	1.0	0.14	ug/L			06/29/11 16:31	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			06/29/11 16:31	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/29/11 16:31	1
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			06/29/11 16:31	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			06/29/11 16:31	1
2-Chloro-1,3-butadiene	0.30	U	1.0	0.30	ug/L			06/29/11 16:31	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			06/29/11 16:31	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 16:31	1
1,4-Dichlorobenzene	0.28	U	1.0	0.28	ug/L			06/29/11 16:31	1
1,2,4-Trichlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 16:31	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			06/29/11 16:31	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*108*		*70 - 130*		*06/29/11 16:31*	*1*

Client Sample ID: SLMW-BLANK-6-11

Lab Sample ID: 680-69845-9

Date Collected: 06/27/11 11:10

Matrix: Water

Date Received: 06/28/11 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		70 - 130		06/29/11 16:31	1
Dibromofluoromethane	110		70 - 130		06/29/11 16:31	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.72	U	9.5	0.72	ug/L		06/29/11 14:40	07/14/11 10:59	1
Acenaphthylene	0.80	U	9.5	0.80	ug/L		06/29/11 14:40	07/14/11 10:59	1
Acetophenone	0.54	U	9.5	0.54	ug/L		06/29/11 14:40	07/14/11 10:59	1
2-Acetylaminofluorene	1.5	U	9.5	1.5	ug/L		06/29/11 14:40	07/14/11 10:59	1
4-Aminobiphenyl	1.1	U	9.5	1.1	ug/L		06/29/11 14:40	07/14/11 10:59	1
Anthracene	0.65	U	9.5	0.65	ug/L		06/29/11 14:40	07/14/11 10:59	1
Benzo[a]anthracene	0.52	U	9.5	0.52	ug/L		06/29/11 14:40	07/14/11 10:59	1
Benzo[a]pyrene	0.67	U	9.5	0.67	ug/L		06/29/11 14:40	07/14/11 10:59	1
Benzo[b]fluoranthene	2.5	U	9.5	2.5	ug/L		06/29/11 14:40	07/14/11 10:59	1
Benzo[g,h,i]perylene	0.82	U	9.5	0.82	ug/L		06/29/11 14:40	07/14/11 10:59	1
Benzo[k]fluoranthene	1.1	U	9.5	1.1	ug/L		06/29/11 14:40	07/14/11 10:59	1
Benzyl alcohol	1.0	U	9.5	1.0	ug/L		06/29/11 14:40	07/14/11 10:59	1
1,1'-Biphenyl	0.55	U	9.5	0.55	ug/L		06/29/11 14:40	07/14/11 10:59	1
Bis(2-chloroethoxy)methane	0.89	U	9.5	0.89	ug/L		06/29/11 14:40	07/14/11 10:59	1
Bis(2-chloroethyl)ether	1.0	U	9.5	1.0	ug/L		06/29/11 14:40	07/14/11 10:59	1
bis(chloroisopropyl) ether	0.74	U	9.5	0.74	ug/L		06/29/11 14:40	07/14/11 10:59	1
Bis(2-ethylhexyl) phthalate	1.5	U	9.5	1.5	ug/L		06/29/11 14:40	07/14/11 10:59	1
4-Bromophenyl phenyl ether	0.73	U	9.5	0.73	ug/L		06/29/11 14:40	07/14/11 10:59	1
Butyl benzyl phthalate	1.1	U	9.5	1.1	ug/L		06/29/11 14:40	07/14/11 10:59	1
4-Chloroaniline	2.1	U	19	2.1	ug/L		06/29/11 14:40	07/14/11 10:59	1
4-Chloro-3-methylphenol	0.95	U	9.5	0.95	ug/L		06/29/11 14:40	07/14/11 10:59	1
2-Chloronaphthalene	0.76	U	9.5	0.76	ug/L		06/29/11 14:40	07/14/11 10:59	1
2-Chlorophenol	0.82	U	9.5	0.82	ug/L		06/29/11 14:40	07/14/11 10:59	1
4-Chlorophenyl phenyl ether	0.79	U	9.5	0.79	ug/L		06/29/11 14:40	07/14/11 10:59	1
Chrysene	0.48	U	9.5	0.48	ug/L		06/29/11 14:40	07/14/11 10:59	1
Diallate	0.74	U	9.5	0.74	ug/L		06/29/11 14:40	07/14/11 10:59	1
Dibenz(a,h)anthracene	0.95	U	9.5	0.95	ug/L		06/29/11 14:40	07/14/11 10:59	1
Dibenzofuran	0.75	U	9.5	0.75	ug/L		06/29/11 14:40	07/14/11 10:59	1
3,3'-Dichlorobenzidine	28	U	57	28	ug/L		06/29/11 14:40	07/14/11 10:59	1
2,4-Dichlorophenol	1.0	U	9.5	1.0	ug/L		06/29/11 14:40	07/14/11 10:59	1
2,6-Dichlorophenol	0.69	U	9.5	0.69	ug/L		06/29/11 14:40	07/14/11 10:59	1
Diethyl phthalate	0.83	U	9.5	0.83	ug/L		06/29/11 14:40	07/14/11 10:59	1
Dimethoate	0.71	U	9.5	0.71	ug/L		06/29/11 14:40	07/14/11 10:59	1
7,12-Dimethylbenz(a)anthracene	1.1	U	9.5	1.1	ug/L		06/29/11 14:40	07/14/11 10:59	1
3,3'-Dimethylbenzidine	9.5	U	19	9.5	ug/L		06/29/11 14:40	07/14/11 10:59	1
2,4-Dimethylphenol	3.8	U	9.5	3.8	ug/L		06/29/11 14:40	07/14/11 10:59	1
Dimethyl phthalate	0.94	U	9.5	0.94	ug/L		06/29/11 14:40	07/14/11 10:59	1
Di-n-butyl phthalate	0.78	U	9.5	0.78	ug/L		06/29/11 14:40	07/14/11 10:59	1
1,3-Dinitrobenzene	0.57	U	9.5	0.57	ug/L		06/29/11 14:40	07/14/11 10:59	1
4,6-Dinitro-2-methylphenol	9.5	U	47	9.5	ug/L		06/29/11 14:40	07/14/11 10:59	1
2,4-Dinitrophenol	9.5	U	47	9.5	ug/L		06/29/11 14:40	07/14/11 10:59	1
2,4-Dinitrotoluene	1.1	U	9.5	1.1	ug/L		06/29/11 14:40	07/14/11 10:59	1
2,6-Dinitrotoluene	1.0	U	9.5	1.0	ug/L		06/29/11 14:40	07/14/11 10:59	1
Di-n-octyl phthalate	1.3	U	9.5	1.3	ug/L		06/29/11 14:40	07/14/11 10:59	1

Client Sample ID: SLMW-BLANK-6-11

Lab Sample ID: 680-69845-9

Date Collected: 06/27/11 11:10

Matrix: Water

Date Received: 06/28/11 10:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dinoseb	4.7	U	9.5	4.7	ug/L		06/29/11 14:40	07/14/11 10:59	1
1,4-Dioxane	3.2	U	9.5	3.2	ug/L		06/29/11 14:40	07/14/11 10:59	1
Disulfoton	0.75	U	9.5	0.75	ug/L		06/29/11 14:40	07/14/11 10:59	1
Ethyl methanesulfonate	0.91	U	9.5	0.91	ug/L		06/29/11 14:40	07/14/11 10:59	1
Ethyl Parathion	1.2	U	9.5	1.2	ug/L		06/29/11 14:40	07/14/11 10:59	1
Famphur	1.0	U Q	9.5	1.0	ug/L		06/29/11 14:40	07/14/11 10:59	1
Fluoranthene	0.70	U	9.5	0.70	ug/L		06/29/11 14:40	07/14/11 10:59	1
Fluorene	0.91	U	9.5	0.91	ug/L		06/29/11 14:40	07/14/11 10:59	1
Hexachlorobenzene	0.75	U	9.5	0.75	ug/L		06/29/11 14:40	07/14/11 10:59	1
Hexachlorobutadiene	0.59	U	9.5	0.59	ug/L		06/29/11 14:40	07/14/11 10:59	1
Hexachlorocyclopentadiene	2.4	U	9.5	2.4	ug/L		06/29/11 14:40	07/14/11 10:59	1
Hexachloroethane	0.72	U	9.5	0.72	ug/L		06/29/11 14:40	07/14/11 10:59	1
Hexachloropropene	1.3	U	9.5	1.3	ug/L		06/29/11 14:40	07/14/11 10:59	1
Indeno[1,2,3-cd]pyrene	0.95	U	9.5	0.95	ug/L		06/29/11 14:40	07/14/11 10:59	1
Isophorone	0.85	U	9.5	0.85	ug/L		06/29/11 14:40	07/14/11 10:59	1
Isosafrole	0.47	U	9.5	0.47	ug/L		06/29/11 14:40	07/14/11 10:59	1
Methapyrilene	2.6	U	1900	2.6	ug/L		06/29/11 14:40	07/14/11 10:59	1
3-Methylcholanthrene	1.3	U	9.5	1.3	ug/L		06/29/11 14:40	07/14/11 10:59	1
Methyl methanesulfonate	0.57	U	9.5	0.57	ug/L		06/29/11 14:40	07/14/11 10:59	1
2-Methylnaphthalene	0.74	U	9.5	0.74	ug/L		06/29/11 14:40	07/14/11 10:59	1
Methyl parathion	0.83	U	9.5	0.83	ug/L		06/29/11 14:40	07/14/11 10:59	1
2-Methylphenol	0.84	U	9.5	0.84	ug/L		06/29/11 14:40	07/14/11 10:59	1
3 & 4 Methylphenol	1.2	U	9.5	1.2	ug/L		06/29/11 14:40	07/14/11 10:59	1
Naphthalene	0.66	U	9.5	0.66	ug/L		06/29/11 14:40	07/14/11 10:59	1
1,4-Naphthoquinone	0.59	U	9.5	0.59	ug/L		06/29/11 14:40	07/14/11 10:59	1
1-Naphthylamine	1.0	U	9.5	1.0	ug/L		06/29/11 14:40	07/14/11 10:59	1
2-Naphthylamine	1.4	U	9.5	1.4	ug/L		06/29/11 14:40	07/14/11 10:59	1
2-Nitroaniline	1.2	U	47	1.2	ug/L		06/29/11 14:40	07/14/11 10:59	1
3-Nitroaniline	4.7	U	47	4.7	ug/L		06/29/11 14:40	07/14/11 10:59	1
4-Nitroaniline	4.7	U	47	4.7	ug/L		06/29/11 14:40	07/14/11 10:59	1
Nitrobenzene	0.69	U	9.5	0.69	ug/L		06/29/11 14:40	07/14/11 10:59	1
2-Nitrophenol	0.72	U	9.5	0.72	ug/L		06/29/11 14:40	07/14/11 10:59	1
4-Nitrophenol	1.8	U	47	1.8	ug/L		06/29/11 14:40	07/14/11 10:59	1
N-Nitro-o-toluidine	1.4	U	9.5	1.4	ug/L		06/29/11 14:40	07/14/11 10:59	1
N-Nitrosodiethylamine	0.88	U	9.5	0.88	ug/L		06/29/11 14:40	07/14/11 10:59	1
N-Nitrosodimethylamine	2.6	U	9.5	2.6	ug/L		06/29/11 14:40	07/14/11 10:59	1
N-Nitrosodi-n-butylamine	0.91	U	9.5	0.91	ug/L		06/29/11 14:40	07/14/11 10:59	1
N-Nitrosodi-n-propylamine	0.68	U	9.5	0.68	ug/L		06/29/11 14:40	07/14/11 10:59	1
N-Nitrosodiphenylamine	0.87	U	9.5	0.87	ug/L		06/29/11 14:40	07/14/11 10:59	1
N-Nitrosomethylethylamine	3.1	U	9.5	3.1	ug/L		06/29/11 14:40	07/14/11 10:59	1
N-Nitrosopiperidine	0.83	U	9.5	0.83	ug/L		06/29/11 14:40	07/14/11 10:59	1
N-Nitrosopyrrolidine	0.95	U	9.5	0.95	ug/L		06/29/11 14:40	07/14/11 10:59	1
o,o',o''-Triethylphosphorothioate	0.95	U	9.5	0.95	ug/L		06/29/11 14:40	07/14/11 10:59	1
p-Dimethylamino azobenzene	0.75	U	9.5	0.75	ug/L		06/29/11 14:40	07/14/11 10:59	1
Pentachlorobenzene	0.49	U	9.5	0.49	ug/L		06/29/11 14:40	07/14/11 10:59	1
Pentachloronitrobenzene	0.74	U	9.5	0.74	ug/L		06/29/11 14:40	07/14/11 10:59	1
Pentachlorophenol	1.9	U	47	1.9	ug/L		06/29/11 14:40	07/14/11 10:59	1
Phenacetin	1.3	U	9.5	1.3	ug/L		06/29/11 14:40	07/14/11 10:59	1
Phenanthrene	0.73	U	9.5	0.73	ug/L		06/29/11 14:40	07/14/11 10:59	1
Phenol	0.78	U	9.5	0.78	ug/L		06/29/11 14:40	07/14/11 10:59	1

Client Sample ID: SLMW-BLANK-6-11

Lab Sample ID: 680-69845-9

Date Collected: 06/27/11 11:10

Matrix: Water

Date Received: 06/28/11 10:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phorate	0.82	U	9.5	0.82	ug/L		06/29/11 14:40	07/14/11 10:59	1
p-Phenylene diamine	9.5	U	1900	9.5	ug/L		06/29/11 14:40	07/14/11 10:59	1
Pronamide	0.84	U	9.5	0.84	ug/L		06/29/11 14:40	07/14/11 10:59	1
Pyrene	0.60	U	9.5	0.60	ug/L		06/29/11 14:40	07/14/11 10:59	1
Safrole, Total	0.76	U	9.5	0.76	ug/L		06/29/11 14:40	07/14/11 10:59	1
Sulfotepp	0.50	U	9.5	0.50	ug/L		06/29/11 14:40	07/14/11 10:59	1
1,2,4,5-Tetrachlorobenzene	0.72	U	9.5	0.72	ug/L		06/29/11 14:40	07/14/11 10:59	1
2,3,4,6-Tetrachlorophenol	0.68	U	9.5	0.68	ug/L		06/29/11 14:40	07/14/11 10:59	1
Thionazin	0.86	U	9.5	0.86	ug/L		06/29/11 14:40	07/14/11 10:59	1
2-Toluidine	1.3	U	9.5	1.3	ug/L		06/29/11 14:40	07/14/11 10:59	1
2,4,5-Trichlorophenol	1.1	U	9.5	1.1	ug/L		06/29/11 14:40	07/14/11 10:59	1
2,4,6-Trichlorophenol	0.80	U	9.5	0.80	ug/L		06/29/11 14:40	07/14/11 10:59	1
1,3,5-Trinitrobenzene	1.9	U	9.5	1.9	ug/L		06/29/11 14:40	07/14/11 10:59	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*76*		*38 - 130*	*06/29/11 14:40*	*07/14/11 10:59*	*1*
2-Fluorophenol	*73*		*25 - 130*	*06/29/11 14:40*	*07/14/11 10:59*	*1*
Nitrobenzene-d5	*80*		*39 - 130*	*06/29/11 14:40*	*07/14/11 10:59*	*1*
Phenol-d5	*77*		*25 - 130*	*06/29/11 14:40*	*07/14/11 10:59*	*1*
Terphenyl-d14	*89*		*10 - 143*	*06/29/11 14:40*	*07/14/11 10:59*	*1*
2,4,6-Tribromophenol	*76*		*31 - 141*	*06/29/11 14:40*	*07/14/11 10:59*	*1*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0062	U	0.095	0.0062	ug/L		06/29/11 14:40	07/06/11 04:19	1
4,4'-DDE	0.0073	U	0.095	0.0073	ug/L		06/29/11 14:40	07/06/11 04:19	1
4,4'-DDT	0.0092	U	0.095	0.0092	ug/L		06/29/11 14:40	07/06/11 04:19	1
Aldrin	0.0067	U	0.048	0.0067	ug/L		06/29/11 14:40	07/06/11 04:19	1
alpha-BHC	0.0054	U	0.048	0.0054	ug/L		06/29/11 14:40	07/06/11 04:19	1
beta-BHC	0.0064	U	0.048	0.0064	ug/L		06/29/11 14:40	07/06/11 04:19	1
Chlordane (technical)	0.095	U	0.48	0.095	ug/L		06/29/11 14:40	07/06/11 04:19	1
Chlorobenzilate	0.48	U	0.48	0.48	ug/L		06/29/11 14:40	07/06/11 04:19	1
delta-BHC	0.0046	U	0.048	0.0046	ug/L		06/29/11 14:40	07/06/11 04:19	1
Dieldrin	0.0086	U	0.095	0.0086	ug/L		06/29/11 14:40	07/06/11 04:19	1
Endosulfan I	0.0040	U	0.048	0.0040	ug/L		06/29/11 14:40	07/06/11 04:19	1
Endosulfan II	0.0093	U	0.095	0.0093	ug/L		06/29/11 14:40	07/06/11 04:19	1
Endosulfan sulfate	0.0065	U	0.095	0.0065	ug/L		06/29/11 14:40	07/06/11 04:19	1
Endrin	0.0092	U	0.095	0.0092	ug/L		06/29/11 14:40	07/06/11 04:19	1
Endrin aldehyde	0.015	U	0.095	0.015	ug/L		06/29/11 14:40	07/06/11 04:19	1
gamma-BHC (Lindane)	0.0056	U	0.048	0.0056	ug/L		06/29/11 14:40	07/06/11 04:19	1
Heptachlor	0.0067	U	0.048	0.0067	ug/L		06/29/11 14:40	07/06/11 04:19	1
Heptachlor epoxide	0.0057	U	0.048	0.0057	ug/L		06/29/11 14:40	07/06/11 04:19	1
Isodrin	0.048	U	0.048	0.048	ug/L		06/29/11 14:40	07/06/11 04:19	1
Methoxychlor	0.012	U	0.095	0.012	ug/L		06/29/11 14:40	07/06/11 04:19	1
PCB-1016	0.067	U	0.95	0.067	ug/L		06/29/11 14:40	07/06/11 04:19	1
PCB-1221	0.27	U	1.9	0.27	ug/L		06/29/11 14:40	07/06/11 04:19	1
PCB-1232	0.10	U	0.95	0.10	ug/L		06/29/11 14:40	07/06/11 04:19	1
PCB-1242	0.17	U	0.95	0.17	ug/L		06/29/11 14:40	07/06/11 04:19	1
PCB-1248	0.34	U	0.95	0.34	ug/L		06/29/11 14:40	07/06/11 04:19	1
PCB-1254	0.25	U	0.95	0.25	ug/L		06/29/11 14:40	07/06/11 04:19	1

Client Sample ID: SLMW-BLANK-6-11

Lab Sample ID: 680-69845-9

Date Collected: 06/27/11 11:10

Matrix: Water

Date Received: 06/28/11 10:00

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	0.19	U	0.95	0.19	ug/L		06/29/11 14:40	07/06/11 04:19	1
PCB-1262	0.23	U	0.95	0.23	ug/L		06/29/11 14:40	07/06/11 04:19	1
Toxaphene	0.48	U	4.8	0.48	ug/L		06/29/11 14:40	07/06/11 04:19	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*17*	*J*	*40 - 130*	*06/29/11 14:40*	*07/06/11 04:19*	*1*
Tetrachloro-m-xylene	*63*		*36 - 130*	*06/29/11 14:40*	*07/06/11 04:19*	*1*

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethoate	0.95	U	1.9	0.95	ug/L		06/29/11 14:40	07/03/11 03:20	1
Disulfoton	0.95	U	1.9	0.95	ug/L		06/29/11 14:40	07/03/11 03:20	1
Ethyl Parathion	0.48	U	0.95	0.48	ug/L		06/29/11 14:40	07/03/11 03:20	1
Famphur	0.95	U	1.9	0.95	ug/L		06/29/11 14:40	07/03/11 03:20	1
Methyl parathion	0.48	U	0.48	0.48	ug/L		06/29/11 14:40	07/03/11 03:20	1
Phorate	0.48	U	0.95	0.48	ug/L		06/29/11 14:40	07/03/11 03:20	1
Sulfotepp	0.48	U	0.48	0.48	ug/L		06/29/11 14:40	07/03/11 03:20	1
Thionazin	0.48	U	0.95	0.48	ug/L		06/29/11 14:40	07/03/11 03:20	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*80*		*67 - 130*	*06/29/11 14:40*	*07/03/11 03:20*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.036	U	0.48	0.036	ug/L		06/29/11 07:58	07/01/11 03:05	1
2,4-DB	0.14	U	0.48	0.14	ug/L		06/29/11 07:58	07/01/11 03:05	1
2,4,5-T	0.060	U	0.48	0.060	ug/L		06/29/11 07:58	07/01/11 03:05	1
Silvex (2,4,5-TP)	0.060	U	0.48	0.060	ug/L		06/29/11 07:58	07/01/11 03:05	1
Dalapon	0.096	U	9.6	0.096	ug/L		06/29/11 07:58	07/01/11 03:05	1
Dicamba	0.082	U	0.48	0.082	ug/L		06/29/11 07:58	07/01/11 03:05	1
Dichlorprop	0.14	U	0.48	0.14	ug/L		06/29/11 07:58	07/01/11 03:05	1
Dinoseb	0.15	U	5.8	0.15	ug/L		06/29/11 07:58	07/01/11 03:05	1
MCPA	16	U	120	16	ug/L		06/29/11 07:58	07/01/11 03:05	1
Mecoprop	18	U	120	18	ug/L		06/29/11 07:58	07/01/11 03:05	1
Pentachlorophenol	0.036	U	0.24	0.036	ug/L		06/29/11 07:58	07/01/11 03:05	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*91*	*J*	*52 - 151*	*06/29/11 07:58*	*07/01/11 03:05*	*1*

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.99	U	2.0	0.99	ug/L		06/28/11 14:35	07/10/11 01:05	1
Arsenic	0.40	U	1.0	0.40	ug/L		06/28/11 14:35	07/08/11 16:59	1
Barium	**0.53**	**J**	1.0	0.15	ug/L		06/28/11 14:35	07/08/11 16:59	1
Beryllium	0.070	U	0.20	0.070	ug/L		06/28/11 14:35	07/08/11 16:59	1
Cadmium	0.20	U	0.50	0.20	ug/L		06/28/11 14:35	07/08/11 16:59	1
Chromium	0.16	U	1.0	0.16	ug/L		06/28/11 14:35	07/08/11 16:59	1
Cobalt	0.078	U	0.20	0.078	ug/L		06/28/11 14:35	07/08/11 16:59	1
Copper	**0.27**	**J**	1.0	0.21	ug/L		06/28/11 14:35	07/08/11 16:59	1
Lead	**0.080**	**J**	0.30	0.080	ug/L		06/28/11 14:35	07/08/11 16:59	1
Nickel	0.40	U	1.0	0.40	ug/L		06/28/11 14:35	07/08/11 16:59	1

Client Sample ID: SLMW-BLANK-6-11

Lab Sample ID: 680-69845-9

Date Collected: 06/27/11 11:10
Matrix: Water
Date Received: 06/28/11 10:00

Method: 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	0.21	U	0.50	0.21	ug/L		06/28/11 14:35	07/08/11 16:59	1
Silver	0.10	U	0.20	0.10	ug/L		06/28/11 14:35	07/08/11 16:59	1
Thallium	0.10	U	0.20	0.10	ug/L		06/28/11 14:35	07/08/11 16:59	1
Tin	0.40	U	1.0	0.40	ug/L		06/28/11 14:35	07/10/11 01:05	1
Vanadium	1.4	U	5.0	1.4	ug/L		06/28/11 14:35	07/08/11 16:59	1
Zinc	2.6	U	10	2.6	ug/L		06/28/11 14:35	07/08/11 16:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**0.19**	**J**	0.25	0.075	mg/L			06/29/11 00:13	5
Cyanide, Total	0.0050	U	0.010	0.0050	mg/L		06/30/11 06:00	06/30/11 11:53	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	10	U	10	10	mg/L		06/29/11 10:30	06/29/11 14:33	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 680-69845-10

Date Collected: 06/27/11 00:00
Matrix: Water
Date Received: 06/28/11 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	10	U	40	10	ug/L			06/29/11 16:45	1
Acetone	5.0	U	25	5.0	ug/L			06/29/11 16:45	1
Benzene	0.25	U	1.0	0.25	ug/L			06/29/11 16:45	1
Dichlorobromomethane	0.25	U	1.0	0.25	ug/L			06/29/11 16:45	1
Bromomethane	0.80	U	1.0	0.80	ug/L			06/29/11 16:45	1
Carbon disulfide	0.60	U	2.0	0.60	ug/L			06/29/11 16:45	1
Chlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 16:45	1
Chlorodibromomethane	0.10	U	1.0	0.10	ug/L			06/29/11 16:45	1
Chloroethane	1.0	U	1.0	1.0	ug/L			06/29/11 16:45	1
Chloromethane	0.33	U	1.0	0.33	ug/L			06/29/11 16:45	1
Chloroform	0.14	U	1.0	0.14	ug/L			06/29/11 16:45	1
3-Chloro-1-propene	0.20	U	1.0	0.20	ug/L			06/29/11 16:45	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			06/29/11 16:45	1
Ethylene Dibromide	0.25	U	1.0	0.25	ug/L			06/29/11 16:45	1
trans-1,4-Dichloro-2-butene	0.50	U	2.0	0.50	ug/L			06/29/11 16:45	1
Dichlorodifluoromethane	0.25	U	1.0	0.25	ug/L			06/29/11 16:45	1
1,1-Dichloroethane	0.25	U	1.0	0.25	ug/L			06/29/11 16:45	1
1,2-Dichloroethane	0.10	U	1.0	0.10	ug/L			06/29/11 16:45	1
trans-1,2-Dichloroethene	0.20	U	1.0	0.20	ug/L			06/29/11 16:45	1
1,1-Dichloroethene	0.11	U	1.0	0.11	ug/L			06/29/11 16:45	1
Methylene Chloride	**3.0**	**J B**	5.0	1.0	ug/L			06/29/11 16:45	1
1,2-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/29/11 16:45	1
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			06/29/11 16:45	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			06/29/11 16:45	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			06/29/11 16:45	1
2-Butanone (MEK)	1.0	U	10	1.0	ug/L			06/29/11 16:45	1
Iodomethane	1.0	U	5.0	1.0	ug/L			06/29/11 16:45	1
Methacrylonitrile	3.3	U	20	3.3	ug/L			06/29/11 16:45	1
4-Methyl-2-pentanone (MIBK)	1.0	U	10	1.0	ug/L			06/29/11 16:45	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 680-69845-10

Date Collected: 06/27/11 00:00

Matrix: Water

Date Received: 06/28/11 10:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.11	U	1.0	0.11	ug/L			06/29/11 16:45	1
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			06/29/11 16:45	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			06/29/11 16:45	1
Tetrachloroethene	0.15	U	1.0	0.15	ug/L			06/29/11 16:45	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			06/29/11 16:45	1
Toluene	0.33	U	1.0	0.33	ug/L			06/29/11 16:45	1
Bromoform	0.50	U	1.0	0.50	ug/L			06/29/11 16:45	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			06/29/11 16:45	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			06/29/11 16:45	1
Trichloroethene	0.13	U	1.0	0.13	ug/L			06/29/11 16:45	1
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			06/29/11 16:45	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			06/29/11 16:45	1
Vinyl acetate	0.28	U	2.0	0.28	ug/L			06/29/11 16:45	1
Vinyl chloride	0.18	U	1.0	0.18	ug/L			06/29/11 16:45	1
Xylenes, Total	0.20	U	2.0	0.20	ug/L			06/29/11 16:45	1
2-Hexanone	1.0	U	10	1.0	ug/L			06/29/11 16:45	1
Propionitrile	4.6	U	20	4.6	ug/L			06/29/11 16:45	1
Methyl methacrylate	0.48	U	1.0	0.48	ug/L			06/29/11 16:45	1
Acrolein	7.4	U	20	7.4	ug/L			06/29/11 16:45	1
Acrylonitrile	7.2	U	20	7.2	ug/L			06/29/11 16:45	1
Ethyl methacrylate	0.25	U	1.0	0.25	ug/L			06/29/11 16:45	1
Isobutyl alcohol	11	U	40	11	ug/L			06/29/11 16:45	1
Chlorobromomethane	0.14	U	1.0	0.14	ug/L			06/29/11 16:45	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			06/29/11 16:45	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/29/11 16:45	1
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			06/29/11 16:45	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			06/29/11 16:45	1
2-Chloro-1,3-butadiene	0.30	U	1.0	0.30	ug/L			06/29/11 16:45	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			06/29/11 16:45	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 16:45	1
1,4-Dichlorobenzene	0.28	U	1.0	0.28	ug/L			06/29/11 16:45	1
1,2,4-Trichlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 16:45	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			06/29/11 16:45	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*70 - 130*		*06/29/11 16:45*	*1*
4-Bromofluorobenzene	*92*		*70 - 130*		*06/29/11 16:45*	*1*
Dibromofluoromethane	*105*		*70 - 130*		*06/29/11 16:45*	*1*

Client Sample ID: SLMW-1R-6-11

Lab Sample ID: 680-69845-11

Date Collected: 06/25/11 07:45

Matrix: Water

Date Received: 06/28/11 10:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.73	U	9.6	0.73	ug/L		06/29/11 14:40	07/14/11 11:29	1
Acenaphthylene	0.82	U	9.6	0.82	ug/L		06/29/11 14:40	07/14/11 11:29	1
Acetophenone	0.55	U	9.6	0.55	ug/L		06/29/11 14:40	07/14/11 11:29	1
2-Acetylaminofluorene	1.5	U	9.6	1.5	ug/L		06/29/11 14:40	07/14/11 11:29	1

Client Sample ID: SLMW-1R-6-11

Lab Sample ID: 680-69845-11

Date Collected: 06/25/11 07:45

Matrix: Water

Date Received: 06/28/11 10:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Aminobiphenyl	1.2	U	9.6	1.2	ug/L		06/29/11 14:40	07/14/11 11:29	1
Anthracene	0.66	U	9.6	0.66	ug/L		06/29/11 14:40	07/14/11 11:29	1
Benzo[a]anthracene	0.53	U	9.6	0.53	ug/L		06/29/11 14:40	07/14/11 11:29	1
Benzo[a]pyrene	0.68	U	9.6	0.68	ug/L		06/29/11 14:40	07/14/11 11:29	1
Benzo[b]fluoranthene	2.5	U	9.6	2.5	ug/L		06/29/11 14:40	07/14/11 11:29	1
Benzo[g,h,i]perylene	0.84	U	9.6	0.84	ug/L		06/29/11 14:40	07/14/11 11:29	1
Benzo[k]fluoranthene	1.2	U	9.6	1.2	ug/L		06/29/11 14:40	07/14/11 11:29	1
Benzyl alcohol	1.1	U	9.6	1.1	ug/L		06/29/11 14:40	07/14/11 11:29	1
1,1'-Biphenyl	0.56	U	9.6	0.56	ug/L		06/29/11 14:40	07/14/11 11:29	1
Bis(2-chloroethoxy)methane	0.91	U	9.6	0.91	ug/L		06/29/11 14:40	07/14/11 11:29	1
Bis(2-chloroethyl)ether	1.1	U	9.6	1.1	ug/L		06/29/11 14:40	07/14/11 11:29	1
bis(chloroisopropyl) ether	0.75	U	9.6	0.75	ug/L		06/29/11 14:40	07/14/11 11:29	1
Bis(2-ethylhexyl) phthalate	1.5	U	9.6	1.5	ug/L		06/29/11 14:40	07/14/11 11:29	1
4-Bromophenyl phenyl ether	0.74	U	9.6	0.74	ug/L		06/29/11 14:40	07/14/11 11:29	1
Butyl benzyl phthalate	1.2	U	9.6	1.2	ug/L		06/29/11 14:40	07/14/11 11:29	1
4-Chloroaniline	2.1	U	19	2.1	ug/L		06/29/11 14:40	07/14/11 11:29	1
4-Chloro-3-methylphenol	0.96	U	9.6	0.96	ug/L		06/29/11 14:40	07/14/11 11:29	1
2-Chloronaphthalene	0.77	U	9.6	0.77	ug/L		06/29/11 14:40	07/14/11 11:29	1
2-Chlorophenol	0.84	U	9.6	0.84	ug/L		06/29/11 14:40	07/14/11 11:29	1
4-Chlorophenyl phenyl ether	0.81	U	9.6	0.81	ug/L		06/29/11 14:40	07/14/11 11:29	1
Chrysene	0.49	U	9.6	0.49	ug/L		06/29/11 14:40	07/14/11 11:29	1
Diallate	0.75	U	9.6	0.75	ug/L		06/29/11 14:40	07/14/11 11:29	1
Dibenz(a,h)anthracene	0.96	U	9.6	0.96	ug/L		06/29/11 14:40	07/14/11 11:29	1
Dibenzofuran	0.76	U	9.6	0.76	ug/L		06/29/11 14:40	07/14/11 11:29	1
3,3'-Dichlorobenzidine	29	U	58	29	ug/L		06/29/11 14:40	07/14/11 11:29	1
2,4-Dichlorophenol	1.1	U	9.6	1.1	ug/L		06/29/11 14:40	07/14/11 11:29	1
2,6-Dichlorophenol	0.70	U	9.6	0.70	ug/L		06/29/11 14:40	07/14/11 11:29	1
Diethyl phthalate	0.85	U	9.6	0.85	ug/L		06/29/11 14:40	07/14/11 11:29	1
Dimethoate	0.72	U	9.6	0.72	ug/L		06/29/11 14:40	07/14/11 11:29	1
7,12-Dimethylbenz(a)anthracene	1.2	U	9.6	1.2	ug/L		06/29/11 14:40	07/14/11 11:29	1
3,3'-Dimethylbenzidine	9.6	U	19	9.6	ug/L		06/29/11 14:40	07/14/11 11:29	1
2,4-Dimethylphenol	3.9	U	9.6	3.9	ug/L		06/29/11 14:40	07/14/11 11:29	1
Dimethyl phthalate	0.95	U	9.6	0.95	ug/L		06/29/11 14:40	07/14/11 11:29	1
Di-n-butyl phthalate	0.80	U	9.6	0.80	ug/L		06/29/11 14:40	07/14/11 11:29	1
1,3-Dinitrobenzene	0.58	U	9.6	0.58	ug/L		06/29/11 14:40	07/14/11 11:29	1
4,6-Dinitro-2-methylphenol	9.6	U	48	9.6	ug/L		06/29/11 14:40	07/14/11 11:29	1
2,4-Dinitrophenol	9.6	U	48	9.6	ug/L		06/29/11 14:40	07/14/11 11:29	1
2,4-Dinitrotoluene	1.2	U	9.6	1.2	ug/L		06/29/11 14:40	07/14/11 11:29	1
2,6-Dinitrotoluene	1.1	U	9.6	1.1	ug/L		06/29/11 14:40	07/14/11 11:29	1
Di-n-octyl phthalate	1.3	U	9.6	1.3	ug/L		06/29/11 14:40	07/14/11 11:29	1
Dinoseb	4.8	U	9.6	4.8	ug/L		06/29/11 14:40	07/14/11 11:29	1
1,4-Dioxane	3.3	U	9.6	3.3	ug/L		06/29/11 14:40	07/14/11 11:29	1
Disulfoton	0.76	U	9.6	0.76	ug/L		06/29/11 14:40	07/14/11 11:29	1
Ethyl methanesulfonate	0.93	U	9.6	0.93	ug/L		06/29/11 14:40	07/14/11 11:29	1
Ethyl Parathion	1.3	U	9.6	1.3	ug/L		06/29/11 14:40	07/14/11 11:29	1
Famphur	1.1	U Q	9.6	1.1	ug/L		06/29/11 14:40	07/14/11 11:29	1
Fluoranthene	0.71	U	9.6	0.71	ug/L		06/29/11 14:40	07/14/11 11:29	1
Fluorene	0.93	U	9.6	0.93	ug/L		06/29/11 14:40	07/14/11 11:29	1
Hexachlorobenzene	0.76	U	9.6	0.76	ug/L		06/29/11 14:40	07/14/11 11:29	1
Hexachlorobutadiene	0.60	U	9.6	0.60	ug/L		06/29/11 14:40	07/14/11 11:29	1

Client Sample ID: SLMW-1R-6-11

Date Collected: 06/25/11 07:45
Date Received: 06/28/11 10:00

Lab Sample ID: 680-69845-11
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	2.4	U	9.6	2.4	ug/L		06/29/11 14:40	07/14/11 11:29	1
Hexachloroethane	0.73	U	9.6	0.73	ug/L		06/29/11 14:40	07/14/11 11:29	1
Hexachloropropene	1.3	U	9.6	1.3	ug/L		06/29/11 14:40	07/14/11 11:29	1
Indeno[1,2,3-cd]pyrene	0.96	U	9.6	0.96	ug/L		06/29/11 14:40	07/14/11 11:29	1
Isophorone	0.87	U	9.6	0.87	ug/L		06/29/11 14:40	07/14/11 11:29	1
Isosafrole	0.48	U	9.6	0.48	ug/L		06/29/11 14:40	07/14/11 11:29	1
Methapyrilene	2.6	U	1900	2.6	ug/L		06/29/11 14:40	07/14/11 11:29	1
3-Methylcholanthrene	1.3	U	9.6	1.3	ug/L		06/29/11 14:40	07/14/11 11:29	1
Methyl methanesulfonate	0.58	U	9.6	0.58	ug/L		06/29/11 14:40	07/14/11 11:29	1
2-Methylnaphthalene	0.75	U	9.6	0.75	ug/L		06/29/11 14:40	07/14/11 11:29	1
Methyl parathion	0.85	U	9.6	0.85	ug/L		06/29/11 14:40	07/14/11 11:29	1
2-Methylphenol	0.86	U	9.6	0.86	ug/L		06/29/11 14:40	07/14/11 11:29	1
3 & 4 Methylphenol	1.3	U	9.6	1.3	ug/L		06/29/11 14:40	07/14/11 11:29	1
Naphthalene	0.67	U	9.6	0.67	ug/L		06/29/11 14:40	07/14/11 11:29	1
1,4-Naphthoquinone	0.60	U	9.6	0.60	ug/L		06/29/11 14:40	07/14/11 11:29	1
1-Naphthylamine	1.1	U	9.6	1.1	ug/L		06/29/11 14:40	07/14/11 11:29	1
2-Naphthylamine	1.4	U	9.6	1.4	ug/L		06/29/11 14:40	07/14/11 11:29	1
2-Nitroaniline	1.3	U	48	1.3	ug/L		06/29/11 14:40	07/14/11 11:29	1
3-Nitroaniline	4.8	U	48	4.8	ug/L		06/29/11 14:40	07/14/11 11:29	1
4-Nitroaniline	4.8	U	48	4.8	ug/L		06/29/11 14:40	07/14/11 11:29	1
Nitrobenzene	0.70	U	9.6	0.70	ug/L		06/29/11 14:40	07/14/11 11:29	1
2-Nitrophenol	0.73	U	9.6	0.73	ug/L		06/29/11 14:40	07/14/11 11:29	1
4-Nitrophenol	1.8	U	48	1.8	ug/L		06/29/11 14:40	07/14/11 11:29	1
N-Nitro-o-toluidine	1.4	U	9.6	1.4	ug/L		06/29/11 14:40	07/14/11 11:29	1
N-Nitrosodiethylamine	0.90	U	9.6	0.90	ug/L		06/29/11 14:40	07/14/11 11:29	1
N-Nitrosodimethylamine	2.7	U	9.6	2.7	ug/L		06/29/11 14:40	07/14/11 11:29	1
N-Nitrosodi-n-butylamine	0.93	U	9.6	0.93	ug/L		06/29/11 14:40	07/14/11 11:29	1
N-Nitrosodi-n-propylamine	0.69	U	9.6	0.69	ug/L		06/29/11 14:40	07/14/11 11:29	1
N-Nitrosodiphenylamine	0.89	U	9.6	0.89	ug/L		06/29/11 14:40	07/14/11 11:29	1
N-Nitrosomethylethylamine	3.2	U	9.6	3.2	ug/L		06/29/11 14:40	07/14/11 11:29	1
N-Nitrosopiperidine	0.85	U	9.6	0.85	ug/L		06/29/11 14:40	07/14/11 11:29	1
N-Nitrosopyrrolidine	0.96	U	9.6	0.96	ug/L		06/29/11 14:40	07/14/11 11:29	1
o,o',o''-Triethylphosphorothioate	0.96	U	9.6	0.96	ug/L		06/29/11 14:40	07/14/11 11:29	1
p-Dimethylamino azobenzene	0.76	U	9.6	0.76	ug/L		06/29/11 14:40	07/14/11 11:29	1
Pentachlorobenzene	0.50	U	9.6	0.50	ug/L		06/29/11 14:40	07/14/11 11:29	1
Pentachloronitrobenzene	0.75	U	9.6	0.75	ug/L		06/29/11 14:40	07/14/11 11:29	1
Pentachlorophenol	1.9	U	48	1.9	ug/L		06/29/11 14:40	07/14/11 11:29	1
Phenacetin	1.3	U	9.6	1.3	ug/L		06/29/11 14:40	07/14/11 11:29	1
Phenanthrene	0.74	U	9.6	0.74	ug/L		06/29/11 14:40	07/14/11 11:29	1
Phenol	0.80	U	9.6	0.80	ug/L		06/29/11 14:40	07/14/11 11:29	1
Phorate	0.84	U	9.6	0.84	ug/L		06/29/11 14:40	07/14/11 11:29	1
p-Phenylene diamine	9.6	U	1900	9.6	ug/L		06/29/11 14:40	07/14/11 11:29	1
Pronamide	0.86	U	9.6	0.86	ug/L		06/29/11 14:40	07/14/11 11:29	1
Pyrene	0.61	U	9.6	0.61	ug/L		06/29/11 14:40	07/14/11 11:29	1
Safrole, Total	0.77	U	9.6	0.77	ug/L		06/29/11 14:40	07/14/11 11:29	1
Sulfotepp	0.51	U	9.6	0.51	ug/L		06/29/11 14:40	07/14/11 11:29	1
1,2,4,5-Tetrachlorobenzene	0.73	U	9.6	0.73	ug/L		06/29/11 14:40	07/14/11 11:29	1
2,3,4,6-Tetrachlorophenol	0.69	U	9.6	0.69	ug/L		06/29/11 14:40	07/14/11 11:29	1
Thionazin	0.88	U	9.6	0.88	ug/L		06/29/11 14:40	07/14/11 11:29	1
2-Toluidine	1.3	U	9.6	1.3	ug/L		06/29/11 14:40	07/14/11 11:29	1

Client Sample ID: SLMW-1R-6-11

Lab Sample ID: 680-69845-11

Date Collected: 06/25/11 07:45
Matrix: Water
Date Received: 06/28/11 10:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	1.2	U	9.6	1.2	ug/L		06/29/11 14:40	07/14/11 11:29	1
2,4,6-Trichlorophenol	0.82	U	9.6	0.82	ug/L		06/29/11 14:40	07/14/11 11:29	1
1,3,5-Trinitrobenzene	1.9	U	9.6	1.9	ug/L		06/29/11 14:40	07/14/11 11:29	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*38 - 130*	*06/29/11 14:40*	*07/14/11 11:29*	*1*
2-Fluorophenol	*71*		*25 - 130*	*06/29/11 14:40*	*07/14/11 11:29*	*1*
Nitrobenzene-d5	*80*		*39 - 130*	*06/29/11 14:40*	*07/14/11 11:29*	*1*
Phenol-d5	*73*		*25 - 130*	*06/29/11 14:40*	*07/14/11 11:29*	*1*
Terphenyl-d14	*89*		*10 - 143*	*06/29/11 14:40*	*07/14/11 11:29*	*1*
2,4,6-Tribromophenol	*77*		*31 - 141*	*06/29/11 14:40*	*07/14/11 11:29*	*1*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0065	U	0.099	0.0065	ug/L		06/29/11 14:40	07/06/11 04:42	1
4,4'-DDE	0.0076	U	0.099	0.0076	ug/L		06/29/11 14:40	07/06/11 04:42	1
4,4'-DDT	0.0096	U	0.099	0.0096	ug/L		06/29/11 14:40	07/06/11 04:42	1
Aldrin	0.0070	U	0.050	0.0070	ug/L		06/29/11 14:40	07/06/11 04:42	1
alpha-BHC	0.0057	U	0.050	0.0057	ug/L		06/29/11 14:40	07/06/11 04:42	1
beta-BHC	0.0067	U	0.050	0.0067	ug/L		06/29/11 14:40	07/06/11 04:42	1
Chlordane (technical)	0.099	U	0.50	0.099	ug/L		06/29/11 14:40	07/06/11 04:42	1
Chlorobenzilate	0.50	U	0.50	0.50	ug/L		06/29/11 14:40	07/06/11 04:42	1
delta-BHC	0.0048	U	0.050	0.0048	ug/L		06/29/11 14:40	07/06/11 04:42	1
Dieldrin	0.0090	U	0.099	0.0090	ug/L		06/29/11 14:40	07/06/11 04:42	1
Endosulfan I	0.0042	U	0.050	0.0042	ug/L		06/29/11 14:40	07/06/11 04:42	1
Endosulfan II	0.0097	U	0.099	0.0097	ug/L		06/29/11 14:40	07/06/11 04:42	1
Endosulfan sulfate	0.0068	U	0.099	0.0068	ug/L		06/29/11 14:40	07/06/11 04:42	1
Endrin	0.0096	U	0.099	0.0096	ug/L		06/29/11 14:40	07/06/11 04:42	1
Endrin aldehyde	0.016	U	0.099	0.016	ug/L		06/29/11 14:40	07/06/11 04:42	1
gamma-BHC (Lindane)	0.0059	U	0.050	0.0059	ug/L		06/29/11 14:40	07/06/11 04:42	1
Heptachlor	0.0070	U	0.050	0.0070	ug/L		06/29/11 14:40	07/06/11 04:42	1
Heptachlor epoxide	0.0060	U	0.050	0.0060	ug/L		06/29/11 14:40	07/06/11 04:42	1
Isodrin	0.050	U	0.050	0.050	ug/L		06/29/11 14:40	07/06/11 04:42	1
Methoxychlor	0.013	U	0.099	0.013	ug/L		06/29/11 14:40	07/06/11 04:42	1
PCB-1016	0.071	U	0.99	0.071	ug/L		06/29/11 14:40	07/06/11 04:42	1
PCB-1221	0.28	U	2.0	0.28	ug/L		06/29/11 14:40	07/06/11 04:42	1
PCB-1232	0.11	U	0.99	0.11	ug/L		06/29/11 14:40	07/06/11 04:42	1
PCB-1242	0.18	U	0.99	0.18	ug/L		06/29/11 14:40	07/06/11 04:42	1
PCB-1248	0.36	U	0.99	0.36	ug/L		06/29/11 14:40	07/06/11 04:42	1
PCB-1254	0.26	U	0.99	0.26	ug/L		06/29/11 14:40	07/06/11 04:42	1
PCB-1260	0.20	U	0.99	0.20	ug/L		06/29/11 14:40	07/06/11 04:42	1
PCB-1262	0.24	U	0.99	0.24	ug/L		06/29/11 14:40	07/06/11 04:42	1
Toxaphene	0.50	U	5.0	0.50	ug/L		06/29/11 14:40	07/06/11 04:42	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*41*		*40 - 130*	*06/29/11 14:40*	*07/06/11 04:42*	*1*
Tetrachloro-m-xylene	*45*		*36 - 130*	*06/29/11 14:40*	*07/06/11 04:42*	*1*

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethoate	0.99	U	2.0	0.99	ug/L		06/29/11 14:40	07/03/11 03:45	1

Client Sample ID: SLMW-1R-6-11

Lab Sample ID: 680-69845-11

Date Collected: 06/25/11 07:45

Matrix: Water

Date Received: 06/28/11 10:00

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Disulfoton	0.99	U	2.0	0.99	ug/L		06/29/11 14:40	07/03/11 03:45	1
Ethyl Parathion	0.50	U	0.99	0.50	ug/L		06/29/11 14:40	07/03/11 03:45	1
Famphur	0.99	U	2.0	0.99	ug/L		06/29/11 14:40	07/03/11 03:45	1
Methyl parathion	0.50	U	0.50	0.50	ug/L		06/29/11 14:40	07/03/11 03:45	1
Phorate	0.50	U	0.99	0.50	ug/L		06/29/11 14:40	07/03/11 03:45	1
Sulfotepp	0.50	U	0.50	0.50	ug/L		06/29/11 14:40	07/03/11 03:45	1
Thionazin	0.50	U	0.99	0.50	ug/L		06/29/11 14:40	07/03/11 03:45	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*85*		*67 - 130*	*06/29/11 14:40*	*07/03/11 03:45*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.035	U	0.48	0.035	ug/L		06/29/11 07:58	07/01/11 03:21	1
2,4-DB	0.14	U	0.48	0.14	ug/L		06/29/11 07:58	07/01/11 03:21	1
2,4,5-T	0.059	U	0.48	0.059	ug/L		06/29/11 07:58	07/01/11 03:21	1
Silvex (2,4,5-TP)	0.059	U	0.48	0.059	ug/L		06/29/11 07:58	07/01/11 03:21	1
Dalapon	0.096	U	9.6	0.096	ug/L		06/29/11 07:58	07/01/11 03:21	1
Dicamba	0.081	U	0.48	0.081	ug/L		06/29/11 07:58	07/01/11 03:21	1
Dichlorprop	0.14	U	0.48	0.14	ug/L		06/29/11 07:58	07/01/11 03:21	1
Dinoseb	0.15	U	5.8	0.15	ug/L		06/29/11 07:58	07/01/11 03:21	1
MCPA	16	U	120	16	ug/L		06/29/11 07:58	07/01/11 03:21	1
Mecoprop	18	U	120	18	ug/L		06/29/11 07:58	07/01/11 03:21	1
Pentachlorophenol	0.035	U	0.24	0.035	ug/L		06/29/11 07:58	07/01/11 03:21	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*83*	*J*	*52 - 151*	*06/29/11 07:58*	*07/01/11 03:21*	*1*

Surrogate Summary

Client: U.S. Army Corps of Engineers
Project/Site: Ft. Bragg Longstreet Landfill

TestAmerica Job ID: 680-69845-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
680-69845-1	SLMW-7-6-11	108	93	108
680-69845-3	SLMW-8-6-11	105	93	112
680-69845-5	SLMW-9-6-11	100	93	108
680-69845-7	SLSW-1-6-11	103	95	108
680-69845-8	SLSW-2-6-11	103	96	107
680-69845-9	SLMW-BLANK-6-11	108	94	110
680-69845-10	TRIP BLANK	102	92	105
LCS 680-207677/17	Lab Control Sample	95	96	110
LCS 680-207678/17	Lab Control Sample	100	94	112
LCSD 680-207677/18	Lab Control Sample Dup	96	96	112
LCSD 680-207678/18	Lab Control Sample Dup	100	95	112
MB 680-207677/20	Method Blank	104	93	110
MB 680-207678/20	Method Blank	108	97	112

Surrogate Legend

TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	PHL	TPH	TBP
Lab Sample ID	Client Sample ID	(38-130)	(25-130)	(39-130)	(25-130)	(10-143)	(31-141)
680-69845-1	SLMW-7-6-11	82	72	76	71	67	86
680-69845-3	SLMW-8-6-11	82	74	81	76	79	91
680-69845-5	SLMW-9-6-11	66	60	68	60	72	85
680-69845-5 MS	SLMW-9-6-11	70	63	70	68	81	84
680-69845-5 MSD	SLMW-9-6-11	64	50	63	54	84	85
680-69845-7	SLSW-1-6-11	61	50	62	49	47	71
680-69845-7 MS	SLSW-1-6-11	65	55	64	57	62	89
680-69845-7 MSD	SLSW-1-6-11	77	71	73	71	60	104
680-69845-8	SLSW-2-6-11	66	55	69	60	30	69
680-69845-9	SLMW-BLANK-6-11	76	73	80	77	89	76
680-69845-11	SLMW-1R-6-11	78	71	80	73	89	77
MB 680-207477/10-A	Method Blank	79	73	82	76	90	81

Surrogate Legend

FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = Terphenyl-d14
TBP = 2,4,6-Tribromophenol

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCB1	DCB2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(40-130)	(40-130)	(36-130)	(36-130)
680-69845-1	SLMW-7-6-11	35 M J	30 J	52 J	79
680-69845-3	SLMW-8-6-11	26 J	23 M J	51	64
680-69845-5	SLMW-9-6-11	21 M J	19 J	56	61
680-69845-7	SLSW-1-6-11	17 M J	18 M J	43	44
680-69845-8	SLSW-2-6-11	12 J	12 J	52	50
680-69845-9	SLMW-BLANK-6-11	17 J	16 J	63	57
680-69845-11	SLMW-1R-6-11	41	36 J	45	39
680-69845-11 MS	SLMW-1R-6-11	43	19 J	68	23 J
680-69845-11 MSD	SLMW-1R-6-11	52	24 J	68	22 J
LCS 680-207485/16-A	Lab Control Sample	45 M	40	59	57
LCS 680-207485/19-A	Lab Control Sample	44	40	60	58
MB 680-207485/15-A	Method Blank	47	44	56	53

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		TPP2
Lab Sample ID	Client Sample ID	(67-130)
680-69845-1	SLMW-7-6-11	93
680-69845-1 MS	SLMW-7-6-11	87
680-69845-1 MSD	SLMW-7-6-11	87
680-69845-3	SLMW-8-6-11	90
680-69845-3 MS	SLMW-8-6-11	81
680-69845-3 MSD	SLMW-8-6-11	81
680-69845-5	SLMW-9-6-11	86
680-69845-7	SLSW-1-6-11	76
680-69845-8	SLSW-2-6-11	81
680-69845-9	SLMW-BLANK-6-11	80
680-69845-11	SLMW-1R-6-11	85
LCS 680-207485/22-A	Lab Control Sample	89
LCS 680-207485/25-A	Lab Control Sample	91
MB 680-207485/15-A	Method Blank	90

Surrogate Legend

TPP = Triphenylphosphate

Method: 8151A - Herbicides (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCPA1	DCPA2
Lab Sample ID	Client Sample ID	(52-151)	(52-151)
680-69845-1	SLMW-7-6-11	86 J	154 J
680-69845-3	SLMW-8-6-11	82 J	169 J

Method: 8151A - Herbicides (GC) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
Lab Sample ID	Client Sample ID	DCPA1 (52-151)	DCPA2 (52-151)							
680-69845-5	SLMW-9-6-11	87 J	157 J							
680-69845-7	SLSW-1-6-11	91 J	213 J							
680-69845-8	SLSW-2-6-11	78 J	188 J							
680-69845-9	SLMW-BLANK-6-11	91 J	188 J							
680-69845-11	SLMW-1R-6-11	83 J	169 J							
LCS 680-207409/13-A	Lab Control Sample	87 J	181 J							
MB 680-207409/12-A	Method Blank	104 J	171 J							

Surrogate Legend

DCPA = DCAA

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-207677/20
Matrix: Water
Analysis Batch: 207677

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	10	U	40	10	ug/L			06/29/11 11:42	1
Acetone	5.0	U	25	5.0	ug/L			06/29/11 11:42	1
Benzene	0.25	U	1.0	0.25	ug/L			06/29/11 11:42	1
Dichlorobromomethane	0.25	U	1.0	0.25	ug/L			06/29/11 11:42	1
Bromomethane	0.80	U	1.0	0.80	ug/L			06/29/11 11:42	1
Carbon disulfide	0.60	U	2.0	0.60	ug/L			06/29/11 11:42	1
Chlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 11:42	1
Chlorodibromomethane	0.10	U	1.0	0.10	ug/L			06/29/11 11:42	1
Chloroethane	1.0	U	1.0	1.0	ug/L			06/29/11 11:42	1
Chloromethane	0.33	U	1.0	0.33	ug/L			06/29/11 11:42	1
Chloroform	0.14	U	1.0	0.14	ug/L			06/29/11 11:42	1
3-Chloro-1-propene	0.20	U	1.0	0.20	ug/L			06/29/11 11:42	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			06/29/11 11:42	1
Ethylene Dibromide	0.25	U	1.0	0.25	ug/L			06/29/11 11:42	1
trans-1,4-Dichloro-2-butene	0.50	U	2.0	0.50	ug/L			06/29/11 11:42	1
Dichlorodifluoromethane	0.25	U	1.0	0.25	ug/L			06/29/11 11:42	1
1,1-Dichloroethane	0.25	U	1.0	0.25	ug/L			06/29/11 11:42	1
1,2-Dichloroethane	0.10	U	1.0	0.10	ug/L			06/29/11 11:42	1
trans-1,2-Dichloroethene	0.20	U	1.0	0.20	ug/L			06/29/11 11:42	1
1,1-Dichloroethene	0.11	U	1.0	0.11	ug/L			06/29/11 11:42	1
Methylene Chloride	3.15	J	5.0	1.0	ug/L			06/29/11 11:42	1
1,2-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/29/11 11:42	1
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			06/29/11 11:42	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			06/29/11 11:42	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			06/29/11 11:42	1
2-Butanone (MEK)	1.0	U	10	1.0	ug/L			06/29/11 11:42	1
Iodomethane	1.0	U	5.0	1.0	ug/L			06/29/11 11:42	1
Methacrylonitrile	3.3	U	20	3.3	ug/L			06/29/11 11:42	1
4-Methyl-2-pentanone (MIBK)	1.0	U	10	1.0	ug/L			06/29/11 11:42	1
Styrene	0.11	U	1.0	0.11	ug/L			06/29/11 11:42	1
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			06/29/11 11:42	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			06/29/11 11:42	1
Tetrachloroethene	0.15	U	1.0	0.15	ug/L			06/29/11 11:42	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			06/29/11 11:42	1
Toluene	0.33	U	1.0	0.33	ug/L			06/29/11 11:42	1
Bromoform	0.50	U	1.0	0.50	ug/L			06/29/11 11:42	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			06/29/11 11:42	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			06/29/11 11:42	1
Trichloroethene	0.13	U	1.0	0.13	ug/L			06/29/11 11:42	1
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			06/29/11 11:42	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			06/29/11 11:42	1
Vinyl acetate	0.28	U	2.0	0.28	ug/L			06/29/11 11:42	1
Vinyl chloride	0.18	U	1.0	0.18	ug/L			06/29/11 11:42	1
Xylenes, Total	0.20	U	2.0	0.20	ug/L			06/29/11 11:42	1
2-Hexanone	1.0	U	10	1.0	ug/L			06/29/11 11:42	1
Propionitrile	4.6	U	20	4.6	ug/L			06/29/11 11:42	1
Methyl methacrylate	0.48	U	1.0	0.48	ug/L			06/29/11 11:42	1
Acrolein	7.4	U	20	7.4	ug/L			06/29/11 11:42	1
Acrylonitrile	7.2	U	20	7.2	ug/L			06/29/11 11:42	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-207677/20
Matrix: Water
Analysis Batch: 207677

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl methacrylate	0.25	U	1.0	0.25	ug/L			06/29/11 11:42	1
Isobutyl alcohol	11	U	40	11	ug/L			06/29/11 11:42	1
Chlorobromomethane	0.14	U	1.0	0.14	ug/L			06/29/11 11:42	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			06/29/11 11:42	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/29/11 11:42	1
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			06/29/11 11:42	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			06/29/11 11:42	1
2-Chloro-1,3-butadiene	0.30	U	1.0	0.30	ug/L			06/29/11 11:42	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			06/29/11 11:42	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 11:42	1
1,4-Dichlorobenzene	0.28	U	1.0	0.28	ug/L			06/29/11 11:42	1
1,2,4-Trichlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 11:42	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			06/29/11 11:42	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*70 - 130*		*06/29/11 11:42*	*1*
4-Bromofluorobenzene	*93*		*70 - 130*		*06/29/11 11:42*	*1*
Dibromofluoromethane	*110*		*70 - 130*		*06/29/11 11:42*	*1*

Lab Sample ID: LCS 680-207677/17
Matrix: Water
Analysis Batch: 207677

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	100	96.6		ug/L		97	26 - 180
Benzene	50.0	47.4		ug/L		95	70 - 130
Dichlorobromomethane	50.0	47.1		ug/L		94	70 - 130
Bromomethane	50.0	44.2		ug/L		88	23 - 165
Carbon disulfide	50.0	50.6		ug/L		101	54 - 132
Chlorobenzene	50.0	47.6		ug/L		95	70 - 130
Chlorodibromomethane	50.0	46.7		ug/L		93	70 - 130
Chloroethane	50.0	44.4		ug/L		89	56 - 152
Chloromethane	50.0	48.1		ug/L		96	70 - 130
Chloroform	50.0	53.1		ug/L		106	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	47.2		ug/L		94	70 - 130
Ethylene Dibromide	50.0	47.0		ug/L		94	70 - 130
Dichlorodifluoromethane	50.0	60.5		ug/L		121	44 - 146
1,1-Dichloroethane	50.0	52.5		ug/L		105	70 - 130
1,2-Dichloroethane	50.0	47.7		ug/L		95	70 - 130
trans-1,2-Dichloroethene	50.0	55.5		ug/L		111	70 - 130
1,1-Dichloroethene	50.0	57.7		ug/L		115	66 - 131
Methylene Chloride	50.0	51.0		ug/L		102	67 - 130
1,2-Dichloropropane	50.0	46.3		ug/L		93	70 - 130
cis-1,3-Dichloropropene	50.0	47.3		ug/L		95	70 - 130
trans-1,3-Dichloropropene	50.0	44.9		ug/L		90	70 - 130
Ethylbenzene	50.0	46.5		ug/L		93	70 - 130
2-Butanone (MEK)	100	95.2		ug/L		95	49 - 172
4-Methyl-2-pentanone (MIBK)	100	78.4		ug/L		78	70 - 130
Styrene	50.0	44.7		ug/L		89	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-207677/17
Matrix: Water
Analysis Batch: 207677

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	46.1		ug/L		92	70 - 130
1,1,2,2-Tetrachloroethane	50.0	48.0		ug/L		96	70 - 130
Tetrachloroethene	50.0	48.5		ug/L		97	70 - 130
Carbon tetrachloride	50.0	43.5		ug/L		87	70 - 130
Toluene	50.0	45.7		ug/L		91	70 - 130
Bromoform	50.0	44.5		ug/L		89	70 - 130
1,1,2-Trichloroethane	50.0	46.9		ug/L		94	70 - 130
1,1,1-Trichloroethane	50.0	47.5		ug/L		95	70 - 130
Trichloroethene	50.0	51.6		ug/L		103	70 - 130
Trichlorofluoromethane	50.0	48.0		ug/L		96	55 - 156
1,2,3-Trichloropropane	50.0	47.6		ug/L		95	70 - 130
Vinyl acetate	100	165		ug/L		165	60 - 176
Vinyl chloride	50.0	47.5		ug/L		95	67 - 134
Xylenes, Total	150	135		ug/L		90	70 - 130
2-Hexanone	100	86.3		ug/L		86	42 - 185
Chlorobromomethane	50.0	50.5		ug/L		101	70 - 130
cis-1,2-Dichloroethene	50.0	55.3		ug/L		111	70 - 130
1,3-Dichloropropane	50.0	46.6		ug/L		93	70 - 130
2,2-Dichloropropane	50.0	55.8		ug/L		112	70 - 135
1,1-Dichloropropene	50.0	47.9		ug/L		96	70 - 130
1,2-Dichlorobenzene	50.0	48.4		ug/L		97	70 - 130
1,3-Dichlorobenzene	50.0	48.3		ug/L		97	70 - 130
1,4-Dichlorobenzene	50.0	47.0		ug/L		94	70 - 130
1,2,4-Trichlorobenzene	50.0	48.2		ug/L		96	65 - 130
Dibromomethane	50.0	45.6		ug/L		91	70 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*95*		*70 - 130*
4-Bromofluorobenzene	*96*		*70 - 130*
Dibromofluoromethane	*110*		*70 - 130*

Lab Sample ID: LCSD 680-207677/18
Matrix: Water
Analysis Batch: 207677

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Acetone	100	99.9		ug/L		100	26 - 180	3	50
Benzene	50.0	47.6		ug/L		95	70 - 130	0	30
Dichlorobromomethane	50.0	46.6		ug/L		93	70 - 130	1	30
Bromomethane	50.0	50.5		ug/L		101	23 - 165	13	50
Carbon disulfide	50.0	52.5		ug/L		105	54 - 132	4	30
Chlorobenzene	50.0	47.2		ug/L		94	70 - 130	1	30
Chlorodibromomethane	50.0	46.2		ug/L		92	70 - 130	1	50
Chloroethane	50.0	42.1		ug/L		84	56 - 152	5	40
Chloromethane	50.0	48.9		ug/L		98	70 - 130	2	30
Chloroform	50.0	52.7		ug/L		105	70 - 130	1	30
1,2-Dibromo-3-Chloropropane	50.0	47.8		ug/L		96	70 - 130	1	50
Ethylene Dibromide	50.0	48.4		ug/L		97	70 - 130	3	30
Dichlorodifluoromethane	50.0	61.7		ug/L		123	44 - 146	2	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-207677/18
Matrix: Water
Analysis Batch: 207677

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	50.0	52.2		ug/L		104	70 - 130	1	30
1,2-Dichloroethane	50.0	47.0		ug/L		94	70 - 130	1	30
trans-1,2-Dichloroethene	50.0	55.0		ug/L		110	70 - 130	1	30
1,1-Dichloroethene	50.0	59.1		ug/L		118	66 - 131	2	30
Methylene Chloride	50.0	52.8		ug/L		106	67 - 130	4	30
1,2-Dichloropropane	50.0	46.3		ug/L		93	70 - 130	0	30
cis-1,3-Dichloropropene	50.0	46.8		ug/L		94	70 - 130	1	30
trans-1,3-Dichloropropene	50.0	44.9		ug/L		90	70 - 130	0	50
Ethylbenzene	50.0	46.9		ug/L		94	70 - 130	1	30
2-Butanone (MEK)	100	92.1		ug/L		92	49 - 172	3	30
4-Methyl-2-pentanone (MIBK)	100	78.3		ug/L		78	70 - 130	0	30
Styrene	50.0	44.5		ug/L		89	70 - 130	0	30
1,1,1,2-Tetrachloroethane	50.0	45.7		ug/L		91	70 - 130	1	30
1,1,2,2-Tetrachloroethane	50.0	47.5		ug/L		95	70 - 130	1	30
Tetrachloroethene	50.0	49.0		ug/L		98	70 - 130	1	30
Carbon tetrachloride	50.0	43.1		ug/L		86	70 - 130	1	30
Toluene	50.0	46.1		ug/L		92	70 - 130	1	30
Bromoform	50.0	43.8		ug/L		88	70 - 130	2	30
1,1,2-Trichloroethane	50.0	46.9		ug/L		94	70 - 130	0	30
1,1,1-Trichloroethane	50.0	47.5		ug/L		95	70 - 130	0	30
Trichloroethene	50.0	51.0		ug/L		102	70 - 130	1	30
Trichlorofluoromethane	50.0	47.1		ug/L		94	55 - 156	2	30
1,2,3-Trichloropropane	50.0	45.4		ug/L		91	70 - 130	5	30
Vinyl acetate	100	161		ug/L		161	60 - 176	3	30
Vinyl chloride	50.0	48.8		ug/L		98	67 - 134	3	30
Xylenes, Total	150	135		ug/L		90	70 - 130	0	30
2-Hexanone	100	84.4		ug/L		84	42 - 185	2	30
Chlorobromomethane	50.0	50.6		ug/L		101	70 - 130	0	30
cis-1,2-Dichloroethene	50.0	54.2		ug/L		108	70 - 130	2	30
1,3-Dichloropropane	50.0	46.3		ug/L		93	70 - 130	1	30
2,2-Dichloropropane	50.0	55.9		ug/L		112	70 - 135	0	30
1,1-Dichloropropene	50.0	48.2		ug/L		96	70 - 130	1	30
1,2-Dichlorobenzene	50.0	49.0		ug/L		98	70 - 130	1	30
1,3-Dichlorobenzene	50.0	49.3		ug/L		99	70 - 130	2	30
1,4-Dichlorobenzene	50.0	48.0		ug/L		96	70 - 130	2	30
1,2,4-Trichlorobenzene	50.0	48.1		ug/L		96	65 - 130	0	30
Dibromomethane	50.0	46.1		ug/L		92	70 - 130	1	30

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*96*		*70 - 130*
4-Bromofluorobenzene	*96*		*70 - 130*
Dibromofluoromethane	*112*		*70 - 130*

Lab Sample ID: MB 680-207678/20
Matrix: Water
Analysis Batch: 207678

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	10	U	40	10	ug/L			06/29/11 11:28	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-207678/20
Matrix: Water
Analysis Batch: 207678

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	5.0	U	25	5.0	ug/L			06/29/11 11:28	1
Benzene	0.25	U	1.0	0.25	ug/L			06/29/11 11:28	1
Dichlorobromomethane	0.25	U	1.0	0.25	ug/L			06/29/11 11:28	1
Bromomethane	0.80	U	1.0	0.80	ug/L			06/29/11 11:28	1
Carbon disulfide	0.60	U	2.0	0.60	ug/L			06/29/11 11:28	1
Chlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 11:28	1
Chlorodibromomethane	0.10	U	1.0	0.10	ug/L			06/29/11 11:28	1
Chloroethane	1.0	U	1.0	1.0	ug/L			06/29/11 11:28	1
Chloromethane	0.33	U	1.0	0.33	ug/L			06/29/11 11:28	1
Chloroform	0.14	U	1.0	0.14	ug/L			06/29/11 11:28	1
3-Chloro-1-propene	0.20	U	1.0	0.20	ug/L			06/29/11 11:28	1
1,2-Dibromo-3-Chloropropane	0.44	U	1.0	0.44	ug/L			06/29/11 11:28	1
Ethylene Dibromide	0.25	U	1.0	0.25	ug/L			06/29/11 11:28	1
trans-1,4-Dichloro-2-butene	0.50	U	2.0	0.50	ug/L			06/29/11 11:28	1
Dichlorodifluoromethane	0.25	U	1.0	0.25	ug/L			06/29/11 11:28	1
1,1-Dichloroethane	0.25	U	1.0	0.25	ug/L			06/29/11 11:28	1
1,2-Dichloroethane	0.10	U	1.0	0.10	ug/L			06/29/11 11:28	1
trans-1,2-Dichloroethene	0.20	U	1.0	0.20	ug/L			06/29/11 11:28	1
1,1-Dichloroethene	0.11	U	1.0	0.11	ug/L			06/29/11 11:28	1
Methylene Chloride	3.36	J	5.0	1.0	ug/L			06/29/11 11:28	1
1,2-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/29/11 11:28	1
cis-1,3-Dichloropropene	0.11	U	1.0	0.11	ug/L			06/29/11 11:28	1
trans-1,3-Dichloropropene	0.21	U	1.0	0.21	ug/L			06/29/11 11:28	1
Ethylbenzene	0.11	U	1.0	0.11	ug/L			06/29/11 11:28	1
2-Butanone (MEK)	1.0	U	10	1.0	ug/L			06/29/11 11:28	1
Iodomethane	1.0	U	5.0	1.0	ug/L			06/29/11 11:28	1
Methacrylonitrile	3.3	U	20	3.3	ug/L			06/29/11 11:28	1
4-Methyl-2-pentanone (MIBK)	1.0	U	10	1.0	ug/L			06/29/11 11:28	1
Styrene	0.11	U	1.0	0.11	ug/L			06/29/11 11:28	1
1,1,1,2-Tetrachloroethane	0.33	U	1.0	0.33	ug/L			06/29/11 11:28	1
1,1,2,2-Tetrachloroethane	0.18	U	1.0	0.18	ug/L			06/29/11 11:28	1
Tetrachloroethene	0.15	U	1.0	0.15	ug/L			06/29/11 11:28	1
Carbon tetrachloride	0.50	U	1.0	0.50	ug/L			06/29/11 11:28	1
Toluene	0.33	U	1.0	0.33	ug/L			06/29/11 11:28	1
Bromoform	0.50	U	1.0	0.50	ug/L			06/29/11 11:28	1
1,1,2-Trichloroethane	0.13	U	1.0	0.13	ug/L			06/29/11 11:28	1
1,1,1-Trichloroethane	0.50	U	1.0	0.50	ug/L			06/29/11 11:28	1
Trichloroethene	0.13	U	1.0	0.13	ug/L			06/29/11 11:28	1
Trichlorofluoromethane	0.25	U	1.0	0.25	ug/L			06/29/11 11:28	1
1,2,3-Trichloropropane	0.41	U	1.0	0.41	ug/L			06/29/11 11:28	1
Vinyl acetate	0.28	U	2.0	0.28	ug/L			06/29/11 11:28	1
Vinyl chloride	0.18	U	1.0	0.18	ug/L			06/29/11 11:28	1
Xylenes, Total	0.20	U	2.0	0.20	ug/L			06/29/11 11:28	1
2-Hexanone	1.0	U	10	1.0	ug/L			06/29/11 11:28	1
Propionitrile	4.6	U	20	4.6	ug/L			06/29/11 11:28	1
Methyl methacrylate	0.48	U	1.0	0.48	ug/L			06/29/11 11:28	1
Acrolein	7.4	U	20	7.4	ug/L			06/29/11 11:28	1
Acrylonitrile	7.2	U	20	7.2	ug/L			06/29/11 11:28	1
Ethyl methacrylate	0.25	U	1.0	0.25	ug/L			06/29/11 11:28	1
Isobutyl alcohol	11	U	40	11	ug/L			06/29/11 11:28	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-207678/20
Matrix: Water
Analysis Batch: 207678

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.14	U	1.0	0.14	ug/L			06/29/11 11:28	1
cis-1,2-Dichloroethene	0.15	U	1.0	0.15	ug/L			06/29/11 11:28	1
1,3-Dichloropropane	0.13	U	1.0	0.13	ug/L			06/29/11 11:28	1
2,2-Dichloropropane	0.12	U	1.0	0.12	ug/L			06/29/11 11:28	1
1,1-Dichloropropene	0.25	U	1.0	0.25	ug/L			06/29/11 11:28	1
2-Chloro-1,3-butadiene	0.30	U	1.0	0.30	ug/L			06/29/11 11:28	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			06/29/11 11:28	1
1,3-Dichlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 11:28	1
1,4-Dichlorobenzene	0.28	U	1.0	0.28	ug/L			06/29/11 11:28	1
1,2,4-Trichlorobenzene	0.25	U	1.0	0.25	ug/L			06/29/11 11:28	1
Dibromomethane	0.20	U	1.0	0.20	ug/L			06/29/11 11:28	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*108*		*70 - 130*		*06/29/11 11:28*	*1*
4-Bromofluorobenzene	*97*		*70 - 130*		*06/29/11 11:28*	*1*
Dibromofluoromethane	*112*		*70 - 130*		*06/29/11 11:28*	*1*

Lab Sample ID: LCS 680-207678/17
Matrix: Water
Analysis Batch: 207678

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	100	96.5		ug/L		96	26 - 180
Benzene	50.0	47.5		ug/L		95	70 - 130
Dichlorobromomethane	50.0	46.0		ug/L		92	70 - 130
Bromomethane	50.0	22.9		ug/L		46	23 - 165
Carbon disulfide	50.0	56.6		ug/L		113	54 - 132
Chlorobenzene	50.0	48.5		ug/L		97	70 - 130
Chlorodibromomethane	50.0	46.4		ug/L		93	70 - 130
Chloroethane	50.0	41.5		ug/L		83	56 - 152
Chloromethane	50.0	52.7		ug/L		105	70 - 130
Chloroform	50.0	53.2		ug/L		106	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	46.0		ug/L		92	70 - 130
Ethylene Dibromide	50.0	45.8		ug/L		92	70 - 130
Dichlorodifluoromethane	50.0	60.1		ug/L		120	44 - 146
1,1-Dichloroethane	50.0	53.5		ug/L		107	70 - 130
1,2-Dichloroethane	50.0	46.5		ug/L		93	70 - 130
trans-1,2-Dichloroethene	50.0	53.6		ug/L		107	70 - 130
1,1-Dichloroethene	50.0	60.6		ug/L		121	66 - 131
Methylene Chloride	50.0	54.2		ug/L		108	67 - 130
1,2-Dichloropropane	50.0	46.1		ug/L		92	70 - 130
cis-1,3-Dichloropropene	50.0	45.4		ug/L		91	70 - 130
trans-1,3-Dichloropropene	50.0	45.2		ug/L		90	70 - 130
Ethylbenzene	50.0	47.5		ug/L		95	70 - 130
2-Butanone (MEK)	100	92.4		ug/L		92	49 - 172
4-Methyl-2-pentanone (MIBK)	100	79.6		ug/L		80	70 - 130
Styrene	50.0	44.6		ug/L		89	70 - 130
1,1,1,2-Tetrachloroethane	50.0	44.5		ug/L		89	70 - 130
1,1,2,2-Tetrachloroethane	50.0	46.5		ug/L		93	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-207678/17
Matrix: Water
Analysis Batch: 207678

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Tetrachloroethene	50.0	48.9		ug/L		98	70 - 130
Carbon tetrachloride	50.0	43.5		ug/L		87	70 - 130
Toluene	50.0	47.8		ug/L		96	70 - 130
Bromoform	50.0	43.7		ug/L		87	70 - 130
1,1,2-Trichloroethane	50.0	45.7		ug/L		91	70 - 130
1,1,1-Trichloroethane	50.0	48.3		ug/L		97	70 - 130
Trichloroethene	50.0	50.1		ug/L		100	70 - 130
Trichlorofluoromethane	50.0	47.1		ug/L		94	55 - 156
1,2,3-Trichloropropane	50.0	44.4		ug/L		89	70 - 130
Vinyl acetate	100	149		ug/L		149	60 - 176
Vinyl chloride	50.0	50.1		ug/L		100	67 - 134
Xylenes, Total	150	136		ug/L		91	70 - 130
2-Hexanone	100	80.4		ug/L		80	42 - 185
Chlorobromomethane	50.0	53.5		ug/L		107	70 - 130
cis-1,2-Dichloroethene	50.0	57.2		ug/L		114	70 - 130
1,3-Dichloropropane	50.0	45.2		ug/L		90	70 - 130
2,2-Dichloropropane	50.0	58.6		ug/L		117	70 - 135
1,1-Dichloropropene	50.0	50.3		ug/L		101	70 - 130
1,2-Dichlorobenzene	50.0	44.8		ug/L		90	70 - 130
1,3-Dichlorobenzene	50.0	45.7		ug/L		91	70 - 130
1,4-Dichlorobenzene	50.0	48.2		ug/L		96	70 - 130
1,2,4-Trichlorobenzene	50.0	46.4		ug/L		93	65 - 130
Dibromomethane	50.0	45.1		ug/L		90	70 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene	*94*		*70 - 130*
Dibromofluoromethane	*112*		*70 - 130*

Lab Sample ID: LCSD 680-207678/18
Matrix: Water
Analysis Batch: 207678

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Acetone	100	92.3		ug/L		92	26 - 180	4	50
Benzene	50.0	47.5		ug/L		95	70 - 130	0	30
Dichlorobromomethane	50.0	46.4		ug/L		93	70 - 130	1	30
Bromomethane	50.0	28.0		ug/L		56	23 - 165	20	50
Carbon disulfide	50.0	55.1		ug/L		110	54 - 132	3	30
Chlorobenzene	50.0	48.8		ug/L		98	70 - 130	1	30
Chlorodibromomethane	50.0	46.0		ug/L		92	70 - 130	1	50
Chloroethane	50.0	38.9		ug/L		78	56 - 152	6	40
Chloromethane	50.0	52.1		ug/L		104	70 - 130	1	30
Chloroform	50.0	52.7		ug/L		105	70 - 130	1	30
1,2-Dibromo-3-Chloropropane	50.0	49.1		ug/L		98	70 - 130	7	50
Ethylene Dibromide	50.0	48.0		ug/L		96	70 - 130	5	30
Dichlorodifluoromethane	50.0	59.4		ug/L		119	44 - 146	1	50
1,1-Dichloroethane	50.0	52.9		ug/L		106	70 - 130	1	30
1,2-Dichloroethane	50.0	46.6		ug/L		93	70 - 130	0	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-207678/18
Matrix: Water
Analysis Batch: 207678

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
trans-1,2-Dichloroethene	50.0	52.1		ug/L		104	70 - 130	3	30
1,1-Dichloroethene	50.0	58.5		ug/L		117	66 - 131	4	30
Methylene Chloride	50.0	53.7		ug/L		107	67 - 130	1	30
1,2-Dichloropropane	50.0	47.3		ug/L		95	70 - 130	2	30
cis-1,3-Dichloropropene	50.0	46.3		ug/L		93	70 - 130	2	30
trans-1,3-Dichloropropene	50.0	46.6		ug/L		93	70 - 130	3	50
Ethylbenzene	50.0	47.3		ug/L		95	70 - 130	0	30
2-Butanone (MEK)	100	92.5		ug/L		92	49 - 172	0	30
4-Methyl-2-pentanone (MIBK)	100	82.5		ug/L		82	70 - 130	4	30
Styrene	50.0	45.5		ug/L		91	70 - 130	2	30
1,1,1,2-Tetrachloroethane	50.0	45.1		ug/L		90	70 - 130	1	30
1,1,2,2-Tetrachloroethane	50.0	47.5		ug/L		95	70 - 130	2	30
Tetrachloroethene	50.0	48.9		ug/L		98	70 - 130	0	30
Carbon tetrachloride	50.0	42.9		ug/L		86	70 - 130	1	30
Toluene	50.0	48.1		ug/L		96	70 - 130	1	30
Bromoform	50.0	43.8		ug/L		88	70 - 130	0	30
1,1,2-Trichloroethane	50.0	47.3		ug/L		95	70 - 130	3	30
1,1,1-Trichloroethane	50.0	48.2		ug/L		96	70 - 130	0	30
Trichloroethene	50.0	50.3		ug/L		101	70 - 130	0	30
Trichlorofluoromethane	50.0	45.5		ug/L		91	55 - 156	3	30
1,2,3-Trichloropropane	50.0	45.6		ug/L		91	70 - 130	3	30
Vinyl acetate	100	156		ug/L		156	60 - 176	4	30
Vinyl chloride	50.0	49.2		ug/L		98	67 - 134	2	30
Xylenes, Total	150	137		ug/L		91	70 - 130	1	30
2-Hexanone	100	81.5		ug/L		81	42 - 185	1	30
Chlorobromomethane	50.0	53.6		ug/L		107	70 - 130	0	30
cis-1,2-Dichloroethene	50.0	55.7		ug/L		111	70 - 130	3	30
1,3-Dichloropropane	50.0	46.2		ug/L		92	70 - 130	2	30
2,2-Dichloropropane	50.0	59.5		ug/L		119	70 - 135	2	30
1,1-Dichloropropene	50.0	49.3		ug/L		99	70 - 130	2	30
1,2-Dichlorobenzene	50.0	45.2		ug/L		90	70 - 130	1	30
1,3-Dichlorobenzene	50.0	46.5		ug/L		93	70 - 130	2	30
1,4-Dichlorobenzene	50.0	48.1		ug/L		96	70 - 130	0	30
1,2,4-Trichlorobenzene	50.0	48.4		ug/L		97	65 - 130	4	30
Dibromomethane	50.0	46.1		ug/L		92	70 - 130	2	30

Surrogate	*LCSD % Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene	*95*		*70 - 130*
Dibromofluoromethane	*112*		*70 - 130*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-207477/10-A
Matrix: Water
Analysis Batch: 208844

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 207477

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.76	U	10	0.76	ug/L		06/29/11 14:40	07/13/11 21:03	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-207477/10-A
Matrix: Water
Analysis Batch: 208844

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 207477

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	0.85	U	10	0.85	ug/L		06/29/11 14:40	07/13/11 21:03	1
Acetophenone	0.57	U	10	0.57	ug/L		06/29/11 14:40	07/13/11 21:03	1
2-Acetylaminofluorene	1.6	U	10	1.6	ug/L		06/29/11 14:40	07/13/11 21:03	1
4-Aminobiphenyl	1.2	U	10	1.2	ug/L		06/29/11 14:40	07/13/11 21:03	1
Anthracene	0.69	U	10	0.69	ug/L		06/29/11 14:40	07/13/11 21:03	1
Benzo[a]anthracene	0.55	U	10	0.55	ug/L		06/29/11 14:40	07/13/11 21:03	1
Benzo[a]pyrene	0.71	U	10	0.71	ug/L		06/29/11 14:40	07/13/11 21:03	1
Benzo[b]fluoranthene	2.6	U	10	2.6	ug/L		06/29/11 14:40	07/13/11 21:03	1
Benzo[g,h,i]perylene	0.87	U	10	0.87	ug/L		06/29/11 14:40	07/13/11 21:03	1
Benzo[k]fluoranthene	1.2	U	10	1.2	ug/L		06/29/11 14:40	07/13/11 21:03	1
Benzyl alcohol	1.1	U	10	1.1	ug/L		06/29/11 14:40	07/13/11 21:03	1
1,1'-Biphenyl	0.58	U	10	0.58	ug/L		06/29/11 14:40	07/13/11 21:03	1
Bis(2-chloroethoxy)methane	0.94	U	10	0.94	ug/L		06/29/11 14:40	07/13/11 21:03	1
Bis(2-chloroethyl)ether	1.1	U	10	1.1	ug/L		06/29/11 14:40	07/13/11 21:03	1
bis(chloroisopropyl) ether	0.78	U	10	0.78	ug/L		06/29/11 14:40	07/13/11 21:03	1
Bis(2-ethylhexyl) phthalate	1.6	U	10	1.6	ug/L		06/29/11 14:40	07/13/11 21:03	1
4-Bromophenyl phenyl ether	0.77	U	10	0.77	ug/L		06/29/11 14:40	07/13/11 21:03	1
Butyl benzyl phthalate	1.2	U	10	1.2	ug/L		06/29/11 14:40	07/13/11 21:03	1
4-Chloroaniline	2.2	U	20	2.2	ug/L		06/29/11 14:40	07/13/11 21:03	1
4-Chloro-3-methylphenol	1.0	U	10	1.0	ug/L		06/29/11 14:40	07/13/11 21:03	1
2-Chloronaphthalene	0.80	U	10	0.80	ug/L		06/29/11 14:40	07/13/11 21:03	1
2-Chlorophenol	0.87	U	10	0.87	ug/L		06/29/11 14:40	07/13/11 21:03	1
4-Chlorophenyl phenyl ether	0.84	U	10	0.84	ug/L		06/29/11 14:40	07/13/11 21:03	1
Chrysene	0.51	U	10	0.51	ug/L		06/29/11 14:40	07/13/11 21:03	1
Diallate	0.78	U	10	0.78	ug/L		06/29/11 14:40	07/13/11 21:03	1
Dibenz(a,h)anthracene	1.0	U	10	1.0	ug/L		06/29/11 14:40	07/13/11 21:03	1
Dibenzofuran	0.79	U	10	0.79	ug/L		06/29/11 14:40	07/13/11 21:03	1
3,3'-Dichlorobenzidine	30	U	60	30	ug/L		06/29/11 14:40	07/13/11 21:03	1
2,4-Dichlorophenol	1.1	U	10	1.1	ug/L		06/29/11 14:40	07/13/11 21:03	1
2,6-Dichlorophenol	0.73	U	10	0.73	ug/L		06/29/11 14:40	07/13/11 21:03	1
Diethyl phthalate	0.88	U	10	0.88	ug/L		06/29/11 14:40	07/13/11 21:03	1
Dimethoate	0.75	U	10	0.75	ug/L		06/29/11 14:40	07/13/11 21:03	1
7,12-Dimethylbenz(a)anthracene	1.2	U	10	1.2	ug/L		06/29/11 14:40	07/13/11 21:03	1
3,3'-Dimethylbenzidine	10	U	20	10	ug/L		06/29/11 14:40	07/13/11 21:03	1
2,4-Dimethylphenol	4.0	U	10	4.0	ug/L		06/29/11 14:40	07/13/11 21:03	1
Dimethyl phthalate	0.99	U	10	0.99	ug/L		06/29/11 14:40	07/13/11 21:03	1
Di-n-butyl phthalate	0.83	U	10	0.83	ug/L		06/29/11 14:40	07/13/11 21:03	1
1,3-Dinitrobenzene	0.60	U	10	0.60	ug/L		06/29/11 14:40	07/13/11 21:03	1
4,6-Dinitro-2-methylphenol	10	U	50	10	ug/L		06/29/11 14:40	07/13/11 21:03	1
2,4-Dinitrophenol	10	U	50	10	ug/L		06/29/11 14:40	07/13/11 21:03	1
2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L		06/29/11 14:40	07/13/11 21:03	1
2,6-Dinitrotoluene	1.1	U	10	1.1	ug/L		06/29/11 14:40	07/13/11 21:03	1
Di-n-octyl phthalate	1.4	U	10	1.4	ug/L		06/29/11 14:40	07/13/11 21:03	1
Dinoseb	5.0	U	10	5.0	ug/L		06/29/11 14:40	07/13/11 21:03	1
1,4-Dioxane	3.4	U	10	3.4	ug/L		06/29/11 14:40	07/13/11 21:03	1
Disulfoton	0.79	U	10	0.79	ug/L		06/29/11 14:40	07/13/11 21:03	1
Ethyl methanesulfonate	0.96	U	10	0.96	ug/L		06/29/11 14:40	07/13/11 21:03	1
Ethyl Parathion	1.3	U	10	1.3	ug/L		06/29/11 14:40	07/13/11 21:03	1
Famphur	1.1	U	10	1.1	ug/L		06/29/11 14:40	07/13/11 21:03	1
Fluoranthene	0.74	U	10	0.74	ug/L		06/29/11 14:40	07/13/11 21:03	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-207477/10-A
Matrix: Water
Analysis Batch: 208844

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 207477

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	0.96	U	10	0.96	ug/L		06/29/11 14:40	07/13/11 21:03	1
Hexachlorobenzene	0.79	U	10	0.79	ug/L		06/29/11 14:40	07/13/11 21:03	1
Hexachlorobutadiene	0.62	U	10	0.62	ug/L		06/29/11 14:40	07/13/11 21:03	1
Hexachlorocyclopentadiene	2.5	U	10	2.5	ug/L		06/29/11 14:40	07/13/11 21:03	1
Hexachloroethane	0.76	U	10	0.76	ug/L		06/29/11 14:40	07/13/11 21:03	1
Hexachloropropene	1.4	U	10	1.4	ug/L		06/29/11 14:40	07/13/11 21:03	1
Indeno[1,2,3-cd]pyrene	1.0	U	10	1.0	ug/L		06/29/11 14:40	07/13/11 21:03	1
Isophorone	0.90	U	10	0.90	ug/L		06/29/11 14:40	07/13/11 21:03	1
Isosafrole	0.50	U	10	0.50	ug/L		06/29/11 14:40	07/13/11 21:03	1
Methapyrilene	2.7	U	2000	2.7	ug/L		06/29/11 14:40	07/13/11 21:03	1
3-Methylcholanthrene	1.4	U	10	1.4	ug/L		06/29/11 14:40	07/13/11 21:03	1
Methyl methanesulfonate	0.60	U	10	0.60	ug/L		06/29/11 14:40	07/13/11 21:03	1
2-Methylnaphthalene	0.78	U	10	0.78	ug/L		06/29/11 14:40	07/13/11 21:03	1
Methyl parathion	0.88	U	10	0.88	ug/L		06/29/11 14:40	07/13/11 21:03	1
2-Methylphenol	0.89	U	10	0.89	ug/L		06/29/11 14:40	07/13/11 21:03	1
3 & 4 Methylphenol	1.3	U	10	1.3	ug/L		06/29/11 14:40	07/13/11 21:03	1
Naphthalene	0.70	U	10	0.70	ug/L		06/29/11 14:40	07/13/11 21:03	1
1,4-Naphthoquinone	0.62	U	10	0.62	ug/L		06/29/11 14:40	07/13/11 21:03	1
1-Naphthylamine	1.1	U	10	1.1	ug/L		06/29/11 14:40	07/13/11 21:03	1
2-Naphthylamine	1.5	U	10	1.5	ug/L		06/29/11 14:40	07/13/11 21:03	1
2-Nitroaniline	1.3	U	50	1.3	ug/L		06/29/11 14:40	07/13/11 21:03	1
3-Nitroaniline	5.0	U	50	5.0	ug/L		06/29/11 14:40	07/13/11 21:03	1
4-Nitroaniline	5.0	U	50	5.0	ug/L		06/29/11 14:40	07/13/11 21:03	1
Nitrobenzene	0.73	U	10	0.73	ug/L		06/29/11 14:40	07/13/11 21:03	1
2-Nitrophenol	0.76	U	10	0.76	ug/L		06/29/11 14:40	07/13/11 21:03	1
4-Nitrophenol	1.9	U	50	1.9	ug/L		06/29/11 14:40	07/13/11 21:03	1
N-Nitro-o-toluidine	1.5	U	10	1.5	ug/L		06/29/11 14:40	07/13/11 21:03	1
N-Nitrosodiethylamine	0.93	U	10	0.93	ug/L		06/29/11 14:40	07/13/11 21:03	1
N-Nitrosodimethylamine	2.8	U	10	2.8	ug/L		06/29/11 14:40	07/13/11 21:03	1
N-Nitrosodi-n-butylamine	0.96	U	10	0.96	ug/L		06/29/11 14:40	07/13/11 21:03	1
N-Nitrosodi-n-propylamine	0.72	U	10	0.72	ug/L		06/29/11 14:40	07/13/11 21:03	1
N-Nitrosodiphenylamine	0.92	U	10	0.92	ug/L		06/29/11 14:40	07/13/11 21:03	1
N-Nitrosomethylethylamine	3.3	U	10	3.3	ug/L		06/29/11 14:40	07/13/11 21:03	1
N-Nitrosopiperidine	0.88	U	10	0.88	ug/L		06/29/11 14:40	07/13/11 21:03	1
N-Nitrosopyrrolidine	1.0	U	10	1.0	ug/L		06/29/11 14:40	07/13/11 21:03	1
o,o',o''-Triethylphosphorothioate	1.0	U	10	1.0	ug/L		06/29/11 14:40	07/13/11 21:03	1
p-Dimethylamino azobenzene	0.79	U	10	0.79	ug/L		06/29/11 14:40	07/13/11 21:03	1
Pentachlorobenzene	0.52	U	10	0.52	ug/L		06/29/11 14:40	07/13/11 21:03	1
Pentachloronitrobenzene	0.78	U	10	0.78	ug/L		06/29/11 14:40	07/13/11 21:03	1
Pentachlorophenol	2.0	U	50	2.0	ug/L		06/29/11 14:40	07/13/11 21:03	1
Phenacetin	1.4	U	10	1.4	ug/L		06/29/11 14:40	07/13/11 21:03	1
Phenanthrene	0.77	U	10	0.77	ug/L		06/29/11 14:40	07/13/11 21:03	1
Phenol	0.83	U	10	0.83	ug/L		06/29/11 14:40	07/13/11 21:03	1
Phorate	0.87	U	10	0.87	ug/L		06/29/11 14:40	07/13/11 21:03	1
p-Phenylene diamine	10	U	2000	10	ug/L		06/29/11 14:40	07/13/11 21:03	1
Pronamide	0.89	U	10	0.89	ug/L		06/29/11 14:40	07/13/11 21:03	1
Pyrene	0.63	U	10	0.63	ug/L		06/29/11 14:40	07/13/11 21:03	1
Safrole, Total	0.80	U	10	0.80	ug/L		06/29/11 14:40	07/13/11 21:03	1
Sulfotepp	0.53	U	10	0.53	ug/L		06/29/11 14:40	07/13/11 21:03	1
1,2,4,5-Tetrachlorobenzene	0.76	U	10	0.76	ug/L		06/29/11 14:40	07/13/11 21:03	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-207477/10-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208844 — **Prep Batch: 207477**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,4,6-Tetrachlorophenol	0.72	U	10	0.72	ug/L		06/29/11 14:40	07/13/11 21:03	1
Thionazin	0.91	U	10	0.91	ug/L		06/29/11 14:40	07/13/11 21:03	1
2-Toluidine	1.4	U	10	1.4	ug/L		06/29/11 14:40	07/13/11 21:03	1
2,4,5-Trichlorophenol	1.2	U	10	1.2	ug/L		06/29/11 14:40	07/13/11 21:03	1
2,4,6-Trichlorophenol	0.85	U	10	0.85	ug/L		06/29/11 14:40	07/13/11 21:03	1
1,3,5-Trinitrobenzene	2.0	U	10	2.0	ug/L		06/29/11 14:40	07/13/11 21:03	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79*		*38 - 130*	*06/29/11 14:40*	*07/13/11 21:03*	*1*
2-Fluorophenol	*73*		*25 - 130*	*06/29/11 14:40*	*07/13/11 21:03*	*1*
Nitrobenzene-d5	*82*		*39 - 130*	*06/29/11 14:40*	*07/13/11 21:03*	*1*
Phenol-d5	*76*		*25 - 130*	*06/29/11 14:40*	*07/13/11 21:03*	*1*
Terphenyl-d14	*90*		*10 - 143*	*06/29/11 14:40*	*07/13/11 21:03*	*1*
2,4,6-Tribromophenol	*81*		*31 - 141*	*06/29/11 14:40*	*07/13/11 21:03*	*1*

Lab Sample ID: 680-69845-5 MS — **Client Sample ID: SLMW-9-6-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208844 — **Prep Batch: 207477**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Acenaphthene	0.75	U	98.9	72.8		ug/L		74	55 - 130
Acenaphthylene	0.84	U	98.9	75.6		ug/L		76	60 - 130
Anthracene	0.68	U	98.9	87.2		ug/L		88	61 - 130
Benzo[a]anthracene	0.55	U	98.9	89.6		ug/L		91	58 - 130
Benzo[a]pyrene	0.70	U	98.9	87.1		ug/L		88	61 - 130
Benzo[b]fluoranthene	2.6	U	98.9	74.9		ug/L		76	51 - 130
Benzo[g,h,i]perylene	0.86	U	98.9	82.2		ug/L		83	54 - 130
Benzo[k]fluoranthene	1.2	U	98.9	91.4		ug/L		92	53 - 130
Benzyl alcohol	1.1	U	98.9	77.3		ug/L		78	53 - 130
1,1'-Biphenyl	0.58	U	98.9	68.9		ug/L		70	54 - 130
Bis(2-chloroethoxy)methane	0.93	U	98.9	86.5		ug/L		87	64 - 130
Bis(2-chloroethyl)ether	1.1	U	98.9	77.7		ug/L		79	56 - 130
bis(chloroisopropyl) ether	0.77	U	98.9	78.9		ug/L		80	55 - 130
Bis(2-ethylhexyl) phthalate	1.6	U	98.9	98.6		ug/L		100	62 - 130
4-Bromophenyl phenyl ether	0.76	U	98.9	91.9		ug/L		93	61 - 130
Butyl benzyl phthalate	1.2	U	98.9	99.9		ug/L		101	66 - 130
4-Chloroaniline	2.2	U J	98.9	38.0	J	ug/L		38	42 - 130
4-Chloro-3-methylphenol	0.99	U	98.9	84.1		ug/L		85	60 - 130
2-Chloronaphthalene	0.79	U	98.9	66.7		ug/L		67	53 - 130
2-Chlorophenol	0.86	U	98.9	73.1		ug/L		74	57 - 130
4-Chlorophenyl phenyl ether	0.83	U	98.9	82.3		ug/L		83	57 - 130
Chrysene	0.51	U	98.9	87.5		ug/L		89	59 - 130
Dibenz(a,h)anthracene	0.99	U	98.9	79.6		ug/L		81	55 - 130
Dibenzofuran	0.78	U	98.9	77.1		ug/L		78	58 - 130
3,3'-Dichlorobenzidine	30	U J	98.9	30	U J	ug/L		0	27 - 130
2,4-Dichlorophenol	1.1	U	98.9	79.0		ug/L		80	54 - 130
Diethyl phthalate	0.87	U	98.9	91.2		ug/L		92	70 - 130
2,4-Dimethylphenol	4.0	U	98.9	79.5		ug/L		80	40 - 130
Dimethyl phthalate	0.98	U	98.9	90.0		ug/L		91	69 - 130

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 680-69845-5 MS — **Client Sample ID: SLMW-9-6-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208844 — **Prep Batch: 207477**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Di-n-butyl phthalate	0.82	U	98.9	96.7		ug/L		98	66 - 130
4,6-Dinitro-2-methylphenol	9.9	U	98.9	88.3		ug/L		89	45 - 134
2,4-Dinitrophenol	9.9	U	98.9	85.9		ug/L		87	20 - 165
2,4-Dinitrotoluene	1.2	U	98.9	81.0		ug/L		82	63 - 130
2,6-Dinitrotoluene	1.1	U	98.9	78.3		ug/L		79	65 - 130
Di-n-octyl phthalate	1.4	U	98.9	98.8		ug/L		100	64 - 130
1,4-Dioxane	6.2	J M	98.9	52.1		ug/L		46	35 - 130
Fluoranthene	0.73	U	98.9	91.2		ug/L		92	56 - 130
Fluorene	0.95	U	98.9	81.0		ug/L		82	61 - 130
Hexachlorobenzene	0.78	U	98.9	83.4		ug/L		84	52 - 130
Hexachlorobutadiene	0.61	U	98.9	60.1		ug/L		61	36 - 130
Hexachlorocyclopentadiene	2.5	U	98.9	35.6		ug/L		36	10 - 130
Hexachloroethane	0.75	U	98.9	53.5		ug/L		54	39 - 130
Indeno[1,2,3-cd]pyrene	0.99	U	98.9	87.1		ug/L		88	47 - 130
Isophorone	0.89	U	98.9	72.3		ug/L		73	59 - 130
2-Methylnaphthalene	0.77	U	98.9	69.1		ug/L		70	52 - 130
2-Methylphenol	0.88	U	98.9	77.0		ug/L		78	55 - 130
3 & 4 Methylphenol	1.3	U	98.9	82.0		ug/L		83	35 - 130
Naphthalene	0.69	U	98.9	68.2		ug/L		69	50 - 130
2-Nitroaniline	1.3	U	98.9	73.1		ug/L		74	60 - 130
3-Nitroaniline	5.0	U J	98.9	46.0	J	ug/L		47	54 - 130
4-Nitroaniline	5.0	U	98.9	56.6		ug/L		57	54 - 130
Nitrobenzene	0.72	U	98.9	68.0		ug/L		69	56 - 130
2-Nitrophenol	0.75	U	98.9	69.8		ug/L		71	54 - 130
4-Nitrophenol	1.9	U	98.9	78.6		ug/L		79	38 - 130
N-Nitrosodimethylamine	2.8	U	98.9	76.6		ug/L		78	54 - 130
N-Nitrosodi-n-propylamine	0.71	U	98.9	84.2		ug/L		85	64 - 130
N-Nitrosodiphenylamine	0.91	U	98.9	74.9		ug/L		76	68 - 130
Pentachlorophenol	2.0	U	98.9	99.8		ug/L		101	42 - 138
Phenanthrene	0.76	U	98.9	89.9		ug/L		91	62 - 130
Phenol	0.82	U	98.9	66.4		ug/L		67	29 - 130
Pyrene	0.62	U	98.9	87.8		ug/L		89	60 - 130
2,4,5-Trichlorophenol	1.2	U	98.9	77.0		ug/L		78	61 - 130
2,4,6-Trichlorophenol	0.84	U	98.9	76.4		ug/L		77	57 - 130

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*70*		*38 - 130*
2-Fluorophenol	*63*		*25 - 130*
Nitrobenzene-d5	*70*		*39 - 130*
Phenol-d5	*68*		*25 - 130*
Terphenyl-d14	*81*		*10 - 143*
2,4,6-Tribromophenol	*84*		*31 - 141*

Lab Sample ID: 680-69845-5 MSD — **Client Sample ID: SLMW-9-6-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208844 — **Prep Batch: 207477**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Acenaphthene	0.75	U	97.5	65.8		ug/L		68	55 - 130	10	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 680-69845-5 MSD | **Client Sample ID: SLMW-9-6-11**
Matrix: Water | **Prep Type: Total/NA**
Analysis Batch: 208844 | **Prep Batch: 207477**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Acenaphthylene	0.84	U	97.5	68.8		ug/L		71	60 - 130	9	50
Anthracene	0.68	U	97.5	85.3		ug/L		87	61 - 130	2	50
Benzo[a]anthracene	0.55	U	97.5	90.8		ug/L		93	58 - 130	1	50
Benzo[a]pyrene	0.70	U	97.5	89.4		ug/L		92	61 - 130	3	50
Benzo[b]fluoranthene	2.6	U	97.5	82.6		ug/L		85	51 - 130	10	50
Benzo[g,h,i]perylene	0.86	U	97.5	84.4		ug/L		86	54 - 130	3	50
Benzo[k]fluoranthene	1.2	U	97.5	84.6		ug/L		87	53 - 130	8	50
Benzyl alcohol	1.1	U	97.5	61.5		ug/L		63	53 - 130	23	50
1,1'-Biphenyl	0.58	U	97.5	61.9		ug/L		63	54 - 130	11	50
Bis(2-chloroethoxy)methane	0.93	U	97.5	75.5		ug/L		77	64 - 130	14	50
Bis(2-chloroethyl)ether	1.1	U	97.5	63.4		ug/L		65	56 - 130	20	50
bis(chloroisopropyl) ether	0.77	U	97.5	65.6		ug/L		67	55 - 130	18	50
Bis(2-ethylhexyl) phthalate	1.6	U	97.5	98.1		ug/L		101	62 - 130	0	50
4-Bromophenyl phenyl ether	0.76	U	97.5	85.4		ug/L		88	61 - 130	7	50
Butyl benzyl phthalate	1.2	U	97.5	98.5		ug/L		101	66 - 130	1	50
4-Chloroaniline	2.2	U J	97.5	43.0		ug/L		44	42 - 130	12	50
4-Chloro-3-methylphenol	0.99	U	97.5	74.1		ug/L		76	60 - 130	13	50
2-Chloronaphthalene	0.79	U	97.5	61.3		ug/L		63	53 - 130	8	50
2-Chlorophenol	0.86	U	97.5	58.1		ug/L		60	57 - 130	23	50
4-Chlorophenyl phenyl ether	0.83	U	97.5	75.2		ug/L		77	57 - 130	9	50
Chrysene	0.51	U	97.5	91.2		ug/L		94	59 - 130	4	50
Dibenz(a,h)anthracene	0.99	U	97.5	83.7		ug/L		86	55 - 130	5	50
Dibenzofuran	0.78	U	97.5	69.0		ug/L		71	58 - 130	11	50
3,3'-Dichlorobenzidine	30	U J	97.5	29	U J	ug/L		0	27 - 130	NC	50
2,4-Dichlorophenol	1.1	U	97.5	68.0		ug/L		70	54 - 130	15	50
Diethyl phthalate	0.87	U	97.5	86.3		ug/L		89	70 - 130	6	50
2,4-Dimethylphenol	4.0	U	97.5	69.2		ug/L		71	40 - 130	14	50
Dimethyl phthalate	0.98	U	97.5	80.8		ug/L		83	69 - 130	11	50
Di-n-butyl phthalate	0.82	U	97.5	98.1		ug/L		101	66 - 130	1	50
4,6-Dinitro-2-methylphenol	9.9	U	97.5	87.7		ug/L		90	45 - 134	1	50
2,4-Dinitrophenol	9.9	U	97.5	87.8		ug/L		90	20 - 165	2	50
2,4-Dinitrotoluene	1.2	U	97.5	79.3		ug/L		81	63 - 130	2	50
2,6-Dinitrotoluene	1.1	U	97.5	70.3		ug/L		72	65 - 130	11	50
Di-n-octyl phthalate	1.4	U	97.5	101		ug/L		104	64 - 130	3	50
1,4-Dioxane	6.2	J M	97.5	44.8		ug/L		40	35 - 130	15	50
Fluoranthene	0.73	U	97.5	91.2		ug/L		93	56 - 130	0	50
Fluorene	0.95	U	97.5	74.5		ug/L		76	61 - 130	8	50
Hexachlorobenzene	0.78	U	97.5	79.1		ug/L		81	52 - 130	5	50
Hexachlorobutadiene	0.61	U	97.5	57.4		ug/L		59	36 - 130	5	50
Hexachlorocyclopentadiene	2.5	U	97.5	32.8		ug/L		34	10 - 130	8	50
Hexachloroethane	0.75	U	97.5	46.7		ug/L		48	39 - 130	14	50
Indeno[1,2,3-cd]pyrene	0.99	U	97.5	93.9		ug/L		96	47 - 130	7	50
Isophorone	0.89	U	97.5	63.6		ug/L		65	59 - 130	13	50
2-Methylnaphthalene	0.77	U	97.5	62.8		ug/L		64	52 - 130	9	50
2-Methylphenol	0.88	U	97.5	60.4		ug/L		62	55 - 130	24	50
3 & 4 Methylphenol	1.3	U	97.5	63.3		ug/L		65	35 - 130	26	50
Naphthalene	0.69	U	97.5	62.8		ug/L		64	50 - 130	8	50
2-Nitroaniline	1.3	U	97.5	67.2		ug/L		69	60 - 130	8	50
3-Nitroaniline	5.0	U J	97.5	48.1	J	ug/L		49	54 - 130	4	50
4-Nitroaniline	5.0	U	97.5	67.2		ug/L		69	54 - 130	17	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 680-69845-5 MSD — **Client Sample ID: SLMW-9-6-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208844 — **Prep Batch: 207477**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Nitrobenzene	0.72	U	97.5	60.8		ug/L		62	56 - 130	11	50
2-Nitrophenol	0.75	U	97.5	61.5		ug/L		63	54 - 130	13	50
4-Nitrophenol	1.9	U	97.5	81.0		ug/L		83	38 - 130	3	50
N-Nitrosodimethylamine	2.8	U	97.5	60.7		ug/L		62	54 - 130	23	50
N-Nitrosodi-n-propylamine	0.71	U	97.5	69.3		ug/L		71	64 - 130	19	50
N-Nitrosodiphenylamine	0.91	U	97.5	81.9		ug/L		84	68 - 130	9	50
Pentachlorophenol	2.0	U	97.5	98.3		ug/L		101	42 - 138	2	50
Phenanthrene	0.76	U	97.5	85.2		ug/L		87	62 - 130	5	50
Phenol	0.82	U	97.5	53.0		ug/L		54	29 - 130	22	50
Pyrene	0.62	U	97.5	87.5		ug/L		90	60 - 130	0	50
2,4,5-Trichlorophenol	1.2	U	97.5	69.2		ug/L		71	61 - 130	11	50
2,4,6-Trichlorophenol	0.84	U	97.5	67.7		ug/L		69	57 - 130	12	50

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*64*		*38 - 130*
2-Fluorophenol	*50*		*25 - 130*
Nitrobenzene-d5	*63*		*39 - 130*
Phenol-d5	*54*		*25 - 130*
Terphenyl-d14	*84*		*10 - 143*
2,4,6-Tribromophenol	*85*		*31 - 141*

Lab Sample ID: 680-69845-7 MS — **Client Sample ID: SLSW-1-6-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208844 — **Prep Batch: 207477**

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*65*		*38 - 130*
2-Fluorophenol	*55*		*25 - 130*
Nitrobenzene-d5	*64*		*39 - 130*
Phenol-d5	*57*		*25 - 130*
Terphenyl-d14	*62*		*10 - 143*
2,4,6-Tribromophenol	*89*		*31 - 141*

Lab Sample ID: 680-69845-7 MSD — **Client Sample ID: SLSW-1-6-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208844 — **Prep Batch: 207477**

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*77*		*38 - 130*
2-Fluorophenol	*71*		*25 - 130*
Nitrobenzene-d5	*73*		*39 - 130*
Phenol-d5	*71*		*25 - 130*
Terphenyl-d14	*60*		*10 - 143*
2,4,6-Tribromophenol	*104*		*31 - 141*

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography

Lab Sample ID: MB 680-207485/15-A
Matrix: Water
Analysis Batch: 208091

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 207485

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0065	U	0.10	0.0065	ug/L		06/29/11 14:40	07/05/11 21:01	1
4,4'-DDE	0.0077	U	0.10	0.0077	ug/L		06/29/11 14:40	07/05/11 21:01	1
4,4'-DDT	0.0097	U	0.10	0.0097	ug/L		06/29/11 14:40	07/05/11 21:01	1
Aldrin	0.0070	U	0.050	0.0070	ug/L		06/29/11 14:40	07/05/11 21:01	1
alpha-BHC	0.0057	U	0.050	0.0057	ug/L		06/29/11 14:40	07/05/11 21:01	1
beta-BHC	0.0067	U	0.050	0.0067	ug/L		06/29/11 14:40	07/05/11 21:01	1
Chlordane (technical)	0.10	U	0.50	0.10	ug/L		06/29/11 14:40	07/05/11 21:01	1
Chlorobenzilate	0.50	U	0.50	0.50	ug/L		06/29/11 14:40	07/05/11 21:01	1
delta-BHC	0.0048	U	0.050	0.0048	ug/L		06/29/11 14:40	07/05/11 21:01	1
Dieldrin	0.0091	U	0.10	0.0091	ug/L		06/29/11 14:40	07/05/11 21:01	1
Endosulfan I	0.0042	U	0.050	0.0042	ug/L		06/29/11 14:40	07/05/11 21:01	1
Endosulfan II	0.0098	U	0.10	0.0098	ug/L		06/29/11 14:40	07/05/11 21:01	1
Endosulfan sulfate	0.0068	U	0.10	0.0068	ug/L		06/29/11 14:40	07/05/11 21:01	1
Endrin	0.0097	U	0.10	0.0097	ug/L		06/29/11 14:40	07/05/11 21:01	1
Endrin aldehyde	0.016	U	0.10	0.016	ug/L		06/29/11 14:40	07/05/11 21:01	1
gamma-BHC (Lindane)	0.0059	U	0.050	0.0059	ug/L		06/29/11 14:40	07/05/11 21:01	1
Heptachlor	0.0070	U	0.050	0.0070	ug/L		06/29/11 14:40	07/05/11 21:01	1
Heptachlor epoxide	0.0060	U	0.050	0.0060	ug/L		06/29/11 14:40	07/05/11 21:01	1
Isodrin	0.050	U	0.050	0.050	ug/L		06/29/11 14:40	07/05/11 21:01	1
Methoxychlor	0.013	U	0.10	0.013	ug/L		06/29/11 14:40	07/05/11 21:01	1
PCB-1016	0.071	U	1.0	0.071	ug/L		06/29/11 14:40	07/05/11 21:01	1
PCB-1221	0.28	U	2.0	0.28	ug/L		06/29/11 14:40	07/05/11 21:01	1
PCB-1232	0.11	U	1.0	0.11	ug/L		06/29/11 14:40	07/05/11 21:01	1
PCB-1242	0.18	U	1.0	0.18	ug/L		06/29/11 14:40	07/05/11 21:01	1
PCB-1248	0.36	U	1.0	0.36	ug/L		06/29/11 14:40	07/05/11 21:01	1
PCB-1254	0.26	U	1.0	0.26	ug/L		06/29/11 14:40	07/05/11 21:01	1
PCB-1260	0.20	U	1.0	0.20	ug/L		06/29/11 14:40	07/05/11 21:01	1
PCB-1262	0.24	U	1.0	0.24	ug/L		06/29/11 14:40	07/05/11 21:01	1
Toxaphene	0.50	U	5.0	0.50	ug/L		06/29/11 14:40	07/05/11 21:01	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*47*		*40 - 130*	*06/29/11 14:40*	*07/05/11 21:01*	*1*
Tetrachloro-m-xylene	*56*		*36 - 130*	*06/29/11 14:40*	*07/05/11 21:01*	*1*

Lab Sample ID: LCS 680-207485/16-A
Matrix: Water
Analysis Batch: 208091

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 207485

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
4,4'-DDD	0.200	0.156	M	ug/L		78	49 - 144
4,4'-DDE	0.200	0.160		ug/L		80	46 - 144
4,4'-DDT	0.200	0.159		ug/L		80	48 - 166
Aldrin	0.100	0.0747		ug/L		75	14 - 168
alpha-BHC	0.100	0.0742		ug/L		74	43 - 138
beta-BHC	0.100	0.0796		ug/L		80	38 - 158
delta-BHC	0.100	0.0883		ug/L		88	23 - 191
Dieldrin	0.200	0.162		ug/L		81	61 - 136
Endosulfan I	0.100	0.0808		ug/L		81	52 - 141

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: LCS 680-207485/16-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208091 — **Prep Batch: 207485**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Endosulfan II	0.200	0.166		ug/L		83	60 - 140
Endosulfan sulfate	0.200	0.166		ug/L		83	60 - 151
Endrin	0.200	0.159		ug/L		80	66 - 150
Endrin aldehyde	0.200	0.246		ug/L		123	16 - 200
gamma-BHC (Lindane)	0.100	0.0791		ug/L		79	54 - 134
Heptachlor	0.100	0.0856		ug/L		86	10 - 200
Heptachlor epoxide	0.100	0.0804		ug/L		80	49 - 142
Methoxychlor	0.200	0.180		ug/L		90	13 - 186

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*45*	*M*	*40 - 130*
Tetrachloro-m-xylene	*59*		*36 - 130*

Lab Sample ID: LCS 680-207485/19-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208091 — **Prep Batch: 207485**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1016	10.0	8.23		ug/L		82	38 - 172
PCB-1260	10.0	6.67		ug/L		67	46 - 138

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*44*		*40 - 130*
Tetrachloro-m-xylene	*60*		*36 - 130*

Lab Sample ID: 680-69845-11 MS — **Client Sample ID: SLMW-1R-6-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208093 — **Prep Batch: 207485**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
4,4'-DDD	0.0065		0.200	0.127	J	ug/L		64	49 - 144
4,4'-DDE	0.0076		0.200	0.143	J	ug/L		72	46 - 144
4,4'-DDT	0.0096		0.200	0.144	J	ug/L		72	48 - 166
Aldrin	0.0070		0.100	0.0693	J	ug/L		69	14 - 168
alpha-BHC	0.0057		0.100	0.0810	J	ug/L		81	43 - 138
beta-BHC	0.0067		0.100	0.107		ug/L		107	38 - 158
delta-BHC	0.0048		0.100	0.0802	J	ug/L		80	23 - 191
Dieldrin	0.0090		0.200	0.145	J	ug/L		73	61 - 136
Endosulfan I	0.0042		0.100	0.130	J	ug/L		130	52 - 141
Endosulfan II	0.0097		0.200	0.149	J	ug/L		74	60 - 140
Endosulfan sulfate	0.0068		0.200	0.151	J	ug/L		75	60 - 151
Endrin	0.0096		0.200	0.142	J	ug/L		71	66 - 150
Endrin aldehyde	0.016		0.200	0.151	J	ug/L		76	16 - 200
gamma-BHC (Lindane)	0.0059		0.100	0.0968	J	ug/L		97	54 - 134
Heptachlor	0.0070		0.100	0.0733	J	ug/L		73	10 - 200
Heptachlor epoxide	0.0060		0.100	0.0733	J	ug/L		73	49 - 142
Methoxychlor	0.013		0.200	0.176	J	ug/L		88	13 - 186

Method: 8081B/8082A - Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography (Continued)

Lab Sample ID: 680-69845-11 MS
Matrix: Water
Analysis Batch: 208093

Client Sample ID: SLMW-1R-6-11
Prep Type: Total/NA
Prep Batch: 207485

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*43*		*40 - 130*
Tetrachloro-m-xylene	*68*		*36 - 130*

Lab Sample ID: 680-69845-11 MSD
Matrix: Water
Analysis Batch: 208093

Client Sample ID: SLMW-1R-6-11
Prep Type: Total/NA
Prep Batch: 207485

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
4,4'-DDD	0.0065		0.194	0.136	J	ug/L		70	49 - 144	7	50
4,4'-DDE	0.0076		0.194	0.147	J	ug/L		76	46 - 144	2	50
4,4'-DDT	0.0096		0.194	0.130	J	ug/L		67	48 - 166	10	50
Aldrin	0.0070		0.0969	0.0669	J	ug/L		69	14 - 168	4	50
alpha-BHC	0.0057		0.0969	0.0833	J	ug/L		86	43 - 138	3	50
beta-BHC	0.0067		0.0969	0.109	J	ug/L		113	38 - 158	2	50
delta-BHC	0.0048		0.0969	0.0992	J	ug/L		102	23 - 191	21	50
Dieldrin	0.0090		0.194	0.144	J	ug/L		75	61 - 136	1	50
Endosulfan I	0.0042		0.0969	0.122	J	ug/L		126	52 - 141	6	50
Endosulfan II	0.0097		0.194	0.147	J	ug/L		76	60 - 140	1	50
Endosulfan sulfate	0.0068		0.194	0.153	J	ug/L		79	60 - 151	1	50
Endrin	0.0096		0.194	0.150	J	ug/L		77	66 - 150	5	50
Endrin aldehyde	0.016		0.194	0.133		ug/L		69	16 - 200	13	50
gamma-BHC (Lindane)	0.0059		0.0969	0.0959	J	ug/L		99	54 - 134	1	50
Heptachlor	0.0070		0.0969	0.0787	J	ug/L		81	10 - 200	7	50
Heptachlor epoxide	0.0060		0.0969	0.0713	J	ug/L		74	49 - 142	3	50
Methoxychlor	0.013		0.194	0.185	J	ug/L		95	13 - 186	5	50

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*52*		*40 - 130*
Tetrachloro-m-xylene	*68*		*36 - 130*

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Lab Sample ID: MB 680-207485/15-A
Matrix: Water
Analysis Batch: 207916

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 207485

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethoate	1.0	U	2.0	1.0	ug/L		06/29/11 14:40	07/02/11 23:37	1
Disulfoton	1.0	U	2.0	1.0	ug/L		06/29/11 14:40	07/02/11 23:37	1
Ethyl Parathion	0.50	U	1.0	0.50	ug/L		06/29/11 14:40	07/02/11 23:37	1
Famphur	1.0	U	2.0	1.0	ug/L		06/29/11 14:40	07/02/11 23:37	1
Methyl parathion	0.50	U	0.50	0.50	ug/L		06/29/11 14:40	07/02/11 23:37	1
Phorate	0.50	U	1.0	0.50	ug/L		06/29/11 14:40	07/02/11 23:37	1
Sulfotepp	0.50	U	0.50	0.50	ug/L		06/29/11 14:40	07/02/11 23:37	1
Thionazin	0.50	U	1.0	0.50	ug/L		06/29/11 14:40	07/02/11 23:37	1

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique (Continued)

Lab Sample ID: MB 680-207485/15-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207916 — **Prep Batch: 207485**

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Triphenylphosphate	90		67 - 130	06/29/11 14:40	07/02/11 23:37	1

Lab Sample ID: LCS 680-207485/22-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207916 — **Prep Batch: 207485**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl parathion	8.00	7.24		ug/L		90	58 - 131

Surrogate	LCS % Recovery	LCS Qualifier	Limits
Triphenylphosphate	89		67 - 130

Lab Sample ID: LCS 680-207485/25-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207916 — **Prep Batch: 207485**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Ethyl Parathion	8.00	7.85		ug/L		98	70 - 130
Thionazin	8.00	7.00		ug/L		88	69 - 130

Surrogate	LCS % Recovery	LCS Qualifier	Limits
Triphenylphosphate	91		67 - 130

Lab Sample ID: 680-69845-1 MS — **Client Sample ID: SLMW-7-6-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207916 — **Prep Batch: 207485**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl parathion	0.50	U	7.86	7.65		ug/L		97	58 - 131

Surrogate	MS % Recovery	MS Qualifier	Limits
Triphenylphosphate	87		67 - 130

Lab Sample ID: 680-69845-1 MSD — **Client Sample ID: SLMW-7-6-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207916 — **Prep Batch: 207485**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Methyl parathion	0.50	U	8.14	6.85		ug/L		84	58 - 131	11	50

Surrogate	MSD % Recovery	MSD Qualifier	Limits
Triphenylphosphate	87		67 - 130

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique (Continued)

Lab Sample ID: 680-69845-3 MS — **Client Sample ID: SLMW-8-6-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207916 — **Prep Batch: 207485**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Ethyl Parathion	0.50	U J	7.95	5.52	J	ug/L		69	70 - 130
Thionazin	0.50	U	7.95	6.49		ug/L		82	69 - 130

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
Triphenylphosphate	*81*		*67 - 130*

Lab Sample ID: 680-69845-3 MSD — **Client Sample ID: SLMW-8-6-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207916 — **Prep Batch: 207485**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Ethyl Parathion	0.50	U J	7.94	5.69		ug/L		72	70 - 130	3	50
Thionazin	0.50	U	7.94	6.17		ug/L		78	69 - 130	5	50

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
Triphenylphosphate	*81*		*67 - 130*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 680-207409/12-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207838 — **Prep Batch: 207409**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.037	U	0.50	0.037	ug/L		06/29/11 07:58	07/01/11 00:42	1
2,4-DB	0.15	U	0.50	0.15	ug/L		06/29/11 07:58	07/01/11 00:42	1
2,4,5-T	0.062	U	0.50	0.062	ug/L		06/29/11 07:58	07/01/11 00:42	1
Silvex (2,4,5-TP)	0.062	U	0.50	0.062	ug/L		06/29/11 07:58	07/01/11 00:42	1
Dalapon	0.10	U	10	0.10	ug/L		06/29/11 07:58	07/01/11 00:42	1
Dicamba	0.085	U	0.50	0.085	ug/L		06/29/11 07:58	07/01/11 00:42	1
Dichlorprop	0.15	U	0.50	0.15	ug/L		06/29/11 07:58	07/01/11 00:42	1
Dinoseb	0.16	U	6.0	0.16	ug/L		06/29/11 07:58	07/01/11 00:42	1
MCPA	17	U	120	17	ug/L		06/29/11 07:58	07/01/11 00:42	1
Mecoprop	19	U	120	19	ug/L		06/29/11 07:58	07/01/11 00:42	1
Pentachlorophenol	0.037	U	0.25	0.037	ug/L		06/29/11 07:58	07/01/11 00:42	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*104*	*J*	*52 - 151*	*06/29/11 07:58*	*07/01/11 00:42*	*1*

Lab Sample ID: LCS 680-207409/13-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207838 — **Prep Batch: 207409**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
2,4-D	2.00	1.98		ug/L		99	63 - 130
2,4-DB	2.00	1.41	J	ug/L		71	34 - 157
2,4,5-T	2.00	1.61		ug/L		81	59 - 130

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCS 680-207409/13-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207838 — **Prep Batch: 207409**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Silvex (2,4,5-TP)	2.00	1.68		ug/L		84	64 - 130
Dalapon	10.0	7.52	J	ug/L		75	24 - 130
Dicamba	2.00	1.68		ug/L		84	66 - 130
Dichlorprop	2.00	1.92		ug/L		96	65 - 152
Dinoseb	2.00	1.05	J	ug/L		52	10 - 130
MCPA	200	155		ug/L		77	40 - 130
Mecoprop	200	140	M	ug/L		70	53 - 130
Pentachlorophenol	1.34	1.12		ug/L		84	70 - 130

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
DCAA	*87*	*J*	*52 - 151*

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 680-207342/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208424 — **Prep Batch: 207342**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.40	U	1.0	0.40	ug/L		06/28/11 14:32	07/08/11 15:44	1
Barium	0.15	U	1.0	0.15	ug/L		06/28/11 14:32	07/08/11 15:44	1
Beryllium	0.070	U	0.20	0.070	ug/L		06/28/11 14:32	07/08/11 15:44	1
Cadmium	0.20	U	0.50	0.20	ug/L		06/28/11 14:32	07/08/11 15:44	1
Chromium	0.16	U	1.0	0.16	ug/L		06/28/11 14:32	07/08/11 15:44	1
Cobalt	0.078	U	0.20	0.078	ug/L		06/28/11 14:32	07/08/11 15:44	1
Copper	0.21	U	1.0	0.21	ug/L		06/28/11 14:32	07/08/11 15:44	1
Lead	0.080	U	0.30	0.080	ug/L		06/28/11 14:32	07/08/11 15:44	1
Nickel	0.40	U	1.0	0.40	ug/L		06/28/11 14:32	07/08/11 15:44	1
Selenium	0.21	U	0.50	0.21	ug/L		06/28/11 14:32	07/08/11 15:44	1
Silver	0.10	U	0.20	0.10	ug/L		06/28/11 14:32	07/08/11 15:44	1
Thallium	0.10	U	0.20	0.10	ug/L		06/28/11 14:32	07/08/11 15:44	1
Vanadium	1.4	U	5.0	1.4	ug/L		06/28/11 14:32	07/08/11 15:44	1
Zinc	2.6	U	10	2.6	ug/L		06/28/11 14:32	07/08/11 15:44	1

Lab Sample ID: LCS 680-207342/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208424 — **Prep Batch: 207342**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Arsenic	20.0	18.5		ug/L		92	75 - 125
Barium	20.0	20.5		ug/L		103	75 - 125
Beryllium	10.0	11.6		ug/L		116	75 - 125
Cadmium	10.0	10.9		ug/L		109	75 - 125
Chromium	20.0	20.2		ug/L		101	75 - 125
Cobalt	10.0	10.5		ug/L		105	75 - 125
Copper	20.0	21.3		ug/L		107	75 - 125
Lead	10.0	10.7		ug/L		107	75 - 125
Nickel	20.0	20.8		ug/L		104	75 - 125
Selenium	20.0	22.0		ug/L		110	75 - 125

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-207342/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208424 — **Prep Batch: 207342**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Silver	10.0	11.1		ug/L		111	75 - 125
Thallium	8.00	8.63		ug/L		108	75 - 125
Vanadium	20.0	20.0		ug/L		100	75 - 125
Zinc	20.0	22.1		ug/L		111	75 - 125

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 680-207568/8 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207568

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.075	U	0.25	0.075	mg/L			06/28/11 19:54	5

Lab Sample ID: LCS 680-207568/9 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207568

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Nitrate as N	4.99	4.98		mg/L		100	90 - 110

Lab Sample ID: LCSD 680-207568/10 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207568

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Nitrate as N	4.99	4.99		mg/L		100	90 - 110	0	30

Lab Sample ID: 680-69845-7 MS — **Client Sample ID: SLSW-1-6-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207568

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Nitrate as N	0.075	U	4.99	5.01		mg/L		100	90 - 110

Lab Sample ID: 680-69845-6 DU — **Client Sample ID: SLMW-9-6-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207568

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Nitrate as N	0.15	U	0.075	U	mg/L		NC	30

Lab Sample ID: 680-69845-8 DU — **Client Sample ID: SLSW-2-6-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207568

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Nitrate as N	0.39		0.392		mg/L		2	30

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 680-207564/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207619 — **Prep Batch: 207564**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.0050	U	0.010	0.0050	mg/L		06/30/11 06:00	06/30/11 11:35	1

Lab Sample ID: LCS 680-207564/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207619 — **Prep Batch: 207564**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	0.0301	0.0301		mg/L		100	85 - 115

Lab Sample ID: 680-69845-I-1-B MS — **Client Sample ID: 680-69845-I-1-B MS**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207619 — **Prep Batch: 207564**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	0.0051		0.0301	0.0332		mg/L		93	85 - 115

Lab Sample ID: 680-69845-I-1-C MSD — **Client Sample ID: 680-69845-I-1-C MSD**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207619 — **Prep Batch: 207564**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Cyanide, Total	0.0051		0.0301	0.0341		mg/L		96	85 - 115	3	20

Method: 9034 - Sulfide, Acid Soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 680-207513/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207517 — **Prep Batch: 207513**

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	10	U	10	10	mg/L		06/29/11 10:30	06/29/11 14:33	1

Lab Sample ID: LCS 680-207513/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207517 — **Prep Batch: 207513**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Sulfide	456	329		mg/L		72	50 - 150

Lab Sample ID: 680-69845-1 MS — **Client Sample ID: SLMW-7-6-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207517 — **Prep Batch: 207513**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Sulfide	10	U	472	329		mg/L		70	50 - 150

Method: 9034 - Sulfide, Acid Soluble and Insoluble (Titrimetric) (Continued)

Lab Sample ID: 680-69845-1 MSD — **Client Sample ID: SLMW-7-6-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207517 — **Prep Batch: 207513**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Sulfide	10	U	472	320		mg/L		68	50 - 150	3	50

Lab Sample ID: 680-69845-8 DU — **Client Sample ID: SLSW-2-6-11**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 207517 — **Prep Batch: 207513**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Sulfide	10	U		10	U	mg/L				NC	50

Lab Chronicle

Client: U.S. Army Corps of Engineers
Project/Site: Ft. Bragg Longstreet Landfill

TestAmerica Job ID: 680-69845-1

Client Sample ID: SLMW-7-6-11

Lab Sample ID: 680-69845-1

Date Collected: 06/25/11 10:25
Matrix: Water
Date Received: 06/28/11 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	207678	06/29/11 18:26	RB	TAL SAV
Total/NA	Prep	3520C			207477	06/29/11 14:40	RBS	TAL SAV
Total/NA	Analysis	8270D		1	208844	07/13/11 22:32	LH	TAL SAV
Total/NA	Prep	8151A			207409	06/29/11 07:58	CTR	TAL SAV
Total/NA	Analysis	8151A		1	207838	07/01/11 01:45	GM	TAL SAV
Total/NA	Prep	3520C			207485	06/29/11 14:40	RBS	TAL SAV
Total/NA	Analysis	8141B		1	207916	07/03/11 01:16	JK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	208091	07/05/11 22:56	CAS	TAL SAV
Total/NA	Prep	9030B			207513	06/29/11 10:30	MSJ	TAL SAV
Total/NA	Analysis	9034		1	207517	06/29/11 14:33	MSJ	TAL SAV
Total/NA	Prep	9012B			207564	06/30/11 06:00	DAM	TAL SAV
Total/NA	Analysis	9012B		1	207619	06/30/11 11:44	DAM	TAL SAV

Client Sample ID: SLMW-7-6-11

Lab Sample ID: 680-69845-2

Date Collected: 06/27/11 08:48
Matrix: Water
Date Received: 06/28/11 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3030C			207342	06/28/11 14:32	RA	TAL SAV
Total/NA	Analysis	6020A		1	208424	07/08/11 16:40	BB	TAL SAV
Total/NA	Analysis	6020A		1	208517	07/10/11 00:31	BR	TAL SAV
Total/NA	Analysis	300.0		10	207568	06/28/11 21:49	CB	TAL SAV

Client Sample ID: SLMW-8-6-11

Lab Sample ID: 680-69845-3

Date Collected: 06/25/11 14:25
Matrix: Water
Date Received: 06/28/11 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	207678	06/29/11 18:55	RB	TAL SAV
Total/NA	Prep	3520C			207477	06/29/11 14:40	RBS	TAL SAV
Total/NA	Analysis	8270D		1	208844	07/13/11 23:02	LH	TAL SAV
Total/NA	Prep	8151A			207409	06/29/11 07:58	CTR	TAL SAV
Total/NA	Analysis	8151A		1	207838	07/01/11 02:01	GM	TAL SAV
Total/NA	Prep	3520C			207485	06/29/11 14:40	RBS	TAL SAV
Total/NA	Analysis	8141B		1	207916	07/03/11 01:41	JK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	208091	07/05/11 23:19	CAS	TAL SAV
Total/NA	Prep	9030B			207513	06/29/11 10:30	MSJ	TAL SAV
Total/NA	Analysis	9034		1	207517	06/29/11 14:33	MSJ	TAL SAV
Total/NA	Prep	9012B			207564	06/30/11 06:00	DAM	TAL SAV
Total/NA	Analysis	9012B		1	207619	06/30/11 11:49	DAM	TAL SAV

Client Sample ID: SLMW-8-6-11 — Lab Sample ID: 680-69845-4

Date Collected: 06/27/11 09:58 — **Matrix: Water**
Date Received: 06/28/11 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3030C			207342	06/28/11 14:32	RA	TAL SAV
Total/NA	Analysis	6020A		1	208424	07/08/11 16:44	BB	TAL SAV
Total/NA	Analysis	6020A		1	208517	07/10/11 00:46	BR	TAL SAV
Total/NA	Analysis	300.0		10	207568	06/28/11 22:03	CB	TAL SAV

Client Sample ID: SLMW-9-6-11 — Lab Sample ID: 680-69845-5

Date Collected: 06/25/11 14:54 — **Matrix: Water**
Date Received: 06/28/11 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	207677	06/29/11 17:14	RB	TAL SAV
Total/NA	Prep	3520C			207477	06/29/11 14:40	RBS	TAL SAV
Total/NA	Analysis	8270D		1	208844	07/13/11 23:32	LH	TAL SAV
Total/NA	Prep	8151A			207409	06/29/11 07:58	CTR	TAL SAV
Total/NA	Analysis	8151A		1	207838	07/01/11 02:17	GM	TAL SAV
Total/NA	Prep	3520C			207485	06/29/11 14:40	RBS	TAL SAV
Total/NA	Analysis	8141B		1	207916	07/03/11 02:06	JK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	208091	07/05/11 23:42	CAS	TAL SAV
Total/NA	Prep	9030B			207513	06/29/11 10:30	MSJ	TAL SAV
Total/NA	Analysis	9034		1	207517	06/29/11 14:33	MSJ	TAL SAV
Total/NA	Prep	9012B			207564	06/30/11 06:00	DAM	TAL SAV
Total/NA	Analysis	9012B		1	207619	06/30/11 11:50	DAM	TAL SAV

Client Sample ID: SLMW-9-6-11 — Lab Sample ID: 680-69845-6

Date Collected: 06/27/11 09:23 — **Matrix: Water**
Date Received: 06/28/11 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3030C			207342	06/28/11 14:32	RA	TAL SAV
Total/NA	Analysis	6020A		1	208424	07/08/11 16:48	BB	TAL SAV
Total/NA	Analysis	6020A		1	208517	07/10/11 00:50	BR	TAL SAV
Total/NA	Analysis	300.0		10	207568	06/28/11 22:18	CB	TAL SAV

Client Sample ID: SLSW-1-6-11 — Lab Sample ID: 680-69845-7

Date Collected: 06/27/11 09:50 — **Matrix: Water**
Date Received: 06/28/11 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	207677	06/29/11 17:43	RB	TAL SAV
Total/NA	Prep	3520C			207477	06/29/11 14:40	RBS	TAL SAV
Total/NA	Analysis	8270D		1	208844	07/14/11 00:01	LH	TAL SAV
Total/NA	Prep	8151A			207409	06/29/11 07:58	CTR	TAL SAV
Total/NA	Analysis	8151A		1	207838	07/01/11 02:33	GM	TAL SAV
Total/NA	Prep	3520C			207485	06/29/11 14:40	RBS	TAL SAV

Client Sample ID: SLSW-1-6-11

Lab Sample ID: 680-69845-7

Date Collected: 06/27/11 09:50

Matrix: Water

Date Received: 06/28/11 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8141B		1	207916	07/03/11 02:30	JK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	208091	07/06/11 00:05	CAS	TAL SAV
Total/NA	Prep	3030C			207342	06/28/11 14:32	RA	TAL SAV
Total/NA	Analysis	6020A		1	208424	07/08/11 16:51	BB	TAL SAV
Total/NA	Analysis	6020A		1	208517	07/10/11 00:55	BR	TAL SAV
Total/NA	Prep	9030B			207513	06/29/11 10:30	MSJ	TAL SAV
Total/NA	Analysis	9034		1	207517	06/29/11 14:33	MSJ	TAL SAV
Total/NA	Analysis	300.0		5	207568	06/28/11 22:47	CB	TAL SAV
Total/NA	Prep	9012B			207564	06/30/11 06:00	DAM	TAL SAV
Total/NA	Analysis	9012B		1	207619	06/30/11 11:51	DAM	TAL SAV

Client Sample ID: SLSW-2-6-11

Lab Sample ID: 680-69845-8

Date Collected: 06/27/11 10:30

Matrix: Water

Date Received: 06/28/11 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	207677	06/29/11 18:12	RB	TAL SAV
Total/NA	Prep	3520C			207477	06/29/11 14:40	RBS	TAL SAV
Total/NA	Analysis	8270D		1	208875	07/14/11 10:30	LH	TAL SAV
Total/NA	Prep	8151A			207409	06/29/11 07:58	CTR	TAL SAV
Total/NA	Analysis	8151A		1	207838	07/01/11 02:49	GM	TAL SAV
Total/NA	Prep	3520C			207485	06/29/11 14:40	RBS	TAL SAV
Total/NA	Analysis	8141B		1	207916	07/03/11 02:55	JK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	208093	07/06/11 03:56	CAS	TAL SAV
Total/NA	Prep	3030C			207342	06/28/11 14:35	RA	TAL SAV
Total/NA	Analysis	6020A		1	208424	07/08/11 16:55	BB	TAL SAV
Total/NA	Analysis	6020A		1	208517	07/10/11 01:00	BR	TAL SAV
Total/NA	Prep	9030B			207513	06/29/11 10:30	MSJ	TAL SAV
Total/NA	Analysis	9034		1	207517	06/29/11 14:33	MSJ	TAL SAV
Total/NA	Analysis	300.0		5	207568	06/28/11 23:44	CB	TAL SAV
Total/NA	Prep	9012B			207564	06/30/11 06:00	DAM	TAL SAV
Total/NA	Analysis	9012B		1	207619	06/30/11 11:52	DAM	TAL SAV

Client Sample ID: SLMW-BLANK-6-11

Lab Sample ID: 680-69845-9

Date Collected: 06/27/11 11:10

Matrix: Water

Date Received: 06/28/11 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	207678	06/29/11 16:31	RB	TAL SAV
Total/NA	Prep	3520C			207477	06/29/11 14:40	RBS	TAL SAV
Total/NA	Analysis	8270D		1	208875	07/14/11 10:59	LH	TAL SAV
Total/NA	Prep	8151A			207409	06/29/11 07:58	CTR	TAL SAV
Total/NA	Analysis	8151A		1	207838	07/01/11 03:05	GM	TAL SAV
Total/NA	Prep	3520C			207485	06/29/11 14:40	RBS	TAL SAV

Client Sample ID: SLMW-BLANK-6-11

Lab Sample ID: 680-69845-9

Date Collected: 06/27/11 11:10

Matrix: Water

Date Received: 06/28/11 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8141B		1	207916	07/03/11 03:20	JK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	208093	07/06/11 04:19	CAS	TAL SAV
Total/NA	Prep	3030C			207342	06/28/11 14:35	RA	TAL SAV
Total/NA	Analysis	6020A		1	208424	07/08/11 16:59	BB	TAL SAV
Total/NA	Analysis	6020A		1	208517	07/10/11 01:05	BR	TAL SAV
Total/NA	Prep	9030B			207513	06/29/11 10:30	MSJ	TAL SAV
Total/NA	Analysis	9034		1	207517	06/29/11 14:33	MSJ	TAL SAV
Total/NA	Analysis	300.0		5	207568	06/29/11 00:13	CB	TAL SAV
Total/NA	Prep	9012B			207564	06/30/11 06:00	DAM	TAL SAV
Total/NA	Analysis	9012B		1	207619	06/30/11 11:53	DAM	TAL SAV

Client Sample ID: TRIP BLANK

Lab Sample ID: 680-69845-10

Date Collected: 06/27/11 00:00

Matrix: Water

Date Received: 06/28/11 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	207677	06/29/11 16:45	RB	TAL SAV

Client Sample ID: SLMW-1R-6-11

Lab Sample ID: 680-69845-11

Date Collected: 06/25/11 07:45

Matrix: Water

Date Received: 06/28/11 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			207477	06/29/11 14:40	RBS	TAL SAV
Total/NA	Analysis	8270D		1	208875	07/14/11 11:29	LH	TAL SAV
Total/NA	Prep	8151A			207409	06/29/11 07:58	CTR	TAL SAV
Total/NA	Analysis	8151A		1	207838	07/01/11 03:21	GM	TAL SAV
Total/NA	Prep	3520C			207485	06/29/11 14:40	RBS	TAL SAV
Total/NA	Analysis	8141B		1	207916	07/03/11 03:45	JK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	208093	07/06/11 04:42	CAS	TAL SAV

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Serial Number 043550

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

◯ Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE: Ft Bragg Longstreet LF	PROJECT NO.	PROJECT LOCATION (STATE): NC
TAL (LAB) PROJECT MANAGER: Kathy Smith	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM: Kevin Haborak	CLIENT PHONE: 912-652-6083	CLIENT FAX: 912-652-5371
CLIENT NAME: USACE	CLIENT E-MAIL: Kevin.Haborak@USACE.army.mil	
CLIENT ADDRESS: 100 W Oglethorpe Ave Savannah Ga 31402		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 1 OF

STANDARD REPORT DELIVERY ◯

DATE DUE _____

EXPEDITED REPORT DELIVERY (SURCHARGE) ◯

DATE DUE _____

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

REQUIRED ANALYSIS / NUMBER OF CONTAINERS SUBMITTED

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	8015B/8260B/8270C, 8151A	9034	9012B	6020 App II	8260B						REMARKS
PRESERVATIVE								ICE	ZnAcT NaOH	NaOH	HNO3	None						
6-25-11	1025	SLMW-7-6-11	G	X				6	2	1	1	3						6020 App II & 300 taken 6-27-11 @ 0848
6-25-11	1425	SLMW-8-6-11	G	X				5	2	1	1	3						6020 App II & 300 taken 6-27-11 @ 0958
6-25-11	1454	SLMW-9-6-11	G	X				9	2	1	1	3						6020 App II & 300 taken 6-27-11 @ 0923
6-27-11	0950	SLSW-1-6-11	G	X				9	2	1	1	3						
6-27-11	1030	SLSW-2-6-11	G	X				9	1	1	1	3						9034 sent 1 liter w/ no preserv b/c did not send enough bottles
6-27-11	1110	SLMW-BLANK-6-11	G	X				9	1	1	1	3						9034 sent 1 liter w/ no preserve b/c did not send enough bottles
—	—	TRIP BLANK																

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	6-27-11	1815	Shipped Fedex					
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]	6/28/11	1000	YES ◯ NO ◯		680-69845	2.6°/2.8°/3.0°/4.1°c/3.1°c/3.0°c/2.4°c

TAL 8240-680 (1008)

Certification Summary

Client: U.S. Army Corps of Engineers
Project/Site: Ft. Bragg Longstreet Landfill

TestAmerica Job ID: 680-69845-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Savannah	A2LA	DoD ELAP		0399-01
TestAmerica Savannah	A2LA	ISO/IEC 17025		399.01
TestAmerica Savannah	Alabama	State Program	4	41450
TestAmerica Savannah	Arkansas	Arkansas DOH	6	N/A
TestAmerica Savannah	Arkansas	State Program	6	88-0692
TestAmerica Savannah	California	NELAC	9	3217CA
TestAmerica Savannah	Colorado	State Program	8	N/A
TestAmerica Savannah	Connecticut	State Program	1	PH-0161
TestAmerica Savannah	Delaware	State Program	3	N/A
TestAmerica Savannah	Florida	NELAC	4	E87052
TestAmerica Savannah	Georgia	Georgia EPD	4	N/A
TestAmerica Savannah	Georgia	State Program	4	803
TestAmerica Savannah	Guam	State Program	9	09-005r
TestAmerica Savannah	Hawaii	State Program	9	N/A
TestAmerica Savannah	Illinois	NELAC	5	200022
TestAmerica Savannah	Indiana	State Program	5	N/A
TestAmerica Savannah	Iowa	State Program	7	353
TestAmerica Savannah	Kansas	NELAC	7	E-10322
TestAmerica Savannah	Kentucky	Kentucky UST	4	18
TestAmerica Savannah	Kentucky	State Program	4	90084
TestAmerica Savannah	Louisiana	NELAC	6	30690
TestAmerica Savannah	Louisiana	NELAC	6	LA100015
TestAmerica Savannah	Maine	State Program	1	GA00006
TestAmerica Savannah	Maryland	State Program	3	250
TestAmerica Savannah	Massachusetts	State Program	1	M-GA006
TestAmerica Savannah	Michigan	State Program	5	9925
TestAmerica Savannah	Mississippi	State Program	4	N/A
TestAmerica Savannah	Montana	State Program	8	CERT0081
TestAmerica Savannah	Nebraska	State Program	7	TestAmerica-Savannah
TestAmerica Savannah	Nevada	State Program	9	GA6
TestAmerica Savannah	New Jersey	NELAC	2	GA769
TestAmerica Savannah	New Mexico	State Program	6	N/A
TestAmerica Savannah	New York	NELAC	2	10842
TestAmerica Savannah	North Carolina	North Carolina DENR	4	269
TestAmerica Savannah	North Carolina	North Carolina PHL	4	13701
TestAmerica Savannah	Oklahoma	State Program	6	9984
TestAmerica Savannah	Pennsylvania	NELAC	3	68-00474
TestAmerica Savannah	Puerto Rico	State Program	2	GA00006
TestAmerica Savannah	Rhode Island	State Program	1	LAO00244
TestAmerica Savannah	South Carolina	State Program	4	98001
TestAmerica Savannah	Tennessee	State Program	4	TN02961
TestAmerica Savannah	Texas	NELAC	6	T104704185-08-TX
TestAmerica Savannah	USDA	USDA		SAV 3-04
TestAmerica Savannah	Vermont	State Program	1	87052
TestAmerica Savannah	Virginia	State Program	3	302
TestAmerica Savannah	Washington	State Program	10	C1794
TestAmerica Savannah	West Virginia	West Virginia DEP	3	94
TestAmerica Savannah	West Virginia	West Virginia DHHR (DW)	3	9950C
TestAmerica Savannah	Wisconsin	State Program	5	999819810
TestAmerica Savannah	Wyoming	State Program	8	8TMS-Q

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

APPENDIX D

STATISTICAL REPORTS
(Electronic Only)

Statistical Analysis of Ground-Water Data
Longstreet Road MSW Landfill
Fort Bragg, North Carolina
Rounds N1 through N29

EXECUTIVE SUMMARY

Fort Bragg authorized the U.S. Army Corps of Engineers, Savannah District to perform required sampling of the Longstreet Road Municipal Solid Waste (MSW) Landfill. Sampling activities for the twenty-eighth round of sampling (N=29) were conducted July 2011. All background and compliance wells were sampled. Ground-water data were statistically analyzed to determine if the mean concentration for each analyte deviated significantly from the mean concentration of the analytes detected in the background well. Appendix II analysis was performed on all ground-water samples collected. Any analyte with a detection since the beginning of the study was analyzed with the Kruskal Wallis Tests. Any analyte detection during this event was tested to determine if the detection was a statistically significant increase (SSI) over background levels.

Analysis of the 1,1-dichloroethane data using the Kruskal-Wallis test indicated a possible SSI in monitoring wells MW-8, MW-9, MW-10, and MW-11R. The possible SSIs were not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the 1,1-dichloroethane data are not SSIs.

Analysis of the 1,2-dichloropropane data using the Kruskal-Wallis test indicated a possible SSI in monitoring well MW-10. The possible SSIs were not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the 1,2-dichloropropane data in monitoring well MW-10 are not SSIs.

Analysis of the 1,4-dichlorobenzene data using the Kruskal-Wallis test indicated a possible SSI in monitoring well MW-10. The possible SSIs were not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the 1,4-dichlorobenzene data in monitoring well MW-10 are not SSIs.

Analysis of the 1,4-dioxane data using the Non-Parametric Prediction Limit test indicated a possible SSI in monitoring wells MW-7, MW-9, and MW-10. The possible SSIs were not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the 1,4-dioxane data in monitoring well MW-10 are not SSIs.

Analysis of the 1-naphthylamine data using the Non-Parametric Prediction Limit test indicated a possible SSI in monitoring well MW-6. The possible SSI was not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the 1-naphthylamine data in monitoring well MW-6 are not SSIs.

Analysis of the 3,3'-dichlorobenzidine data using the Non-Parametric Prediction Limit test indicated a possible SSI in monitoring wells MW-6, MW-7, and MW-9. The possible SSIs were not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the 3,3'-dichlorobenzidine data in monitoring are not SSIs.

Analysis of the acetone data using the Kruskal-Wallis test indicated a possible SSI in monitoring well MW-7. The SSI was not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the acetone data in monitoring well MW-7 are not SSIs.

Analysis of the arsenic data using the Kruskal-Wallis test indicated a possible SSI in monitoring wells MW-7 and MW-9. The SSIs were not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the arsenic data in monitoring wells MW-7 and MW-9 are not SSIs.

Analysis of the barium data using the Kruskal-Wallis test indicated a possible SSI at the group level, no single well was indicated to have an SSI. Therefore, the Non-Parametric Prediction Limit was used to test if the data contained SSIs. The Non-Parametric Prediction Limit indicated possible SSIs for wells MW-7, MW-8, and MW-10. The possible SSIs were not confirmed by the Sens's Slope Analysis for MW-7 or the Shewhart-CUSUM Control Chart for all wells. The fluctuations in the barium data in MW-7 are not considered to be SSIs. Since the results of the test on MW-8 and MW-10 are conflicting, more data is needed for analysis.

Analysis of the benzene data using the Kruskal-Wallis test indicated a possible SSI in monitoring wells MW-8, MW-9, MW-10, and MW-11R. The possible SSIs were not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the benzene data in MW-8, MW-9, MW-10, and MW-11R are not considered to be SSIs.

Analysis of the chlorobenzene data using the Kruskal-Wallis test indicated a possible SSI in monitoring well MW-8 and MW-9. The SSI was not confirmed by either the Sens's Slope Analysis for either well or the Shewhart-CUSUM Control Chart for MW-9. The fluctuations in the chlorobenzene data in monitoring well MW-9 are not SSIs. Since the results of the test on MW-8 are conflicting, more data is needed for analysis.

Analysis of the cis-1,2,-dichloroethene data using the Kruskal-Wallis test indicated a possible SSI in wells MW-8, MW-10 and MW-11R. The possible SSIs were not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in cis-1,2,-dichloroethene data in monitoring wells MW-8, MW-10 and MW-11R are not SSIs.

Analysis of the dichlorodifluoromethane data using the Kruskal-Wallis test indicated a possible SSI in monitoring well MW-11R. The SSI was not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the dichlorodifluoromethane data in monitoring well MW-11R are not SSIs.

Analysis of the ethyl chloride data using the Kruskal-Wallis test indicated a possible SSI in monitoring well MW-7. The possible SSI was not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the ethyl chloride data are not SSIs.

Analysis of the methylene chloride data using the Non-parametric Prediction Limit test indicated a possible SSI in monitoring wells MW-6, MW-7, MW-8, and MW-9. The possible SSIs were not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the methylene chloride data are not SSIs.

Analysis of the p-chloroaniline data using the Non-Parametric Prediction Limit test indicated a possible SSI in monitoring wells MW-6, MW-7, and MW-9. The possible SSIs were not confirmed by the Sens's Slope Analysis. The Shewhart-CUSUM Control Chart test could not be run because of limitations in the data. The fluctuations in the p-chloroaniline data are not SSIs.

Analysis of the p-phenylenediamine data using the Non-Parametric Prediction Limit test indicated a possible SSI in monitoring well MW-6. The possible SSI was not confirmed by the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart test. The fluctuations in the p-phenylenediamine data are not SSIs.

Analysis of the tetrachloroethene data using the Kruskal-Wallis test indicated a possible SSI in monitoring wells MW-8, MW-9, and MW-11R. The possible SSIs were not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the tetrachloroethene data in the monitoring wells are not SSIs.

Analysis of the toluene data using the Kruskal-Wallis test indicated a possible SSI at the group level, no single well was indicated to have an SSI. Therefore, the Non-Parametric Prediction Limit was used to test if the data contained SSIs. The Non-Parametric Prediction Limit did not indicate that the data contained possible SSIs for any of the wells.

Analysis of the trans-1,2,-dichloroethene data using the Kruskal-Wallis test indicated a possible SSI in well MW-8. The possible SSI was not confirmed by either the Sen's Slope Analysis or the Shewhart-CUSUM Control Chart. The trans-1,2,-dichloroethene data for MW-8 are not considered to contain SSIs.

Analysis of the trichloroethene data using the Kruskal-Wallis test indicated a possible SSI in monitoring wells MW-8, MW-9, MW-10, and MW-11R. The possible SSIs were not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the trichloroethene data in the monitoring wells are not SSIs.

Analysis of the vanadium data using the Kruskal-Wallis test indicated a possible SSI in monitoring well MW-7. The possible SSI was not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the toluene data in the monitoring well do not contain SSIs.

Analysis of the vinyl chloride data using the Kruskal-Wallis test indicated possible SSIs in monitoring wells MW-8, MW-9, and MW-10. The possible SSIs were not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the vinyl chloride data in the monitoring wells are not SSIs.

The results of the statistical analysis indicate that the compliance well concentrations do not vary significantly from background concentrations for any of the other parameters analyzed. Future analytical results will be evaluated using the same procedures.

REGISTERED PROFESSIONAL GEOLOGIST CERTIFICATION

I certify that I am a qualified ground-water scientist who has received a baccalaureate or post graduate degree in the natural sciences or engineering and have sufficient training and experience in ground-water hydrology and related fields as demonstrated by state registration and completion of accredited university courses that enable me to make sound professional judgments regarding ground-water monitoring and contaminant fate and transport. I further certify that this report was prepared by me or by a subordinate working under my direction.

_____

Kevin G. Haborak, P.G.

DATE: February, 2010

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1.0 BACKGROUND

Fort Bragg authorized the U.S. Army Corps of Engineers, Savannah District to perform the required sampling of the Longstreet Road MSW Landfill. Sampling activities for the twenty-eighth round of sampling (N=29) were conducted July 2011. The landfill is a Municipal Solid Waste Landfill Facility (MSWLF) located north of Longstreet Road at Fort Bragg in Cumberland County, North Carolina.

A comparison of statistical procedures was performed using this data to determine an adequate statistical analysis for future monitoring at the facility as required. Guidance for determining proper statistical methods was obtained from the EPA guidance document titled: Statistical Analysis of Ground Water Monitoring Data at RCRA Facilities - Interim Final Guidance, April 1989 (herein referenced as the Guidance) and it's addendum Statistical Analysis of Ground Water Monitoring Data at RCRA Facilities - Addendum to Interim Final Guidance, July 1992 (herein referenced as the Addendum). The statistical computer software ChemStat (version 5.0) used for this analysis is based on the guidance documents referenced above.

Factors that were considered in selecting a statistical method include departures from normality, unequal variances, temporal and spatial variability, and the percentage of non-detects. Tests for normality that were considered include Probability Plots, Chi-Squared, Shapiro-Wilk Test, and Shapiro-Francia Test. Statistical analysis procedures considered were parametric Two Sample t-Test and non-parametric Wilcoxin Rank-Sum Test, parametric ANOVA Tests and non-parametric Kruskal-Wallis Test, Tolerance and Prediction Intervals' and Control Charts.

2.0 DETERMINATION OF APPROPRIATE DISTRIBUTION MODEL

A statistical test predicts the average behavior (distribution) of a random variable by comparing the means (normal distribution) or medians (lognormal and non-parametric distributions) of the compliance well data to background well data. Before conducting a statistical analysis, a distributional assumption must be tested to determine whether the data conforms to the assumed distribution.

Prior to testing for significance, the distribution of each parameter is determined to be normal, lognormal, or neither. First, the dataset is used to test the assumption that the distribution is normal. If this assumption is rejected, the same data are log transformed and the hypothesis that the distribution is lognormal is tested. If these assumptions are rejected, it is concluded that the data are neither normally nor lognormally distributed. The data is determined to be non-normal if the distribution of each parameter is determined to be neither normal nor lognormal.

The Shapiro-Francia Test was selected as the main test to determine whether the data conform to the assumed distribution. This test has a good likelihood of distinguishing between the target distribution (normal) and other common distributions (for example, uniform or skewed), and is recommended for data sets with 50 or more samples.

3.0 SELECTION OF STATISTICAL METHOD

The ground-water samples were analyzed for Appendix II organics and inorganics. Monitoring well MW-13 serves as the background well. The eight compliance wells (MW-6, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12A and MW-12B) were compared to the background concentrations by means of the applicable statistical procedure. These monitoring wells are listed on Table 1.

Table 1. Ground-Water Monitoring Network

WELL NAME	STATUS
MW-6	**Active - Compliance Monitoring Well**
MW-7	**Active - Compliance Monitoring Well**
MW-8	**Active - Compliance Monitoring Well**
MW-9	**Active - Compliance Monitoring Well**
MW-10	**Active - Compliance Monitoring Well**
MW-11R	**Active - Compliance Monitoring Well**
MW-12AR	**Active - Compliance Monitoring Well**
MW-12BR	**Active - Compliance Monitoring Well**
MW-13	**Active - Compliance Monitoring Well (Background)**

For this report, contamination is described as the difference in average concentrations between the background and compliance sample data. Random variation of the sample results will occur, but this variation does not necessarily represent contamination. The statistical test used for this report will predict the average behavior (distribution) of a random variable by comparing the means (normal) or medians (lognormal and non-parametric) of compliance well data to background data. It tests the hypothesis that all background and compliance wells have the same median concentration of a constituent. If the hypothesis of equal medians is rejected, then additional calculations are required to determine which compliance wells show evidence of contamination.

Different statistical tests are used as appropriate for the different distribution patterns that occur within the data. Prior to testing for statistical significance, the distribution of each parameter was determined to be normal, lognormal, or non-normal. The Shapiro-Francia Test was selected as the primary test to determine whether the data conform to the assumed distribution. This test has a good likelihood of distinguishing between the target distribution (normal) and other common distributions (for example, uniform or skewed) and is valid for samples with 50 or more observations. The process of choosing the appropriate statistical analyses is illustrated on Figure 1.

The ANOVA Test assumes that there are at least three groups of data (including background), with a minimum of four samples per group. It also assumes that the results are normally or lognormally distributed. This test calculates the F-statistic and its corresponding significance probability. If the computed F-statistic is not significant (less than the tabulated F-statistic), it is concluded that there is no significant difference between the average background

concentration and the average concentrations of compliance wells. If the F-statistic is significant, it is concluded that at least one pair of well groups is probably different. In this case, ANOVA proceeds to make individual comparisons between background and compliance well data to isolate which well(s) show evidence of contamination.

If the data were non-normally distributed, or the fraction of non-detects exceeded 15% but were less than 90%, then the Kruskal-Wallis Test was applied. If the fraction of non-detects exceeded 90%, then the Non-Parametric Prediction Limit was applied. For these tests to be sufficiently sensitive, the sample size for any group must be at least four. A Kruskal-Wallis Test can be used in any situation that the parametric analysis of variance can be used. This test computes the H-statistic, adjusts it for ties, and compares it to the appropriate chi-square critical value. If the H-statistic is less than the critical value, the null-hypothesis is accepted, and it is concluded that there are no differences between median background and compliance well concentrations. If the H-statistic is greater than the critical value, it is concluded that at least one pair of well groups is statistically different.

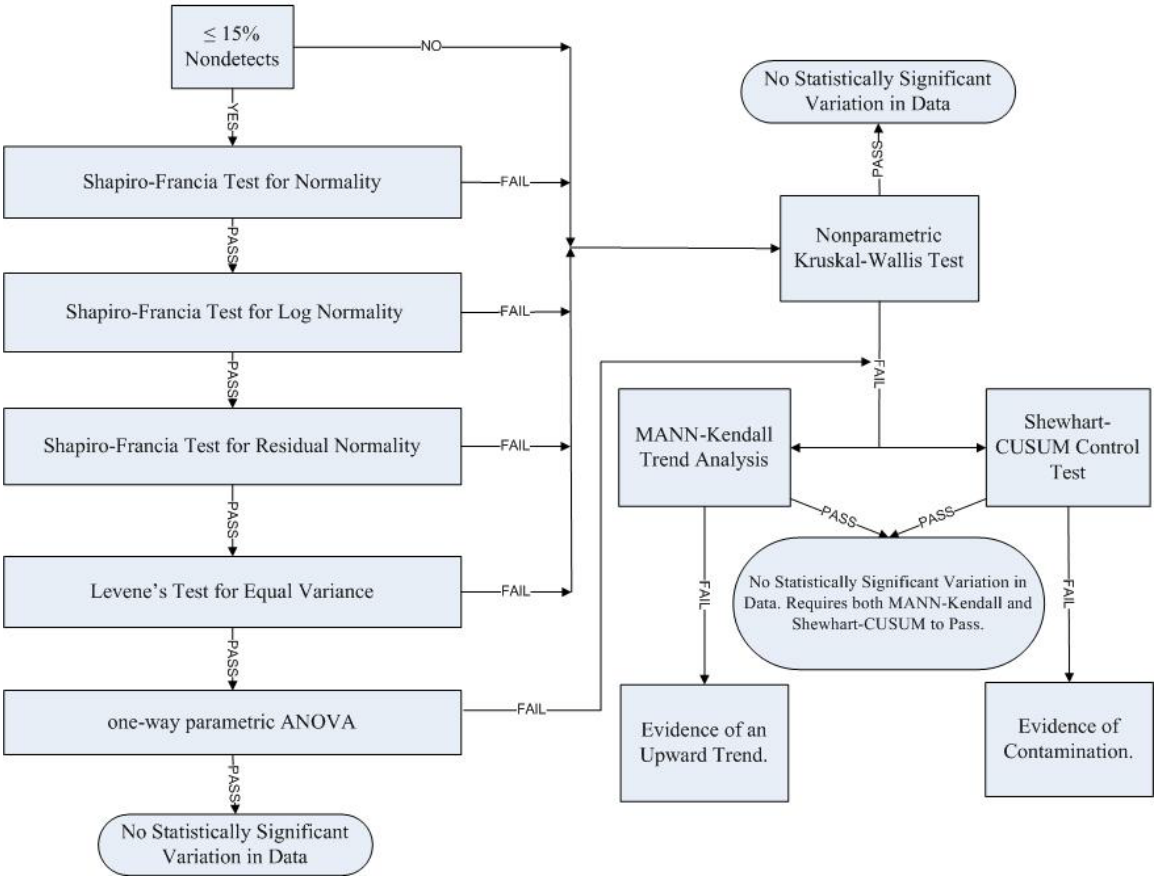
In this case, the Kruskal-Wallis Test performs post-hoc comparisons between background and compliance well data to determine which wells, if any, show evidence of contamination. If the difference between the average ranks and the mean background rank of any individual well exceeds the critical difference calculated for that well, then evidence of contamination exists. A drawback to the Kruskal-Wallis Test is the dependence on background samples. Fewer background samples will result in an increase of incidence of false positives. An additional drawback to the Kruskal-Wallis Test is that past detections can be the cause for the determination of a statistically significant increase since the test does not discriminate between present and past values.

Additional statistical analyzes can help to determine the validity of the positive results. Intra-well comparisons comparing data from a single well to previous data from the same well are performed to determine if a trend of increasing concentration is occurring. The Sens's Slope Analysisand the Shewhart-CUSUM Control Charts were selected for these additional analyses.

The purpose for the Sens's Slope Analysisis to determine trends in sets of data. The assumption of the Sens's Slope Analysisprocedure is the idea that, if an increasing trend really exists, the sample taken first from any randomly selected pair of measurements should, on average, have a lower concentration than the measurement collected at a later point. The result for a data set being examined by the Sens's Slope Analysisis either an upward trend, a downward trend or no trend.

The Shewhart-CUSUM Control Chart is a graphical method to assess contamination levels for individual wells. This analysis visually tracks concentrations at a given well over time to determine whether they exceed critical thresholds, thus implying a significant increase over the baseline value. Shewhart-CUSUM Control Charts are very susceptible to false positives. However, the graph is useful in providing a visual indication of changing trends in parameter concentrations.

Figure 1: Flowchart of the Statistical Tests Performed for Each Analyte Detected in Compliance Wells



4.0 FIELD ACTIVITIES

This section describes the procedures that were followed for equipment decontamination, ground-water sampling, quality assurance sampling, preservation, handling, and shipment of samples. Ground-water samples were collected using a low-flow purge method with a bladder pump. Immediately before purging a well, the static water level below the top of the well casing and the total depth of the well were measured to the nearest 0.01 foot and recorded in the field notebook.

The volume of water in the well, including the saturated pore volume (assumed to be 30%) of the sand-packed annulus, was calculated based on the static water level and the well construction information. Well volume calculations were placed in the field notebook. The inlet of the sampling pump was placed at the mid-point of the screened interval. This level was adjusted for wells where the static water level is within the well screen. The monitoring wells were purged using a variable-flow bladder pump at a rate of 500 ml/min or less.

Temperature and specific conductance were monitored to ensure the water quality had stabilized to within 10% of the previous reading. Turbidity readings should either stabilize at or be lower than 10 Nephelometric Turbidity Units (NTUs). Stabilization occurs with pH measurements when readings remain constant within 0.1 Standard Units (SU). The rate of

pumping was determined and noted in the field notebook. The purge rate was adjusted, as necessary, to avoid purging any well to dryness and to equal the recharge of the aquifer.

All sampling equipment was protected from contaminated soil surfaces to prevent contamination of the samples (e.g., equipment may be placed on disposable polyethylene plastic sheeting). Ground-water sampling data (including sample number, location, quantity of water purged, field parameters, site conditions, etc.) were documented in the field notebook.

5.0 RESULTS

Fort Bragg authorized the U.S. Army Corps of Engineers, Savannah District to perform the required sampling of the Lamont Land Clearing and Inert Debris Landfill. The evaluation of ground-water data was in accordance with 15A NC3AC 13B.1634 for detection monitoring systems.

Sampling activities occurred in November, 2010. The background and compliance wells sampled are listed on Table 1. Ground-water data were statistically analyzed to determine if the mean concentration for each analyte deviated significantly from the mean concentration from the background well data. Any analyte detected during this event was tested to determine if the detection was a statistically significant increase over background levels.

Analysis of the 1,1-dichloroethane data using the Kruskal-Wallis test indicated a possible SSI in monitoring wells MW-8, MW-9, MW-10, and MW-11R. The possible SSIs were not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the 1,1-dichloroethane data are not SSIs.

Analysis of the 1,2-dichloropropane data using the Kruskal-Wallis test indicated a possible SSI in monitoring well MW-10. The possible SSIs were not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the 1,2-dichloropropane data in monitoring well MW-10 are not SSIs.

Analysis of the 1,4-dichlorobenzene data using the Kruskal-Wallis test indicated a possible SSI in monitoring well MW-10. The possible SSIs were not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the 1,4-dichlorobenzene data in monitoring well MW-10 are not SSIs.

Analysis of the 1,4-dioxane data using the Non-Parametric Prediction Limit test indicated a possible SSI in monitoring wells MW-7, MW-9, and MW-10. The possible SSIs were not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the 1,4-dioxane data in monitoring well MW-10 are not SSIs.

Analysis of the 1-naphthylamine data using the Non-Parametric Prediction Limit test indicated a possible SSI in monitoring well MW-6. The possible SSI was not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the 1-naphthylamine data in monitoring well MW-6 are not SSIs.

Analysis of the 3,3'-dichlorobenzidine data using the Non-Parametric Prediction Limit test indicated a possible SSI in monitoring wells MW-6, MW-7, and MW-9. The possible SSIs

were not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the 3,3'-dichlorobenzidine data in monitoring are not SSIs.

Analysis of the acetone data using the Kruskal-Wallis test indicated a possible SSI in monitoring well MW-7. The SSI was not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the acetone data in monitoring well MW-7 are not SSIs.

Analysis of the arsenic data using the Kruskal-Wallis test indicated a possible SSI in monitoring wells MW-7 and MW-9. The SSIs were not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the arsenic data in monitoring wells MW-7 and MW-9 are not SSIs.

Analysis of the barium data using the Kruskal-Wallis test indicated a possible SSI at the group level, no single well was indicated to have an SSI. Therefore, the Non-Parametric Prediction Limit was used to test if the data contained SSIs. The Non-Parametric Prediction Limit indicated possible SSIs for wells MW-7, MW-8, and MW-10. The possible SSIs were not confirmed by the Sens's Slope Analysis for MW-7 or the Shewhart-CUSUM Control Chart for all wells. The fluctuations in the barium data in MW-7 are not considered to be SSIs. Since the results of the test on MW-8 and MW-10 are conflicting, more data is needed for analysis.

Analysis of the benzene data using the Kruskal-Wallis test indicated a possible SSI in monitoring wells MW-8, MW-9, MW-10, and MW-11R. The possible SSIs were not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the benzene data in MW-8, MW-9, MW-10, and MW-11R are not considered to be SSIs.

Analysis of the chlorobenzene data using the Kruskal-Wallis test indicated a possible SSI in monitoring well MW-8 and MW-9. The SSI was not confirmed by either the Sens's Slope Analysis for either well or the Shewhart-CUSUM Control Chart for MW-9. The fluctuations in the chlorobenzene data in monitoring well MW-9 are not SSIs. Since the results of the test on MW-8 are conflicting, more data is needed for analysis.

Analysis of the cis-1,2,-dichloroethene data using the Kruskal-Wallis test indicated a possible SSI in wells MW-8, MW-10 and MW-11R. The possible SSIs were not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in cis-1,2,-dichloroethene data in monitoring wells MW-8, MW-10 and MW-11R are not SSIs.

Analysis of the dichlorodifluoromethane data using the Kruskal-Wallis test indicated a possible SSI in monitoring well MW-11R. The SSI was not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the dichlorodifluoromethane data in monitoring well MW-11R are not SSIs.

Analysis of the ethyl chloride data using the Kruskal-Wallis test indicated a possible SSI in monitoring well MW-7. The possible SSI was not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the ethyl chloride data are not SSIs.

Analysis of the methylene chloride data using the Non-parametric Prediction Limit test indicated a possible SSI in monitoring wells MW-6, MW-7, MW-8, and MW-9. The possible

SSIs were not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the methylene chloride data are not SSIs.

Analysis of the p-chloroaniline data using the Non-Parametric Prediction Limit test indicated a possible SSI in monitoring wells MW-6, MW-7, and MW-9. The possible SSIs were not confirmed by the Sens's Slope Analysis. The Shewhart-CUSUM Control Chart test could not be run because of limitations in the data. The fluctuations in the p-chloroaniline data are not SSIs.

Analysis of the p-phenylenediamine data using the Non-Parametric Prediction Limit test indicated a possible SSI in monitoring well MW-6. The possible SSI was not confirmed by the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart test. The fluctuations in the p-phenylenediamine data are not SSIs.

Analysis of the tetrachloroethene data using the Kruskal-Wallis test indicated a possible SSI in monitoring wells MW-8, MW-9, and MW-11R. The possible SSIs were not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the tetrachloroethene data in the monitoring wells are not SSIs.

Analysis of the toluene data using the Kruskal-Wallis test indicated a possible SSI at the group level, no single well was indicated to have an SSI. Therefore, the Non-Parametric Prediction Limit was used to test if the data contained SSIs. The Non-Parametric Prediction Limit did not indicate that the data contained possible SSIs for any of the wells.

Analysis of the trans-1,2,-dichloroethene data using the Kruskal-Wallis test indicated a possible SSI in well MW-8. The possible SSI was not confirmed by either the Sen's Slope Analysis or the Shewhart-CUSUM Control Chart. The trans-1,2,-dichloroethene data for MW-8 are not considered to contain SSIs.

Analysis of the trichloroethene data using the Kruskal-Wallis test indicated a possible SSI in monitoring wells MW-8, MW-9, MW-10, and MW-11R. The possible SSIs were not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the trichloroethene data in the monitoring wells are not SSIs.

Analysis of the vanadium data using the Kruskal-Wallis test indicated a possible SSI in monitoring well MW-7. The possible SSI was not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the toluene data in the monitoring well do not contain SSIs.

Analysis of the vinyl chloride data using the Kruskal-Wallis test indicated possible SSIs in monitoring wells MW-8, MW-9, and MW-10. The possible SSIs were not confirmed by either the Sens's Slope Analysis or the Shewhart-CUSUM Control Chart. The fluctuations in the vinyl chloride data in the monitoring wells are not SSIs.

The results of the statistical analysis indicate that the compliance well concentrations do not vary significantly from background concentrations for any of the other parameters analyzed. Future analytical results will be evaluated using the same procedures.

6.0 CONCLUSIONS

Compliance well concentrations do not vary significantly from background concentrations for any of the parameters analyzed. Future analytical results will be evaluated using the same statistical procedures.

7.0 REFERENCES

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