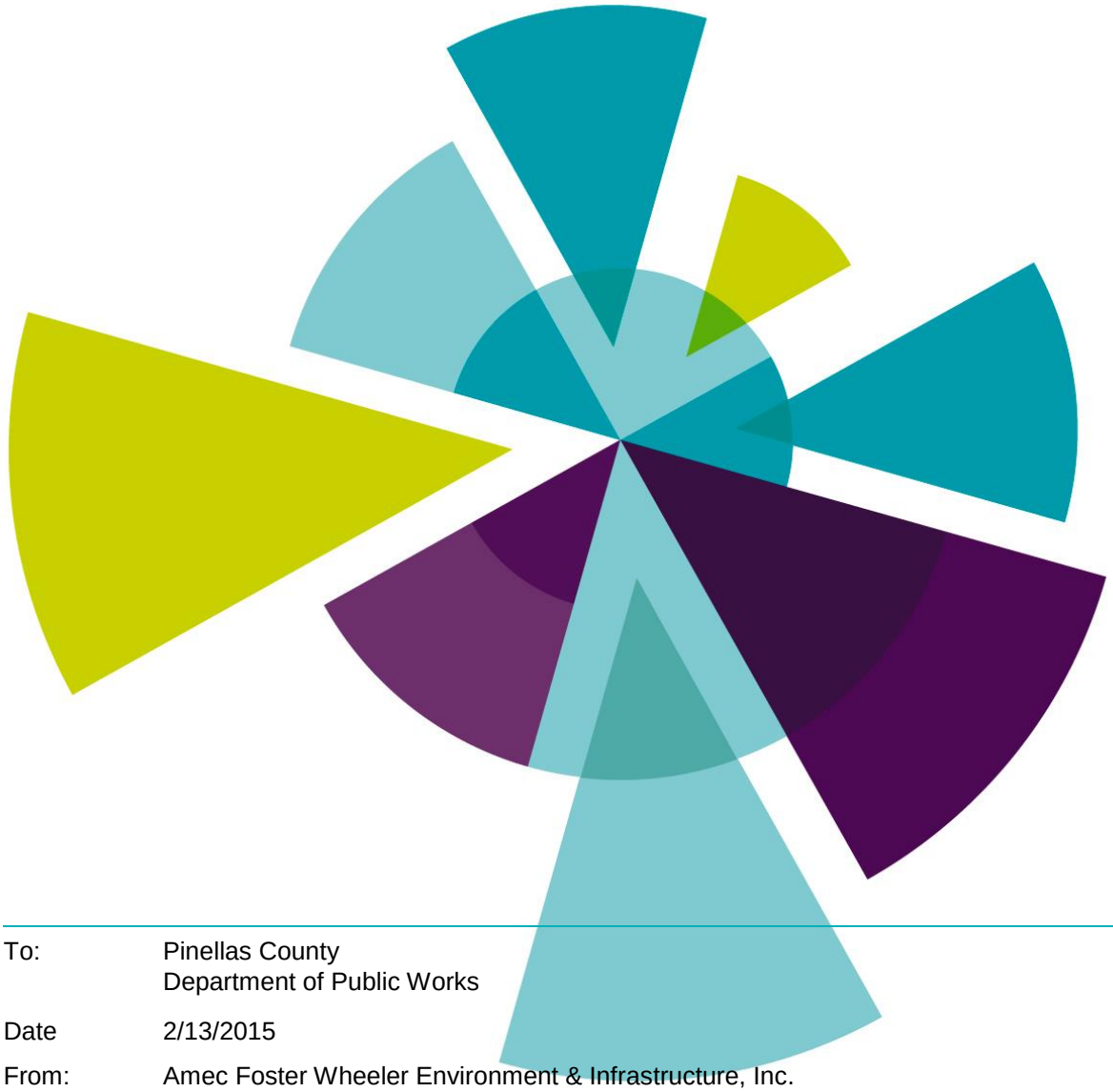
Lake Seminole Sediment Removal Project

2014 Sediment Data Summary Report



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LIST OF ACRONYMS AND ABBREVIATIONS

COC	Contaminants of Concern
FAC	Florida Administrative Code
FDEP	Florida Department of Environmental Protection
GCTL	Groundwater Cleanup Target Level
MCL	Maximum Contaminant Level
MCL	Maximum Contaminant Level
MDL	Minimum Detection Level
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
OCP	Organochlorine Pesticides
PAH	Polycyclic Aromatic Hydrocarbons
PCB	Polychlorinated biphenyls
PQL	Practical Quantitation Limit
SCTL	Soil Cleanup Target Level
SOC	SemiVolatile Organic Compounds
SOP	standard operating procedure
SPLP	Synthetic Precipitation Leachate Procedure
µg/L	micrograms per liter
VOC	Volatile Organic Compounds

1.0 INTRODUCTION

Pinellas County contracted Amec Foster Wheeler Environment & Infrastructure, Inc. (Amec Foster Wheeler) to perform additional characterization of the sediments to be removed from Lake Seminole, Pinellas County. These data were used to determine the most environmentally acceptable and economical practices to manage the sediments once removed from Lake Seminole, and the potential for beneficial reuse of these soils. The additional characterization was achieved through the 2014 pre-construction sediment sampling program that identified areas in Lake Seminole that could cause potential human direct exposure and leaching impacts from the mobilization of contaminants in the dewatered bulk, coarse and fine fraction of soils that originated from the lake. Additional background information on the lake itself, preliminary sampling efforts, and restoration purpose and objectives is available in the Lake Seminole Sediment Removal Project Preliminary Design Report (AMEC-BCI 2011). This technical memorandum summarizes the rationale, objectives, methodology and results of the August 2014 Lake Seminole Sediment Sampling Program.

1.1 Project Background

The Florida Department of Environmental Protection (FDEP) Standard General Environmental Resource Permit (ERP, Permit No. 52-0205092-003), issued to Pinellas County on December 5, 2013, authorized a Class I or II lined landfill as the final disposal location for all Lake Seminole dredge sediment (coarse and fine material). The necessity to consider landfill disposal of the dredge sediment occurred due to the determination that the County's preliminary plans to utilize the Largo Landfill to beneficially dispose of the sediment were technically not feasible. This determination was made jointly by the County and the City of Largo based on site investigation results and preliminary design efforts conducted by Amec Foster Wheeler. Additionally, the option to dispose of the dredge sediment at a lined landfill is not feasible due to the high costs. Accordingly, further investigation into alternative disposal locations that would provide a beneficial use of the sediments was warranted, which also created the need to review existing data to determine if the sediments could be taken to an alternative location to be beneficially used rather than taken to a lined landfill for final disposal. A change in final disposal location to allow alternative locations for beneficial use of the sediment required a modification to the permit, which was received by the County on October 20, 2014.

1.2 Previous Studies and Efforts

Amec Foster Wheeler performed a preliminary chemical screening and general physical characterization of sediment samples in 2011. Samples were analyzed for nutrients and contaminants of concern (COCs), which included metals, polycyclic aromatic hydrocarbons (PAHs), organochlorine pesticides (OCPs), SemiVolatile Organic Compounds (SOCs), Volatile Organic Compounds (VOCs), and polychlorinated biphenyls (PCBs). For the purpose of identifying alternative locations for dredge sediment disposal, Amec Foster Wheeler conducted a more detailed data review and analysis of existing sediment COCs and nutrient concentration data collected as part of the preliminary design efforts carried out in 2011 (AMEC-BCI 2011). The additional data analysis was conducted to determine if sufficient data were available to support a recommendation for the sediment disposal alternatives.

During the 2011 sampling effort, only bulk (raw, unseparated sample) and coarse fraction (material retained on a No. 200 sieve, 75 µm) samples were tested for contaminants. It was not possible to capture an appropriate fine fraction (material passing through a No. 200 sieve, 75 µm) sample using the screening method employed during the 2011 sampling program. All coarse fraction samples were found to be below detection levels for the COCs, which led to the assumption that the fine fraction of the bulk sample contained the majority of the COC on a mass basis. Using this assumption, the fine fraction sample concentrations were estimated based on the percent fine material found in each bulk sample (**Table 1**).

In regard to residential direct exposure Soil Cleanup Target Levels (SCTL), as specified in Table I of Ch. 62-777 F.A.C, the preliminary 2011 bulk sediment data identified one area (Area 1) in the lake that suggested potential contamination of arsenic. As already mentioned, the coarse fraction (primarily sand) of the samples did not show any contamination potential for any areas in the lake. Using the approach to estimate fine fraction concentrations for COCs, the estimated fine fraction samples were found to exceed SCTL direct exposure residential levels for total arsenic in all seven areas in the lake. The estimated fine samples were also detected above the minimum detection level (MDL) but were below the practical quantitation limit (PQL), which was above the SCTL leachability criteria for several COCs (see **Table 1**). Based on the 2011 data, it was not possible to determine if contamination potential existed for these particular COCs.

Table 1
2011 Hits above the MDL but Below the PQL for Listed COCs

COC	Area 1	Area 2	Area 3	Area 4	Area 5	Area 6	Area 7
Acrylonitrile	B&F	B&F	B&F	B&F	B&F	B&F	B&F
Benzene	B&F	F	F	F	F	F	F
Chloromethane	B&F		F	F	F	F	F
Dibromochloromethane	B&F	F	B&F	B&F	B&F	B&F	B&F
Vinyl chloride	B&F	F	F	F	F	F	F
cis-1,3-Dichloropropene	B&F	B&F	B&F	B&F	B&F	B&F	B&F
1,2-Dichloroethane	F				F	F	F
Cyanide	F				F	F	F
alpha-BHC	F	F	F	F	F	F	F
beta-BHC							F
delta-BHC							F
Thallium						F	F
Methylene Chloride							F
Trichloroethene							F

***Note: B indicates the bulk sample, and F indicates the fine sample fraction**

The large volumes of sediments planned for removal (approximately 1,000,000 cubic yards) dictates that economic management of the material is key for the success of the project. The 2011 preliminary sampling effort was conducted to identify which areas in the lake may have had the potential for sediment contamination under the assumption that the Largo Landfill would be utilized for sediment disposal. The original sampling program was not designed to function as the basis for legal agreements with landowners or contractors or to provide permitting assurance that the material could be safely disposed of beneficially other than in areas similar to the Largo Landfill in terms of public access and long-term land use objectives. Therefore, based

on the results of the 2011 data review described above, in 2014 Amec Foster Wheeler recommended and designed a comprehensive sampling approach to provide a more thorough and recent characterization of the sediments and to provide sufficient evidence to identify or rule out possible contamination impacts from dredge disposal under a broader range of beneficial and landfill disposal alternatives. Details of the 2014 sampling program are discussed below.

1.3 2014 Sediment Sampling Program Objectives

There were distinct objectives of the 2014 sediment testing and characterization program, which included the following:

- Determine physical characteristics of sediments that may be correlated with contamination potential
- Determine chemical characteristics of sediments that may indicate contamination potential
- Determine extent to which potential contamination would affect how dredged material management such as beneficial and landfill disposal would need to be handled to comply with FDEP Soil Cleanup Target Levels (SCTLs) for direct residential exposure, and leachability to groundwater, respectively

2.0 SEDIMENT CHARACTERIZATION

Physical and chemical characterization work was performed in 2014 to develop the data required to support the final project design and permitting efforts. The 2014 pre-construction sediment sampling program methodology and results are summarized in the following sections.

2.1 Sampling and Analytical Overview and Methodology

Lake Seminole generally receives a great deal of stormwater runoff, thus the 2014 sediment sampling approach was recommended based on the assumption that recent hydrological conditions during the last three wet seasons (2012-2014) could have had an effect on contamination potential from increased stormwater runoff entering the lake.

The 2014 sediment sampling program was conducted on August 22, 2014 for the purpose of providing a sufficient level of data to support beneficial reuse of sediments at alternative locations in addition to disposal at a Class III lined landfill. The sampling program included sediment sampling at 31 individual locations within Lake Seminole and compositing the samples into 13 composite bulk, 13 fine and 5 coarse samples, for a total of 31 spatially composite samples with varying moisture content and gradations. **Figure 1** shows the individual sampling locations sampled in 2014. Sampling occurred at the 20 existing sites previously sampled by Amec Foster Wheeler in 2011 along with 11 newly identified sampling sites that were selected based on existing sediment quality data and spatial data gaps (see **Table 2**). Individual borings were taken using a stainless steel piston-tube coring device and an Ekman Dredge sampler following methods previously described in the preliminary 2011 report (AMEC-BCI 2011) and in general accordance with FDEP standard operating procedures (SOPs), specifically FS4000.

Table 2 shows the compositing scheme with details on how the individual sampling locations were composited for each dredge area and whether it was a new (2014) or existing (2011) sampling location. The table in **Appendix 1** shows the full analyte list and analytical methods used to analyze the total concentration and leachate from the Synthetic Precipitation Leaching Procedure (SPLP) extraction method of COCs, nutrients and physical parameters. Nutrients were analyzed at both composite and new locations, and physical parameters were only sampled and analyzed (at Amec Foster Wheeler Laboratory) for new locations or at locations where they were not previously sampled. Complete laboratory analytical records and chain of custody documentation are attached to this report (**Appendix B**).

Figure 1
Map of Individual Sampling Locations in Lake Seminole

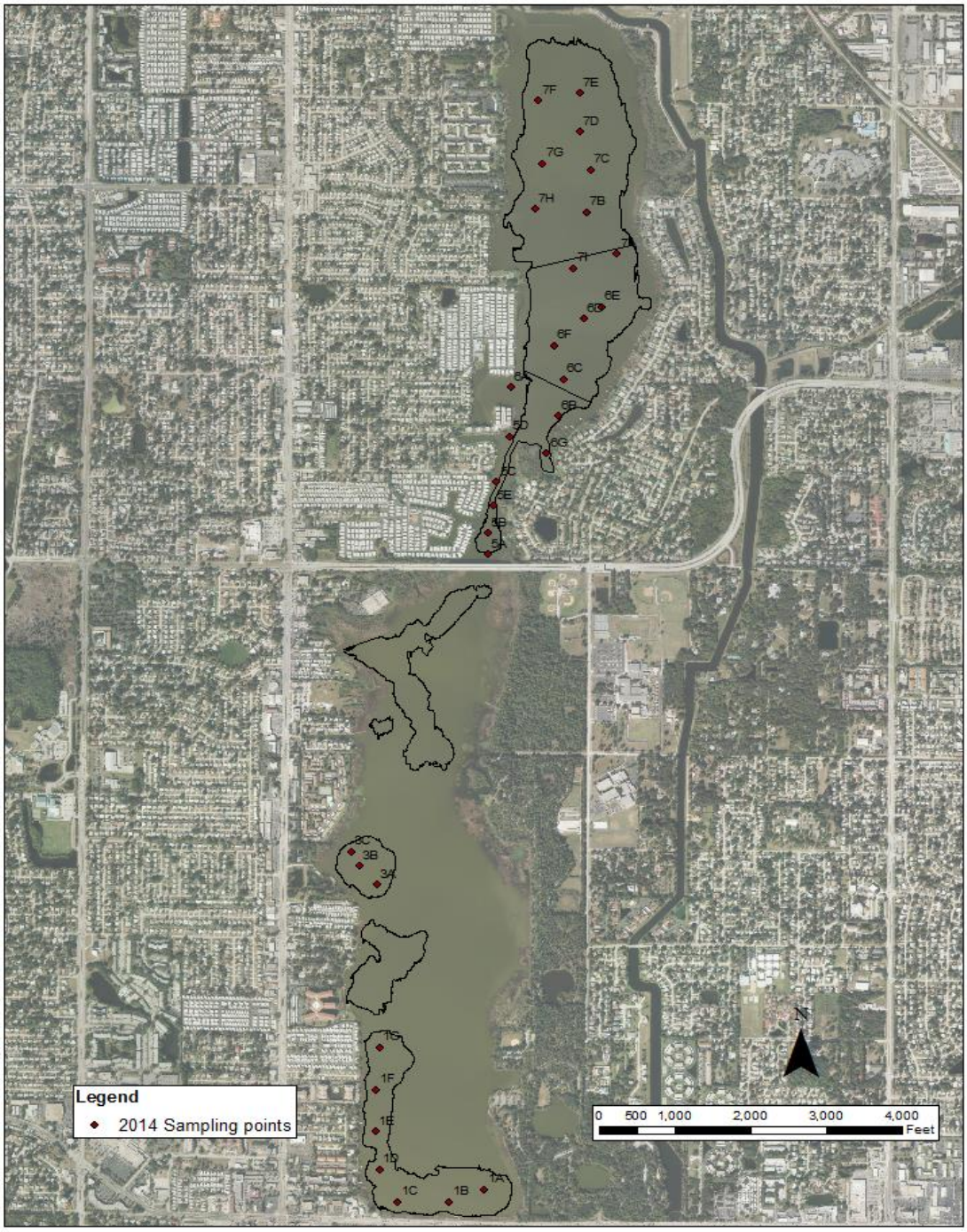


Table 2
Individual Sampling Locations and Composite Samples for Each Area

Area	Composite #	Composite ID	Site #	New/Old Site	Strata
1	Comp 1-1	1	1A	OLD	South
1	Comp 1-1	1	1B	OLD	South
1	Comp 1-1	1	1C	OLD	South
1	Comp 1-2	2	1D	NEW	South
1	Comp 1-2	2	1E	NEW	South
1	Comp 1-3	3	1F	NEW	South
1	Comp 1-3	3	1G	NEW	South
3	Comp 3-1	4	3A	OLD	South
3	Comp 3-1	4	3B	OLD	South
3	Comp 3-1	4	3C	OLD	South
5	Comp 5-1	5	5A	OLD	Narrows
5	Comp 5-1	5	5B	OLD	Narrows
5	Comp 5-2	6	5C	OLD	Narrows
5	Comp 5-2	6	5D	OLD	Narrows
5	Comp 5-2	6	5E	NEW	Narrows
6	Comp 6-1	7	6B	OLD	Narrows
6	Comp 6-1	7	6C	OLD	Narrows
6	Comp 6-2	8	6D	OLD	North
6	Comp 6-2	8	6E	OLD	North
6	Comp 6-2	8	6F	NEW	North
6	Comp 6-3	9	6A	OLD	Narrows
6	Comp 6-3	9	6G	NEW	Narrows
7	Comp 7-1	10	7B	OLD	North
7	Comp 7-1	10	7C	OLD	North
7	Comp 7-2	11	7D	OLD	North
7	Comp 7-2	11	7E	OLD	North
7	Comp 7-2	11	7F	NEW	North
7	Comp 7-3	12	7G	NEW	North
7	Comp 7-3	12	7H	NEW	North
7	Comp 7-4	13	7I	NEW	North
7	Comp 7-4	13	7A	OLD	North

Composite Bulk Sample Fractionation Process

Although the method used to estimate the fine fraction of bulk samples used on the 2011 preliminary dataset is a reasonable approach, it did not provide the assurance necessary for the County or potential receivers of the dredge material to ensure that the material will not be contaminated upon removal and processing. Therefore, the 2014 sediment sampling program included a method to produce a more representative soil sample of the fine fraction or dredge processing residual as would be produced by a typical dewatering and flocculation processing plant during construction. To reduce the level of uncertainty of the estimated COC concentrations for the fine fraction, it was necessary to conduct COC tests on soil samples that have undergone similar processes for dewatering and polymerization as planned for the dredging project. To address this issue, Amec Foster Wheeler partnered with Genesis Water Inc. to utilize their de-sanding, dewatering and polymerization bench scale pilot testing lab to produce coarse and fine soil fractions similar to what may be produced during a dredging scenario, which were analyzed for COCs and other parameters at TestAmerica Lab, Inc. The additional effort of mimicking the activity of dredge processing prior to lab analyses reduced uncertainty of the following results and provided additional assurance that soil samples will reflect a more accurate representation of processed dredge soil COC concentrations.

Assessment Methods to Determine Potential Contamination and Leachability

Four lines of evidence were used to determine potential contamination and leachability from dredged and dewatered lake soil. First, data was evaluated for the potential of total contaminant concentrations exceeding the residential direct exposure SCTL values. The second line of evidence evaluated the potential for groundwater leachability by comparing default SCTL groundwater leachability standards (GCTL) against collected soil data. The third line of evidence included an assessment of potential soil concentration leachability threshold exceedances using the SPLP extraction method. The fourth line of evidence further evaluated the potential for metals leaching to groundwater by using guidance developed by the FDEP Bureau of Waste Cleanup (2009) by conducting a parametric statistical analysis using total metals concentration data, leachability threshold criteria (per Table II of Ch. 62-777, F.A.C.), and the sampling results obtained from the SPLP leachate for metals of concern.

As stated in the FDEP (2009) guidance document, default leachability thresholds are only provided for certain COCs, and are not provided for all metals of concern. Therefore, some of the COCs listed in Table II of Ch. 62-777, F.A.C. require that groundwater leachability threshold soil concentrations be established utilizing the data derived from the SPLP extraction method (FDEP 2009). The guidance also allows for substituting the default leachability values found in Table II of Ch. 62-777, F.A.C., with leachability concentrations determined by SPLP on a site-specific basis. Alternatively, site-specific total concentration leachability threshold values (GCTLs) can also be established from the linear relationship between the total contaminant and leachability results obtained from the SPLP extraction method (FDEP 2009). Amec Foster Wheeler performed the statistical analysis between total contaminant and leachability sampling results (SPLP) to determine site-specific groundwater leachability thresholds (GCTLs) for arsenic, aluminum and iron. These three metals were evaluated because the metals do not have default groundwater leachability thresholds (GCTLs) based on total concentration and SPLP leachability results were elevated above groundwater leachability criteria, which is described in the results section.

Metal Enrichment Assessment Method

An additional analysis was conducted using the interpretive tool developed by the FDEP to assess metal enrichment in Florida freshwater sediment because metals are ubiquitous and naturally occurring in Florida's lakes (FDEP 2002). The guidance document provides a tool to determine whether metals exceed expected concentrations found in the natural environment and a way to account for natural variability of metals to determine if the sediment is metal enriched. The tool is based on the relationship between metals and two reference elements, aluminum and iron (FDEP 2002), which are naturally found in lake sediments. Natural reference concentrations from "clean" sediment samples were used in linear regressions to determine prediction limits to distinguish between natural versus enriched metals concentrations in freshwater sediments. The tool follows a reference element normalization approach that normalizes metal concentrations to aluminum, allowing a simple determination of whether sediment metals are within or outside of expected natural ranges. The tool was applied using aluminum and arsenic to determine if the samples collected from Lake Seminole fall within one of two possible scenarios: A) the sediments contain metals below natural background (baseline) levels, or B) the data support the potential for arsenic enrichment. The results of the analysis will provide better understanding of natural background conditions of metals and will aid in the development of a strategy to properly manage the dredged material.

2.2 Physical Characterization Results

Table 3 provides a summary of the physical soil parameters collected and analyzed by Amec Foster Wheeler in 2014 at the 14 new individual sample sites.

Table 3
Physical Characterization Analytical Results

Sample ID	Solids Content (%)	Moisture Content (%)	Organic Content (%)	Specific Gravity (G_s)	Sample pH	*Fines (%)
1D	63.7	57.1	1.9	2.66	7.7	5.0
1E	42.1	137.6	6.9	2.68	7.9	21.0
1F	32.0	212.5	28.2	1.94	7.4	40.0
1G	43.7	129.0	6.8	2.70	7.6	21.0
3A	43.2	131.2	4.1	2.69	7.5	8.0
3B	24.8	302.7	31.3	1.97	7.5	65.0
3C	23.8	320.5	43.6	1.84	7.5	82.0
5E	71.4	40.1	1.6	2.66	7.6	9.0
6F	38.8	157.5	21.3	2.39	7.4	32.0
6G	32.5	207.9	66.4	1.89	5.8	77.0
7F	27.0	270.7	65.7	1.89	7.3	66.0
7G	38.7	158.4	32.7	2.52	7.2	47.0
7H	58.0	72.5	5.4	2.61	7.4	13.0
7I	38.6	158.8	13.5	2.66	7.3	30.0

Note: *%Fines = Material passing through a No. 200 sieve, 75 µm, based on a mechanical gradation and hydrometer analysis (ASTM C136, D421, D422 & D422-63)

Percent solids content data were reported by TestAmerica Lab for all composite (bulk, fine and coarse) samples, with data shown in **Table 4**. The percent solids content data for the composite samples was used in additional data analyses to determine if total concentration or SPLP data was correlated with percent solids. The minimum, mean and maximum values of percent solids for the bulk samples were 12.7%, 31.8%, 60.7%, respectively. The minimum, mean and maximum values of percent solids for the fine fraction samples were 9.9%, 12.8%, 18.5%, respectively.

Table 4
Bulk Sample and Fine Fraction Composite (Comp) Sample Percent Solids Content Results

Composite Site ID	Comp 1-1	Comp 1-2	Comp 1-3	Comp 3-1	Comp 5-1	Comp 5-2	Comp 6-1	Comp 6-2	Comp 6-3	Comp 7-1	Comp 7-2	Comp 7-3	Comp 7-4
Percent Solids Bulk Sample	16.5	60.7	22.4	43	12.7	20.5	39.7	52	16.7	28.2	26.2	50.7	24.4
Percent Solids Fine Fraction	13.8	12.6	11	12.4	9.9	13.2	12.8	11.9	11.3	18.5	12.8	14.5	11.6

2.3 Chemical Characterization Results

Assessment to Determine Potential Contamination and Leachability

Out of the full COC analyte list (**Appendix A**), the only bulk and fine fraction sample COC that was found to exceed its respective direct exposure (DE) SCTL criteria (2.1 mg/kg, per Table I of Ch. 62-777 F.A.C) was arsenic. No other analytes were detected at levels near either the residential or commercial SCTLs. Arsenic does not have a default GCTL criteria, which required assessment of the SPLP data to determine potential for groundwater leachability. **Tables 5** and **6** provide a summary of the bulk sample and fine fraction total arsenic concentration and SPLP results.

Table 5
Bulk Composite (Comp) Sample Total Arsenic and SPLP Results

Composite Site ID	Comp 1-1	Comp 1-2	Comp 1-3	Comp 3-1	Comp 5-1	Comp 5-2	Comp 6-1	Comp 6-2	Comp 6-3	Comp 7-1	Comp 7-2	Comp 7-3	Comp 7-4
Total Arsenic* (mg/kg)	3	0.93	5.1	2.9	7.2	6.4	1.9	1.5	8	3.1	3	2.8	3.9
SPLP (µg/L)**	13	13	18	17	17	19	11	16	19	14	13	11	8.9

Notes: *SCTL residential DE criteria: 2.1 mg/kg, commercial/industrial DE criteria: 12 mg/kg
****SPLP groundwater criteria: 10 µg/L**

Table 6
Fine Fraction Composite (Comp) Sample Total Arsenic and SPLP Results

Composite Site ID	Comp 1-1	Comp 1-2	Comp 1-3	Comp 3-1	Comp 5-1	Comp 5-2	Comp 6-1	Comp 6-2	Comp 6-3	Comp 7-1	Comp 7-2	Comp 7-3	Comp 7-4
Total Arsenic* (mg/kg)	9.7	11	11	9.4	10	9.3	6.9	7.6	7.2	6.9	8.1	5.7	8.1
SPLP** (µg/L)	15	14	17	17	13	15	11	14	9.5	17	13J3	6.6	13

Notes: *SCTL residential DE criteria: 2.1 mg/kg, commercial/industrial DE criteria: 12 mg/kg
****SPLP groundwater criteria: 10 µg/L**
J3 = Estimated value; value may not be accurate. Spike recovery outside of criteria.

Total arsenic concentrations in the 13 bulk sediment samples ranged from 0.93 to 8 mg/kg, with ten of the samples exceeding the residential direct contact SCTL for arsenic. Leachable arsenic (SPLP) was detected above the groundwater criteria for twelve of the thirteen samples. All of the fine fraction arsenic samples exceeded the direct exposure SCTL, and eleven out of thirteen of the SPLP samples exceeded the groundwater criteria.

Direct exposure SCTL criteria for residential scenarios was not exceeded for any other metals for the bulk or fine composite samples. However, the groundwater leachability standard (GCTL) for chromium was exceeded in 3 of 13 of the bulk samples, and 12 of 13 of the fine samples as shown in **Tables 7 and 8**. Although, the SPLP samples were either not detected or did not exceed the SPLP leachability standard for chromium for either the bulk or fine samples, which suggests that leachable chromium is a non-issue.

Table 7
Bulk Composite (Comp) Sample Total Chromium and SPLP Results

Composite Site ID	Comp 1-1	Comp 1-2	Comp 1-3	Comp 3-1	Comp 5-1	Comp 5-2	Comp 6-1	Comp 6-2	Comp 6-3	Comp 7-1	Comp 7-2	Comp 7-3	Comp 7-4
Total Chromium * (mg/kg)	10	3.6	20	16	40	39	9.1	5.8	40	15	8.6	16	18
SPLP** (µg/L)	13	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.3J3	5.0U	5.0U	5.0U

Notes: *GCTL: 38 mg/kg
****SPLP groundwater criteria: 100 µg/L**
U = The compound was analyzed but not detected.

Table 8
Fine Fraction Composite (Comp) Sample Total Chromium and SPLP Results

Composite Site ID	Comp 1-1	Comp 1-2	Comp 1-3	Comp 3-1	Comp 5-1	Comp 5-2	Comp 6-1	Comp 6-2	Comp 6-3	Comp 7-1	Comp 7-2	Comp 7-3	Comp 7-4
Total Chromium* (mg/kg)	66J3	67	63	60	63	62	47	47	45	43	44	37	54
SPLP** (µg/L)	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U J3	5.0U	5.0U

Notes: *GCTL: 38 mg/kg
****SPLP groundwater criteria: 100 µg/L**
U = The compound was analyzed but not detected.
J3 = Estimated value; value may not be accurate. Spike recovery outside of criteria.

The groundwater leachability standard (GCTL) for selenium was not exceeded for the bulk samples, but it was exceeded in 9 of 13 of the fine samples as shown in **Tables 9 and 10**. Although, the SPLP samples were either not detected or did not exceed the SPLP leachability standard for selenium for either the bulk or fine samples, which suggests that leachable selenium is a non-issue.

Table 9
Bulk Composite (Comp) Sample Total Selenium and SPLP Results

Composite Site ID	Comp 1-1	Comp 1-2	Comp 1-3	Comp 3-1	Comp 5-1	Comp 5-2	Comp 6-1	Comp 6-2	Comp 6-3	Comp 7-1	Comp 7-2	Comp 7-3	Comp 7-4
Total Selenium * (mg/kg)	1.4U	0.36U	1.4I	1.0I	3.5I	3.4	0.72I	0.52I	4.0	1.3I	0.86U	1.4	1.5I
SPLP** (µg/L)	2.5U	2.5U	2.5U	2.5U	2.5U	3.7	2.5U	11	2.5U	2.5U J3	2.5U	3.8	2.5U

Notes: *GCTL: 5.2 mg/kg
****SPLP groundwater criteria: 50 µg/L**
U = The compound was analyzed but not detected.
I = The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Table 10
Fine Fraction Composite (Comp) Sample Total Selenium and SPLP Results

Composite Site ID	Comp 1-1	Comp 1-2	Comp 1-3	Comp 3-1	Comp 5-1	Comp 5-2	Comp 6-1	Comp 6-2	Comp 6-3	Comp 7-1	Comp 7-2	Comp 7-3	Comp 7-4
Total Selenium * (mg/kg)	6.6	5.3	6.4	5.1	6.9	8.3	4.5	5.1	5.6	4.5	6.0	6.3	6.3
SPLP** (µg/L)	2.5	2.5U	2.7	2.5U	2.5U	5.3	2.5U	2.5U	2.5U	2.5U	2.7	2.5U	2.5U

Notes: *GCTL: 5.2 mg/kg
****SPLP groundwater criteria: 50 µg/L**
U = The compound was analyzed but not detected.

Similar to arsenic, aluminum and iron do not have a default GCTL criteria, which required assessment of the SPLP data to determine potential for groundwater leachability. **Tables 11 through 14** provide a summary of the bulk sample and fine fraction of total aluminum and iron concentration and SPLP results. Leachable aluminum (SPLP) was detected above the groundwater criteria in nine of thirteen of the bulk samples and for twelve of the thirteen fine fraction samples. Leachable iron (SPLP) was detected above the groundwater criteria in four of thirteen of the bulk samples and for three of the thirteen fine fraction samples.

Table 11
Bulk Composite (Comp) Sample Total Aluminum and SPLP Results

Composite Site ID	Comp 1-1	Comp 1-2	Comp 1-3	Comp 3-1	Comp 5-1	Comp 5-2	Comp 6-1	Comp 6-2	Comp 6-3	Comp 7-1	Comp 7-2	Comp 7-3	Comp 7-4
Total Aluminum * (mg/kg)	2800J3	970	6700	5300	14000	16000	3200	2600	15000	6200	3700	8200	7000
SPLP** (µg/L)	4600	240	100U	100U	360	1500	730	590	700	2700J3	170	1800	100U

Notes: **SPLP groundwater criteria: 200 µg/L
J3 = Estimated value; value may not be accurate. Spike recovery outside of criteria.

Table 12
Fine Fraction Composite (Comp) Sample Total Aluminum and SPLP Results

Composite Site ID	Comp 1-1	Comp 1-2	Comp 1-3	Comp 3-1	Comp 5-1	Comp 5-2	Comp 6-1	Comp 6-2	Comp 6-3	Comp 7-1	Comp 7-2	Comp 7-3	Comp 7-4
Total Aluminum (mg/kg)	26000J3	24000	23000	22000	23000	27000	20000	21000	19000	18000	21000	20000	24000
SPLP** (µg/L)	860	600	230	230	150	1600	360	680	310	800	1300	1600J3	680

Notes: **SPLP groundwater criteria: 200 µg/L
J3 = Estimated value; value may not be accurate. Spike recovery outside of criteria.

Table 13
Bulk Composite (Comp) Sample Total Iron and SPLP Results

Composite Site ID	Comp 1-1	Comp 1-2	Comp 1-3	Comp 3-1	Comp 5-1	Comp 5-2	Comp 6-1	Comp 6-2	Comp 6-3	Comp 7-1	Comp 7-2	Comp 7-3	Comp 7-4
Total Iron * (mg/kg)	3400	940	6100	4000	10000	9900	2200	2400	11000	4400	4400	4000	5400
SPLP** (µg/L)	1300	100U	100U	100U	100U	340	180	170	150	590J3	100U	480	100U

Notes: **SPLP groundwater criteria: 300 µg/L
U = The compound was analyzed but not detected.

Table 14
Fine Fraction Composite (Comp) Sample Total Iron and SPLP Results

Composite Site ID	Comp 1-1	Comp 1-2	Comp 1-3	Comp 3-1	Comp 5-1	Comp 5-2	Comp 6-1	Comp 6-2	Comp 6-3	Comp 7-1	Comp 7-2	Comp 7-3	Comp 7-4
Total Iron * (mg/kg)	20000J3	18000	17000	16000	15000	16000	12000	14000	13000	13000	17000	10000	15000
SPLP** (µg/L)	280	180	100U	100U	100U	410	110	210	100U	230	380J3	480	210

Notes: **SPLP groundwater criteria: 300 µg/L
J3 = Estimated value; value may not be accurate. Spike recovery outside of criteria.
U = The compound was analyzed but not detected.

For the metals of concern in regards to groundwater leachability, mainly aluminum, iron, and arsenic, SPLP data were evaluated on a total area average basis, with area means calculated for each dredge area to determine if leachability is still a concern on an overall composite manner. This manner of evaluation is more appropriate based on the fact that material will be dredged by area, dewatered, processed and then blended after processing. **Tables 15 and 16** shows the SPLP area means for the metals of concern. Based on the area means, leachable aluminum was detected above the groundwater criteria in four of the five bulk samples and all of the fine samples. Leachable iron was detected above the groundwater criteria in one of the five bulk and fine samples. Leachable arsenic was detected above the groundwater criteria in all of the bulk and fine samples.

Table 15
Bulk Sample SPLP Area Mean Composite Results

SPLP (µg/L) Bulk Samples	Area 1	Area 3	Area 5	Area 6	Area 7
Area Mean Aluminum	1630.0	50.0	930.0	673.3	1180.0
Area Mean Iron	483.3	50.0	195.0	166.7	292.5
Area Mean Arsenic	14.7	17.0	18.0	15.3	11.7

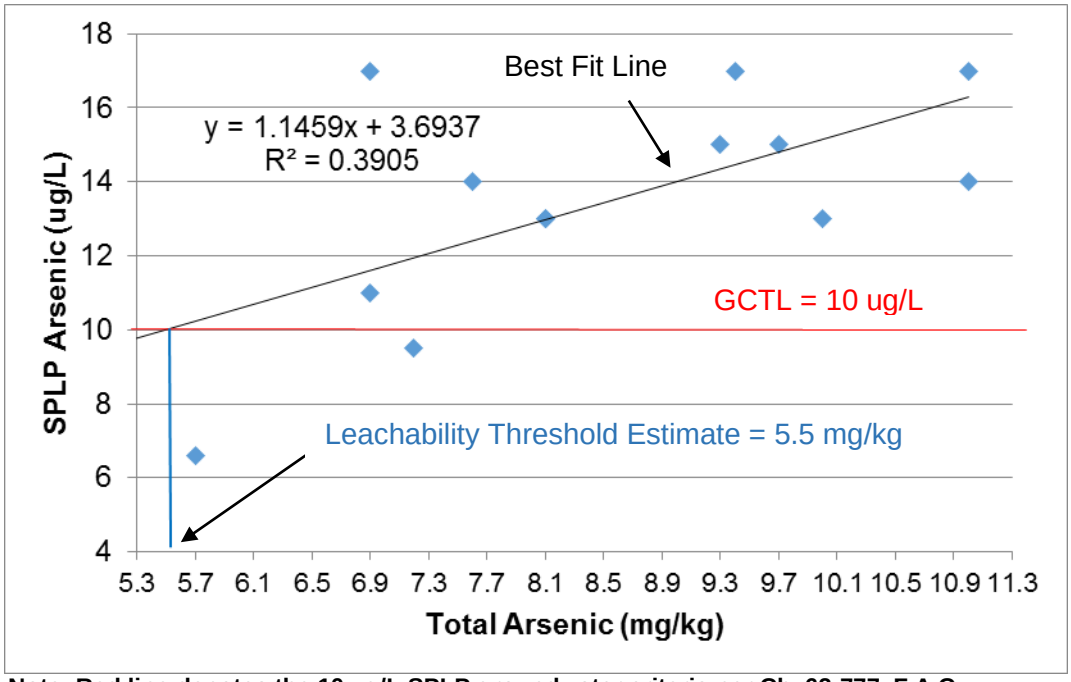
Table 16
Fine Fraction Sample SPLP Area Mean Composite Results

SPLP (µg/L) Fine Fraction Samples	Area 1	Area 3	Area 5	Area 6	Area 7
Area Mean Aluminum	563.3	230.0	875.0	450.0	1095.0
Area Mean Iron	170.0	50.0	230.0	123.3	325.0
Area Mean Arsenic	15.3	17.0	14.0	11.5	12.4

Based on the comparison of the SPLP results to the SPLP groundwater criteria shown above, the potential for leaching of arsenic, iron, and aluminum from soils dredged from Lake Seminole to groundwater was established. Therefore, the County, on a voluntary basis, directed Amec Foster Wheeler to evaluate the soil arsenic, iron and aluminum data to determine the total concentration of a contaminant in soil above which the appropriate leachability test indicates the potential for leaching to groundwater at concentrations above acceptable criteria on a site-specific basis (FDEP 2009). Using the analytical methods suggested in the FDEP (2009) guidance document that was previously described in the section above, total metals concentrations were regressed against SPLP data for the each of the associated metals of concern.

The linear relationships developed for the bulk samples did not show an acceptable correlation allowing for regression analysis for arsenic, aluminum or iron. Additionally, the fine fraction data did not provide a suitable regression fit to establish linear relationships for aluminum or iron. However, results from the fine fraction arsenic samples provided an acceptable and statistically significant correlation for regression analysis (p = 0.02), which is shown in **Figure 2**. Based on the regression relationship and equation established between total arsenic and arsenic SPLP, the alternative site-specific arsenic leachability threshold developed by this analysis was calculated to be 5.5 mg/kg as shown by the vertical blue line in **Figure 2**. According to the FDEP (2009) guidance, the alternative site-specific arsenic leachability threshold of 5.5 mg/kg developed here becomes the site-specific soil cleanup target level for protection of groundwater.

Figure 2
Total Arsenic vs. SPLP (Fine Fraction) Alternative Site-Specific Leachability Threshold Analysis

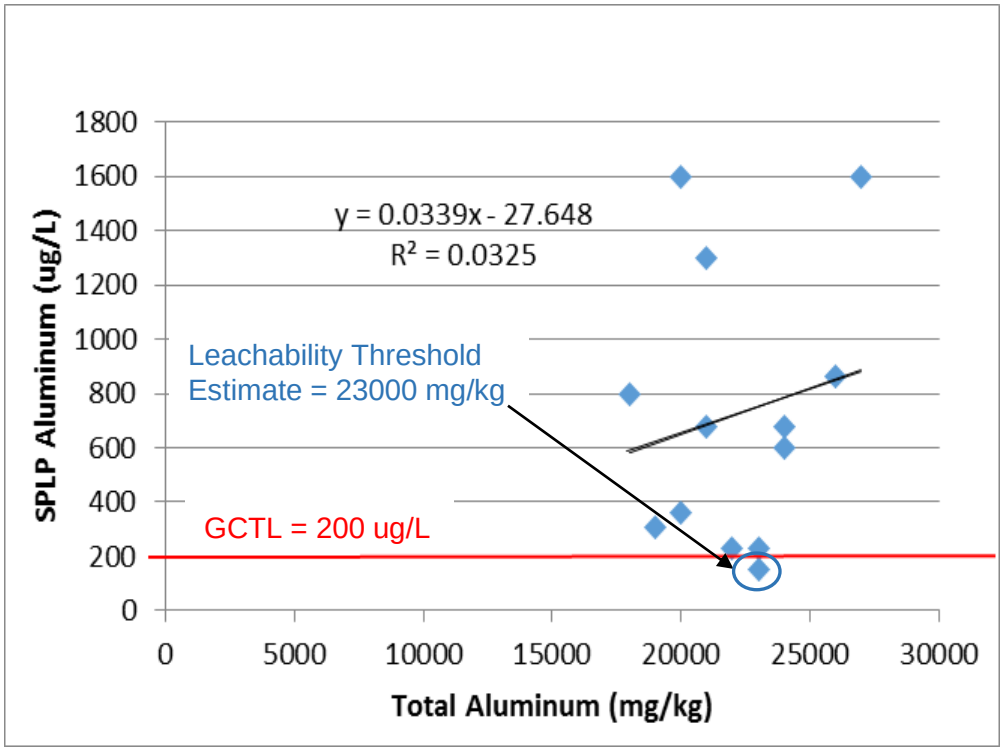


Note: Red line denotes the 10 µg/L SPLP groundwater criteria per Ch. 62-777, F.A.C.
Blue line indicates site-specific arsenic groundwater leachability threshold.

Based on the FDEP guidance document recommendations to establish alternative site-specific groundwater leachability thresholds for datasets that do not show an acceptable correlation allowing for regression analysis, as in the case of aluminum, Amec Foster Wheeler used the FDEP's recommendation to designate the alternative site-specific leachability soil cleanup level threshold based on the highest contaminant concentration having a corresponding SPLP value that is below the applicable groundwater criteria (i.e. 200 µg/L), which is shown in **Figure 3**. The alternative site-specific aluminum leachability threshold of 23,000 mg/kg designated here becomes the site-specific soil cleanup target level for protection of groundwater.

An alternative site-specific groundwater leachability threshold could not be established for iron. The regression analysis for iron yielded a negative relationship, which cannot be used to estimate an alternative threshold. Therefore the default GCTL for iron SPLP of 300 µg/L will be maintained as the groundwater protection criteria.

Figure 3
Total Aluminum vs. SPLP (Fine Fraction) Alternative Site-Specific Leachability Threshold Analysis



Note: Red line denotes the 200 µg/L SPLP groundwater criteria per Ch. 62-777, F.A.C. Blue circle indicates point value that is designated as the site-specific arsenic groundwater leachability threshold.

Metals Enrichment Assessment

Arsenic concentrations in uncontaminated Florida lake sediments can vary by orders of magnitude depending on the sediments' mineralogy, grain size, and organic content (FDEP, 2002) thus, further evaluation was warranted. The FDEP (2002) developed an interpretive tool that utilizes the relationship between metals and a reference element, in this case aluminum, for sediment data to describe metal/aluminum linear regressions and prediction limits. The tool was employed to determine if the total arsenic concentration in Lake Seminole sediments is naturally occurring and not due to contamination (FDEP 2002). The prediction limits provide a valid statistical estimate of the range of metal concentrations one can expect from uncontaminated sediments in Florida freshwater sediments (FDEP 2002). Therefore, a comparison of sediment samples from the August 2014 field efforts at Lake Seminole with the prediction limits established by FDEP were used to determine if the arsenic concentrations in Lake Seminole sediments exceed expected natural ranges. Results of the relationship between aluminum and arsenic, including the 95% prediction limits expected from uncontaminated sediments are summarized in **Figures 4 and 5** for the bulk and fine fractions, respectively. Arsenic concentrations for both bulk and fine fraction samples fell entirely within the range of upper and lower 95% confidence limits for arsenic background (naturally occurring). Therefore, it can be concluded that arsenic is within the expected natural range and the levels of total arsenic from Lake Seminole do not indicate any restriction on the planned beneficial reuse of these materials.

Figure 4
Lake Seminole Sediment Arsenic/Aluminum Regression Lines with the 95% Prediction Limits (Bulk Sample)

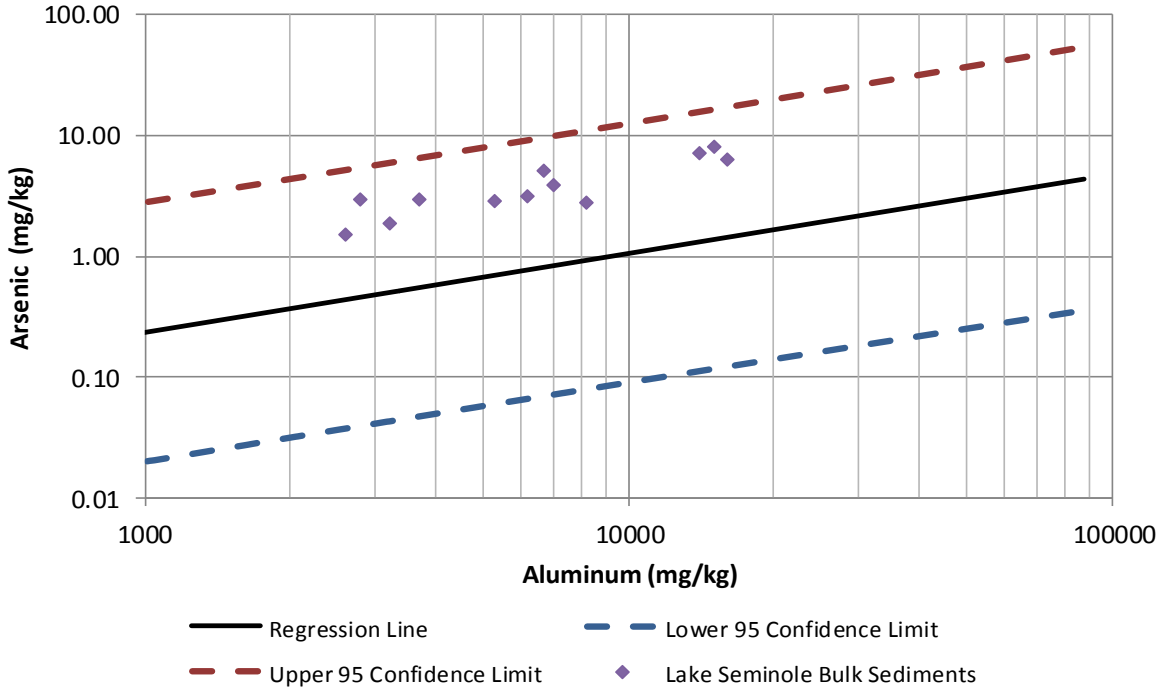
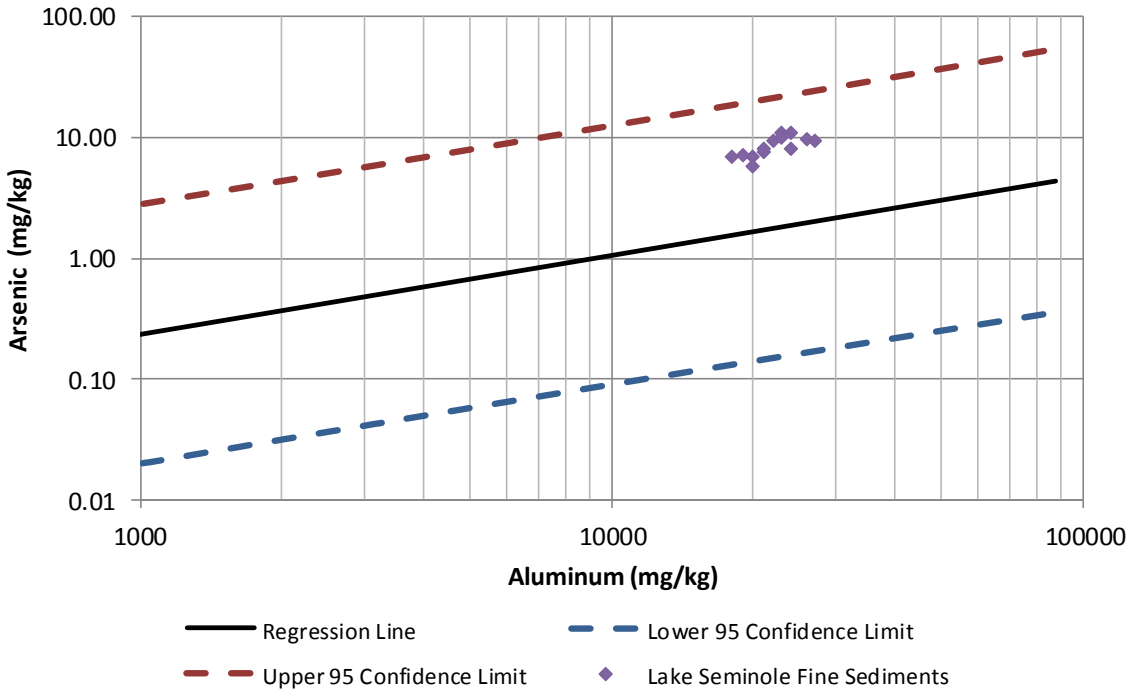


Figure 5
Lake Seminole Sediment Arsenic/Aluminum Regression Lines with the 95% Prediction Limits (Fine Sample Fraction)



3.0 DISCUSSION AND SUMMARY

Extensive sampling and analysis has been performed to characterize potential contamination of sediments from Lake Seminole, Pinellas County, Florida. There was no indication of contamination for any of the extensive list of common sediment contaminants evaluated with the potential exception of total arsenic and leachable arsenic, aluminum and iron. Although, leachability potential was not found to be significant and does not demonstrate potential harm based on the levels observed in the data. This conclusion will need to be evaluated and will require concurrence from the FDEP to determine the appropriate path for safe and proper disposal of the dredge material, which would occur at either an pre-approved beneficial reuse location or a Class III lined landfill facility.

Consequently additional analyses were performed targeting these potential contaminants to determine the extent of potential contamination. Based on the additional potential contamination assessments, the GCTL for iron should be maintained as the default 200 µg/L as determined by SPLP extraction methods, and the following alternative site-specific GCTLs were established and are proposed to be protective of groundwater:

- Arsenic: 5.5 mg/kg
- Aluminum: 23,000 mg/kg

FDEP (2004) refers to Townsend et al. (2002) to support statewide guidance encouraging the beneficial reuse of stormwater system sediments, which have similar levels of leachable aluminum as observed in Lake Seminole sediments. According to results obtained by Townsend et al. (2002) and FDEP guidance (FDEP 2004), concentrations of leachable aluminum observed in Lake Seminole sediments are consistent with leachable aluminum concentrations from natural uncontaminated background soils and stormwater pond sediments in Florida. Results from Lake Seminole sediments are compared with FDEP's (2004) results in **Table 17,** which shows that aluminum leachate from Lake Seminole sediments are at concentrations within the range observed in stormwater pond sediments and natural, uncontaminated soils of Florida. FDEP (2004) supports the beneficial reuse of material or Class III lined landfill disposal with similar levels of leachable aluminum because the levels are considered natural.

Table 17
Typical Concentration of Aluminum in SPLP Leachates

Material	Number of Samples	Concentration of Aluminum in SPLP leachate (µg/L)		
		Minimum	Average	Maximum
Lake Seminole Sediments	13	500	1040	4600
Stormwater Pond Sediments	15	<200	1320	4580
Natural Soils	20	<200	1880	7030

The finding of similar levels of leachable aluminum in natural soils uncontaminated by industrial sources supports the conclusion that Lake Seminole sediments are not contaminated by leachable aluminum. Rather, natural uncontaminated soils in Florida routinely produce a leachate by the SPLP method exceeding the GCTL of 200 µg/L; and Lake Seminole sediments have concentrations of aluminum in SPLP leachates similar to natural uncontaminated soils.

There are many natural sources of metals in sediments, which include physical processes such as the weathering of rocks, organic materials, and soils, which are transported and deposited into water resources such as lakes. To accommodate for the natural variability of metals in sediments and to detect enriched metal concentrations, metal concentrations can be normalized to aluminum or iron, which are reference elements that originate from non-anthropogenic sources. For this sampling program, aluminum was relied upon as the reference element to employ the metal to reference element normalization technique with a statewide database of "clean" reference sediments. Based on the results from utilizing the interpretive tool, it was determined that the levels of total arsenic should not be considered enriched, and are consistent with the prediction limits of natural uncontaminated background soils in Florida. This finding is supported by the FDEP (2002) assessment procedures.

4.0 REFERENCES

AMEC-BCI. 2011. Lake Seminole Sediment Removal Project Preliminary Design Report. Report prepared for Pinellas County.

FDEP. 2002. Development of an Interpretive Tool for Assessment of Metal Enrichment in Florida Freshwater Sediment.

FDEP. 2003. Evaluation of Analytical Data Characterizing Street Sweepings, Stormwater Sediments and Catch Basin Sediments, Final.

FDEP. 2004. Guidance for The Management of Street Sweepings, Catch Basin Sediments and Stormwater System Sediments.

Townsend, T. G., et al., 2002, Characterization of Stormwater Sediments, Catch Basin Sediments, and Street Sweepings in Florida for Disposal and Reuse, Final Report, Florida Center for Solid and Hazardous Waste Management, Gainesville, Florida.

Appendix A

Appendix A
Sampling Program: Full Analyte List and Number of Samples

Analyte	Method	Analyte Type	# SCTL Samples	# SPLP Samples
Antimony	EPA 6010	Metals	31	31
Arsenic	EPA 6010	Metals	31	31
Barium	EPA 6010	Metals	31	31
Beryllium	EPA 6010	Metals	31	31
Cadmium	EPA 6010	Metals	31	31
Chromium	EPA 6010	Metals	31	31
Copper	EPA 6010	Metals	31	31
Lead	EPA 6010	Metals	31	31
Nickel	EPA 6010	Metals	31	31
Selenium	EPA 6010	Metals	31	31
Silver	EPA 6010	Metals	31	31
Thallium	EPA 6010	Metals	31	31
Zinc	EPA 6010	Metals	31	
4,4'-DDD	EPA 8081	Organochlorine Pesticides	31	31
4,4'-DDE	EPA 8081	Organochlorine Pesticides	31	31
4,4'-DDT	EPA 8081	Organochlorine Pesticides	31	31
Aldrin	EPA 8081	Organochlorine Pesticides	31	31
alpha-BHC	EPA 8081	Organochlorine Pesticides	31	31
beta-BHC	EPA 8081	Organochlorine Pesticides	31	31
Chlordane (Technical)	EPA 8081	Organochlorine Pesticides	31	31
delta-BHC	EPA 8081	Organochlorine Pesticides	31	31
Dieldrin	EPA 8081	Organochlorine Pesticides	31	31
Endosulfan I	EPA 8081	Organochlorine Pesticides	31	31
Endosulfan II	EPA 8081	Organochlorine Pesticides	31	31
Endosulfan sulfate	EPA 8081	Organochlorine Pesticides	31	31
Endrin	EPA 8081	Organochlorine Pesticides	31	31
Endrin aldehyde	EPA 8081	Organochlorine Pesticides	31	31
Endrin ketone	EPA 8081	Organochlorine Pesticides	31	31
gamma-BHC (Lindane)	EPA 8081	Organochlorine Pesticides	31	31
Heptachlor	EPA 8081	Organochlorine Pesticides	31	31
Heptachlor epoxide	EPA 8081	Organochlorine Pesticides	31	31
Methoxychlor	EPA 8081	Organochlorine Pesticides	31	31
Toxaphene	EPA 8081	Organochlorine Pesticides	31	31
1,2-Diphenylhydrazine	EPA 8270	SemiVolatile Organic Compounds	31	31
1-Methylnaphthalene	EPA 8270	SemiVolatile Organic Compounds	31	31
2,4,6-Trichlorophenol	EPA 8270	SemiVolatile Organic Compounds	31	31
2,4-Dichlorophenol	EPA 8270	SemiVolatile Organic Compounds	31	31
2,4-Dimethylphenol	EPA 8270	SemiVolatile Organic Compounds	31	31
2,4-Dinitrophenol	EPA 8270	SemiVolatile Organic Compounds	31	31
2,4-Dinitrotoluene	EPA 8270	SemiVolatile Organic Compounds	31	31
2,6-Dinitrotoluene	EPA 8270	SemiVolatile Organic Compounds	31	31
2-Chloronaphthalene	EPA 8270	SemiVolatile Organic Compounds	31	31

Analyte	Method	Analyte Type	# SCTL Samples	# SPLP Samples
2-Chlorophenol	EPA 8270	SemiVolatile Organic Compounds	31	31
2-Methylnaphthalene	EPA 8270	SemiVolatile Organic Compounds	31	31
2-Nitrophenol	EPA 8270	SemiVolatile Organic Compounds	31	31
3,3'-Dichlorobenzidine	EPA 8270	SemiVolatile Organic Compounds	31	31
4,6-Dinitro-2-methylphenol	EPA 8270	SemiVolatile Organic Compounds	31	31
4-Bromophenylphenyl ether	EPA 8270	SemiVolatile Organic Compounds	31	31
4-Chloro-3-methylphenol	EPA 8270	SemiVolatile Organic Compounds	31	31
4-Chloroaniline	EPA 8270	SemiVolatile Organic Compounds	31	31
4-Chlorophenylphenyl ether	EPA 8270	SemiVolatile Organic Compounds	31	31
4-Nitrophenol	EPA 8270	SemiVolatile Organic Compounds	31	31
Acenaphthene	EPA 8270	SemiVolatile Organic Compounds	31	31
Acenaphthylene	EPA 8270	SemiVolatile Organic Compounds	31	31
Anthracene	EPA 8270	SemiVolatile Organic Compounds	31	31
Benzo(a)anthracene	EPA 8270	SemiVolatile Organic Compounds	31	31
Benzo(a)pyrene	EPA 8270	SemiVolatile Organic Compounds	31	31
Benzo(b)fluoranthene	EPA 8270	SemiVolatile Organic Compounds	31	31
Benzo(g,h,i)perylene	EPA 8270	SemiVolatile Organic Compounds	31	31
Benzo(k)fluoranthene	EPA 8270	SemiVolatile Organic Compounds	31	31
bis(2-Chloroethoxy)methane	EPA 8270	SemiVolatile Organic Compounds	31	31
bis(2-Chloroethyl) ether	EPA 8270	SemiVolatile Organic Compounds	31	31
bis(2-Chloroisopropyl) ether	EPA 8270	SemiVolatile Organic Compounds	31	31
bis(2-Ethylhexyl)phthalate	EPA 8270	SemiVolatile Organic Compounds	31	31
Butylbenzylphthalate	EPA 8270	SemiVolatile Organic Compounds	31	31
Chrysene	EPA 8270	SemiVolatile Organic Compounds	31	31
Dibenz(a,h)anthracene	EPA 8270	SemiVolatile Organic Compounds	31	31
Dibenzofuran	EPA 8270	SemiVolatile Organic Compounds	31	31
Diethylphthalate	EPA 8270	SemiVolatile Organic Compounds	31	31
Dimethylphthalate	EPA 8270	SemiVolatile Organic Compounds	31	31
Di-n-butylphthalate	EPA 8270	SemiVolatile Organic Compounds	31	31
Di-n-octylphthalate	EPA 8270	SemiVolatile Organic Compounds	31	31
Fluoranthene	EPA 8270	SemiVolatile Organic Compounds	31	31
Fluorene	EPA 8270	SemiVolatile Organic Compounds	31	31
Hexachloro-1,3-butadiene	EPA 8270	SemiVolatile Organic Compounds	31	31
Hexachlorobenzene	EPA 8270	SemiVolatile Organic Compounds	31	31
Hexachlorocyclopentadiene	EPA 8270	SemiVolatile Organic Compounds	31	31
Hexachloroethane	EPA 8270	SemiVolatile Organic Compounds	31	31
Indeno(1,2,3-cd)pyrene	EPA 8270	SemiVolatile Organic Compounds	31	31
Isophorone	EPA 8270	SemiVolatile Organic Compounds	31	31
Naphthalene	EPA 8270	SemiVolatile Organic Compounds	31	31
Nitrobenzene	EPA 8270	SemiVolatile Organic Compounds	31	31
N-Nitrosodimethylamine	EPA 8270	SemiVolatile Organic Compounds	31	31
N-Nitroso-di-n-propylamine	EPA 8270	SemiVolatile Organic Compounds	31	31
N-Nitrosodiphenylamine	EPA 8270	SemiVolatile Organic Compounds	31	31
Pentachlorophenol	EPA 8270	SemiVolatile Organic Compounds	31	31
Phenanthrene	EPA 8270	SemiVolatile Organic Compounds	31	31

Analyte	Method	Analyte Type	# SCTL Samples	# SPLP Samples
Phenol	EPA 8270	SemiVolatile Organic Compounds	31	31
Pyrene	EPA 8270	SemiVolatile Organic Compounds	31	31
1,1,1-Trichloroethane	EPA 8260	Volatile Organic Compounds	31	31
1,1,2-Trichloroethane	EPA 8260	Volatile Organic Compounds	31	31
1,1-Dichloroethane	EPA 8260	Volatile Organic Compounds	31	31
1,1-Dichloroethene	EPA 8260	Volatile Organic Compounds	31	31
1,2,4-Trichlorobenzene	EPA 8260	Volatile Organic Compounds	31	31
1,2-Dichlorobenzene	EPA 8260	Volatile Organic Compounds	31	31
1,2-Dichloroethane	EPA 8260	Volatile Organic Compounds	31	31
1,2-Dichloropropane	EPA 8260	Volatile Organic Compounds	31	31
1,3-Dichlorobenzene	EPA 8260	Volatile Organic Compounds	31	31
1,4-Dichlorobenzene	EPA 8260	Volatile Organic Compounds	31	31
2-Chloroethylvinyl ether	EPA 8260	Volatile Organic Compounds	31	31
Acrolein	EPA 8260	Volatile Organic Compounds	31	31
Acrylonitrile	EPA 8260	Volatile Organic Compounds	31	31
Benzene	EPA 8260	Volatile Organic Compounds	31	31
Bromoform	EPA 8260	Volatile Organic Compounds	31	31
Bromomethane	EPA 8260	Volatile Organic Compounds	31	31
Carbon tetrachloride	EPA 8260	Volatile Organic Compounds	31	31
Chlorobenzene	EPA 8260	Volatile Organic Compounds	31	31
Chloroethane	EPA 8260	Volatile Organic Compounds	31	31
Chloroform	EPA 8260	Volatile Organic Compounds	31	31
Chloromethane	EPA 8260	Volatile Organic Compounds	31	31
cis-1,2-Dichloroethene	EPA 8260	Volatile Organic Compounds	31	31
cis-1,3-Dichloropropene	EPA 8260	Volatile Organic Compounds	31	31
Dibromochloromethane	EPA 8260	Volatile Organic Compounds	31	31
Dichlorodifluoromethane	EPA 8260	Volatile Organic Compounds	31	31
Ethylbenzene	EPA 8260	Volatile Organic Compounds	31	31
Methylene Chloride	EPA 8260	Volatile Organic Compounds	31	31
Methyl-tert-butyl ether	EPA 8260	Volatile Organic Compounds	31	31
Tetrachloroethene	EPA 8260	Volatile Organic Compounds	31	31
Toluene	EPA 8260	Volatile Organic Compounds	31	31
trans-1,2-Dichloroethene	EPA 8260	Volatile Organic Compounds	31	31
trans-1,3-Dichloropropene	EPA 8260	Volatile Organic Compounds	31	31
Trichloroethene	EPA 8260	Volatile Organic Compounds	31	31
Vinyl chloride	EPA 8260	Volatile Organic Compounds	31	31
Xylene (Total)	EPA 8260	Volatile Organic Compounds	31	31
Mercury	EPA 7471	Other Substances	31	31
Cyanide	EPA 9012	Other Substances	31	
Phenolics, Total Recoverable	EPA 9066	Other Substances	31	
Sulfate	EPA 9034	Other Substances	45	
Chloride	EPA 9056A	Other Substances	45	
Nitrogen, Ammonia	EPA 350.1	Nutrients	45	
Nitrogen, Kjeldahl, Total	EPA 351.2	Nutrients	45	
Nitrogen, NO2 plus NO3	EPA 353.2	Nutrients	45	

Analyte	Method	Analyte Type	# SCTL Samples	# SPLP Samples
Phosphorus, Total (as P)	EPA 365.4	Nutrients	45	
Natural soil moisture content	ASTM D2216	Physical	14	
Specific gravity	ASTM D854	Physical	14	
pH	ASTM D4972	Physical	14	
Sediment - Sieve Analysis With Hydrometer	ASTM D422	Physical	14	

Appendix B

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-62441-1
Client Project/Site: Lake Seminole Sed Less Comp Location

For:
AMEC Environment & Infrastructure, Inc.
4919 W. Laurel St.
Tampa, Florida 33607

Attn: Mary Szafraniec

Authorized for release by:
9/19/2014 10:56:58 AM

Nancy Robertson, Project Manager II
(813)885-7427
nancy.robertson@testamericainc.com

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. 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.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-62441-1	Comp-1-1 B	Solid	08/22/14 16:00	08/23/14 09:16
660-62441-2	Comp-1-2 B	Solid	08/22/14 16:00	08/23/14 09:16
660-62441-3	Comp-1-3 B	Solid	08/22/14 16:00	08/23/14 09:16
660-62441-4	Comp 3-1B	Solid	08/22/14 16:00	08/23/14 09:16
660-62441-5	Comp 5-1B	Solid	08/22/14 16:00	08/23/14 09:16
660-62441-6	Comp 5-2B	Solid	08/22/14 16:00	08/23/14 09:16
660-62441-7	Comp 6-1B	Solid	08/22/14 16:00	08/23/14 09:16
660-62441-8	Comp 6-2B	Solid	08/22/14 16:00	08/23/14 09:16
660-62441-9	Comp 6-3B	Solid	08/22/14 16:00	08/23/14 09:16
660-62441-10	Comp 7-1B	Solid	08/22/14 16:00	08/23/14 09:16
660-62441-11	Comp 7-2B	Solid	08/22/14 16:00	08/23/14 09:16
660-62441-12	Comp 7-3B	Solid	08/22/14 16:00	08/23/14 09:16
660-62441-13	Comp 7-4B	Solid	08/22/14 16:00	08/23/14 09:16
660-62441-14	1D	Solid	08/22/14 16:00	08/23/14 09:16
660-62441-15	1E	Solid	08/22/14 16:00	08/23/14 09:16
660-62441-16	1F	Solid	08/22/14 16:00	08/23/14 09:16
660-62441-17	1G	Solid	08/22/14 16:00	08/23/14 09:16
660-62441-18	5E	Solid	08/22/14 16:00	08/23/14 09:16
660-62441-19	6F	Solid	08/22/14 16:00	08/23/14 09:16
660-62441-20	6G	Solid	08/22/14 16:00	08/23/14 09:16
660-62441-21	7F	Solid	08/22/14 16:00	08/23/14 09:16
660-62441-22	7G	Solid	08/22/14 16:00	08/23/14 09:16
660-62441-23	7H	Solid	08/22/14 16:00	08/23/14 09:16
660-62441-24	7I	Solid	08/22/14 16:00	08/23/14 09:16
660-62441-25	3A	Solid	08/22/14 16:00	08/23/14 09:16
660-62441-26	3B	Solid	08/22/14 16:00	08/23/14 09:16
660-62441-27	3C	Solid	08/22/14 16:00	08/23/14 09:16

Job ID: 660-62441-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-62441-1

Comments
No additional comments.

Receipt
The samples were received on 8/23/2014 9:16 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 5.7º C and 6.0º C.

GC/MS VOA
Method 8260B: The method blanks for batch numbers 346514, 346737 and 346789 had an estimated result between the MDL and PQL for Methylene chloride. Batch number 346815 had a result above the PQL. This compound is a common laboratory contaminant. The samples with a positive result should be considered suspect.

Method 8260B: The following analytes recovered outside control limits for the laboratory control sample duplicate (LCSD) associated with batch 346514: Acrolein and Methylene chloride. The recoveries were bias high and the samples were non detect, therefore, the data is reported and qualified with J3.

Method 8260B: The following analyte recovered outside control limits for the laboratory control sample (LCS) associated with batch 346815: Acrolein. The recovery was bias high and the samples were non detect, therefore, the data is reported and qualified with J3.

Method 8260B: The following analytes recovered outside control limits for the laboratory control sample/duplicate (LCS/LCSD) associated with batch 346789: Methylene chloride and MTBE. The recoveries were bias high and the samples were non detect, therefore, the data is reported and qualified with J3.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270D: The method blanks for batch numbers 111414 and 111482 had an estimated result between the MDL and PQL for Bis(2-ethylhexyl) phthalate. This compound is a common laboratory contaminant. The samples are qualified with V and the results should be considered suspect.

Method 8270D: Sample Comp-1-1 B was diluted due to the nature of the sample matrix. Elevated reporting limits (RLs) are provided. Due to the level of dilution required, surrogate recoveries are not reported. The sample is qualified with D1.

Method 8270D: Six 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 samples contained an allowable number of surrogate compounds outside limits: Comp-1-3 B (660-62441-3), Comp 5-2B (660-62441-6), Comp 6-1B (660-62441-7), Comp 6-2B (660-62441-8) and Comp 7-2B (660-62441-11). These results have been reported and qualified with J1.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method 8081B: Both surrogate recoveries for the following samples were outside control limits: Comp-1-2 B (660-62441-2), Comp 5-1B (660-62441-5), Comp 5-2B (660-62441-6), Comp 6-1B (660-62441-7), Comp 6-2B (660-62441-8), Comp 7-1B (660-62441-10), Comp 7-2B (660-62441-11), Comp 7-3B (660-62441-12), Comp 7-4B (660-62441-13). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed. These results have been reported and qualified with J1.

Method 8081B: 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 samples contained an allowable number of surrogate compounds outside limits: Comp-1-1 B (660-62441-1), Comp-1-3 B (660-62441-3), Comp 3-1B (660-62441-4), Comp 6-3B (660-62441-9), Comp 7-2B (660-62441-11), Comp 7-3B (660-62441-12). These results have been reported and qualified with J1.

Method 8081B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 346447 were outside control limits. Sample matrix

Job ID: 660-62441-1 (Continued)

Laboratory: TestAmerica Tampa (Continued)

interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. The sample is qualified with J3.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

Method 6020A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 347123 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. The sample is qualified with J3.

Method 6020A SPLP: The matrix spike duplicate (MSD) recoveries for batch 348758 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. The sample is qualified with J3.

No additional analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

Method 9056A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 346639 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. The sample is qualified with J3.

Method 9056A: The following samples were diluted due to the nature of the sample matrix.: Comp 3-1B (660-62441-4), Comp 5-2B (660-62441-6), Comp 6-1B (660-62441-7), Comp 6-2B (660-62441-8), Comp 6-3B (660-62441-9), Comp 7-1B (660-62441-10), Comp 7-2B (660-62441-11), Comp 7-3B (660-62441-12), Comp 7-4B (660-62441-13), Comp-1-1 B (660-62441-1), Comp-1-2 B (660-62441-2), Comp-1-3 B (660-62441-3). Elevated reporting limits (RLs) are provided.

Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 346328 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. The sample is qualified with J3.

Method 9056A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 346639 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. The sample is qualified with J3.

Method 351.2: The matrix spike duplicate (/MSD) recovery for batch 346906 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. The sample is qualified with J3.

Method 351.2: The matrix spike (/MS) recovery for batch 346907 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. The sample is qualified with J3.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

Method 3520C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 111368.

Method 3520C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 111449.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
J1	Estimated value; value may not be accurate. Surrogate recovery outside of criteria.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
V	Indicates that the analyte was detected at or above the method detection limit in both the sample and the associated method blank and the value of 10 times the blank value was equal to or greater than the associated sample value.
D1	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis
J1	Estimated value; value may not be accurate. Surrogate recovery outside of criteria.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J1	Estimated value; value may not be accurate. Surrogate recovery outside of criteria.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Metals

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

General Chemistry

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

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
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp-1-1 B — Lab Sample ID: 660-62441-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	6.2		5.0	5.0	ug/L	1		8260B	SPLP
Bis(2-ethylhexyl) phthalate	7.1	I V	12	3.0	ug/L	1		8270D	SPLP East
Butyl benzyl phthalate	5.7	I	12	1.2	ug/L	1		8270D	SPLP East
4,4'-DDE	0.0079	I	0.010	0.0011	mg/Kg	1	☼	8081B/8082A	Total/NA
Chloride	800		50	30	mg/Kg	5		9056A	Soluble
Arsenic	3.0		1.4	0.57	mg/Kg	1	☼	6020A	Total/NA
Barium	11		2.9	0.74	mg/Kg	1	☼	6020A	Total/NA
Beryllium	0.18	I	0.29	0.14	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.22	I	0.29	0.069	mg/Kg	1	☼	6020A	Total/NA
Chromium	10		2.9	1.4	mg/Kg	1	☼	6020A	Total/NA
Copper	8.8		2.9	1.1	mg/Kg	1	☼	6020A	Total/NA
Sodium	950		140	91	mg/Kg	1	☼	6020A	Total/NA
Nickel	4.9		2.9	1.4	mg/Kg	1	☼	6020A	Total/NA
Lead	27	J3	1.1	0.57	mg/Kg	1	☼	6020A	Total/NA
Thallium	0.14	I	0.57	0.14	mg/Kg	1	☼	6020A	Total/NA
Zinc	43	J3	11	3.1	mg/Kg	1	☼	6020A	Total/NA
Arsenic	13		2.5	2.5	ug/L	1		6020A	SPLP East
Barium	25		5.0	5.0	ug/L	1		6020A	SPLP East
Chromium	13		5.0	5.0	ug/L	1		6020A	SPLP East
Lead	5.5		1.5	1.5	ug/L	1		6020A	SPLP East
Zinc	29		20	20	ug/L	1		6020A	SPLP East
Ammonia (as N)	1400		91	39	mg/Kg	50	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	7200	J3	2800	1700	mg/Kg	10	☼	351.2	Total/NA
Total Phosphorus as P	2800		110	62	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: Comp-1-2 B — Lab Sample ID: 660-62441-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	0.050	I	0.54	0.044	mg/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	12	I V	14	3.5	ug/L	1		8270D	SPLP East
4,4'-DDE	0.00051	I	0.0028	0.00030	mg/Kg	1	☼	8081B/8082A	Total/NA
Chloride	180		50	30	mg/Kg	5		9056A	Soluble
Arsenic	0.93		0.36	0.14	mg/Kg	1	☼	6020A	Total/NA
Barium	3.6		0.72	0.19	mg/Kg	1	☼	6020A	Total/NA
Beryllium	0.053	I	0.072	0.036	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.077		0.072	0.017	mg/Kg	1	☼	6020A	Total/NA
Chromium	3.6		0.72	0.36	mg/Kg	1	☼	6020A	Total/NA
Copper	2.6		0.72	0.29	mg/Kg	1	☼	6020A	Total/NA
Sodium	260		36	23	mg/Kg	1	☼	6020A	Total/NA
Nickel	1.2		0.72	0.36	mg/Kg	1	☼	6020A	Total/NA
Lead	20		0.29	0.14	mg/Kg	1	☼	6020A	Total/NA
Thallium	0.040	I	0.14	0.036	mg/Kg	1	☼	6020A	Total/NA
Zinc	12		2.9	0.79	mg/Kg	1	☼	6020A	Total/NA
Arsenic	13		2.5	2.5	ug/L	1		6020A	SPLP East
Barium	8.2		5.0	5.0	ug/L	1		6020A	SPLP East
Mercury	0.025	I	0.031	0.013	mg/Kg	1	☼	7471A	Total/NA
Ammonia (as N)	39	J3	2.5	1.1	mg/Kg	5	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	1400		80	48	mg/Kg	1	☼	351.2	Total/NA
Total Phosphorus as P	330		32	18	mg/Kg	1	☼	365.4	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp-1-3 B — Lab Sample ID: 660-62441-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	0.10	I	1.5	0.094	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.17	I	1.5	0.14	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.16	I	1.5	0.12	mg/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	9.1	I V	12	3.0	ug/L	1		8270D	SPLP East
4,4'-DDE	0.0030	I	0.0076	0.00080	mg/Kg	1	☼	8081B/8082A	Total/NA
Chloride	220		49	30	mg/Kg	5		9056A	Soluble
Arsenic	5.1		1.1	0.44	mg/Kg	1	☼	6020A	Total/NA
Barium	25		2.2	0.57	mg/Kg	1	☼	6020A	Total/NA
Beryllium	0.45		0.22	0.11	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.49		0.22	0.052	mg/Kg	1	☼	6020A	Total/NA
Chromium	20		2.2	1.1	mg/Kg	1	☼	6020A	Total/NA
Copper	12		2.2	0.87	mg/Kg	1	☼	6020A	Total/NA
Sodium	730		110	70	mg/Kg	1	☼	6020A	Total/NA
Nickel	6.7		2.2	1.1	mg/Kg	1	☼	6020A	Total/NA
Lead	77		0.87	0.44	mg/Kg	1	☼	6020A	Total/NA
Selenium	1.4	I	2.2	1.1	mg/Kg	1	☼	6020A	Total/NA
Thallium	0.11	I	0.44	0.11	mg/Kg	1	☼	6020A	Total/NA
Zinc	62		8.7	2.4	mg/Kg	1	☼	6020A	Total/NA
Arsenic	18		2.5	2.5	ug/L	1		6020A	SPLP East
Barium	8.3		5.0	5.0	ug/L	1		6020A	SPLP East
Mercury	0.11		0.078	0.032	mg/Kg	1	☼	7471A	Total/NA
Ammonia (as N)	460		27	12	mg/Kg	20	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	4800		410	240	mg/Kg	2	☼	351.2	Total/NA
Total Phosphorus as P	1000		82	45	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: Comp 3-1B — Lab Sample ID: 660-62441-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	1.4		1.0	1.0	ug/L	1		8260B	SPLP
Bis(2-ethylhexyl) phthalate	8.4	I V	13	3.1	ug/L	1		8270D	SPLP East
4,4'-DDE	0.0027	I	0.0039	0.00042	mg/Kg	1	☼	8081B/8082A	Total/NA
Chloride	39	I	51	30	mg/Kg	5		9056A	Soluble
Arsenic	2.9		0.54	0.22	mg/Kg	1	☼	6020A	Total/NA
Barium	19		1.1	0.28	mg/Kg	1	☼	6020A	Total/NA
Beryllium	0.31		0.11	0.054	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.35		0.11	0.026	mg/Kg	1	☼	6020A	Total/NA
Chromium	16		1.1	0.54	mg/Kg	1	☼	6020A	Total/NA
Copper	11		1.1	0.43	mg/Kg	1	☼	6020A	Total/NA
Sodium	200		54	34	mg/Kg	1	☼	6020A	Total/NA
Nickel	5.3		1.1	0.54	mg/Kg	1	☼	6020A	Total/NA
Lead	53		0.43	0.22	mg/Kg	1	☼	6020A	Total/NA
Selenium	1.0	I	1.1	0.54	mg/Kg	1	☼	6020A	Total/NA
Thallium	0.066	I	0.22	0.054	mg/Kg	1	☼	6020A	Total/NA
Zinc	51		4.3	1.2	mg/Kg	1	☼	6020A	Total/NA
Arsenic	17		2.5	2.5	ug/L	1		6020A	SPLP East
Barium	12		5.0	5.0	ug/L	1		6020A	SPLP East
Mercury	0.095		0.044	0.018	mg/Kg	1	☼	7471A	Total/NA
Ammonia (as N)	140		7.0	3.0	mg/Kg	10	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	2300		190	110	mg/Kg	2	☼	351.2	Total/NA
Total Phosphorus as P	380		37	21	mg/Kg	1	☼	365.4	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp 5-1B — Lab Sample ID: 660-62441-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	5.8	I V	10	2.5	ug/L	1		8270D	SPLP East
Chloride	62		9.9	6.0	mg/Kg	1		9056A	Soluble
Arsenic	7.2		1.9	0.76	mg/Kg	1	☼	6020A	Total/NA
Barium	42		3.8	0.99	mg/Kg	1	☼	6020A	Total/NA
Beryllium	0.72		0.38	0.19	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.92		0.38	0.092	mg/Kg	1	☼	6020A	Total/NA
Chromium	40		3.8	1.9	mg/Kg	1	☼	6020A	Total/NA
Copper	53		3.8	1.5	mg/Kg	1	☼	6020A	Total/NA
Sodium	2900		190	120	mg/Kg	1	☼	6020A	Total/NA
Nickel	15		3.8	1.9	mg/Kg	1	☼	6020A	Total/NA
Lead	130		1.5	0.76	mg/Kg	1	☼	6020A	Total/NA
Selenium	3.5	I	3.8	1.9	mg/Kg	1	☼	6020A	Total/NA
Zinc	150		15	4.2	mg/Kg	1	☼	6020A	Total/NA
Arsenic	17		2.5	2.5	ug/L	1		6020A	SPLP East
Barium	5.2		5.0	5.0	ug/L	1		6020A	SPLP East
Lead	1.7		1.5	1.5	ug/L	1		6020A	SPLP East
Mercury	0.29		0.13	0.055	mg/Kg	1	☼	7471A	Total/NA
Ammonia (as N)	3400		120	51	mg/Kg	50	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	9300		780	470	mg/Kg	2	☼	351.2	Total/NA
Total Phosphorus as P	1700		160	85	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: Comp 5-2B — Lab Sample ID: 660-62441-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	24		5.0	5.0	ug/L	1		8260B	SPLP
Bis(2-ethylhexyl) phthalate	6.3	I V	11	2.7	ug/L	1		8270D	SPLP East
4,4'-DDE	0.0039	I	0.0083	0.00088	mg/Kg	1	☼	8081B/8082A	Total/NA
Chloride	240		49	30	mg/Kg	5		9056A	Soluble
Arsenic	6.4		1.2	0.48	mg/Kg	1	☼	6020A	Total/NA
Barium	58		2.4	0.62	mg/Kg	1	☼	6020A	Total/NA
Beryllium	0.89		0.24	0.12	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.69		0.24	0.057	mg/Kg	1	☼	6020A	Total/NA
Chromium	39		2.4	1.2	mg/Kg	1	☼	6020A	Total/NA
Copper	26		2.4	0.96	mg/Kg	1	☼	6020A	Total/NA
Sodium	3800		120	76	mg/Kg	1	☼	6020A	Total/NA
Nickel	12		2.4	1.2	mg/Kg	1	☼	6020A	Total/NA
Lead	45		0.96	0.48	mg/Kg	1	☼	6020A	Total/NA
Selenium	3.4		2.4	1.2	mg/Kg	1	☼	6020A	Total/NA
Thallium	0.16	I	0.48	0.12	mg/Kg	1	☼	6020A	Total/NA
Zinc	88		9.6	2.6	mg/Kg	1	☼	6020A	Total/NA
Arsenic	19		2.5	2.5	ug/L	1		6020A	SPLP East
Barium	6.1		5.0	5.0	ug/L	1		6020A	SPLP East
Lead	1.9		1.5	1.5	ug/L	1		6020A	SPLP East
Selenium	3.7		2.5	2.5	ug/L	1		6020A	SPLP East
Mercury	0.20		0.094	0.038	mg/Kg	1	☼	7471A	Total/NA
Ammonia (as N)	580		29	13	mg/Kg	20	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	4200		230	140	mg/Kg	1	☼	351.2	Total/NA
Total Phosphorus as P	1000		91	50	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: Comp 6-1B — Lab Sample ID: 660-62441-7

This Detection Summary does not include radiochemical test results.

Client Sample ID: Comp 6-1B (Continued)

Lab Sample ID: 660-62441-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	8.4	I V	11	2.7	ug/L	1		8270D	SPLP East
Chloride	130	J3	50	30	mg/Kg	5		9056A	Soluble
Arsenic	1.9		0.56	0.22	mg/Kg	1	☼	6020A	Total/NA
Barium	11		1.1	0.29	mg/Kg	1	☼	6020A	Total/NA
Beryllium	0.19		0.11	0.056	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.16		0.11	0.027	mg/Kg	1	☼	6020A	Total/NA
Chromium	9.1		1.1	0.56	mg/Kg	1	☼	6020A	Total/NA
Copper	9.2		1.1	0.45	mg/Kg	1	☼	6020A	Total/NA
Sodium	410		56	36	mg/Kg	1	☼	6020A	Total/NA
Nickel	3.6		1.1	0.56	mg/Kg	1	☼	6020A	Total/NA
Lead	19		0.45	0.22	mg/Kg	1	☼	6020A	Total/NA
Selenium	0.72	I	1.1	0.56	mg/Kg	1	☼	6020A	Total/NA
Zinc	34		4.5	1.2	mg/Kg	1	☼	6020A	Total/NA
Arsenic	11		2.5	2.5	ug/L	1		6020A	SPLP East
Mercury	0.067		0.043	0.018	mg/Kg	1	☼	7471A	Total/NA
Ammonia (as N)	100		3.8	1.6	mg/Kg	5	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	2700		250	150	mg/Kg	2	☼	351.2	Total/NA
Total Phosphorus as P	510		50	28	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: Comp 6-2B

Lab Sample ID: 660-62441-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	8.1	I V	10	2.5	ug/L	1		8270D	SPLP East
Butyl benzyl phthalate	4.7	I	10	0.98	ug/L	1		8270D	SPLP East
4,4'-DDE	0.00056	I	0.0033	0.00035	mg/Kg	1	☼	8081B/8082A	Total/NA
Chloride	330		49	30	mg/Kg	5		9056A	Soluble
Arsenic	1.5		0.43	0.17	mg/Kg	1	☼	6020A	Total/NA
Barium	8.1		0.87	0.23	mg/Kg	1	☼	6020A	Total/NA
Beryllium	0.17		0.087	0.043	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.077	I	0.087	0.021	mg/Kg	1	☼	6020A	Total/NA
Chromium	5.8		0.87	0.43	mg/Kg	1	☼	6020A	Total/NA
Copper	2.5		0.87	0.35	mg/Kg	1	☼	6020A	Total/NA
Sodium	520		43	28	mg/Kg	1	☼	6020A	Total/NA
Nickel	2.2		0.87	0.43	mg/Kg	1	☼	6020A	Total/NA
Lead	4.6		0.35	0.17	mg/Kg	1	☼	6020A	Total/NA
Selenium	0.52	I	0.87	0.43	mg/Kg	1	☼	6020A	Total/NA
Zinc	14		3.5	0.95	mg/Kg	1	☼	6020A	Total/NA
Arsenic	16		2.5	2.5	ug/L	1		6020A	SPLP East
Lead	3.9		1.5	1.5	ug/L	1		6020A	SPLP East
Selenium	11		2.5	2.5	ug/L	1		6020A	SPLP East
Zinc	41		20	20	ug/L	1		6020A	SPLP East
Mercury	0.027	I	0.036	0.015	mg/Kg	1	☼	7471A	Total/NA
Ammonia (as N)	60		2.9	1.3	mg/Kg	5	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	2400		190	110	mg/Kg	2	☼	351.2	Total/NA
Total Phosphorus as P	360		38	21	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: Comp 6-3B

Lab Sample ID: 660-62441-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	17		5.0	5.0	ug/L	1		8260B	SPLP

This Detection Summary does not include radiochemical test results.

Client Sample ID: Comp 6-3B (Continued)

Lab Sample ID: 660-62441-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	11	V	9.6	2.4	ug/L	1		8270D	SPLP East
4,4'-DDE	0.0024	I	0.010	0.0011	mg/Kg	1	☼	8081B/8082A	Total/NA
Dieldrin	0.0011	I	0.010	0.0010	mg/Kg	1	☼	8081B/8082A	Total/NA
Chloride	250		51	30	mg/Kg	5		9056A	Soluble
Silver	0.30	I	0.58	0.29	mg/Kg	1	☼	6020A	Total/NA
Arsenic	8.0		1.5	0.58	mg/Kg	1	☼	6020A	Total/NA
Barium	52		2.9	0.76	mg/Kg	1	☼	6020A	Total/NA
Beryllium	0.82		0.29	0.15	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.61		0.29	0.070	mg/Kg	1	☼	6020A	Total/NA
Chromium	40		2.9	1.5	mg/Kg	1	☼	6020A	Total/NA
Copper	50		2.9	1.2	mg/Kg	1	☼	6020A	Total/NA
Sodium	920		150	93	mg/Kg	1	☼	6020A	Total/NA
Nickel	16		2.9	1.5	mg/Kg	1	☼	6020A	Total/NA
Lead	100		1.2	0.58	mg/Kg	1	☼	6020A	Total/NA
Selenium	4.0		2.9	1.5	mg/Kg	1	☼	6020A	Total/NA
Thallium	0.18	I	0.58	0.15	mg/Kg	1	☼	6020A	Total/NA
Zinc	120		12	3.2	mg/Kg	1	☼	6020A	Total/NA
Arsenic	19		2.5	2.5	ug/L	1		6020A	SPLP East
Lead	2.0		1.5	1.5	ug/L	1		6020A	SPLP East
Mercury	0.28		0.11	0.046	mg/Kg	1	☼	7471A	Total/NA
Ammonia (as N)	370		18	7.8	mg/Kg	10	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	8600		2600	1500	mg/Kg	10	☼	351.2	Total/NA
Total Phosphorus as P	940		100	57	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: Comp 7-1B

Lab Sample ID: 660-62441-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	17	V	11	2.8	ug/L	1		8270D	SPLP East
4,4'-DDE	0.0022	I	0.0060	0.00064	mg/Kg	1	☼	8081B/8082A	Total/NA
Chloride	350		50	30	mg/Kg	5		9056A	Soluble
Arsenic	3.1		0.81	0.33	mg/Kg	1	☼	6020A	Total/NA
Barium	19		1.6	0.42	mg/Kg	1	☼	6020A	Total/NA
Beryllium	0.34		0.16	0.081	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.27		0.16	0.039	mg/Kg	1	☼	6020A	Total/NA
Chromium	15		1.6	0.81	mg/Kg	1	☼	6020A	Total/NA
Copper	16		1.6	0.65	mg/Kg	1	☼	6020A	Total/NA
Sodium	910		81	52	mg/Kg	1	☼	6020A	Total/NA
Nickel	6.8		1.6	0.81	mg/Kg	1	☼	6020A	Total/NA
Lead	25		0.65	0.33	mg/Kg	1	☼	6020A	Total/NA
Selenium	1.3	I	1.6	0.81	mg/Kg	1	☼	6020A	Total/NA
Zinc	46		6.5	1.8	mg/Kg	1	☼	6020A	Total/NA
Arsenic	14	J3	2.5	2.5	ug/L	1		6020A	SPLP East
Chromium	5.3	J3	5.0	5.0	ug/L	1		6020A	SPLP East
Mercury	0.10		0.059	0.024	mg/Kg	1	☼	7471A	Total/NA
Ammonia (as N)	200		11	4.6	mg/Kg	10	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	4900		350	210	mg/Kg	2	☼	351.2	Total/NA
Total Phosphorus as P	840		70	39	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: Comp 7-2B

Lab Sample ID: 660-62441-11

This Detection Summary does not include radiochemical test results.

Client Sample ID: Comp 7-2B (Continued)

Lab Sample ID: 660-62441-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	18	V	11	2.7	ug/L	1		8270D	SPLP East
4,4'-DDE	0.00095	I	0.0065	0.00068	mg/Kg	1	☼	8081B/8082A	Total/NA
Chloride	750		50	30	mg/Kg	5		9056A	Soluble
Sulfate	30	I	50	30	mg/Kg	5		9056A	Soluble
Arsenic	3.0		0.86	0.34	mg/Kg	1	☼	6020A	Total/NA
Barium	10		1.7	0.45	mg/Kg	1	☼	6020A	Total/NA
Beryllium	0.24		0.17	0.086	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.13	I	0.17	0.041	mg/Kg	1	☼	6020A	Total/NA
Chromium	8.6		1.7	0.86	mg/Kg	1	☼	6020A	Total/NA
Copper	3.8		1.7	0.69	mg/Kg	1	☼	6020A	Total/NA
Sodium	1900		86	55	mg/Kg	1	☼	6020A	Total/NA
Nickel	3.3		1.7	0.86	mg/Kg	1	☼	6020A	Total/NA
Lead	5.6		0.69	0.34	mg/Kg	1	☼	6020A	Total/NA
Zinc	12		6.9	1.9	mg/Kg	1	☼	6020A	Total/NA
Arsenic	13		2.5	2.5	ug/L	1		6020A	SPLP East
Zinc	23		20	20	ug/L	1		6020A	SPLP East
Mercury	0.11		0.064	0.026	mg/Kg	1	☼	7471A	Total/NA
Ammonia (as N)	130		5.7	2.5	mg/Kg	5	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	2900		160	98	mg/Kg	1	☼	351.2	Total/NA
Total Phosphorus as P	440		65	36	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: Comp 7-3B

Lab Sample ID: 660-62441-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	20		5.0	5.0	ug/L	1		8260B	SPLP
Pyrene	0.054	I	0.65	0.053	mg/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	36	V	11	2.8	ug/L	1		8270D	SPLP East
Chloride	380		100	60	mg/Kg	10		9056A	Soluble
Arsenic	2.8		0.47	0.19	mg/Kg	1	☼	6020A	Total/NA
Barium	18		0.94	0.24	mg/Kg	1	☼	6020A	Total/NA
Beryllium	0.48		0.094	0.047	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.038	I	0.094	0.023	mg/Kg	1	☼	6020A	Total/NA
Chromium	16		0.94	0.47	mg/Kg	1	☼	6020A	Total/NA
Copper	2.2		0.94	0.38	mg/Kg	1	☼	6020A	Total/NA
Sodium	1600		47	30	mg/Kg	1	☼	6020A	Total/NA
Nickel	4.9		0.94	0.47	mg/Kg	1	☼	6020A	Total/NA
Lead	7.4		0.38	0.19	mg/Kg	1	☼	6020A	Total/NA
Selenium	1.4		0.94	0.47	mg/Kg	1	☼	6020A	Total/NA
Zinc	7.8		3.8	1.0	mg/Kg	1	☼	6020A	Total/NA
Arsenic	11		2.5	2.5	ug/L	1		6020A	SPLP East
Selenium	3.8		2.5	2.5	ug/L	1		6020A	SPLP East
Mercury	0.048		0.035	0.014	mg/Kg	1	☼	7471A	Total/NA
Ammonia (as N)	53		3.0	1.3	mg/Kg	5	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	1500		84	50	mg/Kg	1	☼	351.2	Total/NA
Total Phosphorus as P	110		33	18	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: Comp 7-4B

Lab Sample ID: 660-62441-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	13	V	11	2.8	ug/L	1		8270D	SPLP East

This Detection Summary does not include radiochemical test results.

Client Sample ID: Comp 7-4B (Continued)

Lab Sample ID: 660-62441-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	0.0028	I J3	0.0070	0.00074	mg/Kg	1	☼	8081B/8082A	Total/NA
Chloride	320		50	30	mg/Kg	5		9056A	Soluble
Arsenic	3.9		1.0	0.41	mg/Kg	1	☼	6020A	Total/NA
Barium	23		2.1	0.53	mg/Kg	1	☼	6020A	Total/NA
Beryllium	0.40		0.21	0.10	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.29		0.21	0.049	mg/Kg	1	☼	6020A	Total/NA
Chromium	18		2.1	1.0	mg/Kg	1	☼	6020A	Total/NA
Copper	15		2.1	0.82	mg/Kg	1	☼	6020A	Total/NA
Sodium	950		100	66	mg/Kg	1	☼	6020A	Total/NA
Nickel	6.8		2.1	1.0	mg/Kg	1	☼	6020A	Total/NA
Lead	28		0.82	0.41	mg/Kg	1	☼	6020A	Total/NA
Selenium	1.5	I	2.1	1.0	mg/Kg	1	☼	6020A	Total/NA
Zinc	48		8.2	2.3	mg/Kg	1	☼	6020A	Total/NA
Arsenic	8.9		2.5	2.5	ug/L	1		6020A	SPLP East
Mercury	0.11		0.075	0.031	mg/Kg	1	☼	7471A	Total/NA
Ammonia (as N)	270		12	5.3	mg/Kg	10	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	5100		380	230	mg/Kg	2	☼	351.2	Total/NA
Total Phosphorus as P	1400		76	42	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: 1D

Lab Sample ID: 660-62441-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	95		75	45	mg/Kg	5	☼	9056A	Soluble
Sulfate	48	I	75	45	mg/Kg	5	☼	9056A	Soluble
Ammonia (as N)	24		0.90	0.39	mg/Kg	2	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	600		74	44	mg/Kg	1	☼	351.2	Total/NA
Total Phosphorus as P	150		30	16	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: 1E

Lab Sample ID: 660-62441-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	670		140	81	mg/Kg	5	☼	9056A	Soluble
Sulfate	140		140	81	mg/Kg	5	☼	9056A	Soluble
Ammonia (as N)	130		4.1	1.8	mg/Kg	5	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	2000		140	81	mg/Kg	1	☼	351.2	Total/NA
Total Phosphorus as P	480		54	30	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: 1F

Lab Sample ID: 660-62441-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1500		210	130	mg/Kg	5	☼	9056A	Soluble
Sulfate	310		210	130	mg/Kg	5	☼	9056A	Soluble
Ammonia (as N)	400		13	5.6	mg/Kg	10	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	4600		360	210	mg/Kg	2	☼	351.2	Total/NA
Total Phosphorus as P	840		71	39	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: 1G

Lab Sample ID: 660-62441-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	200		120	69	mg/Kg	5	☼	9056A	Soluble

This Detection Summary does not include radiochemical test results.

Client Sample ID: 1G (Continued) — Lab Sample ID: 660-62441-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	100	I	120	69	mg/Kg	5	☼	9056A	Soluble
Ammonia (as N)	200		7.0	3.0	mg/Kg	10	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	2000		110	69	mg/Kg	1	☼	351.2	Total/NA
Total Phosphorus as P	460		46	25	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: 5E — Lab Sample ID: 660-62441-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	200		69	41	mg/Kg	5	☼	9056A	Soluble
Sulfate	81		69	41	mg/Kg	5	☼	9056A	Soluble
Ammonia (as N)	16		0.83	0.36	mg/Kg	2	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	530		61	36	mg/Kg	1	☼	351.2	Total/NA
Total Phosphorus as P	270		24	13	mg/Kg	1	☼	365.4	Total/NA
Nitrate Nitrite as N	0.79	I	2.8	0.76	mg/Kg	1	☼	353.2	Soluble

Client Sample ID: 6F — Lab Sample ID: 660-62441-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1700		160	97	mg/Kg	5	☼	9056A	Soluble
Sulfate	190		160	97	mg/Kg	5	☼	9056A	Soluble
Ammonia (as N)	180		9.8	4.2	mg/Kg	10	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	3200		320	190	mg/Kg	2	☼	351.2	Total/NA
Total Phosphorus as P	560		63	35	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: 6G — Lab Sample ID: 660-62441-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	600		220	130	mg/Kg	5	☼	9056A	Soluble
Sulfate	2000		220	130	mg/Kg	5	☼	9056A	Soluble
Ammonia (as N)	320		13	5.8	mg/Kg	10	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	12000		2200	1300	mg/Kg	10	☼	351.2	Total/NA
Total Phosphorus as P	1400		88	49	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: 7F — Lab Sample ID: 660-62441-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	8500		440	260	mg/Kg	5	☼	9056A	Soluble
Sulfate	860		440	260	mg/Kg	5	☼	9056A	Soluble
Ammonia (as N)	410		13	5.8	mg/Kg	5	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	11000	J3	4100	2500	mg/Kg	10	☼	351.2	Total/NA
Total Phosphorus as P	1200		170	91	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: 7G — Lab Sample ID: 660-62441-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4300		200	120	mg/Kg	5	☼	9056A	Soluble
Sulfate	390		200	120	mg/Kg	5	☼	9056A	Soluble
Ammonia (as N)	130		6.0	2.6	mg/Kg	5	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	4700		350	210	mg/Kg	2	☼	351.2	Total/NA
Total Phosphorus as P	470		71	39	mg/Kg	1	☼	365.4	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: 7H — Lab Sample ID: 660-62441-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	420		92	55	mg/Kg	5	☼	9056A	Soluble
Sulfate	67	I	92	55	mg/Kg	5	☼	9056A	Soluble
Ammonia (as N)	49		2.8	1.2	mg/Kg	5	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	950		91	55	mg/Kg	1	☼	351.2	Total/NA
Total Phosphorus as P	88		37	20	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: 7I — Lab Sample ID: 660-62441-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1200		180	110	mg/Kg	5	☼	9056A	Soluble
Sulfate	180		180	110	mg/Kg	5	☼	9056A	Soluble
Ammonia (as N)	160		5.3	2.3	mg/Kg	5	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	2600		150	90	mg/Kg	1	☼	351.2	Total/NA
Total Phosphorus as P	640		60	33	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: 3A — Lab Sample ID: 660-62441-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	78	I	110	66	mg/Kg	5	☼	9056A	Soluble
Ammonia (as N)	76		3.3	1.4	mg/Kg	5	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	1400		90	54	mg/Kg	1	☼	351.2	Total/NA
Total Phosphorus as P	160		36	20	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: 3B — Lab Sample ID: 660-62441-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	200	I	240	150	mg/Kg	5	☼	9056A	Soluble
Sulfate	190	I	240	150	mg/Kg	5	☼	9056A	Soluble
Ammonia (as N)	440		15	6.3	mg/Kg	10	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	6700		410	250	mg/Kg	2	☼	351.2	Total/NA
Total Phosphorus as P	2400		82	45	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: 3C — Lab Sample ID: 660-62441-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	380		280	170	mg/Kg	5	☼	9056A	Soluble
Sulfate	250	I	280	170	mg/Kg	5	☼	9056A	Soluble
Ammonia (as N)	530		17	7.5	mg/Kg	10	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	8700		520	310	mg/Kg	2	☼	351.2	Total/NA
Total Phosphorus as P	2100		100	57	mg/Kg	1	☼	365.4	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: Comp-1-1 B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-1
Matrix: Solid
Percent Solids: 16.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.14	J3 U	0.59	0.14	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
Acrylonitrile	0.20	U	0.59	0.20	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
Benzene	0.0043	U	0.030	0.0043	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
Bromoform	0.0089	U	0.030	0.0089	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
Bromomethane	0.0089	U	0.030	0.0089	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
Carbon tetrachloride	0.0049	U	0.030	0.0049	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
Chlorobenzene	0.0057	U	0.030	0.0057	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
Chloroethane	0.016	U	0.030	0.016	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
Chloroform	0.0065	U	0.030	0.0065	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
Chloromethane	0.0059	U	0.030	0.0059	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
Dibromochloromethane	0.010	U	0.030	0.010	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
1,2-Dichlorobenzene	0.0077	U	0.030	0.0077	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
1,3-Dichlorobenzene	0.0095	U	0.030	0.0095	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
1,4-Dichlorobenzene	0.0044	U	0.030	0.0044	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
Dichlorodifluoromethane	0.0056	U	0.030	0.0056	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
1,1-Dichloroethane	0.0065	U	0.030	0.0065	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
1,2-Dichloroethane	0.0065	U	0.030	0.0065	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
cis-1,2-Dichloroethene	0.0083	U	0.030	0.0083	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
trans-1,2-Dichloroethene	0.0037	U	0.030	0.0037	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
1,1-Dichloroethene	0.0089	U	0.030	0.0089	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
1,2-Dichloropropane	0.0051	U	0.030	0.0051	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
cis-1,3-Dichloropropene	0.0049	U	0.030	0.0049	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
trans-1,3-Dichloropropene	0.0051	U	0.030	0.0051	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
Ethylbenzene	0.0077	U	0.030	0.0077	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
Methylene Chloride	0.0058	J3 U	0.030	0.0058	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
Methyl tert-butyl ether	0.0059	U	0.059	0.0059	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
Tetrachloroethene	0.011	U	0.030	0.011	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
Toluene	0.0050	U	0.030	0.0050	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
1,2,4-Trichlorobenzene	0.0053	U	0.030	0.0053	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
1,1,1-Trichloroethane	0.0035	U	0.030	0.0035	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
1,1,2-Trichloroethane	0.0077	U	0.030	0.0077	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
Trichloroethene	0.0077	U	0.030	0.0077	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
Vinyl chloride	0.0089	U	0.030	0.0089	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1
Xylenes, Total	0.0065	U	0.059	0.0065	mg/Kg	☼	08/29/14 08:00	08/29/14 15:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*65 - 130*	*08/29/14 08:00*	*08/29/14 15:51*	*1*
Dibromofluoromethane (Surr)	*86*		*65 - 130*	*08/29/14 08:00*	*08/29/14 15:51*	*1*
4-Bromofluorobenzene (Surr)	*113*		*65 - 130*	*08/29/14 08:00*	*08/29/14 15:51*	*1*
Toluene-d8 (Surr)	*96*		*65 - 130*	*08/29/14 08:00*	*08/29/14 15:51*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	U	20	20	ug/L			08/29/14 12:43	1
Acrylonitrile	20	U	20	20	ug/L			08/29/14 12:43	1
Benzene	1.0	U	1.0	1.0	ug/L			08/29/14 12:43	1
Bromoform	1.0	U	1.0	1.0	ug/L			08/29/14 12:43	1
Bromomethane	5.0	U	5.0	5.0	ug/L			08/29/14 12:43	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			08/29/14 12:43	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 12:43	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp-1-1 B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	5.0	U	5.0	5.0	ug/L			08/29/14 12:43	1
Chloroform	1.0	U	1.0	1.0	ug/L			08/29/14 12:43	1
Chloromethane	1.0	U	1.0	1.0	ug/L			08/29/14 12:43	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			08/29/14 12:43	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 12:43	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 12:43	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 12:43	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			08/29/14 12:43	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 12:43	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 12:43	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 12:43	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 12:43	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 12:43	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			08/29/14 12:43	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			08/29/14 12:43	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			08/29/14 12:43	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			08/29/14 12:43	1
Methylene Chloride	**6.2**		5.0	5.0	ug/L			08/29/14 12:43	1
Methyl tert-butyl ether	10	U	10	10	ug/L			08/29/14 12:43	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 12:43	1
Toluene	1.0	U	1.0	1.0	ug/L			08/29/14 12:43	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			08/29/14 12:43	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 12:43	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 12:43	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 12:43	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			08/29/14 12:43	1
Xylenes, Total	2.0	U	2.0	2.0	ug/L			08/29/14 12:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*08/29/14 12:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*		*08/29/14 12:43*	*1*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*		*08/29/14 12:43*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*08/29/14 12:43*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	2.5	U	20	2.5	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Acenaphthylene	2.2	U	20	2.2	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Anthracene	1.5	U	20	1.5	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Benzo[a]anthracene	1.6	U	20	1.6	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Benzo[a]pyrene	3.1	U	20	3.1	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Benzo[b]fluoranthene	2.3	U	20	2.3	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Benzo[g,h,i]perylene	1.3	U	20	1.3	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Benzo[k]fluoranthene	3.9	U	20	3.9	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Bis(2-chloroethoxy)methane	2.4	U	20	2.4	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Bis(2-chloroethyl)ether	2.7	U	20	2.7	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
bis (2-chloroisopropyl) ether	1.8	U	20	1.8	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Bis(2-ethylhexyl) phthalate	1.8	U	20	1.8	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
4-Bromophenyl phenyl ether	2.2	U	20	2.2	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Butyl benzyl phthalate	1.6	U	20	1.6	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp-1-1 B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-1
Matrix: Solid
Percent Solids: 16.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloroaniline	3.1	U	40	3.1	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
4-Chloro-3-methylphenol	2.1	U	20	2.1	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
2-Chloronaphthalene	2.1	U	20	2.1	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
2-Chlorophenol	2.4	U	20	2.4	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
4-Chlorophenyl phenyl ether	2.7	U	20	2.7	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Chrysene	1.3	U	20	1.3	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Dibenz(a,h)anthracene	2.4	U	20	2.4	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Dibenzofuran	2.0	U	20	2.0	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
3,3'-Dichlorobenzidine	1.7	U	40	1.7	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
2,4-Dichlorophenol	2.1	U	20	2.1	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Diethyl phthalate	2.2	U	20	2.2	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
2,4-Dimethylphenol	2.7	U	20	2.7	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Dimethyl phthalate	2.1	U	20	2.1	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Di-n-butyl phthalate	1.8	U	20	1.8	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
4,6-Dinitro-2-methylphenol	10	U	100	10	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
2,4-Dinitrophenol	50	U	100	50	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
2,4-Dinitrotoluene	3.0	U	20	3.0	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
2,6-Dinitrotoluene	2.5	U	20	2.5	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Di-n-octyl phthalate	1.8	U	20	1.8	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
1,2-Diphenylhydrazine(as Azobenzene)	2.1	U	20	2.1	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Fluoranthene	1.9	U	20	1.9	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Fluorene	2.2	U	20	2.2	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Hexachlorobenzene	2.4	U	20	2.4	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Hexachlorobutadiene	2.2	U	20	2.2	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Hexachlorocyclopentadiene	2.5	U	20	2.5	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Hexachloroethane	1.7	U	20	1.7	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Indeno[1,2,3-cd]pyrene	1.7	U	20	1.7	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Isophorone	2.0	U	20	2.0	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
2-Methylnaphthalene	2.3	U	20	2.3	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
1-Methylnaphthalene	1.9	U	20	1.9	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Naphthalene	1.8	U	20	1.8	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Nitrobenzene	1.6	U	20	1.6	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
2-Nitrophenol	2.5	U	20	2.5	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
4-Nitrophenol	20	U	100	20	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
N-Nitrosodimethylamine	7.3	U	20	7.3	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
N-Nitrosodi-n-propylamine	1.9	U	20	1.9	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
N-Nitrosodiphenylamine	2.0	U	20	2.0	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Pentachlorophenol	20	U	100	20	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Phenanthrene	1.6	U	20	1.6	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Phenol	2.1	U	20	2.1	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
Pyrene	1.6	U	20	1.6	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10
2,4,6-Trichlorophenol	1.8	U	20	1.8	mg/Kg	☼	08/28/14 21:32	09/02/14 16:40	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*0*	*D1*	*45 - 129*	*08/28/14 21:32*	*09/02/14 16:40*	*10*
2-Fluorobiphenyl	*0*	*D1*	*41 - 116*	*08/28/14 21:32*	*09/02/14 16:40*	*10*
2-Fluorophenol (Surr)	*0*	*D1*	*39 - 114*	*08/28/14 21:32*	*09/02/14 16:40*	*10*
Terphenyl-d14 (Surr)	*0*	*D1*	*46 - 126*	*08/28/14 21:32*	*09/02/14 16:40*	*10*
Phenol-d5 (Surr)	*0*	*D1*	*38 - 122*	*08/28/14 21:32*	*09/02/14 16:40*	*10*

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp-1-1 B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-1
Matrix: Solid
Percent Solids: 16.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	*0*	*D1*	*37 - 115*	*08/28/14 21:32*	*09/02/14 16:40*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.4	U	12	1.4	ug/L		09/02/14 19:00	09/04/14 08:33	1
Acenaphthylene	1.0	U	12	1.0	ug/L		09/02/14 19:00	09/04/14 08:33	1
Anthracene	1.0	U	12	1.0	ug/L		09/02/14 19:00	09/04/14 08:33	1
Benzo[a]anthracene	1.0	U	12	1.0	ug/L		09/02/14 19:00	09/04/14 08:33	1
Benzo[a]pyrene	1.1	U	12	1.1	ug/L		09/02/14 19:00	09/04/14 08:33	1
Benzo[b]fluoranthene	0.95	U	12	0.95	ug/L		09/02/14 19:00	09/04/14 08:33	1
Benzo[g,h,i]perylene	2.3	U	12	2.3	ug/L		09/02/14 19:00	09/04/14 08:33	1
Benzo[k]fluoranthene	1.0	U	12	1.0	ug/L		09/02/14 19:00	09/04/14 08:33	1
Bis(2-chloroethoxy)methane	1.1	U	12	1.1	ug/L		09/02/14 19:00	09/04/14 08:33	1
Bis(2-chloroethyl)ether	2.3	U	12	2.3	ug/L		09/02/14 19:00	09/04/14 08:33	1
bis (2-chloroisopropyl) ether	1.3	U	12	1.3	ug/L		09/02/14 19:00	09/04/14 08:33	1
Bis(2-ethylhexyl) phthalate	**7.1**	**I V**	12	3.0	ug/L		09/02/14 19:00	09/04/14 08:33	1
4-Bromophenyl phenyl ether	1.2	U	12	1.2	ug/L		09/02/14 19:00	09/04/14 08:33	1
Butyl benzyl phthalate	**5.7**	**I**	12	1.2	ug/L		09/02/14 19:00	09/04/14 08:33	1
4-Chloroaniline	2.0	U	24	2.0	ug/L		09/02/14 19:00	09/04/14 08:33	1
4-Chloro-3-methylphenol	1.3	U	12	1.3	ug/L		09/02/14 19:00	09/04/14 08:33	1
2-Chloronaphthalene	1.7	U	12	1.7	ug/L		09/02/14 19:00	09/04/14 08:33	1
2-Chlorophenol	1.9	U	12	1.9	ug/L		09/02/14 19:00	09/04/14 08:33	1
4-Chlorophenyl phenyl ether	1.8	U	12	1.8	ug/L		09/02/14 19:00	09/04/14 08:33	1
Chrysene	1.2	U	12	1.2	ug/L		09/02/14 19:00	09/04/14 08:33	1
Dibenz(a,h)anthracene	2.7	U	12	2.7	ug/L		09/02/14 19:00	09/04/14 08:33	1
Dibenzofuran	1.2	U	12	1.2	ug/L		09/02/14 19:00	09/04/14 08:33	1
3,3'-Dichlorobenzidine	8.1	U	24	8.1	ug/L		09/02/14 19:00	09/04/14 08:33	1
2,4-Dichlorophenol	3.9	U	12	3.9	ug/L		09/02/14 19:00	09/04/14 08:33	1
Diethyl phthalate	1.1	U	12	1.1	ug/L		09/02/14 19:00	09/04/14 08:33	1
2,4-Dimethylphenol	4.5	U	12	4.5	ug/L		09/02/14 19:00	09/04/14 08:33	1
Dimethyl phthalate	1.5	U	12	1.5	ug/L		09/02/14 19:00	09/04/14 08:33	1
Di-n-butyl phthalate	2.3	U	12	2.3	ug/L		09/02/14 19:00	09/04/14 08:33	1
4,6-Dinitro-2-methylphenol	1.2	U	60	1.2	ug/L		09/02/14 19:00	09/04/14 08:33	1
2,4-Dinitrophenol	3.7	U	60	3.7	ug/L		09/02/14 19:00	09/04/14 08:33	1
2,4-Dinitrotoluene	2.0	U	12	2.0	ug/L		09/02/14 19:00	09/04/14 08:33	1
2,6-Dinitrotoluene	2.5	U	12	2.5	ug/L		09/02/14 19:00	09/04/14 08:33	1
Di-n-octyl phthalate	2.4	U	12	2.4	ug/L		09/02/14 19:00	09/04/14 08:33	1
1,2-Diphenylhydrazine(as Azobenzene)	1.2	U	12	1.2	ug/L		09/02/14 19:00	09/04/14 08:33	1
Fluoranthene	1.7	U	12	1.7	ug/L		09/02/14 19:00	09/04/14 08:33	1
Fluorene	1.1	U	12	1.1	ug/L		09/02/14 19:00	09/04/14 08:33	1
Hexachlorobenzene	1.2	U	12	1.2	ug/L		09/02/14 19:00	09/04/14 08:33	1
Hexachlorobutadiene	2.3	U	12	2.3	ug/L		09/02/14 19:00	09/04/14 08:33	1
Hexachlorocyclopentadiene	2.5	U	12	2.5	ug/L		09/02/14 19:00	09/04/14 08:33	1
Hexachloroethane	5.4	U	12	5.4	ug/L		09/02/14 19:00	09/04/14 08:33	1
Indeno[1,2,3-cd]pyrene	2.9	U	12	2.9	ug/L		09/02/14 19:00	09/04/14 08:33	1
Isophorone	1.0	U	12	1.0	ug/L		09/02/14 19:00	09/04/14 08:33	1
2-Methylnaphthalene	1.8	U	12	1.8	ug/L		09/02/14 19:00	09/04/14 08:33	1
1-Methylnaphthalene	3.1	U	12	3.1	ug/L		09/02/14 19:00	09/04/14 08:33	1

Client Sample ID: Comp-1-1 B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	1.7	U	12	1.7	ug/L		09/02/14 19:00	09/04/14 08:33	1
Nitrobenzene	1.9	U	12	1.9	ug/L		09/02/14 19:00	09/04/14 08:33	1
2-Nitrophenol	1.1	U	12	1.1	ug/L		09/02/14 19:00	09/04/14 08:33	1
4-Nitrophenol	2.5	U	60	2.5	ug/L		09/02/14 19:00	09/04/14 08:33	1
N-Nitrosodimethylamine	2.9	U	12	2.9	ug/L		09/02/14 19:00	09/04/14 08:33	1
N-Nitrosodi-n-propylamine	1.1	U	12	1.1	ug/L		09/02/14 19:00	09/04/14 08:33	1
N-Nitrosodiphenylamine	0.74	U	12	0.74	ug/L		09/02/14 19:00	09/04/14 08:33	1
Pentachlorophenol	1.3	U	60	1.3	ug/L		09/02/14 19:00	09/04/14 08:33	1
Phenanthrene	1.7	U	12	1.7	ug/L		09/02/14 19:00	09/04/14 08:33	1
Phenol	1.4	U	12	1.4	ug/L		09/02/14 19:00	09/04/14 08:33	1
Pyrene	1.2	U	12	1.2	ug/L		09/02/14 19:00	09/04/14 08:33	1
2,4,6-Trichlorophenol	1.4	U	12	1.4	ug/L		09/02/14 19:00	09/04/14 08:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*83*		*24 - 113*	*09/02/14 19:00*	*09/04/14 08:33*	*1*
2-Fluorophenol (Surr)	*83*		*12 - 105*	*09/02/14 19:00*	*09/04/14 08:33*	*1*
Nitrobenzene-d5 (Surr)	*85*		*26 - 107*	*09/02/14 19:00*	*09/04/14 08:33*	*1*
Phenol-d5 (Surr)	*79*		*17 - 111*	*09/02/14 19:00*	*09/04/14 08:33*	*1*
Terphenyl-d14 (Surr)	*91*		*36 - 127*	*09/02/14 19:00*	*09/04/14 08:33*	*1*
2,4,6-Tribromophenol (Surr)	*81*		*48 - 124*	*09/02/14 19:00*	*09/04/14 08:33*	*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	0.0011	U	0.010	0.0011	mg/Kg	☼	08/27/14 22:43	08/28/14 18:26	1
4,4'-DDE	**0.0079**	**I**	0.010	0.0011	mg/Kg	☼	08/27/14 22:43	08/28/14 18:26	1
4,4'-DDT	0.0013	U	0.010	0.0013	mg/Kg	☼	08/27/14 22:43	08/28/14 18:26	1
Aldrin	0.00091	U	0.010	0.00091	mg/Kg	☼	08/27/14 22:43	08/28/14 18:26	1
alpha-BHC	0.00085	U	0.010	0.00085	mg/Kg	☼	08/27/14 22:43	08/28/14 18:26	1
beta-BHC	0.0020	U	0.010	0.0020	mg/Kg	☼	08/27/14 22:43	08/28/14 18:26	1
Chlordane (technical)	0.018	U	0.10	0.018	mg/Kg	☼	08/27/14 22:43	08/28/14 18:26	1
delta-BHC	0.0011	U	0.010	0.0011	mg/Kg	☼	08/27/14 22:43	08/28/14 18:26	1
Dieldrin	0.0010	U	0.010	0.0010	mg/Kg	☼	08/27/14 22:43	08/28/14 18:26	1
Endosulfan I	0.0010	U	0.010	0.0010	mg/Kg	☼	08/27/14 22:43	08/28/14 18:26	1
Endosulfan II	0.00091	U	0.010	0.00091	mg/Kg	☼	08/27/14 22:43	08/28/14 18:26	1
Endosulfan sulfate	0.0013	U	0.010	0.0013	mg/Kg	☼	08/27/14 22:43	08/28/14 18:26	1
Endrin	0.0013	U	0.010	0.0013	mg/Kg	☼	08/27/14 22:43	08/28/14 18:26	1
Endrin aldehyde	0.0013	U	0.010	0.0013	mg/Kg	☼	08/27/14 22:43	08/28/14 18:26	1
Endrin ketone	0.0012	U	0.010	0.0012	mg/Kg	☼	08/27/14 22:43	08/28/14 18:26	1
gamma-BHC (Lindane)	0.00085	U	0.010	0.00085	mg/Kg	☼	08/27/14 22:43	08/28/14 18:26	1
Heptachlor	0.0011	U	0.010	0.0011	mg/Kg	☼	08/27/14 22:43	08/28/14 18:26	1
Heptachlor epoxide	0.00097	U	0.010	0.00097	mg/Kg	☼	08/27/14 22:43	08/28/14 18:26	1
Methoxychlor	0.0017	U	0.010	0.0017	mg/Kg	☼	08/27/14 22:43	08/28/14 18:26	1
Toxaphene	0.033	U	1.0	0.033	mg/Kg	☼	08/27/14 22:43	08/28/14 18:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*51*	*J1*	*54 - 133*	*08/27/14 22:43*	*08/28/14 18:26*	*1*
Tetrachloro-m-xylene	*50*		*46 - 130*	*08/27/14 22:43*	*08/28/14 18:26*	*1*

Client Sample ID: Comp-1-1 B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	U	0.097	0.013	ug/L		09/03/14 06:14	09/03/14 15:33	1
4,4'-DDE	0.013	U	0.097	0.013	ug/L		09/03/14 06:14	09/03/14 15:33	1
4,4'-DDT	0.013	U	0.097	0.013	ug/L		09/03/14 06:14	09/03/14 15:33	1
Aldrin	0.0019	U	0.048	0.0019	ug/L		09/03/14 06:14	09/03/14 15:33	1
alpha-BHC	0.0058	U	0.048	0.0058	ug/L		09/03/14 06:14	09/03/14 15:33	1
beta-BHC	0.013	U	0.048	0.013	ug/L		09/03/14 06:14	09/03/14 15:33	1
delta-BHC	0.013	U	0.048	0.013	ug/L		09/03/14 06:14	09/03/14 15:33	1
Dieldrin	0.0019	U	0.097	0.0019	ug/L		09/03/14 06:14	09/03/14 15:33	1
Endosulfan I	0.013	U	0.048	0.013	ug/L		09/03/14 06:14	09/03/14 15:33	1
Endosulfan II	0.013	U	0.097	0.013	ug/L		09/03/14 06:14	09/03/14 15:33	1
Endosulfan sulfate	0.013	U	0.097	0.013	ug/L		09/03/14 06:14	09/03/14 15:33	1
Endrin	0.013	U	0.097	0.013	ug/L		09/03/14 06:14	09/03/14 15:33	1
Endrin aldehyde	0.013	U	0.097	0.013	ug/L		09/03/14 06:14	09/03/14 15:33	1
Endrin ketone	0.013	U	0.097	0.013	ug/L		09/03/14 06:14	09/03/14 15:33	1
gamma-BHC (Lindane)	0.013	U	0.048	0.013	ug/L		09/03/14 06:14	09/03/14 15:33	1
Heptachlor	0.013	U	0.048	0.013	ug/L		09/03/14 06:14	09/03/14 15:33	1
Heptachlor epoxide	0.013	U	0.048	0.013	ug/L		09/03/14 06:14	09/03/14 15:33	1
Methoxychlor	0.013	U	0.48	0.013	ug/L		09/03/14 06:14	09/03/14 15:33	1
Chlordane (technical)	0.33	U	0.97	0.33	ug/L		09/03/14 06:14	09/03/14 15:33	1
Toxaphene	0.66	U	4.8	0.66	ug/L		09/03/14 06:14	09/03/14 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*27*		*20 - 142*	*09/03/14 06:14*	*09/03/14 15:33*	*1*
Tetrachloro-m-xylene	*93*		*22 - 134*	*09/03/14 06:14*	*09/03/14 15:33*	*1*

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**800**		50	30	mg/Kg			08/29/14 14:36	5
Sulfate	30	U	50	30	mg/Kg			08/29/14 14:36	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.29	U	0.57	0.29	mg/Kg	☼	08/26/14 09:51	09/03/14 04:13	1
Arsenic	**3.0**		1.4	0.57	mg/Kg	☼	08/26/14 09:51	09/03/14 04:13	1
Barium	**11**		2.9	0.74	mg/Kg	☼	08/26/14 09:51	09/03/14 04:13	1
Beryllium	**0.18**	**I**	0.29	0.14	mg/Kg	☼	08/26/14 09:51	09/03/14 04:13	1
Cadmium	**0.22**	**I**	0.29	0.069	mg/Kg	☼	08/26/14 09:51	09/03/14 04:13	1
Chromium	**10**		2.9	1.4	mg/Kg	☼	08/26/14 09:51	09/03/14 04:13	1
Copper	**8.8**		2.9	1.1	mg/Kg	☼	08/26/14 09:51	09/03/14 04:13	1
Sodium	**950**		140	91	mg/Kg	☼	08/26/14 09:51	09/03/14 04:13	1
Nickel	**4.9**		2.9	1.4	mg/Kg	☼	08/26/14 09:51	09/03/14 04:13	1
Lead	**27**	**J3**	1.1	0.57	mg/Kg	☼	08/26/14 09:51	09/03/14 04:13	1
Antimony	2.9	J3 U	5.7	2.9	mg/Kg	☼	08/26/14 09:51	09/03/14 04:13	1
Selenium	1.4	U	2.9	1.4	mg/Kg	☼	08/26/14 09:51	09/03/14 04:13	1
Thallium	**0.14**	**I**	0.57	0.14	mg/Kg	☼	08/26/14 09:51	09/03/14 04:13	1
Zinc	**43**	**J3**	11	3.1	mg/Kg	☼	08/26/14 09:51	09/03/14 04:13	1

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 18:34	1

Client Sample ID: Comp-1-1 B — Lab Sample ID: 660-62441-1

Date Collected: 08/22/14 16:00 **Matrix: Solid**
Date Received: 08/23/14 09:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**		2.5	2.5	ug/L		09/12/14 15:52	09/12/14 18:34	1
Barium	**25**		5.0	5.0	ug/L		09/12/14 15:52	09/12/14 18:34	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 18:34	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 18:34	1
Chromium	**13**		5.0	5.0	ug/L		09/12/14 15:52	09/12/14 18:34	1
Copper	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 18:34	1
Nickel	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 18:34	1
Lead	**5.5**		1.5	1.5	ug/L		09/12/14 15:52	09/12/14 18:34	1
Antimony	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 18:34	1
Selenium	2.5	U	2.5	2.5	ug/L		09/12/14 15:52	09/12/14 18:34	1
Thallium	1.0	U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 18:34	1
Zinc	**29**		20	20	ug/L		09/12/14 15:52	09/12/14 18:34	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/02/14 09:24	09/03/14 09:51	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.042	U	0.10	0.042	mg/Kg	☼	08/26/14 13:39	08/27/14 15:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**1400**		91	39	mg/Kg	☼	08/27/14 08:39	08/27/14 17:49	50
Total Kjeldahl Nitrogen	**7200**	**J3**	2800	1700	mg/Kg	☼	09/02/14 16:09	09/03/14 14:27	10
Total Phosphorus as P	**2800**		110	62	mg/Kg	☼	09/02/14 16:09	09/03/14 13:33	1
Cyanide, Total	1.2	U	2.9	1.2	mg/Kg	☼	08/27/14 08:10	08/27/14 12:19	1
Phenolics, Total Recoverable	7.2	U	29	7.2	mg/Kg	☼	08/29/14 08:49	08/29/14 13:54	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	3.3	U	12	3.3	mg/Kg	☼		08/28/14 12:30	1

Client Sample ID: Comp-1-2 B — Lab Sample ID: 660-62441-2

Date Collected: 08/22/14 16:00 **Matrix: Solid**
Date Received: 08/23/14 09:16 **Percent Solids: 60.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.040	J3 U	0.16	0.040	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
Acrylonitrile	0.056	U	0.16	0.056	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
Benzene	0.0012	U	0.0082	0.0012	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
Bromoform	0.0025	U	0.0082	0.0025	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
Bromomethane	0.0025	U	0.0082	0.0025	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
Carbon tetrachloride	0.0014	U	0.0082	0.0014	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
Chlorobenzene	0.0016	U	0.0082	0.0016	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
Chloroethane	0.0044	U	0.0082	0.0044	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
Chloroform	0.0018	U	0.0082	0.0018	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
Chloromethane	0.0016	U	0.0082	0.0016	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
Dibromochloromethane	0.0028	U	0.0082	0.0028	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
1,2-Dichlorobenzene	0.0021	U	0.0082	0.0021	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1

Client Sample ID: Comp-1-2 B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-2
Matrix: Solid
Percent Solids: 60.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.0026	U	0.0082	0.0026	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
1,4-Dichlorobenzene	0.0012	U	0.0082	0.0012	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
Dichlorodifluoromethane	0.0015	U	0.0082	0.0015	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
1,1-Dichloroethane	0.0018	U	0.0082	0.0018	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
1,2-Dichloroethane	0.0018	U	0.0082	0.0018	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
cis-1,2-Dichloroethene	0.0023	U	0.0082	0.0023	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
trans-1,2-Dichloroethene	0.0010	U	0.0082	0.0010	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
1,1-Dichloroethene	0.0025	U	0.0082	0.0025	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
1,2-Dichloropropane	0.0014	U	0.0082	0.0014	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
cis-1,3-Dichloropropene	0.0014	U	0.0082	0.0014	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
trans-1,3-Dichloropropene	0.0014	U	0.0082	0.0014	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
Ethylbenzene	0.0021	U	0.0082	0.0021	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
Methylene Chloride	0.0016	J3 U	0.0082	0.0016	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
Methyl tert-butyl ether	0.0016	U	0.016	0.0016	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
Tetrachloroethene	0.0031	U	0.0082	0.0031	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
Toluene	0.0014	U	0.0082	0.0014	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
1,2,4-Trichlorobenzene	0.0015	U	0.0082	0.0015	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
1,1,1-Trichloroethane	0.00097	U	0.0082	0.00097	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
1,1,2-Trichloroethane	0.0021	U	0.0082	0.0021	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
Trichloroethene	0.0021	U	0.0082	0.0021	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
Vinyl chloride	0.0025	U	0.0082	0.0025	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1
Xylenes, Total	0.0018	U	0.016	0.0018	mg/Kg	☼	08/29/14 08:00	08/29/14 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*65 - 130*	*08/29/14 08:00*	*08/29/14 16:12*	*1*
Dibromofluoromethane (Surr)	*86*		*65 - 130*	*08/29/14 08:00*	*08/29/14 16:12*	*1*
4-Bromofluorobenzene (Surr)	*111*		*65 - 130*	*08/29/14 08:00*	*08/29/14 16:12*	*1*
Toluene-d8 (Surr)	*97*		*65 - 130*	*08/29/14 08:00*	*08/29/14 16:12*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	U	20	20	ug/L			08/29/14 13:05	1
Acrylonitrile	20	U	20	20	ug/L			08/29/14 13:05	1
Benzene	1.0	U	1.0	1.0	ug/L			08/29/14 13:05	1
Bromoform	1.0	U	1.0	1.0	ug/L			08/29/14 13:05	1
Bromomethane	5.0	U	5.0	5.0	ug/L			08/29/14 13:05	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			08/29/14 13:05	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 13:05	1
Chloroethane	5.0	U	5.0	5.0	ug/L			08/29/14 13:05	1
Chloroform	1.0	U	1.0	1.0	ug/L			08/29/14 13:05	1
Chloromethane	1.0	U	1.0	1.0	ug/L			08/29/14 13:05	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			08/29/14 13:05	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 13:05	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 13:05	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 13:05	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			08/29/14 13:05	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 13:05	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 13:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 13:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 13:05	1

Client Sample ID: Comp-1-2 B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 13:05	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			08/29/14 13:05	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			08/29/14 13:05	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			08/29/14 13:05	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			08/29/14 13:05	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			08/29/14 13:05	1
Methyl tert-butyl ether	10	U	10	10	ug/L			08/29/14 13:05	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 13:05	1
Toluene	1.0	U	1.0	1.0	ug/L			08/29/14 13:05	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			08/29/14 13:05	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 13:05	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 13:05	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 13:05	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			08/29/14 13:05	1
Xylenes, Total	2.0	U	2.0	2.0	ug/L			08/29/14 13:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*08/29/14 13:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*08/29/14 13:05*	*1*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*		*08/29/14 13:05*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*08/29/14 13:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.067	U	0.54	0.067	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Acenaphthylene	0.059	U	0.54	0.059	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Anthracene	0.041	U	0.54	0.041	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Benzo[a]anthracene	0.044	U	0.54	0.044	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Benzo[a]pyrene	0.085	U	0.54	0.085	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Benzo[b]fluoranthene	0.062	U	0.54	0.062	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Benzo[g,h,i]perylene	0.036	U	0.54	0.036	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Benzo[k]fluoranthene	0.11	U	0.54	0.11	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Bis(2-chloroethoxy)methane	0.064	U	0.54	0.064	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Bis(2-chloroethyl)ether	0.074	U	0.54	0.074	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
bis (2-chloroisopropyl) ether	0.049	U	0.54	0.049	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Bis(2-ethylhexyl) phthalate	0.048	U	0.54	0.048	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
4-Bromophenyl phenyl ether	0.059	U	0.54	0.059	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Butyl benzyl phthalate	0.043	U	0.54	0.043	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
4-Chloroaniline	0.085	U	1.1	0.085	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
4-Chloro-3-methylphenol	0.057	U	0.54	0.057	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
2-Chloronaphthalene	0.057	U	0.54	0.057	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
2-Chlorophenol	0.066	U	0.54	0.066	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
4-Chlorophenyl phenyl ether	0.072	U	0.54	0.072	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Chrysene	0.034	U	0.54	0.034	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Dibenz(a,h)anthracene	0.064	U	0.54	0.064	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Dibenzofuran	0.054	U	0.54	0.054	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
3,3'-Dichlorobenzidine	0.046	U	1.1	0.046	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
2,4-Dichlorophenol	0.057	U	0.54	0.057	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Diethyl phthalate	0.061	U	0.54	0.061	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
2,4-Dimethylphenol	0.072	U	0.54	0.072	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1

Client Sample ID: Comp-1-2 B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-2
Matrix: Solid
Percent Solids: 60.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	0.056	U	0.54	0.056	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Di-n-butyl phthalate	0.049	U	0.54	0.049	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
4,6-Dinitro-2-methylphenol	0.28	U	2.8	0.28	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
2,4-Dinitrophenol	1.4	U	2.8	1.4	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
2,4-Dinitrotoluene	0.080	U	0.54	0.080	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
2,6-Dinitrotoluene	0.069	U	0.54	0.069	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Di-n-octyl phthalate	0.048	U	0.54	0.048	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
1,2-Diphenylhydrazine(as Azobenzene)	0.056	U	0.54	0.056	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Fluoranthene	0.053	U	0.54	0.053	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Fluorene	0.059	U	0.54	0.059	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Hexachlorobenzene	0.064	U	0.54	0.064	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Hexachlorobutadiene	0.059	U	0.54	0.059	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Hexachlorocyclopentadiene	0.067	U	0.54	0.067	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Hexachloroethane	0.046	U	0.54	0.046	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Indeno[1,2,3-cd]pyrene	0.046	U	0.54	0.046	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Isophorone	0.054	U	0.54	0.054	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
2-Methylnaphthalene	0.062	U	0.54	0.062	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
1-Methylnaphthalene	0.051	U	0.54	0.051	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Naphthalene	0.049	U	0.54	0.049	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Nitrobenzene	0.043	U	0.54	0.043	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
2-Nitrophenol	0.067	U	0.54	0.067	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
4-Nitrophenol	0.54	U	2.8	0.54	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
N-Nitrosodimethylamine	0.20	U	0.54	0.20	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
N-Nitrosodi-n-propylamine	0.053	U	0.54	0.053	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
N-Nitrosodiphenylamine	0.054	U	0.54	0.054	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Pentachlorophenol	0.54	U	2.8	0.54	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Phenanthrene	0.044	U	0.54	0.044	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Phenol	0.056	U	0.54	0.056	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
Pyrene	**0.050**	**I**	0.54	0.044	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1
2,4,6-Trichlorophenol	0.048	U	0.54	0.048	mg/Kg	☼	08/28/14 21:32	09/02/14 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*64*		*45 - 129*	*08/28/14 21:32*	*09/02/14 17:05*	*1*
2-Fluorobiphenyl	*56*		*41 - 116*	*08/28/14 21:32*	*09/02/14 17:05*	*1*
2-Fluorophenol (Surr)	*63*		*39 - 114*	*08/28/14 21:32*	*09/02/14 17:05*	*1*
Terphenyl-d14 (Surr)	*61*		*46 - 126*	*08/28/14 21:32*	*09/02/14 17:05*	*1*
Phenol-d5 (Surr)	*64*		*38 - 122*	*08/28/14 21:32*	*09/02/14 17:05*	*1*
Nitrobenzene-d5 (Surr)	*64*		*37 - 115*	*08/28/14 21:32*	*09/02/14 17:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.7	U	14	1.7	ug/L		09/02/14 19:00	09/04/14 09:54	1
Acenaphthylene	1.2	U	14	1.2	ug/L		09/02/14 19:00	09/04/14 09:54	1
Anthracene	1.2	U	14	1.2	ug/L		09/02/14 19:00	09/04/14 09:54	1
Benzo[a]anthracene	1.2	U	14	1.2	ug/L		09/02/14 19:00	09/04/14 09:54	1
Benzo[a]pyrene	1.2	U	14	1.2	ug/L		09/02/14 19:00	09/04/14 09:54	1
Benzo[b]fluoranthene	1.1	U	14	1.1	ug/L		09/02/14 19:00	09/04/14 09:54	1
Benzo[g,h,i]perylene	2.6	U	14	2.6	ug/L		09/02/14 19:00	09/04/14 09:54	1
Benzo[k]fluoranthene	1.2	U	14	1.2	ug/L		09/02/14 19:00	09/04/14 09:54	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp-1-2 B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	1.3	U	14	1.3	ug/L		09/02/14 19:00	09/04/14 09:54	1
Bis(2-chloroethyl)ether	2.6	U	14	2.6	ug/L		09/02/14 19:00	09/04/14 09:54	1
bis (2-chloroisopropyl) ether	1.5	U	14	1.5	ug/L		09/02/14 19:00	09/04/14 09:54	1
Bis(2-ethylhexyl) phthalate	**12**	**I V**	14	3.5	ug/L		09/02/14 19:00	09/04/14 09:54	1
4-Bromophenyl phenyl ether	1.3	U	14	1.3	ug/L		09/02/14 19:00	09/04/14 09:54	1
Butyl benzyl phthalate	1.4	U	14	1.4	ug/L		09/02/14 19:00	09/04/14 09:54	1
4-Chloroaniline	2.4	U	28	2.4	ug/L		09/02/14 19:00	09/04/14 09:54	1
4-Chloro-3-methylphenol	1.5	U	14	1.5	ug/L		09/02/14 19:00	09/04/14 09:54	1
2-Chloronaphthalene	1.9	U	14	1.9	ug/L		09/02/14 19:00	09/04/14 09:54	1
2-Chlorophenol	2.2	U	14	2.2	ug/L		09/02/14 19:00	09/04/14 09:54	1
4-Chlorophenyl phenyl ether	2.1	U	14	2.1	ug/L		09/02/14 19:00	09/04/14 09:54	1
Chrysene	1.4	U	14	1.4	ug/L		09/02/14 19:00	09/04/14 09:54	1
Dibenz(a,h)anthracene	3.2	U	14	3.2	ug/L		09/02/14 19:00	09/04/14 09:54	1
Dibenzofuran	1.4	U	14	1.4	ug/L		09/02/14 19:00	09/04/14 09:54	1
3,3'-Dichlorobenzidine	9.4	U	28	9.4	ug/L		09/02/14 19:00	09/04/14 09:54	1
2,4-Dichlorophenol	4.6	U	14	4.6	ug/L		09/02/14 19:00	09/04/14 09:54	1
Diethyl phthalate	1.3	U	14	1.3	ug/L		09/02/14 19:00	09/04/14 09:54	1
2,4-Dimethylphenol	5.3	U	14	5.3	ug/L		09/02/14 19:00	09/04/14 09:54	1
Dimethyl phthalate	1.8	U	14	1.8	ug/L		09/02/14 19:00	09/04/14 09:54	1
Di-n-butyl phthalate	2.6	U	14	2.6	ug/L		09/02/14 19:00	09/04/14 09:54	1
4,6-Dinitro-2-methylphenol	1.4	U	69	1.4	ug/L		09/02/14 19:00	09/04/14 09:54	1
2,4-Dinitrophenol	4.3	U	69	4.3	ug/L		09/02/14 19:00	09/04/14 09:54	1
2,4-Dinitrotoluene	2.4	U	14	2.4	ug/L		09/02/14 19:00	09/04/14 09:54	1
2,6-Dinitrotoluene	2.9	U	14	2.9	ug/L		09/02/14 19:00	09/04/14 09:54	1
Di-n-octyl phthalate	2.8	U	14	2.8	ug/L		09/02/14 19:00	09/04/14 09:54	1
1,2-Diphenylhydrazine(as Azobenzene)	1.4	U	14	1.4	ug/L		09/02/14 19:00	09/04/14 09:54	1
Fluoranthene	1.9	U	14	1.9	ug/L		09/02/14 19:00	09/04/14 09:54	1
Fluorene	1.3	U	14	1.3	ug/L		09/02/14 19:00	09/04/14 09:54	1
Hexachlorobenzene	1.4	U	14	1.4	ug/L		09/02/14 19:00	09/04/14 09:54	1
Hexachlorobutadiene	2.6	U	14	2.6	ug/L		09/02/14 19:00	09/04/14 09:54	1
Hexachlorocyclopentadiene	2.9	U	14	2.9	ug/L		09/02/14 19:00	09/04/14 09:54	1
Hexachloroethane	6.3	U	14	6.3	ug/L		09/02/14 19:00	09/04/14 09:54	1
Indeno[1,2,3-cd]pyrene	3.3	U	14	3.3	ug/L		09/02/14 19:00	09/04/14 09:54	1
Isophorone	1.2	U	14	1.2	ug/L		09/02/14 19:00	09/04/14 09:54	1
2-Methylnaphthalene	2.1	U	14	2.1	ug/L		09/02/14 19:00	09/04/14 09:54	1
1-Methylnaphthalene	3.6	U	14	3.6	ug/L		09/02/14 19:00	09/04/14 09:54	1
Naphthalene	1.9	U	14	1.9	ug/L		09/02/14 19:00	09/04/14 09:54	1
Nitrobenzene	2.2	U	14	2.2	ug/L		09/02/14 19:00	09/04/14 09:54	1
2-Nitrophenol	1.3	U	14	1.3	ug/L		09/02/14 19:00	09/04/14 09:54	1
4-Nitrophenol	2.9	U	69	2.9	ug/L		09/02/14 19:00	09/04/14 09:54	1
N-Nitrosodimethylamine	3.3	U	14	3.3	ug/L		09/02/14 19:00	09/04/14 09:54	1
N-Nitrosodi-n-propylamine	1.3	U	14	1.3	ug/L		09/02/14 19:00	09/04/14 09:54	1
N-Nitrosodiphenylamine	0.86	U	14	0.86	ug/L		09/02/14 19:00	09/04/14 09:54	1
Pentachlorophenol	1.5	U	69	1.5	ug/L		09/02/14 19:00	09/04/14 09:54	1
Phenanthrene	1.9	U	14	1.9	ug/L		09/02/14 19:00	09/04/14 09:54	1
Phenol	1.7	U	14	1.7	ug/L		09/02/14 19:00	09/04/14 09:54	1
Pyrene	1.4	U	14	1.4	ug/L		09/02/14 19:00	09/04/14 09:54	1
2,4,6-Trichlorophenol	1.7	U	14	1.7	ug/L		09/02/14 19:00	09/04/14 09:54	1

Client Sample ID: Comp-1-2 B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-2
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	87		24 - 113	09/02/14 19:00	09/04/14 09:54	1
2-Fluorophenol (Surr)	84		12 - 105	09/02/14 19:00	09/04/14 09:54	1
Nitrobenzene-d5 (Surr)	89		26 - 107	09/02/14 19:00	09/04/14 09:54	1
Phenol-d5 (Surr)	85		17 - 111	09/02/14 19:00	09/04/14 09:54	1
Terphenyl-d14 (Surr)	88		36 - 127	09/02/14 19:00	09/04/14 09:54	1
2,4,6-Tribromophenol (Surr)	87		48 - 124	09/02/14 19:00	09/04/14 09:54	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	0.00030	U	0.0028	0.00030	mg/Kg	☼	08/27/14 22:43	08/28/14 18:41	1
4,4'-DDE	**0.00051**	**I**	0.0028	0.00030	mg/Kg	☼	08/27/14 22:43	08/28/14 18:41	1
4,4'-DDT	0.00036	U	0.0028	0.00036	mg/Kg	☼	08/27/14 22:43	08/28/14 18:41	1
Aldrin	0.00025	U	0.0028	0.00025	mg/Kg	☼	08/27/14 22:43	08/28/14 18:41	1
alpha-BHC	0.00023	U	0.0028	0.00023	mg/Kg	☼	08/27/14 22:43	08/28/14 18:41	1
beta-BHC	0.00054	U	0.0028	0.00054	mg/Kg	☼	08/27/14 22:43	08/28/14 18:41	1
Chlordane (technical)	0.0048	U	0.028	0.0048	mg/Kg	☼	08/27/14 22:43	08/28/14 18:41	1
delta-BHC	0.00031	U	0.0028	0.00031	mg/Kg	☼	08/27/14 22:43	08/28/14 18:41	1
Dieldrin	0.00028	U	0.0028	0.00028	mg/Kg	☼	08/27/14 22:43	08/28/14 18:41	1
Endosulfan I	0.00028	U	0.0028	0.00028	mg/Kg	☼	08/27/14 22:43	08/28/14 18:41	1
Endosulfan II	0.00025	U	0.0028	0.00025	mg/Kg	☼	08/27/14 22:43	08/28/14 18:41	1
Endosulfan sulfate	0.00035	U	0.0028	0.00035	mg/Kg	☼	08/27/14 22:43	08/28/14 18:41	1
Endrin	0.00036	U	0.0028	0.00036	mg/Kg	☼	08/27/14 22:43	08/28/14 18:41	1
Endrin aldehyde	0.00036	U	0.0028	0.00036	mg/Kg	☼	08/27/14 22:43	08/28/14 18:41	1
Endrin ketone	0.00033	U	0.0028	0.00033	mg/Kg	☼	08/27/14 22:43	08/28/14 18:41	1
gamma-BHC (Lindane)	0.00023	U	0.0028	0.00023	mg/Kg	☼	08/27/14 22:43	08/28/14 18:41	1
Heptachlor	0.00031	U	0.0028	0.00031	mg/Kg	☼	08/27/14 22:43	08/28/14 18:41	1
Heptachlor epoxide	0.00026	U	0.0028	0.00026	mg/Kg	☼	08/27/14 22:43	08/28/14 18:41	1
Methoxychlor	0.00046	U	0.0028	0.00046	mg/Kg	☼	08/27/14 22:43	08/28/14 18:41	1
Toxaphene	0.0090	U	0.28	0.0090	mg/Kg	☼	08/27/14 22:43	08/28/14 18:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	30	J1	54 - 133	08/27/14 22:43	08/28/14 18:41	1
Tetrachloro-m-xylene	28	J1	46 - 130	08/27/14 22:43	08/28/14 18:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.012	U	0.096	0.012	ug/L		09/03/14 06:14	09/03/14 15:48	1
4,4'-DDE	0.012	U	0.096	0.012	ug/L		09/03/14 06:14	09/03/14 15:48	1
4,4'-DDT	0.012	U	0.096	0.012	ug/L		09/03/14 06:14	09/03/14 15:48	1
Aldrin	0.0019	U	0.048	0.0019	ug/L		09/03/14 06:14	09/03/14 15:48	1
alpha-BHC	0.0058	U	0.048	0.0058	ug/L		09/03/14 06:14	09/03/14 15:48	1
beta-BHC	0.012	U	0.048	0.012	ug/L		09/03/14 06:14	09/03/14 15:48	1
delta-BHC	0.012	U	0.048	0.012	ug/L		09/03/14 06:14	09/03/14 15:48	1
Dieldrin	0.0019	U	0.096	0.0019	ug/L		09/03/14 06:14	09/03/14 15:48	1
Endosulfan I	0.012	U	0.048	0.012	ug/L		09/03/14 06:14	09/03/14 15:48	1
Endosulfan II	0.012	U	0.096	0.012	ug/L		09/03/14 06:14	09/03/14 15:48	1
Endosulfan sulfate	0.012	U	0.096	0.012	ug/L		09/03/14 06:14	09/03/14 15:48	1
Endrin	0.012	U	0.096	0.012	ug/L		09/03/14 06:14	09/03/14 15:48	1
Endrin aldehyde	0.012	U	0.096	0.012	ug/L		09/03/14 06:14	09/03/14 15:48	1
Endrin ketone	0.012	U	0.096	0.012	ug/L		09/03/14 06:14	09/03/14 15:48	1
gamma-BHC (Lindane)	0.012	U	0.048	0.012	ug/L		09/03/14 06:14	09/03/14 15:48	1

Client Sample ID: Comp-1-2 B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	0.012	U	0.048	0.012	ug/L		09/03/14 06:14	09/03/14 15:48	1
Heptachlor epoxide	0.012	U	0.048	0.012	ug/L		09/03/14 06:14	09/03/14 15:48	1
Methoxychlor	0.012	U	0.48	0.012	ug/L		09/03/14 06:14	09/03/14 15:48	1
Chlordane (technical)	0.33	U	0.96	0.33	ug/L		09/03/14 06:14	09/03/14 15:48	1
Toxaphene	0.65	U	4.8	0.65	ug/L		09/03/14 06:14	09/03/14 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*42*		*20 - 142*	*09/03/14 06:14*	*09/03/14 15:48*	*1*
Tetrachloro-m-xylene	*107*		*22 - 134*	*09/03/14 06:14*	*09/03/14 15:48*	*1*

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**180**		50	30	mg/Kg			08/29/14 15:04	5
Sulfate	30	U	50	30	mg/Kg			08/29/14 15:04	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.072	U	0.14	0.072	mg/Kg	☼	08/26/14 09:51	09/03/14 04:50	1
Arsenic	**0.93**		0.36	0.14	mg/Kg	☼	08/26/14 09:51	09/03/14 04:50	1
Barium	**3.6**		0.72	0.19	mg/Kg	☼	08/26/14 09:51	09/03/14 04:50	1
Beryllium	**0.053**	**I**	0.072	0.036	mg/Kg	☼	08/26/14 09:51	09/03/14 04:50	1
Cadmium	**0.077**		0.072	0.017	mg/Kg	☼	08/26/14 09:51	09/03/14 04:50	1
Chromium	**3.6**		0.72	0.36	mg/Kg	☼	08/26/14 09:51	09/03/14 04:50	1
Copper	**2.6**		0.72	0.29	mg/Kg	☼	08/26/14 09:51	09/03/14 04:50	1
Sodium	**260**		36	23	mg/Kg	☼	08/26/14 09:51	09/03/14 04:50	1
Nickel	**1.2**		0.72	0.36	mg/Kg	☼	08/26/14 09:51	09/03/14 04:50	1
Lead	**20**		0.29	0.14	mg/Kg	☼	08/26/14 09:51	09/03/14 04:50	1
Antimony	0.72	U	1.4	0.72	mg/Kg	☼	08/26/14 09:51	09/03/14 04:50	1
Selenium	0.36	U	0.72	0.36	mg/Kg	☼	08/26/14 09:51	09/03/14 04:50	1
Thallium	**0.040**	**I**	0.14	0.036	mg/Kg	☼	08/26/14 09:51	09/03/14 04:50	1
Zinc	**12**		2.9	0.79	mg/Kg	☼	08/26/14 09:51	09/03/14 04:50	1

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 18:41	1
Arsenic	**13**		2.5	2.5	ug/L		09/12/14 15:52	09/12/14 18:41	1
Barium	**8.2**		5.0	5.0	ug/L		09/12/14 15:52	09/12/14 18:41	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 18:41	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 18:41	1
Chromium	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 18:41	1
Copper	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 18:41	1
Nickel	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 18:41	1
Lead	1.5	U	1.5	1.5	ug/L		09/12/14 15:52	09/12/14 18:41	1
Antimony	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 18:41	1
Selenium	2.5	U	2.5	2.5	ug/L		09/12/14 15:52	09/12/14 18:41	1
Thallium	1.0	U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 18:41	1
Zinc	20	U	20	20	ug/L		09/12/14 15:52	09/12/14 18:41	1

Client Sample ID: Comp-1-2 B

Lab Sample ID: 660-62441-2

Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/02/14 09:24	09/03/14 09:54	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.025**	**I**	0.031	0.013	mg/Kg	☼	08/26/14 13:39	08/27/14 15:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**39**	**J3**	2.5	1.1	mg/Kg	☼	08/27/14 08:39	08/27/14 16:10	5
Total Kjeldahl Nitrogen	**1400**		80	48	mg/Kg	☼	09/02/14 16:09	09/03/14 13:39	1
Total Phosphorus as P	**330**		32	18	mg/Kg	☼	09/02/14 16:09	09/03/14 13:39	1
Cyanide, Total	0.34	U	0.81	0.34	mg/Kg	☼	08/27/14 08:10	08/27/14 12:20	1
Phenolics, Total Recoverable	2.0	U	8.1	2.0	mg/Kg	☼	08/29/14 08:49	08/29/14 13:54	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.91	U	3.3	0.91	mg/Kg	☼		08/28/14 12:36	1

Client Sample ID: Comp-1-3 B

Lab Sample ID: 660-62441-3

Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 22.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.11	J3 U	0.44	0.11	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
Acrylonitrile	0.15	U	0.44	0.15	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
Benzene	0.0032	U	0.022	0.0032	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
Bromoform	0.0066	U	0.022	0.0066	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
Bromomethane	0.0066	U	0.022	0.0066	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
Carbon tetrachloride	0.0036	U	0.022	0.0036	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
Chlorobenzene	0.0042	U	0.022	0.0042	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
Chloroethane	0.012	U	0.022	0.012	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
Chloroform	0.0048	U	0.022	0.0048	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
Chloromethane	0.0044	U	0.022	0.0044	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
Dibromochloromethane	0.0075	U	0.022	0.0075	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
1,2-Dichlorobenzene	0.0057	U	0.022	0.0057	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
1,3-Dichlorobenzene	0.0070	U	0.022	0.0070	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
1,4-Dichlorobenzene	0.0033	U	0.022	0.0033	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
Dichlorodifluoromethane	0.0041	U	0.022	0.0041	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
1,1-Dichloroethane	0.0048	U	0.022	0.0048	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
1,2-Dichloroethane	0.0048	U	0.022	0.0048	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
cis-1,2-Dichloroethene	0.0062	U	0.022	0.0062	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
trans-1,2-Dichloroethene	0.0028	U	0.022	0.0028	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
1,1-Dichloroethene	0.0066	U	0.022	0.0066	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
1,2-Dichloropropane	0.0038	U	0.022	0.0038	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
cis-1,3-Dichloropropene	0.0036	U	0.022	0.0036	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
trans-1,3-Dichloropropene	0.0038	U	0.022	0.0038	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
Ethylbenzene	0.0057	U	0.022	0.0057	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
Methylene Chloride	0.0043	J3 U	0.022	0.0043	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
Methyl tert-butyl ether	0.0044	U	0.044	0.0044	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1

Client Sample ID: Comp-1-3 B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-3
Matrix: Solid
Percent Solids: 22.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.0084	U	0.022	0.0084	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
Toluene	0.0037	U	0.022	0.0037	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
1,2,4-Trichlorobenzene	0.0039	U	0.022	0.0039	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
1,1,1-Trichloroethane	0.0026	U	0.022	0.0026	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
1,1,2-Trichloroethane	0.0057	U	0.022	0.0057	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
Trichloroethene	0.0057	U	0.022	0.0057	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
Vinyl chloride	0.0066	U	0.022	0.0066	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1
Xylenes, Total	0.0048	U	0.044	0.0048	mg/Kg	☼	08/29/14 08:00	08/29/14 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*65 - 130*	*08/29/14 08:00*	*08/29/14 16:33*	*1*
Dibromofluoromethane (Surr)	*87*		*65 - 130*	*08/29/14 08:00*	*08/29/14 16:33*	*1*
4-Bromofluorobenzene (Surr)	*114*		*65 - 130*	*08/29/14 08:00*	*08/29/14 16:33*	*1*
Toluene-d8 (Surr)	*99*		*65 - 130*	*08/29/14 08:00*	*08/29/14 16:33*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	U	20	20	ug/L			08/29/14 13:26	1
Acrylonitrile	20	U	20	20	ug/L			08/29/14 13:26	1
Benzene	1.0	U	1.0	1.0	ug/L			08/29/14 13:26	1
Bromoform	1.0	U	1.0	1.0	ug/L			08/29/14 13:26	1
Bromomethane	5.0	U	5.0	5.0	ug/L			08/29/14 13:26	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			08/29/14 13:26	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 13:26	1
Chloroethane	5.0	U	5.0	5.0	ug/L			08/29/14 13:26	1
Chloroform	1.0	U	1.0	1.0	ug/L			08/29/14 13:26	1
Chloromethane	1.0	U	1.0	1.0	ug/L			08/29/14 13:26	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			08/29/14 13:26	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 13:26	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 13:26	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 13:26	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			08/29/14 13:26	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 13:26	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 13:26	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 13:26	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 13:26	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 13:26	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			08/29/14 13:26	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			08/29/14 13:26	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			08/29/14 13:26	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			08/29/14 13:26	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			08/29/14 13:26	1
Methyl tert-butyl ether	10	U	10	10	ug/L			08/29/14 13:26	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 13:26	1
Toluene	1.0	U	1.0	1.0	ug/L			08/29/14 13:26	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			08/29/14 13:26	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 13:26	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 13:26	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 13:26	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			08/29/14 13:26	1

Client Sample ID: Comp-1-3 B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	2.0	ug/L			08/29/14 13:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*08/29/14 13:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*08/29/14 13:26*	*1*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*		*08/29/14 13:26*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*08/29/14 13:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.18	U	1.5	0.18	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Acenaphthylene	0.16	U	1.5	0.16	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Anthracene	0.11	U	1.5	0.11	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Benzo[a]anthracene	0.12	U	1.5	0.12	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Benzo[a]pyrene	0.23	U	1.5	0.23	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Benzo[b]fluoranthene	0.17	U	1.5	0.17	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Benzo[g,h,i]perylene	0.098	U	1.5	0.098	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Benzo[k]fluoranthene	0.29	U	1.5	0.29	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Bis(2-chloroethoxy)methane	0.17	U	1.5	0.17	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Bis(2-chloroethyl)ether	0.20	U	1.5	0.20	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
bis (2-chloroisopropyl) ether	0.13	U	1.5	0.13	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Bis(2-ethylhexyl) phthalate	0.13	U	1.5	0.13	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
4-Bromophenyl phenyl ether	0.16	U	1.5	0.16	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Butyl benzyl phthalate	0.12	U	1.5	0.12	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
4-Chloroaniline	0.23	U	2.9	0.23	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
4-Chloro-3-methylphenol	0.16	U	1.5	0.16	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
2-Chloronaphthalene	0.16	U	1.5	0.16	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
2-Chlorophenol	0.18	U	1.5	0.18	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
4-Chlorophenyl phenyl ether	0.20	U	1.5	0.20	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Chrysene	**0.10**	**I**	1.5	0.094	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Dibenz(a,h)anthracene	0.17	U	1.5	0.17	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Dibenzofuran	0.15	U	1.5	0.15	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
3,3'-Dichlorobenzidine	0.12	U	2.9	0.12	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
2,4-Dichlorophenol	0.16	U	1.5	0.16	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Diethyl phthalate	0.16	U	1.5	0.16	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
2,4-Dimethylphenol	0.20	U	1.5	0.20	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Dimethyl phthalate	0.15	U	1.5	0.15	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Di-n-butyl phthalate	0.13	U	1.5	0.13	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
4,6-Dinitro-2-methylphenol	0.76	U	7.6	0.76	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
2,4-Dinitrophenol	3.7	U	7.6	3.7	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
2,4-Dinitrotoluene	0.22	U	1.5	0.22	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
2,6-Dinitrotoluene	0.19	U	1.5	0.19	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Di-n-octyl phthalate	0.13	U	1.5	0.13	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
1,2-Diphenylhydrazine(as Azobenzene)	0.15	U	1.5	0.15	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Fluoranthene	**0.17**	**I**	1.5	0.14	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Fluorene	0.16	U	1.5	0.16	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Hexachlorobenzene	0.17	U	1.5	0.17	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Hexachlorobutadiene	0.16	U	1.5	0.16	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Hexachlorocyclopentadiene	0.18	U	1.5	0.18	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1

Client Sample ID: Comp-1-3 B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-3
Matrix: Solid
Percent Solids: 22.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	0.12	U	1.5	0.12	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Indeno[1,2,3-cd]pyrene	0.12	U	1.5	0.12	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Isophorone	0.15	U	1.5	0.15	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
2-Methylnaphthalene	0.17	U	1.5	0.17	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
1-Methylnaphthalene	0.14	U	1.5	0.14	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Naphthalene	0.13	U	1.5	0.13	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Nitrobenzene	0.12	U	1.5	0.12	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
2-Nitrophenol	0.18	U	1.5	0.18	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
4-Nitrophenol	1.5	U	7.6	1.5	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
N-Nitrosodimethylamine	0.53	U	1.5	0.53	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
N-Nitrosodi-n-propylamine	0.14	U	1.5	0.14	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
N-Nitrosodiphenylamine	0.15	U	1.5	0.15	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Pentachlorophenol	1.5	U	7.6	1.5	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Phenanthrene	0.12	U	1.5	0.12	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Phenol	0.15	U	1.5	0.15	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
Pyrene	**0.16**	**I**	1.5	0.12	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1
2,4,6-Trichlorophenol	0.13	U	1.5	0.13	mg/Kg	☼	08/28/14 21:32	09/02/14 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*59*		*45 - 129*	*08/28/14 21:32*	*09/02/14 17:29*	*1*
2-Fluorobiphenyl	*45*		*41 - 116*	*08/28/14 21:32*	*09/02/14 17:29*	*1*
2-Fluorophenol (Surr)	*61*		*39 - 114*	*08/28/14 21:32*	*09/02/14 17:29*	*1*
Terphenyl-d14 (Surr)	*44*	*J1*	*46 - 126*	*08/28/14 21:32*	*09/02/14 17:29*	*1*
Phenol-d5 (Surr)	*61*		*38 - 122*	*08/28/14 21:32*	*09/02/14 17:29*	*1*
Nitrobenzene-d5 (Surr)	*55*		*37 - 115*	*08/28/14 21:32*	*09/02/14 17:29*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.4	U	12	1.4	ug/L		09/02/14 19:00	09/04/14 10:24	1
Acenaphthylene	1.0	U	12	1.0	ug/L		09/02/14 19:00	09/04/14 10:24	1
Anthracene	1.0	U	12	1.0	ug/L		09/02/14 19:00	09/04/14 10:24	1
Benzo[a]anthracene	1.0	U	12	1.0	ug/L		09/02/14 19:00	09/04/14 10:24	1
Benzo[a]pyrene	1.1	U	12	1.1	ug/L		09/02/14 19:00	09/04/14 10:24	1
Benzo[b]fluoranthene	0.95	U	12	0.95	ug/L		09/02/14 19:00	09/04/14 10:24	1
Benzo[g,h,i]perylene	2.3	U	12	2.3	ug/L		09/02/14 19:00	09/04/14 10:24	1
Benzo[k]fluoranthene	1.0	U	12	1.0	ug/L		09/02/14 19:00	09/04/14 10:24	1
Bis(2-chloroethoxy)methane	1.1	U	12	1.1	ug/L		09/02/14 19:00	09/04/14 10:24	1
Bis(2-chloroethyl)ether	2.3	U	12	2.3	ug/L		09/02/14 19:00	09/04/14 10:24	1
bis (2-chloroisopropyl) ether	1.3	U	12	1.3	ug/L		09/02/14 19:00	09/04/14 10:24	1
Bis(2-ethylhexyl) phthalate	**9.1**	**I V**	12	3.0	ug/L		09/02/14 19:00	09/04/14 10:24	1
4-Bromophenyl phenyl ether	1.2	U	12	1.2	ug/L		09/02/14 19:00	09/04/14 10:24	1
Butyl benzyl phthalate	1.2	U	12	1.2	ug/L		09/02/14 19:00	09/04/14 10:24	1
4-Chloroaniline	2.0	U	24	2.0	ug/L		09/02/14 19:00	09/04/14 10:24	1
4-Chloro-3-methylphenol	1.3	U	12	1.3	ug/L		09/02/14 19:00	09/04/14 10:24	1
2-Chloronaphthalene	1.7	U	12	1.7	ug/L		09/02/14 19:00	09/04/14 10:24	1
2-Chlorophenol	1.9	U	12	1.9	ug/L		09/02/14 19:00	09/04/14 10:24	1
4-Chlorophenyl phenyl ether	1.8	U	12	1.8	ug/L		09/02/14 19:00	09/04/14 10:24	1
Chrysene	1.2	U	12	1.2	ug/L		09/02/14 19:00	09/04/14 10:24	1
Dibenz(a,h)anthracene	2.7	U	12	2.7	ug/L		09/02/14 19:00	09/04/14 10:24	1
Dibenzofuran	1.2	U	12	1.2	ug/L		09/02/14 19:00	09/04/14 10:24	1

Client Sample ID: Comp-1-3 B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	8.1	U	24	8.1	ug/L		09/02/14 19:00	09/04/14 10:24	1
2,4-Dichlorophenol	3.9	U	12	3.9	ug/L		09/02/14 19:00	09/04/14 10:24	1
Diethyl phthalate	1.1	U	12	1.1	ug/L		09/02/14 19:00	09/04/14 10:24	1
2,4-Dimethylphenol	4.5	U	12	4.5	ug/L		09/02/14 19:00	09/04/14 10:24	1
Dimethyl phthalate	1.5	U	12	1.5	ug/L		09/02/14 19:00	09/04/14 10:24	1
Di-n-butyl phthalate	2.3	U	12	2.3	ug/L		09/02/14 19:00	09/04/14 10:24	1
4,6-Dinitro-2-methylphenol	1.2	U	60	1.2	ug/L		09/02/14 19:00	09/04/14 10:24	1
2,4-Dinitrophenol	3.7	U	60	3.7	ug/L		09/02/14 19:00	09/04/14 10:24	1
2,4-Dinitrotoluene	2.0	U	12	2.0	ug/L		09/02/14 19:00	09/04/14 10:24	1
2,6-Dinitrotoluene	2.5	U	12	2.5	ug/L		09/02/14 19:00	09/04/14 10:24	1
Di-n-octyl phthalate	2.4	U	12	2.4	ug/L		09/02/14 19:00	09/04/14 10:24	1
1,2-Diphenylhydrazine(as Azobenzene)	1.2	U	12	1.2	ug/L		09/02/14 19:00	09/04/14 10:24	1
Fluoranthene	1.7	U	12	1.7	ug/L		09/02/14 19:00	09/04/14 10:24	1
Fluorene	1.1	U	12	1.1	ug/L		09/02/14 19:00	09/04/14 10:24	1
Hexachlorobenzene	1.2	U	12	1.2	ug/L		09/02/14 19:00	09/04/14 10:24	1
Hexachlorobutadiene	2.3	U	12	2.3	ug/L		09/02/14 19:00	09/04/14 10:24	1
Hexachlorocyclopentadiene	2.5	U	12	2.5	ug/L		09/02/14 19:00	09/04/14 10:24	1
Hexachloroethane	5.4	U	12	5.4	ug/L		09/02/14 19:00	09/04/14 10:24	1
Indeno[1,2,3-cd]pyrene	2.9	U	12	2.9	ug/L		09/02/14 19:00	09/04/14 10:24	1
Isophorone	1.0	U	12	1.0	ug/L		09/02/14 19:00	09/04/14 10:24	1
2-Methylnaphthalene	1.8	U	12	1.8	ug/L		09/02/14 19:00	09/04/14 10:24	1
1-Methylnaphthalene	3.1	U	12	3.1	ug/L		09/02/14 19:00	09/04/14 10:24	1
Naphthalene	1.7	U	12	1.7	ug/L		09/02/14 19:00	09/04/14 10:24	1
Nitrobenzene	1.9	U	12	1.9	ug/L		09/02/14 19:00	09/04/14 10:24	1
2-Nitrophenol	1.1	U	12	1.1	ug/L		09/02/14 19:00	09/04/14 10:24	1
4-Nitrophenol	2.5	U	60	2.5	ug/L		09/02/14 19:00	09/04/14 10:24	1
N-Nitrosodimethylamine	2.9	U	12	2.9	ug/L		09/02/14 19:00	09/04/14 10:24	1
N-Nitrosodi-n-propylamine	1.1	U	12	1.1	ug/L		09/02/14 19:00	09/04/14 10:24	1
N-Nitrosodiphenylamine	0.74	U	12	0.74	ug/L		09/02/14 19:00	09/04/14 10:24	1
Pentachlorophenol	1.3	U	60	1.3	ug/L		09/02/14 19:00	09/04/14 10:24	1
Phenanthrene	1.7	U	12	1.7	ug/L		09/02/14 19:00	09/04/14 10:24	1
Phenol	1.4	U	12	1.4	ug/L		09/02/14 19:00	09/04/14 10:24	1
Pyrene	1.2	U	12	1.2	ug/L		09/02/14 19:00	09/04/14 10:24	1
2,4,6-Trichlorophenol	1.4	U	12	1.4	ug/L		09/02/14 19:00	09/04/14 10:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*85*		*24 - 113*	*09/02/14 19:00*	*09/04/14 10:24*	*1*
2-Fluorophenol (Surr)	*83*		*12 - 105*	*09/02/14 19:00*	*09/04/14 10:24*	*1*
Nitrobenzene-d5 (Surr)	*89*		*26 - 107*	*09/02/14 19:00*	*09/04/14 10:24*	*1*
Phenol-d5 (Surr)	*82*		*17 - 111*	*09/02/14 19:00*	*09/04/14 10:24*	*1*
Terphenyl-d14 (Surr)	*84*		*36 - 127*	*09/02/14 19:00*	*09/04/14 10:24*	*1*
2,4,6-Tribromophenol (Surr)	*83*		*48 - 124*	*09/02/14 19:00*	*09/04/14 10:24*	*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	0.00080	U	0.0076	0.00080	mg/Kg	☼	08/27/14 22:43	08/28/14 18:56	1
4,4'-DDE	**0.0030**	**I**	0.0076	0.00080	mg/Kg	☼	08/27/14 22:43	08/28/14 18:56	1
4,4'-DDT	0.00098	U	0.0076	0.00098	mg/Kg	☼	08/27/14 22:43	08/28/14 18:56	1
Aldrin	0.00067	U	0.0076	0.00067	mg/Kg	☼	08/27/14 22:43	08/28/14 18:56	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp-1-3 B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-3
Matrix: Solid
Percent Solids: 22.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	0.00062	U	0.0076	0.00062	mg/Kg	☼	08/27/14 22:43	08/28/14 18:56	1
beta-BHC	0.0015	U	0.0076	0.0015	mg/Kg	☼	08/27/14 22:43	08/28/14 18:56	1
Chlordane (technical)	0.013	U	0.076	0.013	mg/Kg	☼	08/27/14 22:43	08/28/14 18:56	1
delta-BHC	0.00085	U	0.0076	0.00085	mg/Kg	☼	08/27/14 22:43	08/28/14 18:56	1
Dieldrin	0.00076	U	0.0076	0.00076	mg/Kg	☼	08/27/14 22:43	08/28/14 18:56	1
Endosulfan I	0.00076	U	0.0076	0.00076	mg/Kg	☼	08/27/14 22:43	08/28/14 18:56	1
Endosulfan II	0.00067	U	0.0076	0.00067	mg/Kg	☼	08/27/14 22:43	08/28/14 18:56	1
Endosulfan sulfate	0.00093	U	0.0076	0.00093	mg/Kg	☼	08/27/14 22:43	08/28/14 18:56	1
Endrin	0.00098	U	0.0076	0.00098	mg/Kg	☼	08/27/14 22:43	08/28/14 18:56	1
Endrin aldehyde	0.00098	U	0.0076	0.00098	mg/Kg	☼	08/27/14 22:43	08/28/14 18:56	1
Endrin ketone	0.00089	U	0.0076	0.00089	mg/Kg	☼	08/27/14 22:43	08/28/14 18:56	1
gamma-BHC (Lindane)	0.00062	U	0.0076	0.00062	mg/Kg	☼	08/27/14 22:43	08/28/14 18:56	1
Heptachlor	0.00085	U	0.0076	0.00085	mg/Kg	☼	08/27/14 22:43	08/28/14 18:56	1
Heptachlor epoxide	0.00071	U	0.0076	0.00071	mg/Kg	☼	08/27/14 22:43	08/28/14 18:56	1
Methoxychlor	0.0012	U	0.0076	0.0012	mg/Kg	☼	08/27/14 22:43	08/28/14 18:56	1
Toxaphene	0.024	U	0.76	0.024	mg/Kg	☼	08/27/14 22:43	08/28/14 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*38*	*J1*	*54 - 133*	*08/27/14 22:43*	*08/28/14 18:56*	*1*
Tetrachloro-m-xylene	*51*		*46 - 130*	*08/27/14 22:43*	*08/28/14 18:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	U	0.098	0.013	ug/L		09/03/14 06:14	09/03/14 16:02	1
4,4'-DDE	0.013	U	0.098	0.013	ug/L		09/03/14 06:14	09/03/14 16:02	1
4,4'-DDT	0.013	U	0.098	0.013	ug/L		09/03/14 06:14	09/03/14 16:02	1
Aldrin	0.0020	U	0.049	0.0020	ug/L		09/03/14 06:14	09/03/14 16:02	1
alpha-BHC	0.0059	U	0.049	0.0059	ug/L		09/03/14 06:14	09/03/14 16:02	1
beta-BHC	0.013	U	0.049	0.013	ug/L		09/03/14 06:14	09/03/14 16:02	1
delta-BHC	0.013	U	0.049	0.013	ug/L		09/03/14 06:14	09/03/14 16:02	1
Dieldrin	0.0020	U	0.098	0.0020	ug/L		09/03/14 06:14	09/03/14 16:02	1
Endosulfan I	0.013	U	0.049	0.013	ug/L		09/03/14 06:14	09/03/14 16:02	1
Endosulfan II	0.013	U	0.098	0.013	ug/L		09/03/14 06:14	09/03/14 16:02	1
Endosulfan sulfate	0.013	U	0.098	0.013	ug/L		09/03/14 06:14	09/03/14 16:02	1
Endrin	0.013	U	0.098	0.013	ug/L		09/03/14 06:14	09/03/14 16:02	1
Endrin aldehyde	0.013	U	0.098	0.013	ug/L		09/03/14 06:14	09/03/14 16:02	1
Endrin ketone	0.013	U	0.098	0.013	ug/L		09/03/14 06:14	09/03/14 16:02	1
gamma-BHC (Lindane)	0.013	U	0.049	0.013	ug/L		09/03/14 06:14	09/03/14 16:02	1
Heptachlor	0.013	U	0.049	0.013	ug/L		09/03/14 06:14	09/03/14 16:02	1
Heptachlor epoxide	0.013	U	0.049	0.013	ug/L		09/03/14 06:14	09/03/14 16:02	1
Methoxychlor	0.013	U	0.49	0.013	ug/L		09/03/14 06:14	09/03/14 16:02	1
Chlordane (technical)	0.33	U	0.98	0.33	ug/L		09/03/14 06:14	09/03/14 16:02	1
Toxaphene	0.67	U	4.9	0.67	ug/L		09/03/14 06:14	09/03/14 16:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*43*		*20 - 142*	*09/03/14 06:14*	*09/03/14 16:02*	*1*
Tetrachloro-m-xylene	*75*		*22 - 134*	*09/03/14 06:14*	*09/03/14 16:02*	*1*

Client Sample ID: Comp-1-3 B

Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-3

Matrix: Solid

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**220**		49	30	mg/Kg			08/29/14 15:19	5
Sulfate	30	U	49	30	mg/Kg			08/29/14 15:19	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.22	U	0.44	0.22	mg/Kg	☼	08/26/14 09:51	09/03/14 04:57	1
Arsenic	**5.1**		1.1	0.44	mg/Kg	☼	08/26/14 09:51	09/03/14 04:57	1
Barium	**25**		2.2	0.57	mg/Kg	☼	08/26/14 09:51	09/03/14 04:57	1
Beryllium	**0.45**		0.22	0.11	mg/Kg	☼	08/26/14 09:51	09/03/14 04:57	1
Cadmium	**0.49**		0.22	0.052	mg/Kg	☼	08/26/14 09:51	09/03/14 04:57	1
Chromium	**20**		2.2	1.1	mg/Kg	☼	08/26/14 09:51	09/03/14 04:57	1
Copper	**12**		2.2	0.87	mg/Kg	☼	08/26/14 09:51	09/03/14 04:57	1
Sodium	**730**		110	70	mg/Kg	☼	08/26/14 09:51	09/03/14 04:57	1
Nickel	**6.7**		2.2	1.1	mg/Kg	☼	08/26/14 09:51	09/03/14 04:57	1
Lead	**77**		0.87	0.44	mg/Kg	☼	08/26/14 09:51	09/03/14 04:57	1
Antimony	2.2	U	4.4	2.2	mg/Kg	☼	08/26/14 09:51	09/03/14 04:57	1
Selenium	**1.4**	**I**	2.2	1.1	mg/Kg	☼	08/26/14 09:51	09/03/14 04:57	1
Thallium	**0.11**	**I**	0.44	0.11	mg/Kg	☼	08/26/14 09:51	09/03/14 04:57	1
Zinc	**62**		8.7	2.4	mg/Kg	☼	08/26/14 09:51	09/03/14 04:57	1

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 18:48	1
Arsenic	**18**		2.5	2.5	ug/L		09/12/14 15:52	09/12/14 18:48	1
Barium	**8.3**		5.0	5.0	ug/L		09/12/14 15:52	09/12/14 18:48	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 18:48	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 18:48	1
Chromium	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 18:48	1
Copper	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 18:48	1
Nickel	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 18:48	1
Lead	1.5	U	1.5	1.5	ug/L		09/12/14 15:52	09/12/14 18:48	1
Antimony	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 18:48	1
Selenium	2.5	U	2.5	2.5	ug/L		09/12/14 15:52	09/12/14 18:48	1
Thallium	1.0	U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 18:48	1
Zinc	20	U	20	20	ug/L		09/12/14 15:52	09/12/14 18:48	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/02/14 09:24	09/03/14 09:57	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.11**		0.078	0.032	mg/Kg	☼	08/26/14 13:39	08/27/14 15:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**460**		27	12	mg/Kg	☼	08/27/14 08:39	08/27/14 16:30	20
Total Kjeldahl Nitrogen	**4800**		410	240	mg/Kg	☼	09/02/14 16:09	09/03/14 14:33	2
Total Phosphorus as P	**1000**		82	45	mg/Kg	☼	09/02/14 16:09	09/03/14 13:41	1
Cyanide, Total	0.90	U	2.1	0.90	mg/Kg	☼	08/27/14 08:10	08/27/14 12:21	1
Phenolics, Total Recoverable	5.1	U	20	5.1	mg/Kg	☼	08/29/14 08:49	08/29/14 13:54	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp-1-3 B

Lab Sample ID: 660-62441-3
Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 22.4

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	2.5	U	8.9	2.5	mg/Kg	☼		08/28/14 12:38	1

Client Sample ID: Comp 3-1B

Lab Sample ID: 660-62441-4
Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 43.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.054	J3 U	0.22	0.054	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
Acrylonitrile	0.076	U	0.22	0.076	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
Benzene	0.0016	U	0.011	0.0016	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
Bromoform	0.0034	U	0.011	0.0034	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
Bromomethane	0.0034	U	0.011	0.0034	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
Carbon tetrachloride	0.0019	U	0.011	0.0019	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
Chlorobenzene	0.0022	U	0.011	0.0022	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
Chloroethane	0.0061	U	0.011	0.0061	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
Chloroform	0.0025	U	0.011	0.0025	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
Chloromethane	0.0022	U	0.011	0.0022	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
Dibromochloromethane	0.0038	U	0.011	0.0038	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
1,2-Dichlorobenzene	0.0029	U	0.011	0.0029	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
1,3-Dichlorobenzene	0.0036	U	0.011	0.0036	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
1,4-Dichlorobenzene	0.0017	U	0.011	0.0017	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
Dichlorodifluoromethane	0.0021	U	0.011	0.0021	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
1,1-Dichloroethane	0.0025	U	0.011	0.0025	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
1,2-Dichloroethane	0.0025	U	0.011	0.0025	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
cis-1,2-Dichloroethene	0.0031	U	0.011	0.0031	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
trans-1,2-Dichloroethene	0.0014	U	0.011	0.0014	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
1,1-Dichloroethene	0.0034	U	0.011	0.0034	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
1,2-Dichloropropane	0.0019	U	0.011	0.0019	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
cis-1,3-Dichloropropene	0.0019	U	0.011	0.0019	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
trans-1,3-Dichloropropene	0.0020	U	0.011	0.0020	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
Ethylbenzene	0.0029	U	0.011	0.0029	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
Methylene Chloride	0.0022	J3 U	0.011	0.0022	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
Methyl tert-butyl ether	0.0022	U	0.022	0.0022	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
Tetrachloroethene	0.0043	U	0.011	0.0043	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
Toluene	0.0019	U	0.011	0.0019	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
1,2,4-Trichlorobenzene	0.0020	U	0.011	0.0020	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
1,1,1-Trichloroethane	0.0013	U	0.011	0.0013	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
1,1,2-Trichloroethane	0.0029	U	0.011	0.0029	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
Trichloroethene	0.0029	U	0.011	0.0029	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
Vinyl chloride	0.0034	U	0.011	0.0034	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1
Xylenes, Total	0.0025	U	0.022	0.0025	mg/Kg	☼	08/29/14 08:00	08/29/14 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 130*	*08/29/14 08:00*	*08/29/14 16:54*	*1*
Dibromofluoromethane (Surr)	*88*		*65 - 130*	*08/29/14 08:00*	*08/29/14 16:54*	*1*
4-Bromofluorobenzene (Surr)	*118*		*65 - 130*	*08/29/14 08:00*	*08/29/14 16:54*	*1*
Toluene-d8 (Surr)	*97*		*65 - 130*	*08/29/14 08:00*	*08/29/14 16:54*	*1*

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp 3-1B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-4
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	U	20	20	ug/L			08/29/14 13:48	1
Acrylonitrile	20	U	20	20	ug/L			08/29/14 13:48	1
Benzene	1.0	U	1.0	1.0	ug/L			08/29/14 13:48	1
Bromoform	1.0	U	1.0	1.0	ug/L			08/29/14 13:48	1
Bromomethane	5.0	U	5.0	5.0	ug/L			08/29/14 13:48	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			08/29/14 13:48	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 13:48	1
Chloroethane	5.0	U	5.0	5.0	ug/L			08/29/14 13:48	1
Chloroform	1.0	U	1.0	1.0	ug/L			08/29/14 13:48	1
Chloromethane	1.0	U	1.0	1.0	ug/L			08/29/14 13:48	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			08/29/14 13:48	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 13:48	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 13:48	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 13:48	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			08/29/14 13:48	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 13:48	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 13:48	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 13:48	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 13:48	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 13:48	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			08/29/14 13:48	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			08/29/14 13:48	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			08/29/14 13:48	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			08/29/14 13:48	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			08/29/14 13:48	1
Methyl tert-butyl ether	10	U	10	10	ug/L			08/29/14 13:48	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 13:48	1
Toluene	**1.4**		1.0	1.0	ug/L			08/29/14 13:48	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			08/29/14 13:48	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 13:48	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 13:48	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 13:48	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			08/29/14 13:48	1
Xylenes, Total	2.0	U	2.0	2.0	ug/L			08/29/14 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*08/29/14 13:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*		*08/29/14 13:48*	*1*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*		*08/29/14 13:48*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*08/29/14 13:48*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.095	U	0.77	0.095	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Acenaphthylene	0.084	U	0.77	0.084	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Anthracene	0.058	U	0.77	0.058	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Benzo[a]anthracene	0.063	U	0.77	0.063	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Benzo[a]pyrene	0.12	U	0.77	0.12	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Benzo[b]fluoranthene	0.088	U	0.77	0.088	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Benzo[g,h,i]perylene	0.051	U	0.77	0.051	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp 3-1B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-4
Matrix: Solid
Percent Solids: 43.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.15	U	0.77	0.15	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Bis(2-chloroethoxy)methane	0.091	U	0.77	0.091	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Bis(2-chloroethyl)ether	0.10	U	0.77	0.10	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
bis (2-chloroisopropyl) ether	0.070	U	0.77	0.070	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Bis(2-ethylhexyl) phthalate	0.067	U	0.77	0.067	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
4-Bromophenyl phenyl ether	0.084	U	0.77	0.084	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Butyl benzyl phthalate	0.060	U	0.77	0.060	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
4-Chloroaniline	0.12	U	1.5	0.12	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
4-Chloro-3-methylphenol	0.081	U	0.77	0.081	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
2-Chloronaphthalene	0.081	U	0.77	0.081	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
2-Chlorophenol	0.093	U	0.77	0.093	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
4-Chlorophenyl phenyl ether	0.10	U	0.77	0.10	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Chrysene	0.049	U	0.77	0.049	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Dibenz(a,h)anthracene	0.091	U	0.77	0.091	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Dibenzofuran	0.077	U	0.77	0.077	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
3,3'-Dichlorobenzidine	0.065	U	1.5	0.065	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
2,4-Dichlorophenol	0.081	U	0.77	0.081	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Diethyl phthalate	0.086	U	0.77	0.086	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
2,4-Dimethylphenol	0.10	U	0.77	0.10	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Dimethyl phthalate	0.079	U	0.77	0.079	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Di-n-butyl phthalate	0.070	U	0.77	0.070	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
4,6-Dinitro-2-methylphenol	0.39	U	3.9	0.39	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
2,4-Dinitrophenol	1.9	U	3.9	1.9	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
2,4-Dinitrotoluene	0.11	U	0.77	0.11	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
2,6-Dinitrotoluene	0.098	U	0.77	0.098	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Di-n-octyl phthalate	0.067	U	0.77	0.067	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
1,2-Diphenylhydrazine(as Azobenzene)	0.079	U	0.77	0.079	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Fluoranthene	0.074	U	0.77	0.074	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Fluorene	0.084	U	0.77	0.084	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Hexachlorobenzene	0.091	U	0.77	0.091	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Hexachlorobutadiene	0.084	U	0.77	0.084	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Hexachlorocyclopentadiene	0.095	U	0.77	0.095	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Hexachloroethane	0.065	U	0.77	0.065	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Indeno[1,2,3-cd]pyrene	0.065	U	0.77	0.065	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Isophorone	0.077	U	0.77	0.077	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
2-Methylnaphthalene	0.088	U	0.77	0.088	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
1-Methylnaphthalene	0.072	U	0.77	0.072	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Naphthalene	0.070	U	0.77	0.070	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Nitrobenzene	0.060	U	0.77	0.060	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
2-Nitrophenol	0.095	U	0.77	0.095	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
4-Nitrophenol	0.77	U	3.9	0.77	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
N-Nitrosodimethylamine	0.28	U	0.77	0.28	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
N-Nitrosodi-n-propylamine	0.074	U	0.77	0.074	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
N-Nitrosodiphenylamine	0.077	U	0.77	0.077	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Pentachlorophenol	0.77	U	3.9	0.77	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Phenanthrene	0.063	U	0.77	0.063	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Phenol	0.079	U	0.77	0.079	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
Pyrene	0.063	U	0.77	0.063	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1
2,4,6-Trichlorophenol	0.067	U	0.77	0.067	mg/Kg	☼	08/28/14 21:32	09/02/14 17:53	1

Client Sample ID: Comp 3-1B

Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-4

Matrix: Solid
Percent Solids: 43.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	*67*		*45 - 129*	*08/28/14 21:32*	*09/02/14 17:53*	*1*
2-Fluorobiphenyl	*51*		*41 - 116*	*08/28/14 21:32*	*09/02/14 17:53*	*1*
2-Fluorophenol (Surr)	*64*		*39 - 114*	*08/28/14 21:32*	*09/02/14 17:53*	*1*
Terphenyl-d14 (Surr)	*54*		*46 - 126*	*08/28/14 21:32*	*09/02/14 17:53*	*1*
Phenol-d5 (Surr)	*61*		*38 - 122*	*08/28/14 21:32*	*09/02/14 17:53*	*1*
Nitrobenzene-d5 (Surr)	*62*		*37 - 115*	*08/28/14 21:32*	*09/02/14 17:53*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.5	U	13	1.5	ug/L		09/02/14 19:00	09/04/14 10:55	1
Acenaphthylene	1.1	U	13	1.1	ug/L		09/02/14 19:00	09/04/14 10:55	1
Anthracene	1.1	U	13	1.1	ug/L		09/02/14 19:00	09/04/14 10:55	1
Benzo[a]anthracene	1.1	U	13	1.1	ug/L		09/02/14 19:00	09/04/14 10:55	1
Benzo[a]pyrene	1.1	U	13	1.1	ug/L		09/02/14 19:00	09/04/14 10:55	1
Benzo[b]fluoranthene	1.0	U	13	1.0	ug/L		09/02/14 19:00	09/04/14 10:55	1
Benzo[g,h,i]perylene	2.4	U	13	2.4	ug/L		09/02/14 19:00	09/04/14 10:55	1
Benzo[k]fluoranthene	1.1	U	13	1.1	ug/L		09/02/14 19:00	09/04/14 10:55	1
Bis(2-chloroethoxy)methane	1.2	U	13	1.2	ug/L		09/02/14 19:00	09/04/14 10:55	1
Bis(2-chloroethyl)ether	2.4	U	13	2.4	ug/L		09/02/14 19:00	09/04/14 10:55	1
bis (2-chloroisopropyl) ether	1.4	U	13	1.4	ug/L		09/02/14 19:00	09/04/14 10:55	1
Bis(2-ethylhexyl) phthalate	**8.4**	**I V**	13	3.1	ug/L		09/02/14 19:00	09/04/14 10:55	1
4-Bromophenyl phenyl ether	1.2	U	13	1.2	ug/L		09/02/14 19:00	09/04/14 10:55	1
Butyl benzyl phthalate	1.2	U	13	1.2	ug/L		09/02/14 19:00	09/04/14 10:55	1
4-Chloroaniline	2.1	U	25	2.1	ug/L		09/02/14 19:00	09/04/14 10:55	1
4-Chloro-3-methylphenol	1.4	U	13	1.4	ug/L		09/02/14 19:00	09/04/14 10:55	1
2-Chloronaphthalene	1.8	U	13	1.8	ug/L		09/02/14 19:00	09/04/14 10:55	1
2-Chlorophenol	2.0	U	13	2.0	ug/L		09/02/14 19:00	09/04/14 10:55	1
4-Chlorophenyl phenyl ether	1.9	U	13	1.9	ug/L		09/02/14 19:00	09/04/14 10:55	1
Chrysene	1.3	U	13	1.3	ug/L		09/02/14 19:00	09/04/14 10:55	1
Dibenz(a,h)anthracene	2.9	U	13	2.9	ug/L		09/02/14 19:00	09/04/14 10:55	1
Dibenzofuran	1.3	U	13	1.3	ug/L		09/02/14 19:00	09/04/14 10:55	1
3,3'-Dichlorobenzidine	8.5	U	25	8.5	ug/L		09/02/14 19:00	09/04/14 10:55	1
2,4-Dichlorophenol	4.1	U	13	4.1	ug/L		09/02/14 19:00	09/04/14 10:55	1
Diethyl phthalate	1.1	U	13	1.1	ug/L		09/02/14 19:00	09/04/14 10:55	1
2,4-Dimethylphenol	4.8	U	13	4.8	ug/L		09/02/14 19:00	09/04/14 10:55	1
Dimethyl phthalate	1.6	U	13	1.6	ug/L		09/02/14 19:00	09/04/14 10:55	1
Di-n-butyl phthalate	2.4	U	13	2.4	ug/L		09/02/14 19:00	09/04/14 10:55	1
4,6-Dinitro-2-methylphenol	1.3	U	63	1.3	ug/L		09/02/14 19:00	09/04/14 10:55	1
2,4-Dinitrophenol	3.9	U	63	3.9	ug/L		09/02/14 19:00	09/04/14 10:55	1
2,4-Dinitrotoluene	2.1	U	13	2.1	ug/L		09/02/14 19:00	09/04/14 10:55	1
2,6-Dinitrotoluene	2.6	U	13	2.6	ug/L		09/02/14 19:00	09/04/14 10:55	1
Di-n-octyl phthalate	2.5	U	13	2.5	ug/L		09/02/14 19:00	09/04/14 10:55	1
1,2-Diphenylhydrazine(as Azobenzene)	1.2	U	13	1.2	ug/L		09/02/14 19:00	09/04/14 10:55	1
Fluoranthene	1.8	U	13	1.8	ug/L		09/02/14 19:00	09/04/14 10:55	1
Fluorene	1.1	U	13	1.1	ug/L		09/02/14 19:00	09/04/14 10:55	1
Hexachlorobenzene	1.3	U	13	1.3	ug/L		09/02/14 19:00	09/04/14 10:55	1
Hexachlorobutadiene	2.4	U	13	2.4	ug/L		09/02/14 19:00	09/04/14 10:55	1
Hexachlorocyclopentadiene	2.6	U	13	2.6	ug/L		09/02/14 19:00	09/04/14 10:55	1
Hexachloroethane	5.6	U	13	5.6	ug/L		09/02/14 19:00	09/04/14 10:55	1

Client Sample ID: Comp 3-1B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-4
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	3.0	U	13	3.0	ug/L		09/02/14 19:00	09/04/14 10:55	1
Isophorone	1.1	U	13	1.1	ug/L		09/02/14 19:00	09/04/14 10:55	1
2-Methylnaphthalene	1.9	U	13	1.9	ug/L		09/02/14 19:00	09/04/14 10:55	1
1-Methylnaphthalene	3.3	U	13	3.3	ug/L		09/02/14 19:00	09/04/14 10:55	1
Naphthalene	1.8	U	13	1.8	ug/L		09/02/14 19:00	09/04/14 10:55	1
Nitrobenzene	2.0	U	13	2.0	ug/L		09/02/14 19:00	09/04/14 10:55	1
2-Nitrophenol	1.2	U	13	1.2	ug/L		09/02/14 19:00	09/04/14 10:55	1
4-Nitrophenol	2.6	U	63	2.6	ug/L		09/02/14 19:00	09/04/14 10:55	1
N-Nitrosodimethylamine	3.0	U	13	3.0	ug/L		09/02/14 19:00	09/04/14 10:55	1
N-Nitrosodi-n-propylamine	1.2	U	13	1.2	ug/L		09/02/14 19:00	09/04/14 10:55	1
N-Nitrosodiphenylamine	0.78	U	13	0.78	ug/L		09/02/14 19:00	09/04/14 10:55	1
Pentachlorophenol	1.4	U	63	1.4	ug/L		09/02/14 19:00	09/04/14 10:55	1
Phenanthrene	1.8	U	13	1.8	ug/L		09/02/14 19:00	09/04/14 10:55	1
Phenol	1.5	U	13	1.5	ug/L		09/02/14 19:00	09/04/14 10:55	1
Pyrene	1.3	U	13	1.3	ug/L		09/02/14 19:00	09/04/14 10:55	1
2,4,6-Trichlorophenol	1.5	U	13	1.5	ug/L		09/02/14 19:00	09/04/14 10:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*77*		*24 - 113*	*09/02/14 19:00*	*09/04/14 10:55*	*1*
2-Fluorophenol (Surr)	*71*		*12 - 105*	*09/02/14 19:00*	*09/04/14 10:55*	*1*
Nitrobenzene-d5 (Surr)	*71*		*26 - 107*	*09/02/14 19:00*	*09/04/14 10:55*	*1*
Phenol-d5 (Surr)	*75*		*17 - 111*	*09/02/14 19:00*	*09/04/14 10:55*	*1*
Terphenyl-d14 (Surr)	*73*		*36 - 127*	*09/02/14 19:00*	*09/04/14 10:55*	*1*
2,4,6-Tribromophenol (Surr)	*76*		*48 - 124*	*09/02/14 19:00*	*09/04/14 10:55*	*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	0.00042	U	0.0039	0.00042	mg/Kg	☼	08/27/14 22:43	08/28/14 19:10	1
4,4'-DDE	**0.0027**	**I**	0.0039	0.00042	mg/Kg	☼	08/27/14 22:43	08/28/14 19:10	1
4,4'-DDT	0.00051	U	0.0039	0.00051	mg/Kg	☼	08/27/14 22:43	08/28/14 19:10	1
Aldrin	0.00035	U	0.0039	0.00035	mg/Kg	☼	08/27/14 22:43	08/28/14 19:10	1
alpha-BHC	0.00032	U	0.0039	0.00032	mg/Kg	☼	08/27/14 22:43	08/28/14 19:10	1
beta-BHC	0.00077	U	0.0039	0.00077	mg/Kg	☼	08/27/14 22:43	08/28/14 19:10	1
Chlordane (technical)	0.0067	U	0.039	0.0067	mg/Kg	☼	08/27/14 22:43	08/28/14 19:10	1
delta-BHC	0.00044	U	0.0039	0.00044	mg/Kg	☼	08/27/14 22:43	08/28/14 19:10	1
Dieldrin	0.00039	U	0.0039	0.00039	mg/Kg	☼	08/27/14 22:43	08/28/14 19:10	1
Endosulfan I	0.00039	U	0.0039	0.00039	mg/Kg	☼	08/27/14 22:43	08/28/14 19:10	1
Endosulfan II	0.00035	U	0.0039	0.00035	mg/Kg	☼	08/27/14 22:43	08/28/14 19:10	1
Endosulfan sulfate	0.00049	U	0.0039	0.00049	mg/Kg	☼	08/27/14 22:43	08/28/14 19:10	1
Endrin	0.00051	U	0.0039	0.00051	mg/Kg	☼	08/27/14 22:43	08/28/14 19:10	1
Endrin aldehyde	0.00051	U	0.0039	0.00051	mg/Kg	☼	08/27/14 22:43	08/28/14 19:10	1
Endrin ketone	0.00046	U	0.0039	0.00046	mg/Kg	☼	08/27/14 22:43	08/28/14 19:10	1
gamma-BHC (Lindane)	0.00032	U	0.0039	0.00032	mg/Kg	☼	08/27/14 22:43	08/28/14 19:10	1
Heptachlor	0.00044	U	0.0039	0.00044	mg/Kg	☼	08/27/14 22:43	08/28/14 19:10	1
Heptachlor epoxide	0.00037	U	0.0039	0.00037	mg/Kg	☼	08/27/14 22:43	08/28/14 19:10	1
Methoxychlor	0.00065	U	0.0039	0.00065	mg/Kg	☼	08/27/14 22:43	08/28/14 19:10	1
Toxaphene	0.013	U	0.39	0.013	mg/Kg	☼	08/27/14 22:43	08/28/14 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*36*	*J1*	*54 - 133*	*08/27/14 22:43*	*08/28/14 19:10*	*1*

Client Sample ID: Comp 3-1B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-4
Matrix: Solid
Percent Solids: 43.0

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*48*		*46 - 130*	*08/27/14 22:43*	*08/28/14 19:10*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.014	U	0.10	0.014	ug/L		09/03/14 06:14	09/03/14 16:17	1
4,4'-DDE	0.014	U	0.10	0.014	ug/L		09/03/14 06:14	09/03/14 16:17	1
4,4'-DDT	0.014	U	0.10	0.014	ug/L		09/03/14 06:14	09/03/14 16:17	1
Aldrin	0.0021	U	0.052	0.0021	ug/L		09/03/14 06:14	09/03/14 16:17	1
alpha-BHC	0.0063	U	0.052	0.0063	ug/L		09/03/14 06:14	09/03/14 16:17	1
beta-BHC	0.014	U	0.052	0.014	ug/L		09/03/14 06:14	09/03/14 16:17	1
delta-BHC	0.014	U	0.052	0.014	ug/L		09/03/14 06:14	09/03/14 16:17	1
Dieldrin	0.0021	U	0.10	0.0021	ug/L		09/03/14 06:14	09/03/14 16:17	1
Endosulfan I	0.014	U	0.052	0.014	ug/L		09/03/14 06:14	09/03/14 16:17	1
Endosulfan II	0.014	U	0.10	0.014	ug/L		09/03/14 06:14	09/03/14 16:17	1
Endosulfan sulfate	0.014	U	0.10	0.014	ug/L		09/03/14 06:14	09/03/14 16:17	1
Endrin	0.014	U	0.10	0.014	ug/L		09/03/14 06:14	09/03/14 16:17	1
Endrin aldehyde	0.014	U	0.10	0.014	ug/L		09/03/14 06:14	09/03/14 16:17	1
Endrin ketone	0.014	U	0.10	0.014	ug/L		09/03/14 06:14	09/03/14 16:17	1
gamma-BHC (Lindane)	0.014	U	0.052	0.014	ug/L		09/03/14 06:14	09/03/14 16:17	1
Heptachlor	0.014	U	0.052	0.014	ug/L		09/03/14 06:14	09/03/14 16:17	1
Heptachlor epoxide	0.014	U	0.052	0.014	ug/L		09/03/14 06:14	09/03/14 16:17	1
Methoxychlor	0.014	U	0.52	0.014	ug/L		09/03/14 06:14	09/03/14 16:17	1
Chlordane (technical)	0.35	U	1.0	0.35	ug/L		09/03/14 06:14	09/03/14 16:17	1
Toxaphene	0.71	U	5.2	0.71	ug/L		09/03/14 06:14	09/03/14 16:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*58*		*20 - 142*	*09/03/14 06:14*	*09/03/14 16:17*	*1*
Tetrachloro-m-xylene	*94*		*22 - 134*	*09/03/14 06:14*	*09/03/14 16:17*	*1*

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**39**	**I**	51	30	mg/Kg			08/29/14 15:33	5
Sulfate	30	U	51	30	mg/Kg			08/29/14 15:33	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.11	U	0.22	0.11	mg/Kg	☼	08/26/14 09:51	09/03/14 05:04	1
Arsenic	**2.9**		0.54	0.22	mg/Kg	☼	08/26/14 09:51	09/03/14 05:04	1
Barium	**19**		1.1	0.28	mg/Kg	☼	08/26/14 09:51	09/03/14 05:04	1
Beryllium	**0.31**		0.11	0.054	mg/Kg	☼	08/26/14 09:51	09/03/14 05:04	1
Cadmium	**0.35**		0.11	0.026	mg/Kg	☼	08/26/14 09:51	09/03/14 05:04	1
Chromium	**16**		1.1	0.54	mg/Kg	☼	08/26/14 09:51	09/03/14 05:04	1
Copper	**11**		1.1	0.43	mg/Kg	☼	08/26/14 09:51	09/03/14 05:04	1
Sodium	**200**		54	34	mg/Kg	☼	08/26/14 09:51	09/03/14 05:04	1
Nickel	**5.3**		1.1	0.54	mg/Kg	☼	08/26/14 09:51	09/03/14 05:04	1
Lead	**53**		0.43	0.22	mg/Kg	☼	08/26/14 09:51	09/03/14 05:04	1
Antimony	1.1	U	2.2	1.1	mg/Kg	☼	08/26/14 09:51	09/03/14 05:04	1
Selenium	**1.0**	**I**	1.1	0.54	mg/Kg	☼	08/26/14 09:51	09/03/14 05:04	1
Thallium	**0.066**	**I**	0.22	0.054	mg/Kg	☼	08/26/14 09:51	09/03/14 05:04	1
Zinc	**51**		4.3	1.2	mg/Kg	☼	08/26/14 09:51	09/03/14 05:04	1

Client Sample ID: Comp 3-1B

Lab Sample ID: 660-62441-4

Date Collected: 08/22/14 16:00

Matrix: Solid

Date Received: 08/23/14 09:16

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 18:55	1
Arsenic	**17**		2.5	2.5	ug/L		09/12/14 15:52	09/12/14 18:55	1
Barium	**12**		5.0	5.0	ug/L		09/12/14 15:52	09/12/14 18:55	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 18:55	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 18:55	1
Chromium	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 18:55	1
Copper	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 18:55	1
Nickel	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 18:55	1
Lead	1.5	U	1.5	1.5	ug/L		09/12/14 15:52	09/12/14 18:55	1
Antimony	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 18:55	1
Selenium	2.5	U	2.5	2.5	ug/L		09/12/14 15:52	09/12/14 18:55	1
Thallium	1.0	U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 18:55	1
Zinc	20	U	20	20	ug/L		09/12/14 15:52	09/12/14 18:55	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/02/14 09:24	09/03/14 10:00	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.095**		0.044	0.018	mg/Kg	☼	08/26/14 13:39	08/27/14 15:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**140**		7.0	3.0	mg/Kg	☼	08/27/14 08:39	08/27/14 16:40	10
Total Kjeldahl Nitrogen	**2300**		190	110	mg/Kg	☼	09/02/14 16:09	09/03/14 14:34	2
Total Phosphorus as P	**380**		37	21	mg/Kg	☼	09/02/14 16:09	09/03/14 13:42	1
Cyanide, Total	0.47	U	1.1	0.47	mg/Kg	☼	08/27/14 08:10	08/27/14 12:24	1
Phenolics, Total Recoverable	2.8	U	11	2.8	mg/Kg	☼	08/29/14 08:49	08/29/14 13:54	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	1.3	U	4.6	1.3	mg/Kg	☼		08/28/14 12:39	1

Client Sample ID: Comp 5-1B

Lab Sample ID: 660-62441-5

Date Collected: 08/22/14 16:00

Matrix: Solid

Date Received: 08/23/14 09:16

Percent Solids: 12.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.19	J3 U	0.78	0.19	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
Acrylonitrile	0.27	U	0.78	0.27	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
Benzene	0.0057	U	0.039	0.0057	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
Bromoform	0.012	U	0.039	0.012	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
Bromomethane	0.012	U	0.039	0.012	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
Carbon tetrachloride	0.0065	U	0.039	0.0065	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
Chlorobenzene	0.0075	U	0.039	0.0075	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
Chloroethane	0.021	U	0.039	0.021	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
Chloroform	0.0086	U	0.039	0.0086	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
Chloromethane	0.0078	U	0.039	0.0078	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
Dibromochloromethane	0.013	U	0.039	0.013	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1

Client Sample ID: Comp 5-1B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-5
Matrix: Solid
Percent Solids: 12.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	0.010	U	0.039	0.010	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
1,3-Dichlorobenzene	0.012	U	0.039	0.012	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
1,4-Dichlorobenzene	0.0058	U	0.039	0.0058	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
Dichlorodifluoromethane	0.0073	U	0.039	0.0073	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
1,1-Dichloroethane	0.0086	U	0.039	0.0086	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
1,2-Dichloroethane	0.0086	U	0.039	0.0086	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
cis-1,2-Dichloroethene	0.011	U	0.039	0.011	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
trans-1,2-Dichloroethene	0.0049	U	0.039	0.0049	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
1,1-Dichloroethene	0.012	U	0.039	0.012	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
1,2-Dichloropropane	0.0067	U	0.039	0.0067	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
cis-1,3-Dichloropropene	0.0065	U	0.039	0.0065	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
trans-1,3-Dichloropropene	0.0068	U	0.039	0.0068	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
Ethylbenzene	0.010	U	0.039	0.010	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
Methylene Chloride	0.0076	J3 U	0.039	0.0076	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
Methyl tert-butyl ether	0.0078	U	0.078	0.0078	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
Tetrachloroethene	0.015	U	0.039	0.015	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
Toluene	0.0066	U	0.039	0.0066	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
1,2,4-Trichlorobenzene	0.0069	U	0.039	0.0069	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
1,1,1-Trichloroethane	0.0046	U	0.039	0.0046	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
1,1,2-Trichloroethane	0.010	U	0.039	0.010	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
Trichloroethene	0.010	U	0.039	0.010	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
Vinyl chloride	0.012	U	0.039	0.012	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1
Xylenes, Total	0.0086	U	0.078	0.0086	mg/Kg	☼	08/29/14 08:00	08/29/14 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*65 - 130*	*08/29/14 08:00*	*08/29/14 17:15*	*1*
Dibromofluoromethane (Surr)	*88*		*65 - 130*	*08/29/14 08:00*	*08/29/14 17:15*	*1*
4-Bromofluorobenzene (Surr)	*111*		*65 - 130*	*08/29/14 08:00*	*08/29/14 17:15*	*1*
Toluene-d8 (Surr)	*95*		*65 - 130*	*08/29/14 08:00*	*08/29/14 17:15*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	U	20	20	ug/L			08/29/14 14:09	1
Acrylonitrile	20	U	20	20	ug/L			08/29/14 14:09	1
Benzene	1.0	U	1.0	1.0	ug/L			08/29/14 14:09	1
Bromoform	1.0	U	1.0	1.0	ug/L			08/29/14 14:09	1
Bromomethane	5.0	U	5.0	5.0	ug/L			08/29/14 14:09	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			08/29/14 14:09	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 14:09	1
Chloroethane	5.0	U	5.0	5.0	ug/L			08/29/14 14:09	1
Chloroform	1.0	U	1.0	1.0	ug/L			08/29/14 14:09	1
Chloromethane	1.0	U	1.0	1.0	ug/L			08/29/14 14:09	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			08/29/14 14:09	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 14:09	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 14:09	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 14:09	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			08/29/14 14:09	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 14:09	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 14:09	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 14:09	1

Client Sample ID: Comp 5-1B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-5
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 14:09	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 14:09	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			08/29/14 14:09	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			08/29/14 14:09	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			08/29/14 14:09	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			08/29/14 14:09	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			08/29/14 14:09	1
Methyl tert-butyl ether	10	U	10	10	ug/L			08/29/14 14:09	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 14:09	1
Toluene	1.0	U	1.0	1.0	ug/L			08/29/14 14:09	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			08/29/14 14:09	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 14:09	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 14:09	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 14:09	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			08/29/14 14:09	1
Xylenes, Total	2.0	U	2.0	2.0	ug/L			08/29/14 14:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*08/29/14 14:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*08/29/14 14:09*	*1*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*		*08/29/14 14:09*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*08/29/14 14:09*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.32	U	2.6	0.32	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Acenaphthylene	0.28	U	2.6	0.28	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Anthracene	0.20	U	2.6	0.20	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Benzo[a]anthracene	0.21	U	2.6	0.21	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Benzo[a]pyrene	0.41	U	2.6	0.41	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Benzo[b]fluoranthene	0.30	U	2.6	0.30	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Benzo[g,h,i]perylene	0.17	U	2.6	0.17	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Benzo[k]fluoranthene	0.51	U	2.6	0.51	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Bis(2-chloroethoxy)methane	0.31	U	2.6	0.31	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Bis(2-chloroethyl)ether	0.35	U	2.6	0.35	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
bis (2-chloroisopropyl) ether	0.24	U	2.6	0.24	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Bis(2-ethylhexyl) phthalate	0.23	U	2.6	0.23	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
4-Bromophenyl phenyl ether	0.28	U	2.6	0.28	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Butyl benzyl phthalate	0.20	U	2.6	0.20	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
4-Chloroaniline	0.41	U	5.2	0.41	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
4-Chloro-3-methylphenol	0.28	U	2.6	0.28	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
2-Chloronaphthalene	0.28	U	2.6	0.28	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
2-Chlorophenol	0.31	U	2.6	0.31	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
4-Chlorophenyl phenyl ether	0.35	U	2.6	0.35	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Chrysene	0.17	U	2.6	0.17	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Dibenz(a,h)anthracene	0.31	U	2.6	0.31	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Dibenzofuran	0.26	U	2.6	0.26	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
3,3'-Dichlorobenzidine	0.22	U	5.2	0.22	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
2,4-Dichlorophenol	0.28	U	2.6	0.28	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Diethyl phthalate	0.29	U	2.6	0.29	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1

Client Sample ID: Comp 5-1B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-5
Matrix: Solid
Percent Solids: 12.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	0.35	U	2.6	0.35	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Dimethyl phthalate	0.27	U	2.6	0.27	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Di-n-butyl phthalate	0.24	U	2.6	0.24	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
4,6-Dinitro-2-methylphenol	1.3	U	13	1.3	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
2,4-Dinitrophenol	6.5	U	13	6.5	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
2,4-Dinitrotoluene	0.39	U	2.6	0.39	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
2,6-Dinitrotoluene	0.33	U	2.6	0.33	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Di-n-octyl phthalate	0.23	U	2.6	0.23	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
1,2-Diphenylhydrazine(as Azobenzene)	0.27	U	2.6	0.27	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Fluoranthene	0.25	U	2.6	0.25	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Fluorene	0.28	U	2.6	0.28	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Hexachlorobenzene	0.31	U	2.6	0.31	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Hexachlorobutadiene	0.28	U	2.6	0.28	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Hexachlorocyclopentadiene	0.32	U	2.6	0.32	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Hexachloroethane	0.22	U	2.6	0.22	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Indeno[1,2,3-cd]pyrene	0.22	U	2.6	0.22	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Isophorone	0.26	U	2.6	0.26	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
2-Methylnaphthalene	0.30	U	2.6	0.30	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
1-Methylnaphthalene	0.24	U	2.6	0.24	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Naphthalene	0.24	U	2.6	0.24	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Nitrobenzene	0.20	U	2.6	0.20	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
2-Nitrophenol	0.32	U	2.6	0.32	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
4-Nitrophenol	2.6	U	13	2.6	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
N-Nitrosodimethylamine	0.94	U	2.6	0.94	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
N-Nitrosodi-n-propylamine	0.25	U	2.6	0.25	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
N-Nitrosodiphenylamine	0.26	U	2.6	0.26	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Pentachlorophenol	2.6	U	13	2.6	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Phenanthrene	0.21	U	2.6	0.21	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Phenol	0.27	U	2.6	0.27	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
Pyrene	0.21	U	2.6	0.21	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1
2,4,6-Trichlorophenol	0.23	U	2.6	0.23	mg/Kg	☼	08/28/14 21:32	09/02/14 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*45 - 129*	*08/28/14 21:32*	*09/02/14 18:17*	*1*
2-Fluorobiphenyl	*51*		*41 - 116*	*08/28/14 21:32*	*09/02/14 18:17*	*1*
2-Fluorophenol (Surr)	*64*		*39 - 114*	*08/28/14 21:32*	*09/02/14 18:17*	*1*
Terphenyl-d14 (Surr)	*49*		*46 - 126*	*08/28/14 21:32*	*09/02/14 18:17*	*1*
Phenol-d5 (Surr)	*63*		*38 - 122*	*08/28/14 21:32*	*09/02/14 18:17*	*1*
Nitrobenzene-d5 (Surr)	*64*		*37 - 115*	*08/28/14 21:32*	*09/02/14 18:17*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.2	U	10	1.2	ug/L		09/02/14 19:00	09/04/14 11:26	1
Acenaphthylene	0.85	U	10	0.85	ug/L		09/02/14 19:00	09/04/14 11:26	1
Anthracene	0.86	U	10	0.86	ug/L		09/02/14 19:00	09/04/14 11:26	1
Benzo[a]anthracene	0.88	U	10	0.88	ug/L		09/02/14 19:00	09/04/14 11:26	1
Benzo[a]pyrene	0.89	U	10	0.89	ug/L		09/02/14 19:00	09/04/14 11:26	1
Benzo[b]fluoranthene	0.80	U	10	0.80	ug/L		09/02/14 19:00	09/04/14 11:26	1
Benzo[g,h,i]perylene	1.9	U	10	1.9	ug/L		09/02/14 19:00	09/04/14 11:26	1

Client Sample ID: Comp 5-1B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-5
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.86	U	10	0.86	ug/L		09/02/14 19:00	09/04/14 11:26	1
Bis(2-chloroethoxy)methane	0.96	U	10	0.96	ug/L		09/02/14 19:00	09/04/14 11:26	1
Bis(2-chloroethyl)ether	1.9	U	10	1.9	ug/L		09/02/14 19:00	09/04/14 11:26	1
bis (2-chloroisopropyl) ether	1.1	U	10	1.1	ug/L		09/02/14 19:00	09/04/14 11:26	1
Bis(2-ethylhexyl) phthalate	**5.8**	**I V**	10	2.5	ug/L		09/02/14 19:00	09/04/14 11:26	1
4-Bromophenyl phenyl ether	0.97	U	10	0.97	ug/L		09/02/14 19:00	09/04/14 11:26	1
Butyl benzyl phthalate	0.98	U	10	0.98	ug/L		09/02/14 19:00	09/04/14 11:26	1
4-Chloroaniline	1.7	U	20	1.7	ug/L		09/02/14 19:00	09/04/14 11:26	1
4-Chloro-3-methylphenol	1.1	U	10	1.1	ug/L		09/02/14 19:00	09/04/14 11:26	1
2-Chloronaphthalene	1.4	U	10	1.4	ug/L		09/02/14 19:00	09/04/14 11:26	1
2-Chlorophenol	1.6	U	10	1.6	ug/L		09/02/14 19:00	09/04/14 11:26	1
4-Chlorophenyl phenyl ether	1.5	U	10	1.5	ug/L		09/02/14 19:00	09/04/14 11:26	1
Chrysene	1.0	U	10	1.0	ug/L		09/02/14 19:00	09/04/14 11:26	1
Dibenz(a,h)anthracene	2.3	U	10	2.3	ug/L		09/02/14 19:00	09/04/14 11:26	1
Dibenzofuran	1.0	U	10	1.0	ug/L		09/02/14 19:00	09/04/14 11:26	1
3,3'-Dichlorobenzidine	6.8	U	20	6.8	ug/L		09/02/14 19:00	09/04/14 11:26	1
2,4-Dichlorophenol	3.3	U	10	3.3	ug/L		09/02/14 19:00	09/04/14 11:26	1
Diethyl phthalate	0.90	U	10	0.90	ug/L		09/02/14 19:00	09/04/14 11:26	1
2,4-Dimethylphenol	3.8	U	10	3.8	ug/L		09/02/14 19:00	09/04/14 11:26	1
Dimethyl phthalate	1.3	U	10	1.3	ug/L		09/02/14 19:00	09/04/14 11:26	1
Di-n-butyl phthalate	1.9	U	10	1.9	ug/L		09/02/14 19:00	09/04/14 11:26	1
4,6-Dinitro-2-methylphenol	1.0	U	50	1.0	ug/L		09/02/14 19:00	09/04/14 11:26	1
2,4-Dinitrophenol	3.1	U	50	3.1	ug/L		09/02/14 19:00	09/04/14 11:26	1
2,4-Dinitrotoluene	1.7	U	10	1.7	ug/L		09/02/14 19:00	09/04/14 11:26	1
2,6-Dinitrotoluene	2.1	U	10	2.1	ug/L		09/02/14 19:00	09/04/14 11:26	1
Di-n-octyl phthalate	2.0	U	10	2.0	ug/L		09/02/14 19:00	09/04/14 11:26	1
1,2-Diphenylhydrazine(as Azobenzene)	0.99	U	10	0.99	ug/L		09/02/14 19:00	09/04/14 11:26	1
Fluoranthene	1.4	U	10	1.4	ug/L		09/02/14 19:00	09/04/14 11:26	1
Fluorene	0.90	U	10	0.90	ug/L		09/02/14 19:00	09/04/14 11:26	1
Hexachlorobenzene	1.0	U	10	1.0	ug/L		09/02/14 19:00	09/04/14 11:26	1
Hexachlorobutadiene	1.9	U	10	1.9	ug/L		09/02/14 19:00	09/04/14 11:26	1
Hexachlorocyclopentadiene	2.1	U	10	2.1	ug/L		09/02/14 19:00	09/04/14 11:26	1
Hexachloroethane	4.5	U	10	4.5	ug/L		09/02/14 19:00	09/04/14 11:26	1
Indeno[1,2,3-cd]pyrene	2.4	U	10	2.4	ug/L		09/02/14 19:00	09/04/14 11:26	1
Isophorone	0.85	U	10	0.85	ug/L		09/02/14 19:00	09/04/14 11:26	1
2-Methylnaphthalene	1.5	U	10	1.5	ug/L		09/02/14 19:00	09/04/14 11:26	1
1-Methylnaphthalene	2.6	U	10	2.6	ug/L		09/02/14 19:00	09/04/14 11:26	1
Naphthalene	1.4	U	10	1.4	ug/L		09/02/14 19:00	09/04/14 11:26	1
Nitrobenzene	1.6	U	10	1.6	ug/L		09/02/14 19:00	09/04/14 11:26	1
2-Nitrophenol	0.96	U	10	0.96	ug/L		09/02/14 19:00	09/04/14 11:26	1
4-Nitrophenol	2.1	U	50	2.1	ug/L		09/02/14 19:00	09/04/14 11:26	1
N-Nitrosodimethylamine	2.4	U	10	2.4	ug/L		09/02/14 19:00	09/04/14 11:26	1
N-Nitrosodi-n-propylamine	0.93	U	10	0.93	ug/L		09/02/14 19:00	09/04/14 11:26	1
N-Nitrosodiphenylamine	0.62	U	10	0.62	ug/L		09/02/14 19:00	09/04/14 11:26	1
Pentachlorophenol	1.1	U	50	1.1	ug/L		09/02/14 19:00	09/04/14 11:26	1
Phenanthrene	1.4	U	10	1.4	ug/L		09/02/14 19:00	09/04/14 11:26	1
Phenol	1.2	U	10	1.2	ug/L		09/02/14 19:00	09/04/14 11:26	1
Pyrene	1.0	U	10	1.0	ug/L		09/02/14 19:00	09/04/14 11:26	1
2,4,6-Trichlorophenol	1.2	U	10	1.2	ug/L		09/02/14 19:00	09/04/14 11:26	1

Client Sample ID: Comp 5-1B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-5
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	87		24 - 113	09/02/14 19:00	09/04/14 11:26	1
2-Fluorophenol (Surr)	86		12 - 105	09/02/14 19:00	09/04/14 11:26	1
Nitrobenzene-d5 (Surr)	85		26 - 107	09/02/14 19:00	09/04/14 11:26	1
Phenol-d5 (Surr)	84		17 - 111	09/02/14 19:00	09/04/14 11:26	1
Terphenyl-d14 (Surr)	85		36 - 127	09/02/14 19:00	09/04/14 11:26	1
2,4,6-Tribromophenol (Surr)	80		48 - 124	09/02/14 19:00	09/04/14 11:26	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	0.0014	U	0.013	0.0014	mg/Kg	☼	08/27/14 22:43	08/28/14 19:25	1
4,4'-DDE	0.0014	U	0.013	0.0014	mg/Kg	☼	08/27/14 22:43	08/28/14 19:25	1
4,4'-DDT	0.0017	U	0.013	0.0017	mg/Kg	☼	08/27/14 22:43	08/28/14 19:25	1
Aldrin	0.0012	U	0.013	0.0012	mg/Kg	☼	08/27/14 22:43	08/28/14 19:25	1
alpha-BHC	0.0011	U	0.013	0.0011	mg/Kg	☼	08/27/14 22:43	08/28/14 19:25	1
beta-BHC	0.0026	U	0.013	0.0026	mg/Kg	☼	08/27/14 22:43	08/28/14 19:25	1
Chlordane (technical)	0.023	U	0.13	0.023	mg/Kg	☼	08/27/14 22:43	08/28/14 19:25	1
delta-BHC	0.0015	U	0.013	0.0015	mg/Kg	☼	08/27/14 22:43	08/28/14 19:25	1
Dieldrin	0.0013	U	0.013	0.0013	mg/Kg	☼	08/27/14 22:43	08/28/14 19:25	1
Endosulfan I	0.0013	U	0.013	0.0013	mg/Kg	☼	08/27/14 22:43	08/28/14 19:25	1
Endosulfan II	0.0012	U	0.013	0.0012	mg/Kg	☼	08/27/14 22:43	08/28/14 19:25	1
Endosulfan sulfate	0.0016	U	0.013	0.0016	mg/Kg	☼	08/27/14 22:43	08/28/14 19:25	1
Endrin	0.0017	U	0.013	0.0017	mg/Kg	☼	08/27/14 22:43	08/28/14 19:25	1
Endrin aldehyde	0.0017	U	0.013	0.0017	mg/Kg	☼	08/27/14 22:43	08/28/14 19:25	1
Endrin ketone	0.0016	U	0.013	0.0016	mg/Kg	☼	08/27/14 22:43	08/28/14 19:25	1
gamma-BHC (Lindane)	0.0011	U	0.013	0.0011	mg/Kg	☼	08/27/14 22:43	08/28/14 19:25	1
Heptachlor	0.0015	U	0.013	0.0015	mg/Kg	☼	08/27/14 22:43	08/28/14 19:25	1
Heptachlor epoxide	0.0013	U	0.013	0.0013	mg/Kg	☼	08/27/14 22:43	08/28/14 19:25	1
Methoxychlor	0.0022	U	0.013	0.0022	mg/Kg	☼	08/27/14 22:43	08/28/14 19:25	1
Toxaphene	0.043	U	1.3	0.043	mg/Kg	☼	08/27/14 22:43	08/28/14 19:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	16	J1	54 - 133	08/27/14 22:43	08/28/14 19:25	1
Tetrachloro-m-xylene	22	J1	46 - 130	08/27/14 22:43	08/28/14 19:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	U	0.10	0.013	ug/L		09/03/14 06:14	09/03/14 16:31	1
4,4'-DDE	0.013	U	0.10	0.013	ug/L		09/03/14 06:14	09/03/14 16:31	1
4,4'-DDT	0.013	U	0.10	0.013	ug/L		09/03/14 06:14	09/03/14 16:31	1
Aldrin	0.0020	U	0.051	0.0020	ug/L		09/03/14 06:14	09/03/14 16:31	1
alpha-BHC	0.0061	U	0.051	0.0061	ug/L		09/03/14 06:14	09/03/14 16:31	1
beta-BHC	0.013	U	0.051	0.013	ug/L		09/03/14 06:14	09/03/14 16:31	1
delta-BHC	0.013	U	0.051	0.013	ug/L		09/03/14 06:14	09/03/14 16:31	1
Dieldrin	0.0020	U	0.10	0.0020	ug/L		09/03/14 06:14	09/03/14 16:31	1
Endosulfan I	0.013	U	0.051	0.013	ug/L		09/03/14 06:14	09/03/14 16:31	1
Endosulfan II	0.013	U	0.10	0.013	ug/L		09/03/14 06:14	09/03/14 16:31	1
Endosulfan sulfate	0.013	U	0.10	0.013	ug/L		09/03/14 06:14	09/03/14 16:31	1
Endrin	0.013	U	0.10	0.013	ug/L		09/03/14 06:14	09/03/14 16:31	1
Endrin aldehyde	0.013	U	0.10	0.013	ug/L		09/03/14 06:14	09/03/14 16:31	1
Endrin ketone	0.013	U	0.10	0.013	ug/L		09/03/14 06:14	09/03/14 16:31	1
gamma-BHC (Lindane)	0.013	U	0.051	0.013	ug/L		09/03/14 06:14	09/03/14 16:31	1

Client Sample ID: Comp 5-1B

Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-5

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	0.013	U	0.051	0.013	ug/L		09/03/14 06:14	09/03/14 16:31	1
Heptachlor epoxide	0.013	U	0.051	0.013	ug/L		09/03/14 06:14	09/03/14 16:31	1
Methoxychlor	0.013	U	0.51	0.013	ug/L		09/03/14 06:14	09/03/14 16:31	1
Chlordane (technical)	0.35	U	1.0	0.35	ug/L		09/03/14 06:14	09/03/14 16:31	1
Toxaphene	0.70	U	5.1	0.70	ug/L		09/03/14 06:14	09/03/14 16:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*77*		*20 - 142*	*09/03/14 06:14*	*09/03/14 16:31*	*1*
Tetrachloro-m-xylene	*108*		*22 - 134*	*09/03/14 06:14*	*09/03/14 16:31*	*1*

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**62**		9.9	6.0	mg/Kg			08/29/14 15:48	1
Sulfate	6.0	U	9.9	6.0	mg/Kg			08/29/14 15:48	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.38	U	0.76	0.38	mg/Kg	☼	08/26/14 09:51	09/03/14 05:26	1
Arsenic	**7.2**		1.9	0.76	mg/Kg	☼	08/26/14 09:51	09/03/14 05:26	1
Barium	**42**		3.8	0.99	mg/Kg	☼	08/26/14 09:51	09/03/14 05:26	1
Beryllium	**0.72**		0.38	0.19	mg/Kg	☼	08/26/14 09:51	09/03/14 05:26	1
Cadmium	**0.92**		0.38	0.092	mg/Kg	☼	08/26/14 09:51	09/03/14 05:26	1
Chromium	**40**		3.8	1.9	mg/Kg	☼	08/26/14 09:51	09/03/14 05:26	1
Copper	**53**		3.8	1.5	mg/Kg	☼	08/26/14 09:51	09/03/14 05:26	1
Sodium	**2900**		190	120	mg/Kg	☼	08/26/14 09:51	09/03/14 05:26	1
Nickel	**15**		3.8	1.9	mg/Kg	☼	08/26/14 09:51	09/03/14 05:26	1
Lead	**130**		1.5	0.76	mg/Kg	☼	08/26/14 09:51	09/03/14 05:26	1
Antimony	3.8	U	7.6	3.8	mg/Kg	☼	08/26/14 09:51	09/03/14 05:26	1
Selenium	**3.5**	**I**	3.8	1.9	mg/Kg	☼	08/26/14 09:51	09/03/14 05:26	1
Thallium	0.19	U	0.76	0.19	mg/Kg	☼	08/26/14 09:51	09/03/14 05:26	1
Zinc	**150**		15	4.2	mg/Kg	☼	08/26/14 09:51	09/03/14 05:26	1

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 19:03	1
Arsenic	**17**		2.5	2.5	ug/L		09/12/14 15:52	09/12/14 19:03	1
Barium	**5.2**		5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:03	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 19:03	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 19:03	1
Chromium	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:03	1
Copper	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:03	1
Nickel	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:03	1
Lead	**1.7**		1.5	1.5	ug/L		09/12/14 15:52	09/12/14 19:03	1
Antimony	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:03	1
Selenium	2.5	U	2.5	2.5	ug/L		09/12/14 15:52	09/12/14 19:03	1
Thallium	1.0	U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 19:03	1
Zinc	20	U	20	20	ug/L		09/12/14 15:52	09/12/14 19:03	1

Client Sample ID: Comp 5-1B

Lab Sample ID: 660-62441-5

Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/02/14 09:24	09/03/14 10:03	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.29**		0.13	0.055	mg/Kg	☼	08/26/14 13:39	08/27/14 15:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**3400**		120	51	mg/Kg	☼	08/27/14 08:39	08/27/14 17:49	50
Total Kjeldahl Nitrogen	**9300**		780	470	mg/Kg	☼	09/02/14 16:09	09/03/14 14:35	2
Total Phosphorus as P	**1700**		160	85	mg/Kg	☼	09/02/14 16:09	09/03/14 13:43	1
Cyanide, Total	1.6	U	3.7	1.6	mg/Kg	☼	08/27/14 08:10	08/27/14 12:25	1
Phenolics, Total Recoverable	9.7	U	39	9.7	mg/Kg	☼	08/29/14 08:49	08/29/14 14:01	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	4.3	U	16	4.3	mg/Kg	☼		08/28/14 12:40	1

Client Sample ID: Comp 5-2B

Lab Sample ID: 660-62441-6

Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 20.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.12	J3 U	0.48	0.12	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
Acrylonitrile	0.16	U	0.48	0.16	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
Benzene	0.0035	U	0.024	0.0035	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
Bromoform	0.0072	U	0.024	0.0072	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
Bromomethane	0.0072	U	0.024	0.0072	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
Carbon tetrachloride	0.0040	U	0.024	0.0040	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
Chlorobenzene	0.0046	U	0.024	0.0046	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
Chloroethane	0.013	U	0.024	0.013	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
Chloroform	0.0053	U	0.024	0.0053	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
Chloromethane	0.0048	U	0.024	0.0048	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
Dibromochloromethane	0.0082	U	0.024	0.0082	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
1,2-Dichlorobenzene	0.0063	U	0.024	0.0063	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
1,3-Dichlorobenzene	0.0077	U	0.024	0.0077	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
1,4-Dichlorobenzene	0.0036	U	0.024	0.0036	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
Dichlorodifluoromethane	0.0045	U	0.024	0.0045	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
1,1-Dichloroethane	0.0053	U	0.024	0.0053	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
1,2-Dichloroethane	0.0053	U	0.024	0.0053	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
cis-1,2-Dichloroethene	0.0068	U	0.024	0.0068	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
trans-1,2-Dichloroethene	0.0030	U	0.024	0.0030	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
1,1-Dichloroethene	0.0072	U	0.024	0.0072	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
1,2-Dichloropropane	0.0041	U	0.024	0.0041	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
cis-1,3-Dichloropropene	0.0040	U	0.024	0.0040	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
trans-1,3-Dichloropropene	0.0042	U	0.024	0.0042	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
Ethylbenzene	0.0063	U	0.024	0.0063	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
Methylene Chloride	0.0047	J3 U	0.024	0.0047	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
Methyl tert-butyl ether	0.0048	U	0.048	0.0048	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1

Client Sample ID: Comp 5-2B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-6
Matrix: Solid
Percent Solids: 20.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.0092	U	0.024	0.0092	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
Toluene	0.0041	U	0.024	0.0041	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
1,2,4-Trichlorobenzene	0.0043	U	0.024	0.0043	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
1,1,1-Trichloroethane	0.0028	U	0.024	0.0028	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
1,1,2-Trichloroethane	0.0063	U	0.024	0.0063	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
Trichloroethene	0.0063	U	0.024	0.0063	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
Vinyl chloride	0.0072	U	0.024	0.0072	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1
Xylenes, Total	0.0053	U	0.048	0.0053	mg/Kg	☼	08/29/14 08:00	08/29/14 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 130*	*08/29/14 08:00*	*08/29/14 18:12*	*1*
Dibromofluoromethane (Surr)	*88*		*65 - 130*	*08/29/14 08:00*	*08/29/14 18:12*	*1*
4-Bromofluorobenzene (Surr)	*115*		*65 - 130*	*08/29/14 08:00*	*08/29/14 18:12*	*1*
Toluene-d8 (Surr)	*95*		*65 - 130*	*08/29/14 08:00*	*08/29/14 18:12*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	U	20	20	ug/L			08/29/14 14:31	1
Acrylonitrile	20	U	20	20	ug/L			08/29/14 14:31	1
Benzene	1.0	U	1.0	1.0	ug/L			08/29/14 14:31	1
Bromoform	1.0	U	1.0	1.0	ug/L			08/29/14 14:31	1
Bromomethane	5.0	U	5.0	5.0	ug/L			08/29/14 14:31	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			08/29/14 14:31	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 14:31	1
Chloroethane	5.0	U	5.0	5.0	ug/L			08/29/14 14:31	1
Chloroform	1.0	U	1.0	1.0	ug/L			08/29/14 14:31	1
Chloromethane	1.0	U	1.0	1.0	ug/L			08/29/14 14:31	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			08/29/14 14:31	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 14:31	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 14:31	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 14:31	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			08/29/14 14:31	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 14:31	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 14:31	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 14:31	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 14:31	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 14:31	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			08/29/14 14:31	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			08/29/14 14:31	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			08/29/14 14:31	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			08/29/14 14:31	1
Methylene Chloride	**24**		5.0	5.0	ug/L			08/29/14 14:31	1
Methyl tert-butyl ether	10	U	10	10	ug/L			08/29/14 14:31	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 14:31	1
Toluene	1.0	U	1.0	1.0	ug/L			08/29/14 14:31	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			08/29/14 14:31	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 14:31	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 14:31	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 14:31	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			08/29/14 14:31	1

Client Sample ID: Comp 5-2B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-6
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	2.0	ug/L			08/29/14 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*08/29/14 14:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*08/29/14 14:31*	*1*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*		*08/29/14 14:31*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*08/29/14 14:31*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.20	U	1.6	0.20	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Acenaphthylene	0.18	U	1.6	0.18	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Anthracene	0.12	U	1.6	0.12	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Benzo[a]anthracene	0.13	U	1.6	0.13	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Benzo[a]pyrene	0.25	U	1.6	0.25	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Benzo[b]fluoranthene	0.19	U	1.6	0.19	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Benzo[g,h,i]perylene	0.11	U	1.6	0.11	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Benzo[k]fluoranthene	0.32	U	1.6	0.32	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Bis(2-chloroethoxy)methane	0.19	U	1.6	0.19	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Bis(2-chloroethyl)ether	0.22	U	1.6	0.22	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
bis (2-chloroisopropyl) ether	0.15	U	1.6	0.15	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Bis(2-ethylhexyl) phthalate	0.14	U	1.6	0.14	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
4-Bromophenyl phenyl ether	0.18	U	1.6	0.18	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Butyl benzyl phthalate	0.13	U	1.6	0.13	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
4-Chloroaniline	0.25	U	3.2	0.25	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
4-Chloro-3-methylphenol	0.17	U	1.6	0.17	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
2-Chloronaphthalene	0.17	U	1.6	0.17	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
2-Chlorophenol	0.19	U	1.6	0.19	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
4-Chlorophenyl phenyl ether	0.21	U	1.6	0.21	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Chrysene	0.10	U	1.6	0.10	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Dibenz(a,h)anthracene	0.19	U	1.6	0.19	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Dibenzofuran	0.16	U	1.6	0.16	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
3,3'-Dichlorobenzidine	0.14	U	3.2	0.14	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
2,4-Dichlorophenol	0.17	U	1.6	0.17	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Diethyl phthalate	0.18	U	1.6	0.18	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
2,4-Dimethylphenol	0.21	U	1.6	0.21	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Dimethyl phthalate	0.17	U	1.6	0.17	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Di-n-butyl phthalate	0.15	U	1.6	0.15	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
4,6-Dinitro-2-methylphenol	0.83	U	8.3	0.83	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
2,4-Dinitrophenol	4.0	U	8.3	4.0	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
2,4-Dinitrotoluene	0.24	U	1.6	0.24	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
2,6-Dinitrotoluene	0.20	U	1.6	0.20	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Di-n-octyl phthalate	0.14	U	1.6	0.14	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
1,2-Diphenylhydrazine(as Azobenzene)	0.17	U	1.6	0.17	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Fluoranthene	0.16	U	1.6	0.16	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Fluorene	0.18	U	1.6	0.18	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Hexachlorobenzene	0.19	U	1.6	0.19	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Hexachlorobutadiene	0.18	U	1.6	0.18	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Hexachlorocyclopentadiene	0.20	U	1.6	0.20	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1

Client Sample ID: Comp 5-2B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-6
Matrix: Solid
Percent Solids: 20.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	0.14	U	1.6	0.14	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Indeno[1,2,3-cd]pyrene	0.14	U	1.6	0.14	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Isophorone	0.16	U	1.6	0.16	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
2-Methylnaphthalene	0.19	U	1.6	0.19	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
1-Methylnaphthalene	0.15	U	1.6	0.15	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Naphthalene	0.15	U	1.6	0.15	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Nitrobenzene	0.13	U	1.6	0.13	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
2-Nitrophenol	0.20	U	1.6	0.20	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
4-Nitrophenol	1.6	U	8.3	1.6	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
N-Nitrosodimethylamine	0.58	U	1.6	0.58	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
N-Nitrosodi-n-propylamine	0.16	U	1.6	0.16	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
N-Nitrosodiphenylamine	0.16	U	1.6	0.16	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Pentachlorophenol	1.6	U	8.3	1.6	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Phenanthrene	0.13	U	1.6	0.13	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Phenol	0.17	U	1.6	0.17	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
Pyrene	0.13	U	1.6	0.13	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1
2,4,6-Trichlorophenol	0.14	U	1.6	0.14	mg/Kg	☼	08/28/14 21:32	09/02/14 18:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*50*		*45 - 129*	*08/28/14 21:32*	*09/02/14 18:42*	*1*
2-Fluorobiphenyl	*45*		*41 - 116*	*08/28/14 21:32*	*09/02/14 18:42*	*1*
2-Fluorophenol (Surr)	*49*		*39 - 114*	*08/28/14 21:32*	*09/02/14 18:42*	*1*
Terphenyl-d14 (Surr)	*44*	*J1*	*46 - 126*	*08/28/14 21:32*	*09/02/14 18:42*	*1*
Phenol-d5 (Surr)	*49*		*38 - 122*	*08/28/14 21:32*	*09/02/14 18:42*	*1*
Nitrobenzene-d5 (Surr)	*50*		*37 - 115*	*08/28/14 21:32*	*09/02/14 18:42*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.3	U	11	1.3	ug/L		09/02/14 19:00	09/04/14 11:57	1
Acenaphthylene	0.92	U	11	0.92	ug/L		09/02/14 19:00	09/04/14 11:57	1
Anthracene	0.93	U	11	0.93	ug/L		09/02/14 19:00	09/04/14 11:57	1
Benzo[a]anthracene	0.96	U	11	0.96	ug/L		09/02/14 19:00	09/04/14 11:57	1
Benzo[a]pyrene	0.97	U	11	0.97	ug/L		09/02/14 19:00	09/04/14 11:57	1
Benzo[b]fluoranthene	0.87	U	11	0.87	ug/L		09/02/14 19:00	09/04/14 11:57	1
Benzo[g,h,i]perylene	2.1	U	11	2.1	ug/L		09/02/14 19:00	09/04/14 11:57	1
Benzo[k]fluoranthene	0.93	U	11	0.93	ug/L		09/02/14 19:00	09/04/14 11:57	1
Bis(2-chloroethoxy)methane	1.0	U	11	1.0	ug/L		09/02/14 19:00	09/04/14 11:57	1
Bis(2-chloroethyl)ether	2.1	U	11	2.1	ug/L		09/02/14 19:00	09/04/14 11:57	1
bis (2-chloroisopropyl) ether	1.2	U	11	1.2	ug/L		09/02/14 19:00	09/04/14 11:57	1
Bis(2-ethylhexyl) phthalate	**6.3**	**I V**	11	2.7	ug/L		09/02/14 19:00	09/04/14 11:57	1
4-Bromophenyl phenyl ether	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 11:57	1
Butyl benzyl phthalate	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 11:57	1
4-Chloroaniline	1.8	U	22	1.8	ug/L		09/02/14 19:00	09/04/14 11:57	1
4-Chloro-3-methylphenol	1.2	U	11	1.2	ug/L		09/02/14 19:00	09/04/14 11:57	1
2-Chloronaphthalene	1.5	U	11	1.5	ug/L		09/02/14 19:00	09/04/14 11:57	1
2-Chlorophenol	1.7	U	11	1.7	ug/L		09/02/14 19:00	09/04/14 11:57	1
4-Chlorophenyl phenyl ether	1.6	U	11	1.6	ug/L		09/02/14 19:00	09/04/14 11:57	1
Chrysene	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 11:57	1
Dibenz(a,h)anthracene	2.5	U	11	2.5	ug/L		09/02/14 19:00	09/04/14 11:57	1
Dibenzofuran	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 11:57	1

Client Sample ID: Comp 5-2B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-6
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	7.4	U	22	7.4	ug/L		09/02/14 19:00	09/04/14 11:57	1
2,4-Dichlorophenol	3.6	U	11	3.6	ug/L		09/02/14 19:00	09/04/14 11:57	1
Diethyl phthalate	0.98	U	11	0.98	ug/L		09/02/14 19:00	09/04/14 11:57	1
2,4-Dimethylphenol	4.1	U	11	4.1	ug/L		09/02/14 19:00	09/04/14 11:57	1
Dimethyl phthalate	1.4	U	11	1.4	ug/L		09/02/14 19:00	09/04/14 11:57	1
Di-n-butyl phthalate	2.1	U	11	2.1	ug/L		09/02/14 19:00	09/04/14 11:57	1
4,6-Dinitro-2-methylphenol	1.1	U	54	1.1	ug/L		09/02/14 19:00	09/04/14 11:57	1
2,4-Dinitrophenol	3.4	U	54	3.4	ug/L		09/02/14 19:00	09/04/14 11:57	1
2,4-Dinitrotoluene	1.8	U	11	1.8	ug/L		09/02/14 19:00	09/04/14 11:57	1
2,6-Dinitrotoluene	2.3	U	11	2.3	ug/L		09/02/14 19:00	09/04/14 11:57	1
Di-n-octyl phthalate	2.2	U	11	2.2	ug/L		09/02/14 19:00	09/04/14 11:57	1
1,2-Diphenylhydrazine(as Azobenzene)	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 11:57	1
Fluoranthene	1.5	U	11	1.5	ug/L		09/02/14 19:00	09/04/14 11:57	1
Fluorene	0.98	U	11	0.98	ug/L		09/02/14 19:00	09/04/14 11:57	1
Hexachlorobenzene	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 11:57	1
Hexachlorobutadiene	2.1	U	11	2.1	ug/L		09/02/14 19:00	09/04/14 11:57	1
Hexachlorocyclopentadiene	2.3	U	11	2.3	ug/L		09/02/14 19:00	09/04/14 11:57	1
Hexachloroethane	4.9	U	11	4.9	ug/L		09/02/14 19:00	09/04/14 11:57	1
Indeno[1,2,3-cd]pyrene	2.6	U	11	2.6	ug/L		09/02/14 19:00	09/04/14 11:57	1
Isophorone	0.92	U	11	0.92	ug/L		09/02/14 19:00	09/04/14 11:57	1
2-Methylnaphthalene	1.6	U	11	1.6	ug/L		09/02/14 19:00	09/04/14 11:57	1
1-Methylnaphthalene	2.8	U	11	2.8	ug/L		09/02/14 19:00	09/04/14 11:57	1
Naphthalene	1.5	U	11	1.5	ug/L		09/02/14 19:00	09/04/14 11:57	1
Nitrobenzene	1.7	U	11	1.7	ug/L		09/02/14 19:00	09/04/14 11:57	1
2-Nitrophenol	1.0	U	11	1.0	ug/L		09/02/14 19:00	09/04/14 11:57	1
4-Nitrophenol	2.3	U	54	2.3	ug/L		09/02/14 19:00	09/04/14 11:57	1
N-Nitrosodimethylamine	2.6	U	11	2.6	ug/L		09/02/14 19:00	09/04/14 11:57	1
N-Nitrosodi-n-propylamine	1.0	U	11	1.0	ug/L		09/02/14 19:00	09/04/14 11:57	1
N-Nitrosodiphenylamine	0.67	U	11	0.67	ug/L		09/02/14 19:00	09/04/14 11:57	1
Pentachlorophenol	1.2	U	54	1.2	ug/L		09/02/14 19:00	09/04/14 11:57	1
Phenanthrene	1.5	U	11	1.5	ug/L		09/02/14 19:00	09/04/14 11:57	1
Phenol	1.3	U	11	1.3	ug/L		09/02/14 19:00	09/04/14 11:57	1
Pyrene	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 11:57	1
2,4,6-Trichlorophenol	1.3	U	11	1.3	ug/L		09/02/14 19:00	09/04/14 11:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*83*		*24 - 113*	*09/02/14 19:00*	*09/04/14 11:57*	*1*
2-Fluorophenol (Surr)	*86*		*12 - 105*	*09/02/14 19:00*	*09/04/14 11:57*	*1*
Nitrobenzene-d5 (Surr)	*89*		*26 - 107*	*09/02/14 19:00*	*09/04/14 11:57*	*1*
Phenol-d5 (Surr)	*84*		*17 - 111*	*09/02/14 19:00*	*09/04/14 11:57*	*1*
Terphenyl-d14 (Surr)	*66*		*36 - 127*	*09/02/14 19:00*	*09/04/14 11:57*	*1*
2,4,6-Tribromophenol (Surr)	*79*		*48 - 124*	*09/02/14 19:00*	*09/04/14 11:57*	*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	0.00088	U	0.0083	0.00088	mg/Kg	☼	08/27/14 22:43	08/28/14 19:39	1
4,4'-DDE	**0.0039**	**I**	0.0083	0.00088	mg/Kg	☼	08/27/14 22:43	08/28/14 19:39	1
4,4'-DDT	0.0011	U	0.0083	0.0011	mg/Kg	☼	08/27/14 22:43	08/28/14 19:39	1
Aldrin	0.00073	U	0.0083	0.00073	mg/Kg	☼	08/27/14 22:43	08/28/14 19:39	1

Client Sample ID: Comp 5-2B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-6
Matrix: Solid
Percent Solids: 20.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	0.00068	U	0.0083	0.00068	mg/Kg	☼	08/27/14 22:43	08/28/14 19:39	1
beta-BHC	0.0016	U	0.0083	0.0016	mg/Kg	☼	08/27/14 22:43	08/28/14 19:39	1
Chlordane (technical)	0.014	U	0.083	0.014	mg/Kg	☼	08/27/14 22:43	08/28/14 19:39	1
delta-BHC	0.00092	U	0.0083	0.00092	mg/Kg	☼	08/27/14 22:43	08/28/14 19:39	1
Dieldrin	0.00083	U	0.0083	0.00083	mg/Kg	☼	08/27/14 22:43	08/28/14 19:39	1
Endosulfan I	0.00083	U	0.0083	0.00083	mg/Kg	☼	08/27/14 22:43	08/28/14 19:39	1
Endosulfan II	0.00073	U	0.0083	0.00073	mg/Kg	☼	08/27/14 22:43	08/28/14 19:39	1
Endosulfan sulfate	0.0010	U	0.0083	0.0010	mg/Kg	☼	08/27/14 22:43	08/28/14 19:39	1
Endrin	0.0011	U	0.0083	0.0011	mg/Kg	☼	08/27/14 22:43	08/28/14 19:39	1
Endrin aldehyde	0.0011	U	0.0083	0.0011	mg/Kg	☼	08/27/14 22:43	08/28/14 19:39	1
Endrin ketone	0.00097	U	0.0083	0.00097	mg/Kg	☼	08/27/14 22:43	08/28/14 19:39	1
gamma-BHC (Lindane)	0.00068	U	0.0083	0.00068	mg/Kg	☼	08/27/14 22:43	08/28/14 19:39	1
Heptachlor	0.00092	U	0.0083	0.00092	mg/Kg	☼	08/27/14 22:43	08/28/14 19:39	1
Heptachlor epoxide	0.00078	U	0.0083	0.00078	mg/Kg	☼	08/27/14 22:43	08/28/14 19:39	1
Methoxychlor	0.0014	U	0.0083	0.0014	mg/Kg	☼	08/27/14 22:43	08/28/14 19:39	1
Toxaphene	0.027	U	0.83	0.027	mg/Kg	☼	08/27/14 22:43	08/28/14 19:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*37*	*J1*	*54 - 133*	*08/27/14 22:43*	*08/28/14 19:39*	*1*
Tetrachloro-m-xylene	*41*	*J1*	*46 - 130*	*08/27/14 22:43*	*08/28/14 19:39*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	U	0.099	0.013	ug/L		09/03/14 06:14	09/03/14 16:46	1
4,4'-DDE	0.013	U	0.099	0.013	ug/L		09/03/14 06:14	09/03/14 16:46	1
4,4'-DDT	0.013	U	0.099	0.013	ug/L		09/03/14 06:14	09/03/14 16:46	1
Aldrin	0.0020	U	0.050	0.0020	ug/L		09/03/14 06:14	09/03/14 16:46	1
alpha-BHC	0.0060	U	0.050	0.0060	ug/L		09/03/14 06:14	09/03/14 16:46	1
beta-BHC	0.013	U	0.050	0.013	ug/L		09/03/14 06:14	09/03/14 16:46	1
delta-BHC	0.013	U	0.050	0.013	ug/L		09/03/14 06:14	09/03/14 16:46	1
Dieldrin	0.0020	U	0.099	0.0020	ug/L		09/03/14 06:14	09/03/14 16:46	1
Endosulfan I	0.013	U	0.050	0.013	ug/L		09/03/14 06:14	09/03/14 16:46	1
Endosulfan II	0.013	U	0.099	0.013	ug/L		09/03/14 06:14	09/03/14 16:46	1
Endosulfan sulfate	0.013	U	0.099	0.013	ug/L		09/03/14 06:14	09/03/14 16:46	1
Endrin	0.013	U	0.099	0.013	ug/L		09/03/14 06:14	09/03/14 16:46	1
Endrin aldehyde	0.013	U	0.099	0.013	ug/L		09/03/14 06:14	09/03/14 16:46	1
Endrin ketone	0.013	U	0.099	0.013	ug/L		09/03/14 06:14	09/03/14 16:46	1
gamma-BHC (Lindane)	0.013	U	0.050	0.013	ug/L		09/03/14 06:14	09/03/14 16:46	1
Heptachlor	0.013	U	0.050	0.013	ug/L		09/03/14 06:14	09/03/14 16:46	1
Heptachlor epoxide	0.013	U	0.050	0.013	ug/L		09/03/14 06:14	09/03/14 16:46	1
Methoxychlor	0.013	U	0.50	0.013	ug/L		09/03/14 06:14	09/03/14 16:46	1
Chlordane (technical)	0.34	U	0.99	0.34	ug/L		09/03/14 06:14	09/03/14 16:46	1
Toxaphene	0.67	U	5.0	0.67	ug/L		09/03/14 06:14	09/03/14 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*51*		*20 - 142*	*09/03/14 06:14*	*09/03/14 16:46*	*1*
Tetrachloro-m-xylene	*96*		*22 - 134*	*09/03/14 06:14*	*09/03/14 16:46*	*1*

Client Sample ID: Comp 5-2B

Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-6

Matrix: Solid

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**240**		49	30	mg/Kg			08/29/14 16:02	5
Sulfate	30	U	49	30	mg/Kg			08/29/14 16:02	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.24	U	0.48	0.24	mg/Kg	☼	08/26/14 09:51	09/03/14 05:33	1
Arsenic	**6.4**		1.2	0.48	mg/Kg	☼	08/26/14 09:51	09/03/14 05:33	1
Barium	**58**		2.4	0.62	mg/Kg	☼	08/26/14 09:51	09/03/14 05:33	1
Beryllium	**0.89**		0.24	0.12	mg/Kg	☼	08/26/14 09:51	09/03/14 05:33	1
Cadmium	**0.69**		0.24	0.057	mg/Kg	☼	08/26/14 09:51	09/03/14 05:33	1
Chromium	**39**		2.4	1.2	mg/Kg	☼	08/26/14 09:51	09/03/14 05:33	1
Copper	**26**		2.4	0.96	mg/Kg	☼	08/26/14 09:51	09/03/14 05:33	1
Sodium	**3800**		120	76	mg/Kg	☼	08/26/14 09:51	09/03/14 05:33	1
Nickel	**12**		2.4	1.2	mg/Kg	☼	08/26/14 09:51	09/03/14 05:33	1
Lead	**45**		0.96	0.48	mg/Kg	☼	08/26/14 09:51	09/03/14 05:33	1
Antimony	2.4	U	4.8	2.4	mg/Kg	☼	08/26/14 09:51	09/03/14 05:33	1
Selenium	**3.4**		2.4	1.2	mg/Kg	☼	08/26/14 09:51	09/03/14 05:33	1
Thallium	**0.16**	**I**	0.48	0.12	mg/Kg	☼	08/26/14 09:51	09/03/14 05:33	1
Zinc	**88**		9.6	2.6	mg/Kg	☼	08/26/14 09:51	09/03/14 05:33	1

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 19:10	1
Arsenic	**19**		2.5	2.5	ug/L		09/12/14 15:52	09/12/14 19:10	1
Barium	**6.1**		5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:10	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 19:10	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 19:10	1
Chromium	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:10	1
Copper	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:10	1
Nickel	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:10	1
Lead	**1.9**		1.5	1.5	ug/L		09/12/14 15:52	09/12/14 19:10	1
Antimony	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:10	1
Selenium	**3.7**		2.5	2.5	ug/L		09/12/14 15:52	09/12/14 19:10	1
Thallium	1.0	U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 19:10	1
Zinc	20	U	20	20	ug/L		09/12/14 15:52	09/12/14 19:10	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/02/14 09:24	09/03/14 10:06	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.20**		0.094	0.038	mg/Kg	☼	08/26/14 13:39	08/27/14 15:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**580**		29	13	mg/Kg	☼	08/27/14 08:39	08/27/14 16:40	20
Total Kjeldahl Nitrogen	**4200**		230	140	mg/Kg	☼	09/02/14 16:09	09/03/14 13:44	1
Total Phosphorus as P	**1000**		91	50	mg/Kg	☼	09/02/14 16:09	09/03/14 13:44	1
Cyanide, Total	1.0	U	2.4	1.0	mg/Kg	☼	08/27/14 08:10	08/27/14 12:29	1
Phenolics, Total Recoverable	6.0	U	24	6.0	mg/Kg	☼	08/29/14 08:49	08/29/14 14:01	1

Client Sample ID: Comp 5-2B

Lab Sample ID: 660-62441-6

Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 20.5

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	2.7	U	9.7	2.7	mg/Kg	☼		08/28/14 12:42	1

Client Sample ID: Comp 6-1B

Lab Sample ID: 660-62441-7

Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 39.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.060	J3 U	0.25	0.060	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
Acrylonitrile	0.086	U	0.25	0.086	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
Benzene	0.0018	U	0.013	0.0018	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
Bromoform	0.0038	U	0.013	0.0038	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
Bromomethane	0.0038	U	0.013	0.0038	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
Carbon tetrachloride	0.0021	U	0.013	0.0021	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
Chlorobenzene	0.0024	U	0.013	0.0024	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
Chloroethane	0.0068	U	0.013	0.0068	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
Chloroform	0.0028	U	0.013	0.0028	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
Chloromethane	0.0025	U	0.013	0.0025	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
Dibromochloromethane	0.0043	U	0.013	0.0043	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
1,2-Dichlorobenzene	0.0033	U	0.013	0.0033	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
1,3-Dichlorobenzene	0.0040	U	0.013	0.0040	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
1,4-Dichlorobenzene	0.0019	U	0.013	0.0019	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
Dichlorodifluoromethane	0.0024	U	0.013	0.0024	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
1,1-Dichloroethane	0.0028	U	0.013	0.0028	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
1,2-Dichloroethane	0.0028	U	0.013	0.0028	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
cis-1,2-Dichloroethene	0.0035	U	0.013	0.0035	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
trans-1,2-Dichloroethene	0.0016	U	0.013	0.0016	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
1,1-Dichloroethene	0.0038	U	0.013	0.0038	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
1,2-Dichloropropane	0.0022	U	0.013	0.0022	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
cis-1,3-Dichloropropene	0.0021	U	0.013	0.0021	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
trans-1,3-Dichloropropene	0.0022	U	0.013	0.0022	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
Ethylbenzene	0.0033	U	0.013	0.0033	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
Methylene Chloride	0.0025	U	0.013	0.0025	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
Methyl tert-butyl ether	0.0025	U	0.025	0.0025	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
Tetrachloroethene	0.0048	U	0.013	0.0048	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
Toluene	0.0021	U	0.013	0.0021	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
1,2,4-Trichlorobenzene	0.0022	U	0.013	0.0022	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
1,1,1-Trichloroethane	0.0015	U	0.013	0.0015	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
1,1,2-Trichloroethane	0.0033	U	0.013	0.0033	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
Trichloroethene	0.0033	U	0.013	0.0033	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
Vinyl chloride	0.0038	U	0.013	0.0038	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1
Xylenes, Total	0.0028	U	0.025	0.0028	mg/Kg	☼	08/29/14 08:00	08/30/14 16:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*65 - 130*	*08/29/14 08:00*	*08/30/14 16:31*	*1*
Dibromofluoromethane (Surr)	*86*		*65 - 130*	*08/29/14 08:00*	*08/30/14 16:31*	*1*
4-Bromofluorobenzene (Surr)	*116*		*65 - 130*	*08/29/14 08:00*	*08/30/14 16:31*	*1*
Toluene-d8 (Surr)	*94*		*65 - 130*	*08/29/14 08:00*	*08/30/14 16:31*	*1*

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp 6-1B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-7
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	U	20	20	ug/L			08/29/14 14:52	1
Acrylonitrile	20	U	20	20	ug/L			08/29/14 14:52	1
Benzene	1.0	U	1.0	1.0	ug/L			08/29/14 14:52	1
Bromoform	1.0	U	1.0	1.0	ug/L			08/29/14 14:52	1
Bromomethane	5.0	U	5.0	5.0	ug/L			08/29/14 14:52	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			08/29/14 14:52	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 14:52	1
Chloroethane	5.0	U	5.0	5.0	ug/L			08/29/14 14:52	1
Chloroform	1.0	U	1.0	1.0	ug/L			08/29/14 14:52	1
Chloromethane	1.0	U	1.0	1.0	ug/L			08/29/14 14:52	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			08/29/14 14:52	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 14:52	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 14:52	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 14:52	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			08/29/14 14:52	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 14:52	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 14:52	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 14:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 14:52	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 14:52	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			08/29/14 14:52	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			08/29/14 14:52	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			08/29/14 14:52	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			08/29/14 14:52	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			08/29/14 14:52	1
Methyl tert-butyl ether	10	U	10	10	ug/L			08/29/14 14:52	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 14:52	1
Toluene	1.0	U	1.0	1.0	ug/L			08/29/14 14:52	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			08/29/14 14:52	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 14:52	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 14:52	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 14:52	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			08/29/14 14:52	1
Xylenes, Total	2.0	U	2.0	2.0	ug/L			08/29/14 14:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*08/29/14 14:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*08/29/14 14:52*	*1*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*		*08/29/14 14:52*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*08/29/14 14:52*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.10	U	0.83	0.10	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Acenaphthylene	0.091	U	0.83	0.091	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Anthracene	0.063	U	0.83	0.063	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Benzo[a]anthracene	0.068	U	0.83	0.068	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Benzo[a]pyrene	0.13	U	0.83	0.13	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Benzo[b]fluoranthene	0.096	U	0.83	0.096	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Benzo[g,h,i]perylene	0.055	U	0.83	0.055	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp 6-1B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-7
Matrix: Solid
Percent Solids: 39.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.16	U	0.83	0.16	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Bis(2-chloroethoxy)methane	0.098	U	0.83	0.098	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Bis(2-chloroethyl)ether	0.11	U	0.83	0.11	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
bis (2-chloroisopropyl) ether	0.075	U	0.83	0.075	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Bis(2-ethylhexyl) phthalate	0.073	U	0.83	0.073	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
4-Bromophenyl phenyl ether	0.091	U	0.83	0.091	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Butyl benzyl phthalate	0.065	U	0.83	0.065	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
4-Chloroaniline	0.13	U	1.7	0.13	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
4-Chloro-3-methylphenol	0.088	U	0.83	0.088	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
2-Chloronaphthalene	0.088	U	0.83	0.088	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
2-Chlorophenol	0.10	U	0.83	0.10	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
4-Chlorophenyl phenyl ether	0.11	U	0.83	0.11	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Chrysene	0.053	U	0.83	0.053	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Dibenz(a,h)anthracene	0.098	U	0.83	0.098	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Dibenzofuran	0.083	U	0.83	0.083	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
3,3'-Dichlorobenzidine	0.070	U	1.7	0.070	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
2,4-Dichlorophenol	0.088	U	0.83	0.088	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Diethyl phthalate	0.093	U	0.83	0.093	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
2,4-Dimethylphenol	0.11	U	0.83	0.11	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Dimethyl phthalate	0.086	U	0.83	0.086	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Di-n-butyl phthalate	0.075	U	0.83	0.075	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
4,6-Dinitro-2-methylphenol	0.43	U	4.3	0.43	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
2,4-Dinitrophenol	2.1	U	4.3	2.1	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
2,4-Dinitrotoluene	0.12	U	0.83	0.12	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
2,6-Dinitrotoluene	0.11	U	0.83	0.11	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Di-n-octyl phthalate	0.073	U	0.83	0.073	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
1,2-Diphenylhydrazine(as Azobenzene)	0.086	U	0.83	0.086	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Fluoranthene	0.081	U	0.83	0.081	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Fluorene	0.091	U	0.83	0.091	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Hexachlorobenzene	0.098	U	0.83	0.098	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Hexachlorobutadiene	0.091	U	0.83	0.091	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Hexachlorocyclopentadiene	0.10	U	0.83	0.10	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Hexachloroethane	0.070	U	0.83	0.070	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Indeno[1,2,3-cd]pyrene	0.070	U	0.83	0.070	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Isophorone	0.083	U	0.83	0.083	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
2-Methylnaphthalene	0.096	U	0.83	0.096	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
1-Methylnaphthalene	0.078	U	0.83	0.078	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Naphthalene	0.075	U	0.83	0.075	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Nitrobenzene	0.065	U	0.83	0.065	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
2-Nitrophenol	0.10	U	0.83	0.10	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
4-Nitrophenol	0.83	U	4.3	0.83	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
N-Nitrosodimethylamine	0.30	U	0.83	0.30	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
N-Nitrosodi-n-propylamine	0.081	U	0.83	0.081	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
N-Nitrosodiphenylamine	0.083	U	0.83	0.083	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Pentachlorophenol	0.83	U	4.3	0.83	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Phenanthrene	0.068	U	0.83	0.068	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Phenol	0.086	U	0.83	0.086	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
Pyrene	0.068	U	0.83	0.068	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1
2,4,6-Trichlorophenol	0.073	U	0.83	0.073	mg/Kg	☼	08/28/14 21:32	09/02/14 19:06	1

Client Sample ID: Comp 6-1B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-7
Matrix: Solid
Percent Solids: 39.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	49		45 - 129	08/28/14 21:32	09/02/14 19:06	1
2-Fluorobiphenyl	43		41 - 116	08/28/14 21:32	09/02/14 19:06	1
2-Fluorophenol (Surr)	51		39 - 114	08/28/14 21:32	09/02/14 19:06	1
Terphenyl-d14 (Surr)	42	J1	46 - 126	08/28/14 21:32	09/02/14 19:06	1
Phenol-d5 (Surr)	48		38 - 122	08/28/14 21:32	09/02/14 19:06	1
Nitrobenzene-d5 (Surr)	49		37 - 115	08/28/14 21:32	09/02/14 19:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.3	U	11	1.3	ug/L		09/02/14 19:00	09/04/14 12:28	1
Acenaphthylene	0.92	U	11	0.92	ug/L		09/02/14 19:00	09/04/14 12:28	1
Anthracene	0.93	U	11	0.93	ug/L		09/02/14 19:00	09/04/14 12:28	1
Benzo[a]anthracene	0.96	U	11	0.96	ug/L		09/02/14 19:00	09/04/14 12:28	1
Benzo[a]pyrene	0.97	U	11	0.97	ug/L		09/02/14 19:00	09/04/14 12:28	1
Benzo[b]fluoranthene	0.87	U	11	0.87	ug/L		09/02/14 19:00	09/04/14 12:28	1
Benzo[g,h,i]perylene	2.1	U	11	2.1	ug/L		09/02/14 19:00	09/04/14 12:28	1
Benzo[k]fluoranthene	0.93	U	11	0.93	ug/L		09/02/14 19:00	09/04/14 12:28	1
Bis(2-chloroethoxy)methane	1.0	U	11	1.0	ug/L		09/02/14 19:00	09/04/14 12:28	1
Bis(2-chloroethyl)ether	2.1	U	11	2.1	ug/L		09/02/14 19:00	09/04/14 12:28	1
bis (2-chloroisopropyl) ether	1.2	U	11	1.2	ug/L		09/02/14 19:00	09/04/14 12:28	1
Bis(2-ethylhexyl) phthalate	**8.4**	**I V**	11	2.7	ug/L		09/02/14 19:00	09/04/14 12:28	1
4-Bromophenyl phenyl ether	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 12:28	1
Butyl benzyl phthalate	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 12:28	1
4-Chloroaniline	1.8	U	22	1.8	ug/L		09/02/14 19:00	09/04/14 12:28	1
4-Chloro-3-methylphenol	1.2	U	11	1.2	ug/L		09/02/14 19:00	09/04/14 12:28	1
2-Chloronaphthalene	1.5	U	11	1.5	ug/L		09/02/14 19:00	09/04/14 12:28	1
2-Chlorophenol	1.7	U	11	1.7	ug/L		09/02/14 19:00	09/04/14 12:28	1
4-Chlorophenyl phenyl ether	1.6	U	11	1.6	ug/L		09/02/14 19:00	09/04/14 12:28	1
Chrysene	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 12:28	1
Dibenz(a,h)anthracene	2.5	U	11	2.5	ug/L		09/02/14 19:00	09/04/14 12:28	1
Dibenzofuran	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 12:28	1
3,3'-Dichlorobenzidine	7.4	U	22	7.4	ug/L		09/02/14 19:00	09/04/14 12:28	1
2,4-Dichlorophenol	3.6	U	11	3.6	ug/L		09/02/14 19:00	09/04/14 12:28	1
Diethyl phthalate	0.98	U	11	0.98	ug/L		09/02/14 19:00	09/04/14 12:28	1
2,4-Dimethylphenol	4.1	U	11	4.1	ug/L		09/02/14 19:00	09/04/14 12:28	1
Dimethyl phthalate	1.4	U	11	1.4	ug/L		09/02/14 19:00	09/04/14 12:28	1
Di-n-butyl phthalate	2.1	U	11	2.1	ug/L		09/02/14 19:00	09/04/14 12:28	1
4,6-Dinitro-2-methylphenol	1.1	U	54	1.1	ug/L		09/02/14 19:00	09/04/14 12:28	1
2,4-Dinitrophenol	3.4	U	54	3.4	ug/L		09/02/14 19:00	09/04/14 12:28	1
2,4-Dinitrotoluene	1.8	U	11	1.8	ug/L		09/02/14 19:00	09/04/14 12:28	1
2,6-Dinitrotoluene	2.3	U	11	2.3	ug/L		09/02/14 19:00	09/04/14 12:28	1
Di-n-octyl phthalate	2.2	U	11	2.2	ug/L		09/02/14 19:00	09/04/14 12:28	1
1,2-Diphenylhydrazine(as Azobenzene)	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 12:28	1
Fluoranthene	1.5	U	11	1.5	ug/L		09/02/14 19:00	09/04/14 12:28	1
Fluorene	0.98	U	11	0.98	ug/L		09/02/14 19:00	09/04/14 12:28	1
Hexachlorobenzene	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 12:28	1
Hexachlorobutadiene	2.1	U	11	2.1	ug/L		09/02/14 19:00	09/04/14 12:28	1
Hexachlorocyclopentadiene	2.3	U	11	2.3	ug/L		09/02/14 19:00	09/04/14 12:28	1
Hexachloroethane	4.9	U	11	4.9	ug/L		09/02/14 19:00	09/04/14 12:28	1

Client Sample ID: Comp 6-1B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-7
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	2.6	U	11	2.6	ug/L		09/02/14 19:00	09/04/14 12:28	1
Isophorone	0.92	U	11	0.92	ug/L		09/02/14 19:00	09/04/14 12:28	1
2-Methylnaphthalene	1.6	U	11	1.6	ug/L		09/02/14 19:00	09/04/14 12:28	1
1-Methylnaphthalene	2.8	U	11	2.8	ug/L		09/02/14 19:00	09/04/14 12:28	1
Naphthalene	1.5	U	11	1.5	ug/L		09/02/14 19:00	09/04/14 12:28	1
Nitrobenzene	1.7	U	11	1.7	ug/L		09/02/14 19:00	09/04/14 12:28	1
2-Nitrophenol	1.0	U	11	1.0	ug/L		09/02/14 19:00	09/04/14 12:28	1
4-Nitrophenol	2.3	U	54	2.3	ug/L		09/02/14 19:00	09/04/14 12:28	1
N-Nitrosodimethylamine	2.6	U	11	2.6	ug/L		09/02/14 19:00	09/04/14 12:28	1
N-Nitrosodi-n-propylamine	1.0	U	11	1.0	ug/L		09/02/14 19:00	09/04/14 12:28	1
N-Nitrosodiphenylamine	0.67	U	11	0.67	ug/L		09/02/14 19:00	09/04/14 12:28	1
Pentachlorophenol	1.2	U	54	1.2	ug/L		09/02/14 19:00	09/04/14 12:28	1
Phenanthrene	1.5	U	11	1.5	ug/L		09/02/14 19:00	09/04/14 12:28	1
Phenol	1.3	U	11	1.3	ug/L		09/02/14 19:00	09/04/14 12:28	1
Pyrene	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 12:28	1
2,4,6-Trichlorophenol	1.3	U	11	1.3	ug/L		09/02/14 19:00	09/04/14 12:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*87*		*24 - 113*	*09/02/14 19:00*	*09/04/14 12:28*	*1*
2-Fluorophenol (Surr)	*79*		*12 - 105*	*09/02/14 19:00*	*09/04/14 12:28*	*1*
Nitrobenzene-d5 (Surr)	*83*		*26 - 107*	*09/02/14 19:00*	*09/04/14 12:28*	*1*
Phenol-d5 (Surr)	*80*		*17 - 111*	*09/02/14 19:00*	*09/04/14 12:28*	*1*
Terphenyl-d14 (Surr)	*85*		*36 - 127*	*09/02/14 19:00*	*09/04/14 12:28*	*1*
2,4,6-Tribromophenol (Surr)	*80*		*48 - 124*	*09/02/14 19:00*	*09/04/14 12:28*	*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	0.00045	U	0.0043	0.00045	mg/Kg	☼	08/27/14 22:43	08/28/14 19:54	1
4,4'-DDE	0.00045	U	0.0043	0.00045	mg/Kg	☼	08/27/14 22:43	08/28/14 19:54	1
4,4'-DDT	0.00055	U	0.0043	0.00055	mg/Kg	☼	08/27/14 22:43	08/28/14 19:54	1
Aldrin	0.00038	U	0.0043	0.00038	mg/Kg	☼	08/27/14 22:43	08/28/14 19:54	1
alpha-BHC	0.00035	U	0.0043	0.00035	mg/Kg	☼	08/27/14 22:43	08/28/14 19:54	1
beta-BHC	0.00083	U	0.0043	0.00083	mg/Kg	☼	08/27/14 22:43	08/28/14 19:54	1
Chlordane (technical)	0.0073	U	0.043	0.0073	mg/Kg	☼	08/27/14 22:43	08/28/14 19:54	1
delta-BHC	0.00048	U	0.0043	0.00048	mg/Kg	☼	08/27/14 22:43	08/28/14 19:54	1
Dieldrin	0.00043	U	0.0043	0.00043	mg/Kg	☼	08/27/14 22:43	08/28/14 19:54	1
Endosulfan I	0.00043	U	0.0043	0.00043	mg/Kg	☼	08/27/14 22:43	08/28/14 19:54	1
Endosulfan II	0.00038	U	0.0043	0.00038	mg/Kg	☼	08/27/14 22:43	08/28/14 19:54	1
Endosulfan sulfate	0.00053	U	0.0043	0.00053	mg/Kg	☼	08/27/14 22:43	08/28/14 19:54	1
Endrin	0.00055	U	0.0043	0.00055	mg/Kg	☼	08/27/14 22:43	08/28/14 19:54	1
Endrin aldehyde	0.00055	U	0.0043	0.00055	mg/Kg	☼	08/27/14 22:43	08/28/14 19:54	1
Endrin ketone	0.00050	U	0.0043	0.00050	mg/Kg	☼	08/27/14 22:43	08/28/14 19:54	1
gamma-BHC (Lindane)	0.00035	U	0.0043	0.00035	mg/Kg	☼	08/27/14 22:43	08/28/14 19:54	1
Heptachlor	0.00048	U	0.0043	0.00048	mg/Kg	☼	08/27/14 22:43	08/28/14 19:54	1
Heptachlor epoxide	0.00040	U	0.0043	0.00040	mg/Kg	☼	08/27/14 22:43	08/28/14 19:54	1
Methoxychlor	0.00071	U	0.0043	0.00071	mg/Kg	☼	08/27/14 22:43	08/28/14 19:54	1
Toxaphene	0.014	U	0.43	0.014	mg/Kg	☼	08/27/14 22:43	08/28/14 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*18*	*J1*	*54 - 133*	*08/27/14 22:43*	*08/28/14 19:54*	*1*

Client Sample ID: Comp 6-1B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-7
Matrix: Solid
Percent Solids: 39.7

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*18*	*J1*	*46 - 130*	*08/27/14 22:43*	*08/28/14 19:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.012	U	0.096	0.012	ug/L		09/03/14 06:14	09/03/14 17:00	1
4,4'-DDE	0.012	U	0.096	0.012	ug/L		09/03/14 06:14	09/03/14 17:00	1
4,4'-DDT	0.012	U	0.096	0.012	ug/L		09/03/14 06:14	09/03/14 17:00	1
Aldrin	0.0019	U	0.048	0.0019	ug/L		09/03/14 06:14	09/03/14 17:00	1
alpha-BHC	0.0058	U	0.048	0.0058	ug/L		09/03/14 06:14	09/03/14 17:00	1
beta-BHC	0.012	U	0.048	0.012	ug/L		09/03/14 06:14	09/03/14 17:00	1
delta-BHC	0.012	U	0.048	0.012	ug/L		09/03/14 06:14	09/03/14 17:00	1
Dieldrin	0.0019	U	0.096	0.0019	ug/L		09/03/14 06:14	09/03/14 17:00	1
Endosulfan I	0.012	U	0.048	0.012	ug/L		09/03/14 06:14	09/03/14 17:00	1
Endosulfan II	0.012	U	0.096	0.012	ug/L		09/03/14 06:14	09/03/14 17:00	1
Endosulfan sulfate	0.012	U	0.096	0.012	ug/L		09/03/14 06:14	09/03/14 17:00	1
Endrin	0.012	U	0.096	0.012	ug/L		09/03/14 06:14	09/03/14 17:00	1
Endrin aldehyde	0.012	U	0.096	0.012	ug/L		09/03/14 06:14	09/03/14 17:00	1
Endrin ketone	0.012	U	0.096	0.012	ug/L		09/03/14 06:14	09/03/14 17:00	1
gamma-BHC (Lindane)	0.012	U	0.048	0.012	ug/L		09/03/14 06:14	09/03/14 17:00	1
Heptachlor	0.012	U	0.048	0.012	ug/L		09/03/14 06:14	09/03/14 17:00	1
Heptachlor epoxide	0.012	U	0.048	0.012	ug/L		09/03/14 06:14	09/03/14 17:00	1
Methoxychlor	0.012	U	0.48	0.012	ug/L		09/03/14 06:14	09/03/14 17:00	1
Chlordane (technical)	0.33	U	0.96	0.33	ug/L		09/03/14 06:14	09/03/14 17:00	1
Toxaphene	0.65	U	4.8	0.65	ug/L		09/03/14 06:14	09/03/14 17:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*17*	*J1*	*20 - 142*	*09/03/14 06:14*	*09/03/14 17:00*	*1*
Tetrachloro-m-xylene	*108*		*22 - 134*	*09/03/14 06:14*	*09/03/14 17:00*	*1*

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**130**	**J3**	50	30	mg/Kg			08/29/14 16:16	5
Sulfate	30	J3 U	50	30	mg/Kg			08/29/14 16:16	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.11	U	0.22	0.11	mg/Kg	☼	08/26/14 09:51	09/03/14 05:41	1
Arsenic	**1.9**		0.56	0.22	mg/Kg	☼	08/26/14 09:51	09/03/14 05:41	1
Barium	**11**		1.1	0.29	mg/Kg	☼	08/26/14 09:51	09/03/14 05:41	1
Beryllium	**0.19**		0.11	0.056	mg/Kg	☼	08/26/14 09:51	09/03/14 05:41	1
Cadmium	**0.16**		0.11	0.027	mg/Kg	☼	08/26/14 09:51	09/03/14 05:41	1
Chromium	**9.1**		1.1	0.56	mg/Kg	☼	08/26/14 09:51	09/03/14 05:41	1
Copper	**9.2**		1.1	0.45	mg/Kg	☼	08/26/14 09:51	09/03/14 05:41	1
Sodium	**410**		56	36	mg/Kg	☼	08/26/14 09:51	09/03/14 05:41	1
Nickel	**3.6**		1.1	0.56	mg/Kg	☼	08/26/14 09:51	09/03/14 05:41	1
Lead	**19**		0.45	0.22	mg/Kg	☼	08/26/14 09:51	09/03/14 05:41	1
Antimony	1.1	U	2.2	1.1	mg/Kg	☼	08/26/14 09:51	09/03/14 05:41	1
Selenium	**0.72**	**I**	1.1	0.56	mg/Kg	☼	08/26/14 09:51	09/03/14 05:41	1
Thallium	0.056	U	0.22	0.056	mg/Kg	☼	08/26/14 09:51	09/03/14 05:41	1
Zinc	**34**		4.5	1.2	mg/Kg	☼	08/26/14 09:51	09/03/14 05:41	1

Client Sample ID: Comp 6-1B

Lab Sample ID: 660-62441-7

Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 19:17	1
Arsenic	**11**		2.5	2.5	ug/L		09/12/14 15:52	09/12/14 19:17	1
Barium	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:17	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 19:17	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 19:17	1
Chromium	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:17	1
Copper	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:17	1
Nickel	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:17	1
Lead	1.5	U	1.5	1.5	ug/L		09/12/14 15:52	09/12/14 19:17	1
Antimony	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:17	1
Selenium	2.5	U	2.5	2.5	ug/L		09/12/14 15:52	09/12/14 19:17	1
Thallium	1.0	U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 19:17	1
Zinc	20	U	20	20	ug/L		09/12/14 15:52	09/12/14 19:17	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/02/14 09:24	09/03/14 10:09	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.067**		0.043	0.018	mg/Kg	☼	08/26/14 13:39	08/27/14 15:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**100**		3.8	1.6	mg/Kg	☼	08/27/14 08:39	08/27/14 16:10	5
Total Kjeldahl Nitrogen	**2700**		250	150	mg/Kg	☼	09/02/14 16:09	09/03/14 14:36	2
Total Phosphorus as P	**510**		50	28	mg/Kg	☼	09/02/14 16:09	09/03/14 13:45	1
Cyanide, Total	0.53	U	1.3	0.53	mg/Kg	☼	08/27/14 08:10	08/27/14 12:30	1
Phenolics, Total Recoverable	2.9	U	12	2.9	mg/Kg	☼	08/29/14 08:49	08/29/14 14:01	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	1.4	U	5.0	1.4	mg/Kg	☼		08/28/14 12:43	1

Client Sample ID: Comp 6-2B

Lab Sample ID: 660-62441-8

Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 52.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.046	J3 U	0.19	0.046	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
Acrylonitrile	0.065	U	0.19	0.065	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
Benzene	0.0014	U	0.0096	0.0014	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
Bromoform	0.0029	U	0.0096	0.0029	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
Bromomethane	0.0029	U	0.0096	0.0029	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
Carbon tetrachloride	0.0016	U	0.0096	0.0016	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
Chlorobenzene	0.0018	U	0.0096	0.0018	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
Chloroethane	0.0052	U	0.0096	0.0052	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
Chloroform	0.0021	U	0.0096	0.0021	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
Chloromethane	0.0019	U	0.0096	0.0019	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
Dibromochloromethane	0.0033	U	0.0096	0.0033	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1

Client Sample ID: Comp 6-2B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-8
Matrix: Solid
Percent Solids: 52.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	0.0025	U	0.0096	0.0025	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
1,3-Dichlorobenzene	0.0031	U	0.0096	0.0031	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
1,4-Dichlorobenzene	0.0014	U	0.0096	0.0014	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
Dichlorodifluoromethane	0.0018	U	0.0096	0.0018	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
1,1-Dichloroethane	0.0021	U	0.0096	0.0021	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
1,2-Dichloroethane	0.0021	U	0.0096	0.0021	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
cis-1,2-Dichloroethene	0.0027	U	0.0096	0.0027	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
trans-1,2-Dichloroethene	0.0012	U	0.0096	0.0012	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
1,1-Dichloroethene	0.0029	U	0.0096	0.0029	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
1,2-Dichloropropane	0.0017	U	0.0096	0.0017	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
cis-1,3-Dichloropropene	0.0016	U	0.0096	0.0016	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
trans-1,3-Dichloropropene	0.0017	U	0.0096	0.0017	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
Ethylbenzene	0.0025	U	0.0096	0.0025	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
Methylene Chloride	0.0019	J3 U	0.0096	0.0019	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
Methyl tert-butyl ether	0.0019	U	0.019	0.0019	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
Tetrachloroethene	0.0036	U	0.0096	0.0036	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
Toluene	0.0016	U	0.0096	0.0016	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
1,2,4-Trichlorobenzene	0.0017	U	0.0096	0.0017	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
1,1,1-Trichloroethane	0.0011	U	0.0096	0.0011	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
1,1,2-Trichloroethane	0.0025	U	0.0096	0.0025	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
Trichloroethene	0.0025	U	0.0096	0.0025	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
Vinyl chloride	0.0029	U	0.0096	0.0029	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1
Xylenes, Total	0.0021	U	0.019	0.0021	mg/Kg	☼	08/29/14 08:00	08/29/14 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 130*	*08/29/14 08:00*	*08/29/14 18:55*	*1*
Dibromofluoromethane (Surr)	*87*		*65 - 130*	*08/29/14 08:00*	*08/29/14 18:55*	*1*
4-Bromofluorobenzene (Surr)	*115*		*65 - 130*	*08/29/14 08:00*	*08/29/14 18:55*	*1*
Toluene-d8 (Surr)	*99*		*65 - 130*	*08/29/14 08:00*	*08/29/14 18:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	U	20	20	ug/L			08/29/14 15:14	1
Acrylonitrile	20	U	20	20	ug/L			08/29/14 15:14	1
Benzene	1.0	U	1.0	1.0	ug/L			08/29/14 15:14	1
Bromoform	1.0	U	1.0	1.0	ug/L			08/29/14 15:14	1
Bromomethane	5.0	U	5.0	5.0	ug/L			08/29/14 15:14	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			08/29/14 15:14	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 15:14	1
Chloroethane	5.0	U	5.0	5.0	ug/L			08/29/14 15:14	1
Chloroform	1.0	U	1.0	1.0	ug/L			08/29/14 15:14	1
Chloromethane	1.0	U	1.0	1.0	ug/L			08/29/14 15:14	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			08/29/14 15:14	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 15:14	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 15:14	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 15:14	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			08/29/14 15:14	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 15:14	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 15:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 15:14	1

Client Sample ID: Comp 6-2B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-8
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 15:14	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 15:14	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			08/29/14 15:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			08/29/14 15:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			08/29/14 15:14	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			08/29/14 15:14	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			08/29/14 15:14	1
Methyl tert-butyl ether	10	U	10	10	ug/L			08/29/14 15:14	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 15:14	1
Toluene	1.0	U	1.0	1.0	ug/L			08/29/14 15:14	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			08/29/14 15:14	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 15:14	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 15:14	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 15:14	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			08/29/14 15:14	1
Xylenes, Total	2.0	U	2.0	2.0	ug/L			08/29/14 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*08/29/14 15:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*08/29/14 15:14*	*1*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*		*08/29/14 15:14*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*08/29/14 15:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.079	U	0.63	0.079	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Acenaphthylene	0.069	U	0.63	0.069	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Anthracene	0.048	U	0.63	0.048	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Benzo[a]anthracene	0.052	U	0.63	0.052	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Benzo[a]pyrene	0.10	U	0.63	0.10	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Benzo[b]fluoranthene	0.073	U	0.63	0.073	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Benzo[g,h,i]perylene	0.042	U	0.63	0.042	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Benzo[k]fluoranthene	0.12	U	0.63	0.12	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Bis(2-chloroethoxy)methane	0.075	U	0.63	0.075	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Bis(2-chloroethyl)ether	0.086	U	0.63	0.086	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
bis (2-chloroisopropyl) ether	0.058	U	0.63	0.058	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Bis(2-ethylhexyl) phthalate	0.056	U	0.63	0.056	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
4-Bromophenyl phenyl ether	0.069	U	0.63	0.069	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Butyl benzyl phthalate	0.050	U	0.63	0.050	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
4-Chloroaniline	0.10	U	1.3	0.10	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
4-Chloro-3-methylphenol	0.067	U	0.63	0.067	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
2-Chloronaphthalene	0.067	U	0.63	0.067	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
2-Chlorophenol	0.077	U	0.63	0.077	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
4-Chlorophenyl phenyl ether	0.085	U	0.63	0.085	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Chrysene	0.040	U	0.63	0.040	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Dibenz(a,h)anthracene	0.075	U	0.63	0.075	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Dibenzofuran	0.063	U	0.63	0.063	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
3,3'-Dichlorobenzidine	0.054	U	1.3	0.054	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
2,4-Dichlorophenol	0.067	U	0.63	0.067	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Diethyl phthalate	0.071	U	0.63	0.071	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1

Client Sample ID: Comp 6-2B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-8
Matrix: Solid
Percent Solids: 52.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	0.085	U	0.63	0.085	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Dimethyl phthalate	0.065	U	0.63	0.065	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Di-n-butyl phthalate	0.058	U	0.63	0.058	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
4,6-Dinitro-2-methylphenol	0.33	U	3.3	0.33	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
2,4-Dinitrophenol	1.6	U	3.3	1.6	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
2,4-Dinitrotoluene	0.094	U	0.63	0.094	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
2,6-Dinitrotoluene	0.081	U	0.63	0.081	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Di-n-octyl phthalate	0.056	U	0.63	0.056	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
1,2-Diphenylhydrazine(as Azobenzene)	0.065	U	0.63	0.065	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Fluoranthene	0.061	U	0.63	0.061	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Fluorene	0.069	U	0.63	0.069	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Hexachlorobenzene	0.075	U	0.63	0.075	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Hexachlorobutadiene	0.069	U	0.63	0.069	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Hexachlorocyclopentadiene	0.079	U	0.63	0.079	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Hexachloroethane	0.054	U	0.63	0.054	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Indeno[1,2,3-cd]pyrene	0.054	U	0.63	0.054	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Isophorone	0.063	U	0.63	0.063	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
2-Methylnaphthalene	0.073	U	0.63	0.073	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
1-Methylnaphthalene	0.060	U	0.63	0.060	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Naphthalene	0.058	U	0.63	0.058	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Nitrobenzene	0.050	U	0.63	0.050	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
2-Nitrophenol	0.079	U	0.63	0.079	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
4-Nitrophenol	0.63	U	3.3	0.63	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
N-Nitrosodimethylamine	0.23	U	0.63	0.23	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
N-Nitrosodi-n-propylamine	0.061	U	0.63	0.061	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
N-Nitrosodiphenylamine	0.063	U	0.63	0.063	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Pentachlorophenol	0.63	U	3.3	0.63	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Phenanthrene	0.052	U	0.63	0.052	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Phenol	0.065	U	0.63	0.065	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
Pyrene	0.052	U	0.63	0.052	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1
2,4,6-Trichlorophenol	0.056	U	0.63	0.056	mg/Kg	☼	08/28/14 21:32	09/02/14 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*58*		*45 - 129*	*08/28/14 21:32*	*09/02/14 19:30*	*1*
2-Fluorobiphenyl	*46*		*41 - 116*	*08/28/14 21:32*	*09/02/14 19:30*	*1*
2-Fluorophenol (Surr)	*58*		*39 - 114*	*08/28/14 21:32*	*09/02/14 19:30*	*1*
Terphenyl-d14 (Surr)	*45*	*J1*	*46 - 126*	*08/28/14 21:32*	*09/02/14 19:30*	*1*
Phenol-d5 (Surr)	*62*		*38 - 122*	*08/28/14 21:32*	*09/02/14 19:30*	*1*
Nitrobenzene-d5 (Surr)	*50*		*37 - 115*	*08/28/14 21:32*	*09/02/14 19:30*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.2	U	10	1.2	ug/L		09/02/14 19:00	09/04/14 13:29	1
Acenaphthylene	0.85	U	10	0.85	ug/L		09/02/14 19:00	09/04/14 13:29	1
Anthracene	0.86	U	10	0.86	ug/L		09/02/14 19:00	09/04/14 13:29	1
Benzo[a]anthracene	0.88	U	10	0.88	ug/L		09/02/14 19:00	09/04/14 13:29	1
Benzo[a]pyrene	0.89	U	10	0.89	ug/L		09/02/14 19:00	09/04/14 13:29	1
Benzo[b]fluoranthene	0.80	U	10	0.80	ug/L		09/02/14 19:00	09/04/14 13:29	1
Benzo[g,h,i]perylene	1.9	U	10	1.9	ug/L		09/02/14 19:00	09/04/14 13:29	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp 6-2B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-8
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.86	U	10	0.86	ug/L		09/02/14 19:00	09/04/14 13:29	1
Bis(2-chloroethoxy)methane	0.96	U	10	0.96	ug/L		09/02/14 19:00	09/04/14 13:29	1
Bis(2-chloroethyl)ether	1.9	U	10	1.9	ug/L		09/02/14 19:00	09/04/14 13:29	1
bis (2-chloroisopropyl) ether	1.1	U	10	1.1	ug/L		09/02/14 19:00	09/04/14 13:29	1
Bis(2-ethylhexyl) phthalate	**8.1**	**I V**	10	2.5	ug/L		09/02/14 19:00	09/04/14 13:29	1
4-Bromophenyl phenyl ether	0.97	U	10	0.97	ug/L		09/02/14 19:00	09/04/14 13:29	1
Butyl benzyl phthalate	**4.7**	**I**	10	0.98	ug/L		09/02/14 19:00	09/04/14 13:29	1
4-Chloroaniline	1.7	U	20	1.7	ug/L		09/02/14 19:00	09/04/14 13:29	1
4-Chloro-3-methylphenol	1.1	U	10	1.1	ug/L		09/02/14 19:00	09/04/14 13:29	1
2-Chloronaphthalene	1.4	U	10	1.4	ug/L		09/02/14 19:00	09/04/14 13:29	1
2-Chlorophenol	1.6	U	10	1.6	ug/L		09/02/14 19:00	09/04/14 13:29	1
4-Chlorophenyl phenyl ether	1.5	U	10	1.5	ug/L		09/02/14 19:00	09/04/14 13:29	1
Chrysene	1.0	U	10	1.0	ug/L		09/02/14 19:00	09/04/14 13:29	1
Dibenz(a,h)anthracene	2.3	U	10	2.3	ug/L		09/02/14 19:00	09/04/14 13:29	1
Dibenzofuran	1.0	U	10	1.0	ug/L		09/02/14 19:00	09/04/14 13:29	1
3,3'-Dichlorobenzidine	6.8	U	20	6.8	ug/L		09/02/14 19:00	09/04/14 13:29	1
2,4-Dichlorophenol	3.3	U	10	3.3	ug/L		09/02/14 19:00	09/04/14 13:29	1
Diethyl phthalate	0.90	U	10	0.90	ug/L		09/02/14 19:00	09/04/14 13:29	1
2,4-Dimethylphenol	3.8	U	10	3.8	ug/L		09/02/14 19:00	09/04/14 13:29	1
Dimethyl phthalate	1.3	U	10	1.3	ug/L		09/02/14 19:00	09/04/14 13:29	1
Di-n-butyl phthalate	1.9	U	10	1.9	ug/L		09/02/14 19:00	09/04/14 13:29	1
4,6-Dinitro-2-methylphenol	1.0	U	50	1.0	ug/L		09/02/14 19:00	09/04/14 13:29	1
2,4-Dinitrophenol	3.1	U	50	3.1	ug/L		09/02/14 19:00	09/04/14 13:29	1
2,4-Dinitrotoluene	1.7	U	10	1.7	ug/L		09/02/14 19:00	09/04/14 13:29	1
2,6-Dinitrotoluene	2.1	U	10	2.1	ug/L		09/02/14 19:00	09/04/14 13:29	1
Di-n-octyl phthalate	2.0	U	10	2.0	ug/L		09/02/14 19:00	09/04/14 13:29	1
1,2-Diphenylhydrazine(as Azobenzene)	0.99	U	10	0.99	ug/L		09/02/14 19:00	09/04/14 13:29	1
Fluoranthene	1.4	U	10	1.4	ug/L		09/02/14 19:00	09/04/14 13:29	1
Fluorene	0.90	U	10	0.90	ug/L		09/02/14 19:00	09/04/14 13:29	1
Hexachlorobenzene	1.0	U	10	1.0	ug/L		09/02/14 19:00	09/04/14 13:29	1
Hexachlorobutadiene	1.9	U	10	1.9	ug/L		09/02/14 19:00	09/04/14 13:29	1
Hexachlorocyclopentadiene	2.1	U	10	2.1	ug/L		09/02/14 19:00	09/04/14 13:29	1
Hexachloroethane	4.5	U	10	4.5	ug/L		09/02/14 19:00	09/04/14 13:29	1
Indeno[1,2,3-cd]pyrene	2.4	U	10	2.4	ug/L		09/02/14 19:00	09/04/14 13:29	1
Isophorone	0.85	U	10	0.85	ug/L		09/02/14 19:00	09/04/14 13:29	1
2-Methylnaphthalene	1.5	U	10	1.5	ug/L		09/02/14 19:00	09/04/14 13:29	1
1-Methylnaphthalene	2.6	U	10	2.6	ug/L		09/02/14 19:00	09/04/14 13:29	1
Naphthalene	1.4	U	10	1.4	ug/L		09/02/14 19:00	09/04/14 13:29	1
Nitrobenzene	1.6	U	10	1.6	ug/L		09/02/14 19:00	09/04/14 13:29	1
2-Nitrophenol	0.96	U	10	0.96	ug/L		09/02/14 19:00	09/04/14 13:29	1
4-Nitrophenol	2.1	U	50	2.1	ug/L		09/02/14 19:00	09/04/14 13:29	1
N-Nitrosodimethylamine	2.4	U	10	2.4	ug/L		09/02/14 19:00	09/04/14 13:29	1
N-Nitrosodi-n-propylamine	0.93	U	10	0.93	ug/L		09/02/14 19:00	09/04/14 13:29	1
N-Nitrosodiphenylamine	0.62	U	10	0.62	ug/L		09/02/14 19:00	09/04/14 13:29	1
Pentachlorophenol	1.1	U	50	1.1	ug/L		09/02/14 19:00	09/04/14 13:29	1
Phenanthrene	1.4	U	10	1.4	ug/L		09/02/14 19:00	09/04/14 13:29	1
Phenol	1.2	U	10	1.2	ug/L		09/02/14 19:00	09/04/14 13:29	1
Pyrene	1.0	U	10	1.0	ug/L		09/02/14 19:00	09/04/14 13:29	1
2,4,6-Trichlorophenol	1.2	U	10	1.2	ug/L		09/02/14 19:00	09/04/14 13:29	1

Client Sample ID: Comp 6-2B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-8
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	81		24 - 113	09/02/14 19:00	09/04/14 13:29	1
2-Fluorophenol (Surr)	85		12 - 105	09/02/14 19:00	09/04/14 13:29	1
Nitrobenzene-d5 (Surr)	81		26 - 107	09/02/14 19:00	09/04/14 13:29	1
Phenol-d5 (Surr)	86		17 - 111	09/02/14 19:00	09/04/14 13:29	1
Terphenyl-d14 (Surr)	75		36 - 127	09/02/14 19:00	09/04/14 13:29	1
2,4,6-Tribromophenol (Surr)	78		48 - 124	09/02/14 19:00	09/04/14 13:29	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	0.00035	U	0.0033	0.00035	mg/Kg	☼	08/27/14 22:43	08/28/14 20:08	1
4,4'-DDE	**0.00056**	**I**	0.0033	0.00035	mg/Kg	☼	08/27/14 22:43	08/28/14 20:08	1
4,4'-DDT	0.00042	U	0.0033	0.00042	mg/Kg	☼	08/27/14 22:43	08/28/14 20:08	1
Aldrin	0.00029	U	0.0033	0.00029	mg/Kg	☼	08/27/14 22:43	08/28/14 20:08	1
alpha-BHC	0.00027	U	0.0033	0.00027	mg/Kg	☼	08/27/14 22:43	08/28/14 20:08	1
beta-BHC	0.00063	U	0.0033	0.00063	mg/Kg	☼	08/27/14 22:43	08/28/14 20:08	1
Chlordane (technical)	0.0056	U	0.033	0.0056	mg/Kg	☼	08/27/14 22:43	08/28/14 20:08	1
delta-BHC	0.00037	U	0.0033	0.00037	mg/Kg	☼	08/27/14 22:43	08/28/14 20:08	1
Dieldrin	0.00033	U	0.0033	0.00033	mg/Kg	☼	08/27/14 22:43	08/28/14 20:08	1
Endosulfan I	0.00033	U	0.0033	0.00033	mg/Kg	☼	08/27/14 22:43	08/28/14 20:08	1
Endosulfan II	0.00029	U	0.0033	0.00029	mg/Kg	☼	08/27/14 22:43	08/28/14 20:08	1
Endosulfan sulfate	0.00040	U	0.0033	0.00040	mg/Kg	☼	08/27/14 22:43	08/28/14 20:08	1
Endrin	0.00042	U	0.0033	0.00042	mg/Kg	☼	08/27/14 22:43	08/28/14 20:08	1
Endrin aldehyde	0.00042	U	0.0033	0.00042	mg/Kg	☼	08/27/14 22:43	08/28/14 20:08	1
Endrin ketone	0.00038	U	0.0033	0.00038	mg/Kg	☼	08/27/14 22:43	08/28/14 20:08	1
gamma-BHC (Lindane)	0.00027	U	0.0033	0.00027	mg/Kg	☼	08/27/14 22:43	08/28/14 20:08	1
Heptachlor	0.00037	U	0.0033	0.00037	mg/Kg	☼	08/27/14 22:43	08/28/14 20:08	1
Heptachlor epoxide	0.00031	U	0.0033	0.00031	mg/Kg	☼	08/27/14 22:43	08/28/14 20:08	1
Methoxychlor	0.00054	U	0.0033	0.00054	mg/Kg	☼	08/27/14 22:43	08/28/14 20:08	1
Toxaphene	0.011	U	0.33	0.011	mg/Kg	☼	08/27/14 22:43	08/28/14 20:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	17	J1	54 - 133	08/27/14 22:43	08/28/14 20:08	1
Tetrachloro-m-xylene	18	J1	46 - 130	08/27/14 22:43	08/28/14 20:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	U	0.099	0.013	ug/L		09/03/14 06:14	09/03/14 17:58	1
4,4'-DDE	0.013	U	0.099	0.013	ug/L		09/03/14 06:14	09/03/14 17:58	1
4,4'-DDT	0.013	U	0.099	0.013	ug/L		09/03/14 06:14	09/03/14 17:58	1
Aldrin	0.0020	U	0.050	0.0020	ug/L		09/03/14 06:14	09/03/14 17:58	1
alpha-BHC	0.0060	U	0.050	0.0060	ug/L		09/03/14 06:14	09/03/14 17:58	1
beta-BHC	0.013	U	0.050	0.013	ug/L		09/03/14 06:14	09/03/14 17:58	1
delta-BHC	0.013	U	0.050	0.013	ug/L		09/03/14 06:14	09/03/14 17:58	1
Dieldrin	0.0020	U	0.099	0.0020	ug/L		09/03/14 06:14	09/03/14 17:58	1
Endosulfan I	0.013	U	0.050	0.013	ug/L		09/03/14 06:14	09/03/14 17:58	1
Endosulfan II	0.013	U	0.099	0.013	ug/L		09/03/14 06:14	09/03/14 17:58	1
Endosulfan sulfate	0.013	U	0.099	0.013	ug/L		09/03/14 06:14	09/03/14 17:58	1
Endrin	0.013	U	0.099	0.013	ug/L		09/03/14 06:14	09/03/14 17:58	1
Endrin aldehyde	0.013	U	0.099	0.013	ug/L		09/03/14 06:14	09/03/14 17:58	1
Endrin ketone	0.013	U	0.099	0.013	ug/L		09/03/14 06:14	09/03/14 17:58	1
gamma-BHC (Lindane)	0.013	U	0.050	0.013	ug/L		09/03/14 06:14	09/03/14 17:58	1

Client Sample ID: Comp 6-2B

Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-8

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	0.013	U	0.050	0.013	ug/L		09/03/14 06:14	09/03/14 17:58	1
Heptachlor epoxide	0.013	U	0.050	0.013	ug/L		09/03/14 06:14	09/03/14 17:58	1
Methoxychlor	0.013	U	0.50	0.013	ug/L		09/03/14 06:14	09/03/14 17:58	1
Chlordane (technical)	0.34	U	0.99	0.34	ug/L		09/03/14 06:14	09/03/14 17:58	1
Toxaphene	0.68	U	5.0	0.68	ug/L		09/03/14 06:14	09/03/14 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*38*		*20 - 142*	*09/03/14 06:14*	*09/03/14 17:58*	*1*
Tetrachloro-m-xylene	*90*		*22 - 134*	*09/03/14 06:14*	*09/03/14 17:58*	*1*

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**330**		49	30	mg/Kg			08/29/14 17:29	5
Sulfate	30	U	49	30	mg/Kg			08/29/14 17:29	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.087	U	0.17	0.087	mg/Kg	☼	08/26/14 09:51	09/03/14 05:48	1
Arsenic	**1.5**		0.43	0.17	mg/Kg	☼	08/26/14 09:51	09/03/14 05:48	1
Barium	**8.1**		0.87	0.23	mg/Kg	☼	08/26/14 09:51	09/03/14 05:48	1
Beryllium	**0.17**		0.087	0.043	mg/Kg	☼	08/26/14 09:51	09/03/14 05:48	1
Cadmium	**0.077**	**I**	0.087	0.021	mg/Kg	☼	08/26/14 09:51	09/03/14 05:48	1
Chromium	**5.8**		0.87	0.43	mg/Kg	☼	08/26/14 09:51	09/03/14 05:48	1
Copper	**2.5**		0.87	0.35	mg/Kg	☼	08/26/14 09:51	09/03/14 05:48	1
Sodium	**520**		43	28	mg/Kg	☼	08/26/14 09:51	09/03/14 05:48	1
Nickel	**2.2**		0.87	0.43	mg/Kg	☼	08/26/14 09:51	09/03/14 05:48	1
Lead	**4.6**		0.35	0.17	mg/Kg	☼	08/26/14 09:51	09/03/14 05:48	1
Antimony	0.87	U	1.7	0.87	mg/Kg	☼	08/26/14 09:51	09/03/14 05:48	1
Selenium	**0.52**	**I**	0.87	0.43	mg/Kg	☼	08/26/14 09:51	09/03/14 05:48	1
Thallium	0.043	U	0.17	0.043	mg/Kg	☼	08/26/14 09:51	09/03/14 05:48	1
Zinc	**14**		3.5	0.95	mg/Kg	☼	08/26/14 09:51	09/03/14 05:48	1

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 19:24	1
Arsenic	**16**		2.5	2.5	ug/L		09/12/14 15:52	09/12/14 19:24	1
Barium	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:24	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 19:24	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 19:24	1
Chromium	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:24	1
Copper	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:24	1
Nickel	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:24	1
Lead	**3.9**		1.5	1.5	ug/L		09/12/14 15:52	09/12/14 19:24	1
Antimony	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:24	1
Selenium	**11**		2.5	2.5	ug/L		09/12/14 15:52	09/12/14 19:24	1
Thallium	1.0	U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 19:24	1
Zinc	**41**		20	20	ug/L		09/12/14 15:52	09/12/14 19:24	1

Client Sample ID: Comp 6-2B

Lab Sample ID: 660-62441-8

Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/02/14 09:24	09/03/14 10:17	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.027**	**I**	0.036	0.015	mg/Kg	☼	08/26/14 13:39	08/27/14 15:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**60**		2.9	1.3	mg/Kg	☼	08/27/14 08:39	08/27/14 16:20	5
Total Kjeldahl Nitrogen	**2400**		190	110	mg/Kg	☼	09/02/14 16:09	09/03/14 14:37	2
Total Phosphorus as P	**360**		38	21	mg/Kg	☼	09/02/14 16:09	09/03/14 13:47	1
Cyanide, Total	0.38	U	0.92	0.38	mg/Kg	☼	08/27/14 08:10	08/27/14 12:31	1
Phenolics, Total Recoverable	2.2	U	8.9	2.2	mg/Kg	☼	08/29/14 08:49	08/29/14 14:01	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	1.1	U	3.8	1.1	mg/Kg	☼		08/28/14 12:44	1

Client Sample ID: Comp 6-3B

Lab Sample ID: 660-62441-9

Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 16.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.14	J3 U	0.60	0.14	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
Acrylonitrile	0.20	U	0.60	0.20	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
Benzene	0.0044	U	0.030	0.0044	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
Bromoform	0.0089	U	0.030	0.0089	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
Bromomethane	0.0089	U	0.030	0.0089	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
Carbon tetrachloride	0.0050	U	0.030	0.0050	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
Chlorobenzene	0.0057	U	0.030	0.0057	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
Chloroethane	0.016	U	0.030	0.016	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
Chloroform	0.0066	U	0.030	0.0066	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
Chloromethane	0.0060	U	0.030	0.0060	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
Dibromochloromethane	0.010	U	0.030	0.010	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
1,2-Dichlorobenzene	0.0078	U	0.030	0.0078	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
1,3-Dichlorobenzene	0.0095	U	0.030	0.0095	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
1,4-Dichlorobenzene	0.0044	U	0.030	0.0044	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
Dichlorodifluoromethane	0.0056	U	0.030	0.0056	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
1,1-Dichloroethane	0.0066	U	0.030	0.0066	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
1,2-Dichloroethane	0.0066	U	0.030	0.0066	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
cis-1,2-Dichloroethene	0.0083	U	0.030	0.0083	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
trans-1,2-Dichloroethene	0.0038	U	0.030	0.0038	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
1,1-Dichloroethene	0.0089	U	0.030	0.0089	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
1,2-Dichloropropane	0.0051	U	0.030	0.0051	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
cis-1,3-Dichloropropene	0.0050	U	0.030	0.0050	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
trans-1,3-Dichloropropene	0.0052	U	0.030	0.0052	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
Ethylbenzene	0.0078	U	0.030	0.0078	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
Methylene Chloride	0.0058	J3 U	0.030	0.0058	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
Methyl tert-butyl ether	0.0060	U	0.060	0.0060	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1

Client Sample ID: Comp 6-3B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-9
Matrix: Solid
Percent Solids: 16.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.011	U	0.030	0.011	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
Toluene	0.0050	U	0.030	0.0050	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
1,2,4-Trichlorobenzene	0.0053	U	0.030	0.0053	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
1,1,1-Trichloroethane	0.0035	U	0.030	0.0035	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
1,1,2-Trichloroethane	0.0078	U	0.030	0.0078	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
Trichloroethene	0.0078	U	0.030	0.0078	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
Vinyl chloride	0.0089	U	0.030	0.0089	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1
Xylenes, Total	0.0066	U	0.060	0.0066	mg/Kg	☼	08/29/14 08:00	08/29/14 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 130*	*08/29/14 08:00*	*08/29/14 19:16*	*1*
Dibromofluoromethane (Surr)	*89*		*65 - 130*	*08/29/14 08:00*	*08/29/14 19:16*	*1*
4-Bromofluorobenzene (Surr)	*119*		*65 - 130*	*08/29/14 08:00*	*08/29/14 19:16*	*1*
Toluene-d8 (Surr)	*98*		*65 - 130*	*08/29/14 08:00*	*08/29/14 19:16*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	U	20	20	ug/L			08/29/14 15:35	1
Acrylonitrile	20	U	20	20	ug/L			08/29/14 15:35	1
Benzene	1.0	U	1.0	1.0	ug/L			08/29/14 15:35	1
Bromoform	1.0	U	1.0	1.0	ug/L			08/29/14 15:35	1
Bromomethane	5.0	U	5.0	5.0	ug/L			08/29/14 15:35	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			08/29/14 15:35	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 15:35	1
Chloroethane	5.0	U	5.0	5.0	ug/L			08/29/14 15:35	1
Chloroform	1.0	U	1.0	1.0	ug/L			08/29/14 15:35	1
Chloromethane	1.0	U	1.0	1.0	ug/L			08/29/14 15:35	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			08/29/14 15:35	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 15:35	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 15:35	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 15:35	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			08/29/14 15:35	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 15:35	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 15:35	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 15:35	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 15:35	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 15:35	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			08/29/14 15:35	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			08/29/14 15:35	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			08/29/14 15:35	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			08/29/14 15:35	1
Methylene Chloride	**17**		5.0	5.0	ug/L			08/29/14 15:35	1
Methyl tert-butyl ether	10	U	10	10	ug/L			08/29/14 15:35	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 15:35	1
Toluene	1.0	U	1.0	1.0	ug/L			08/29/14 15:35	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			08/29/14 15:35	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 15:35	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 15:35	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 15:35	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			08/29/14 15:35	1

Client Sample ID: Comp 6-3B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-9
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	2.0	ug/L			08/29/14 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*08/29/14 15:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*08/29/14 15:35*	*1*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*		*08/29/14 15:35*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*08/29/14 15:35*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.25	U	2.0	0.25	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Acenaphthylene	0.22	U	2.0	0.22	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Anthracene	0.15	U	2.0	0.15	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Benzo[a]anthracene	0.16	U	2.0	0.16	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Benzo[a]pyrene	0.31	U	2.0	0.31	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Benzo[b]fluoranthene	0.23	U	2.0	0.23	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Benzo[g,h,i]perylene	0.13	U	2.0	0.13	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Benzo[k]fluoranthene	0.39	U	2.0	0.39	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Bis(2-chloroethoxy)methane	0.23	U	2.0	0.23	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Bis(2-chloroethyl)ether	0.27	U	2.0	0.27	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
bis (2-chloroisopropyl) ether	0.18	U	2.0	0.18	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Bis(2-ethylhexyl) phthalate	0.17	U	2.0	0.17	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
4-Bromophenyl phenyl ether	0.22	U	2.0	0.22	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Butyl benzyl phthalate	0.16	U	2.0	0.16	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
4-Chloroaniline	0.31	U	4.0	0.31	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
4-Chloro-3-methylphenol	0.21	U	2.0	0.21	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
2-Chloronaphthalene	0.21	U	2.0	0.21	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
2-Chlorophenol	0.24	U	2.0	0.24	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
4-Chlorophenyl phenyl ether	0.26	U	2.0	0.26	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Chrysene	0.13	U	2.0	0.13	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Dibenz(a,h)anthracene	0.23	U	2.0	0.23	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Dibenzofuran	0.20	U	2.0	0.20	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
3,3'-Dichlorobenzidine	0.17	U	4.0	0.17	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
2,4-Dichlorophenol	0.21	U	2.0	0.21	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Diethyl phthalate	0.22	U	2.0	0.22	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
2,4-Dimethylphenol	0.26	U	2.0	0.26	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Dimethyl phthalate	0.20	U	2.0	0.20	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Di-n-butyl phthalate	0.18	U	2.0	0.18	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
4,6-Dinitro-2-methylphenol	1.0	U	10	1.0	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
2,4-Dinitrophenol	5.0	U	10	5.0	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
2,4-Dinitrotoluene	0.29	U	2.0	0.29	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
2,6-Dinitrotoluene	0.25	U	2.0	0.25	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Di-n-octyl phthalate	0.17	U	2.0	0.17	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
1,2-Diphenylhydrazine(as Azobenzene)	0.20	U	2.0	0.20	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Fluoranthene	0.19	U	2.0	0.19	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Fluorene	0.22	U	2.0	0.22	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Hexachlorobenzene	0.23	U	2.0	0.23	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Hexachlorobutadiene	0.22	U	2.0	0.22	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Hexachlorocyclopentadiene	0.25	U	2.0	0.25	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1

Client Sample ID: Comp 6-3B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-9
Matrix: Solid
Percent Solids: 16.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	0.17	U	2.0	0.17	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Indeno[1,2,3-cd]pyrene	0.17	U	2.0	0.17	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Isophorone	0.20	U	2.0	0.20	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
2-Methylnaphthalene	0.23	U	2.0	0.23	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
1-Methylnaphthalene	0.19	U	2.0	0.19	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Naphthalene	0.18	U	2.0	0.18	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Nitrobenzene	0.16	U	2.0	0.16	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
2-Nitrophenol	0.25	U	2.0	0.25	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
4-Nitrophenol	2.0	U	10	2.0	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
N-Nitrosodimethylamine	0.72	U	2.0	0.72	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
N-Nitrosodi-n-propylamine	0.19	U	2.0	0.19	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
N-Nitrosodiphenylamine	0.20	U	2.0	0.20	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Pentachlorophenol	2.0	U	10	2.0	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Phenanthrene	0.16	U	2.0	0.16	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Phenol	0.20	U	2.0	0.20	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
Pyrene	0.16	U	2.0	0.16	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1
2,4,6-Trichlorophenol	0.17	U	2.0	0.17	mg/Kg	☼	08/28/14 21:32	09/02/14 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*52*		*45 - 129*	*08/28/14 21:32*	*09/02/14 19:55*	*1*
2-Fluorobiphenyl	*47*		*41 - 116*	*08/28/14 21:32*	*09/02/14 19:55*	*1*
2-Fluorophenol (Surr)	*47*		*39 - 114*	*08/28/14 21:32*	*09/02/14 19:55*	*1*
Terphenyl-d14 (Surr)	*48*		*46 - 126*	*08/28/14 21:32*	*09/02/14 19:55*	*1*
Phenol-d5 (Surr)	*46*		*38 - 122*	*08/28/14 21:32*	*09/02/14 19:55*	*1*
Nitrobenzene-d5 (Surr)	*48*		*37 - 115*	*08/28/14 21:32*	*09/02/14 19:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.2	U	9.6	1.2	ug/L		09/02/14 19:00	09/04/14 14:00	1
Acenaphthylene	0.82	U	9.6	0.82	ug/L		09/02/14 19:00	09/04/14 14:00	1
Anthracene	0.83	U	9.6	0.83	ug/L		09/02/14 19:00	09/04/14 14:00	1
Benzo[a]anthracene	0.85	U	9.6	0.85	ug/L		09/02/14 19:00	09/04/14 14:00	1
Benzo[a]pyrene	0.86	U	9.6	0.86	ug/L		09/02/14 19:00	09/04/14 14:00	1
Benzo[b]fluoranthene	0.77	U	9.6	0.77	ug/L		09/02/14 19:00	09/04/14 14:00	1
Benzo[g,h,i]perylene	1.8	U	9.6	1.8	ug/L		09/02/14 19:00	09/04/14 14:00	1
Benzo[k]fluoranthene	0.83	U	9.6	0.83	ug/L		09/02/14 19:00	09/04/14 14:00	1
Bis(2-chloroethoxy)methane	0.92	U	9.6	0.92	ug/L		09/02/14 19:00	09/04/14 14:00	1
Bis(2-chloroethyl)ether	1.8	U	9.6	1.8	ug/L		09/02/14 19:00	09/04/14 14:00	1
bis (2-chloroisopropyl) ether	1.1	U	9.6	1.1	ug/L		09/02/14 19:00	09/04/14 14:00	1
Bis(2-ethylhexyl) phthalate	**11**	**V**	9.6	2.4	ug/L		09/02/14 19:00	09/04/14 14:00	1
4-Bromophenyl phenyl ether	0.93	U	9.6	0.93	ug/L		09/02/14 19:00	09/04/14 14:00	1
Butyl benzyl phthalate	0.94	U	9.6	0.94	ug/L		09/02/14 19:00	09/04/14 14:00	1
4-Chloroaniline	1.6	U	19	1.6	ug/L		09/02/14 19:00	09/04/14 14:00	1
4-Chloro-3-methylphenol	1.1	U	9.6	1.1	ug/L		09/02/14 19:00	09/04/14 14:00	1
2-Chloronaphthalene	1.3	U	9.6	1.3	ug/L		09/02/14 19:00	09/04/14 14:00	1
2-Chlorophenol	1.5	U	9.6	1.5	ug/L		09/02/14 19:00	09/04/14 14:00	1
4-Chlorophenyl phenyl ether	1.4	U	9.6	1.4	ug/L		09/02/14 19:00	09/04/14 14:00	1
Chrysene	0.96	U	9.6	0.96	ug/L		09/02/14 19:00	09/04/14 14:00	1
Dibenz(a,h)anthracene	2.2	U	9.6	2.2	ug/L		09/02/14 19:00	09/04/14 14:00	1
Dibenzofuran	0.96	U	9.6	0.96	ug/L		09/02/14 19:00	09/04/14 14:00	1

Client Sample ID: Comp 6-3B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-9
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	6.5	U	19	6.5	ug/L		09/02/14 19:00	09/04/14 14:00	1
2,4-Dichlorophenol	3.2	U	9.6	3.2	ug/L		09/02/14 19:00	09/04/14 14:00	1
Diethyl phthalate	0.87	U	9.6	0.87	ug/L		09/02/14 19:00	09/04/14 14:00	1
2,4-Dimethylphenol	3.7	U	9.6	3.7	ug/L		09/02/14 19:00	09/04/14 14:00	1
Dimethyl phthalate	1.3	U	9.6	1.3	ug/L		09/02/14 19:00	09/04/14 14:00	1
Di-n-butyl phthalate	1.8	U	9.6	1.8	ug/L		09/02/14 19:00	09/04/14 14:00	1
4,6-Dinitro-2-methylphenol	0.96	U	48	0.96	ug/L		09/02/14 19:00	09/04/14 14:00	1
2,4-Dinitrophenol	3.0	U	48	3.0	ug/L		09/02/14 19:00	09/04/14 14:00	1
2,4-Dinitrotoluene	1.6	U	9.6	1.6	ug/L		09/02/14 19:00	09/04/14 14:00	1
2,6-Dinitrotoluene	2.0	U	9.6	2.0	ug/L		09/02/14 19:00	09/04/14 14:00	1
Di-n-octyl phthalate	1.9	U	9.6	1.9	ug/L		09/02/14 19:00	09/04/14 14:00	1
1,2-Diphenylhydrazine(as Azobenzene)	0.95	U	9.6	0.95	ug/L		09/02/14 19:00	09/04/14 14:00	1
Fluoranthene	1.3	U	9.6	1.3	ug/L		09/02/14 19:00	09/04/14 14:00	1
Fluorene	0.87	U	9.6	0.87	ug/L		09/02/14 19:00	09/04/14 14:00	1
Hexachlorobenzene	0.96	U	9.6	0.96	ug/L		09/02/14 19:00	09/04/14 14:00	1
Hexachlorobutadiene	1.8	U	9.6	1.8	ug/L		09/02/14 19:00	09/04/14 14:00	1
Hexachlorocyclopentadiene	2.0	U	9.6	2.0	ug/L		09/02/14 19:00	09/04/14 14:00	1
Hexachloroethane	4.3	U	9.6	4.3	ug/L		09/02/14 19:00	09/04/14 14:00	1
Indeno[1,2,3-cd]pyrene	2.3	U	9.6	2.3	ug/L		09/02/14 19:00	09/04/14 14:00	1
Isophorone	0.82	U	9.6	0.82	ug/L		09/02/14 19:00	09/04/14 14:00	1
2-Methylnaphthalene	1.4	U	9.6	1.4	ug/L		09/02/14 19:00	09/04/14 14:00	1
1-Methylnaphthalene	2.5	U	9.6	2.5	ug/L		09/02/14 19:00	09/04/14 14:00	1
Naphthalene	1.3	U	9.6	1.3	ug/L		09/02/14 19:00	09/04/14 14:00	1
Nitrobenzene	1.5	U	9.6	1.5	ug/L		09/02/14 19:00	09/04/14 14:00	1
2-Nitrophenol	0.92	U	9.6	0.92	ug/L		09/02/14 19:00	09/04/14 14:00	1
4-Nitrophenol	2.0	U	48	2.0	ug/L		09/02/14 19:00	09/04/14 14:00	1
N-Nitrosodimethylamine	2.3	U	9.6	2.3	ug/L		09/02/14 19:00	09/04/14 14:00	1
N-Nitrosodi-n-propylamine	0.89	U	9.6	0.89	ug/L		09/02/14 19:00	09/04/14 14:00	1
N-Nitrosodiphenylamine	0.60	U	9.6	0.60	ug/L		09/02/14 19:00	09/04/14 14:00	1
Pentachlorophenol	1.1	U	48	1.1	ug/L		09/02/14 19:00	09/04/14 14:00	1
Phenanthrene	1.3	U	9.6	1.3	ug/L		09/02/14 19:00	09/04/14 14:00	1
Phenol	1.2	U	9.6	1.2	ug/L		09/02/14 19:00	09/04/14 14:00	1
Pyrene	0.96	U	9.6	0.96	ug/L		09/02/14 19:00	09/04/14 14:00	1
2,4,6-Trichlorophenol	1.2	U	9.6	1.2	ug/L		09/02/14 19:00	09/04/14 14:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*68*		*24 - 113*	*09/02/14 19:00*	*09/04/14 14:00*	*1*
2-Fluorophenol (Surr)	*34*		*12 - 105*	*09/02/14 19:00*	*09/04/14 14:00*	*1*
Nitrobenzene-d5 (Surr)	*62*		*26 - 107*	*09/02/14 19:00*	*09/04/14 14:00*	*1*
Phenol-d5 (Surr)	*52*		*17 - 111*	*09/02/14 19:00*	*09/04/14 14:00*	*1*
Terphenyl-d14 (Surr)	*77*		*36 - 127*	*09/02/14 19:00*	*09/04/14 14:00*	*1*
2,4,6-Tribromophenol (Surr)	*61*		*48 - 124*	*09/02/14 19:00*	*09/04/14 14:00*	*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	0.0011	U	0.010	0.0011	mg/Kg	☼	08/27/14 22:43	08/28/14 20:23	1
4,4'-DDE	**0.0024**	**I**	0.010	0.0011	mg/Kg	☼	08/27/14 22:43	08/28/14 20:23	1
4,4'-DDT	0.0013	U	0.010	0.0013	mg/Kg	☼	08/27/14 22:43	08/28/14 20:23	1
Aldrin	0.00090	U	0.010	0.00090	mg/Kg	☼	08/27/14 22:43	08/28/14 20:23	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp 6-3B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-9
Matrix: Solid
Percent Solids: 16.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	0.00084	U	0.010	0.00084	mg/Kg	☼	08/27/14 22:43	08/28/14 20:23	1
beta-BHC	0.0020	U	0.010	0.0020	mg/Kg	☼	08/27/14 22:43	08/28/14 20:23	1
Chlordane (technical)	0.017	U	0.10	0.017	mg/Kg	☼	08/27/14 22:43	08/28/14 20:23	1
delta-BHC	0.0011	U	0.010	0.0011	mg/Kg	☼	08/27/14 22:43	08/28/14 20:23	1
Dieldrin	**0.0011**	**I**	0.010	0.0010	mg/Kg	☼	08/27/14 22:43	08/28/14 20:23	1
Endosulfan I	0.0010	U	0.010	0.0010	mg/Kg	☼	08/27/14 22:43	08/28/14 20:23	1
Endosulfan II	0.00090	U	0.010	0.00090	mg/Kg	☼	08/27/14 22:43	08/28/14 20:23	1
Endosulfan sulfate	0.0013	U	0.010	0.0013	mg/Kg	☼	08/27/14 22:43	08/28/14 20:23	1
Endrin	0.0013	U	0.010	0.0013	mg/Kg	☼	08/27/14 22:43	08/28/14 20:23	1
Endrin aldehyde	0.0013	U	0.010	0.0013	mg/Kg	☼	08/27/14 22:43	08/28/14 20:23	1
Endrin ketone	0.0012	U	0.010	0.0012	mg/Kg	☼	08/27/14 22:43	08/28/14 20:23	1
gamma-BHC (Lindane)	0.00084	U	0.010	0.00084	mg/Kg	☼	08/27/14 22:43	08/28/14 20:23	1
Heptachlor	0.0011	U	0.010	0.0011	mg/Kg	☼	08/27/14 22:43	08/28/14 20:23	1
Heptachlor epoxide	0.00096	U	0.010	0.00096	mg/Kg	☼	08/27/14 22:43	08/28/14 20:23	1
Methoxychlor	0.0017	U	0.010	0.0017	mg/Kg	☼	08/27/14 22:43	08/28/14 20:23	1
Toxaphene	0.033	U	1.0	0.033	mg/Kg	☼	08/27/14 22:43	08/28/14 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*43*	*J1*	*54 - 133*	*08/27/14 22:43*	*08/28/14 20:23*	*1*
Tetrachloro-m-xylene	*50*		*46 - 130*	*08/27/14 22:43*	*08/28/14 20:23*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.012	U	0.095	0.012	ug/L		09/03/14 06:14	09/03/14 18:13	1
4,4'-DDE	0.012	U	0.095	0.012	ug/L		09/03/14 06:14	09/03/14 18:13	1
4,4'-DDT	0.012	U	0.095	0.012	ug/L		09/03/14 06:14	09/03/14 18:13	1
Aldrin	0.0019	U	0.048	0.0019	ug/L		09/03/14 06:14	09/03/14 18:13	1
alpha-BHC	0.0057	U	0.048	0.0057	ug/L		09/03/14 06:14	09/03/14 18:13	1
beta-BHC	0.012	U	0.048	0.012	ug/L		09/03/14 06:14	09/03/14 18:13	1
delta-BHC	0.012	U	0.048	0.012	ug/L		09/03/14 06:14	09/03/14 18:13	1
Dieldrin	0.0019	U	0.095	0.0019	ug/L		09/03/14 06:14	09/03/14 18:13	1
Endosulfan I	0.012	U	0.048	0.012	ug/L		09/03/14 06:14	09/03/14 18:13	1
Endosulfan II	0.012	U	0.095	0.012	ug/L		09/03/14 06:14	09/03/14 18:13	1
Endosulfan sulfate	0.012	U	0.095	0.012	ug/L		09/03/14 06:14	09/03/14 18:13	1
Endrin	0.012	U	0.095	0.012	ug/L		09/03/14 06:14	09/03/14 18:13	1
Endrin aldehyde	0.012	U	0.095	0.012	ug/L		09/03/14 06:14	09/03/14 18:13	1
Endrin ketone	0.012	U	0.095	0.012	ug/L		09/03/14 06:14	09/03/14 18:13	1
gamma-BHC (Lindane)	0.012	U	0.048	0.012	ug/L		09/03/14 06:14	09/03/14 18:13	1
Heptachlor	0.012	U	0.048	0.012	ug/L		09/03/14 06:14	09/03/14 18:13	1
Heptachlor epoxide	0.012	U	0.048	0.012	ug/L		09/03/14 06:14	09/03/14 18:13	1
Methoxychlor	0.012	U	0.48	0.012	ug/L		09/03/14 06:14	09/03/14 18:13	1
Chlordane (technical)	0.32	U	0.95	0.32	ug/L		09/03/14 06:14	09/03/14 18:13	1
Toxaphene	0.65	U	4.8	0.65	ug/L		09/03/14 06:14	09/03/14 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*26*		*20 - 142*	*09/03/14 06:14*	*09/03/14 18:13*	*1*
Tetrachloro-m-xylene	*101*		*22 - 134*	*09/03/14 06:14*	*09/03/14 18:13*	*1*

Client Sample ID: Comp 6-3B

Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-9

Matrix: Solid

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**250**		51	30	mg/Kg			08/29/14 17:57	5
Sulfate	30	U	51	30	mg/Kg			08/29/14 17:57	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.30**	**I**	0.58	0.29	mg/Kg	☼	08/26/14 09:51	09/03/14 05:55	1
Arsenic	**8.0**		1.5	0.58	mg/Kg	☼	08/26/14 09:51	09/03/14 05:55	1
Barium	**52**		2.9	0.76	mg/Kg	☼	08/26/14 09:51	09/03/14 05:55	1
Beryllium	**0.82**		0.29	0.15	mg/Kg	☼	08/26/14 09:51	09/03/14 05:55	1
Cadmium	**0.61**		0.29	0.070	mg/Kg	☼	08/26/14 09:51	09/03/14 05:55	1
Chromium	**40**		2.9	1.5	mg/Kg	☼	08/26/14 09:51	09/03/14 05:55	1
Copper	**50**		2.9	1.2	mg/Kg	☼	08/26/14 09:51	09/03/14 05:55	1
Sodium	**920**		150	93	mg/Kg	☼	08/26/14 09:51	09/03/14 05:55	1
Nickel	**16**		2.9	1.5	mg/Kg	☼	08/26/14 09:51	09/03/14 05:55	1
Lead	**100**		1.2	0.58	mg/Kg	☼	08/26/14 09:51	09/03/14 05:55	1
Antimony	2.9	U	5.8	2.9	mg/Kg	☼	08/26/14 09:51	09/03/14 05:55	1
Selenium	**4.0**		2.9	1.5	mg/Kg	☼	08/26/14 09:51	09/03/14 05:55	1
Thallium	**0.18**	**I**	0.58	0.15	mg/Kg	☼	08/26/14 09:51	09/03/14 05:55	1
Zinc	**120**		12	3.2	mg/Kg	☼	08/26/14 09:51	09/03/14 05:55	1

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 19:32	1
Arsenic	**19**		2.5	2.5	ug/L		09/12/14 15:52	09/12/14 19:32	1
Barium	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:32	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 19:32	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 19:32	1
Chromium	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:32	1
Copper	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:32	1
Nickel	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:32	1
Lead	**2.0**		1.5	1.5	ug/L		09/12/14 15:52	09/12/14 19:32	1
Antimony	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:32	1
Selenium	2.5	U	2.5	2.5	ug/L		09/12/14 15:52	09/12/14 19:32	1
Thallium	1.0	U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 19:32	1
Zinc	20	U	20	20	ug/L		09/12/14 15:52	09/12/14 19:32	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/02/14 09:24	09/03/14 10:20	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.28**		0.11	0.046	mg/Kg	☼	08/26/14 13:39	08/27/14 15:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**370**		18	7.8	mg/Kg	☼	08/27/14 08:39	08/27/14 16:40	10
Total Kjeldahl Nitrogen	**8600**		2600	1500	mg/Kg	☼	09/02/14 16:09	09/03/14 14:38	10
Total Phosphorus as P	**940**		100	57	mg/Kg	☼	09/02/14 16:09	09/03/14 13:48	1
Cyanide, Total	1.2	U	2.9	1.2	mg/Kg	☼	08/27/14 08:10	08/27/14 12:32	1
Phenolics, Total Recoverable	7.0	U	28	7.0	mg/Kg	☼	08/29/14 08:49	08/29/14 14:01	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp 6-3B

Lab Sample ID: 660-62441-9
Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 16.7

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	3.3	U	12	3.3	mg/Kg	☼		08/28/14 12:45	1

Client Sample ID: Comp 7-1B

Lab Sample ID: 660-62441-10
Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 28.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.084	J3 U	0.35	0.084	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
Acrylonitrile	0.12	U	0.35	0.12	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
Benzene	0.0026	U	0.018	0.0026	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
Bromoform	0.0053	U	0.018	0.0053	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
Bromomethane	0.0053	U	0.018	0.0053	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
Carbon tetrachloride	0.0029	U	0.018	0.0029	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
Chlorobenzene	0.0034	U	0.018	0.0034	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
Chloroethane	0.0095	U	0.018	0.0095	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
Chloroform	0.0039	U	0.018	0.0039	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
Chloromethane	0.0035	U	0.018	0.0035	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
Dibromochloromethane	0.0060	U	0.018	0.0060	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
1,2-Dichlorobenzene	0.0046	U	0.018	0.0046	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
1,3-Dichlorobenzene	0.0056	U	0.018	0.0056	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
1,4-Dichlorobenzene	0.0026	U	0.018	0.0026	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
Dichlorodifluoromethane	0.0033	U	0.018	0.0033	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
1,1-Dichloroethane	0.0039	U	0.018	0.0039	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
1,2-Dichloroethane	0.0039	U	0.018	0.0039	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
cis-1,2-Dichloroethene	0.0049	U	0.018	0.0049	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
trans-1,2-Dichloroethene	0.0022	U	0.018	0.0022	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
1,1-Dichloroethene	0.0053	U	0.018	0.0053	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
1,2-Dichloropropane	0.0030	U	0.018	0.0030	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
cis-1,3-Dichloropropene	0.0029	U	0.018	0.0029	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
trans-1,3-Dichloropropene	0.0030	U	0.018	0.0030	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
Ethylbenzene	0.0046	U	0.018	0.0046	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
Methylene Chloride	0.0034	J3 U	0.018	0.0034	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
Methyl tert-butyl ether	0.0035	U	0.035	0.0035	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
Tetrachloroethene	0.0067	U	0.018	0.0067	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
Toluene	0.0029	U	0.018	0.0029	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
1,2,4-Trichlorobenzene	0.0031	U	0.018	0.0031	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
1,1,1-Trichloroethane	0.0021	U	0.018	0.0021	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
1,1,2-Trichloroethane	0.0046	U	0.018	0.0046	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
Trichloroethene	0.0046	U	0.018	0.0046	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
Vinyl chloride	0.0053	U	0.018	0.0053	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1
Xylenes, Total	0.0039	U	0.035	0.0039	mg/Kg	☼	08/29/14 08:00	08/29/14 19:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 130*	*08/29/14 08:00*	*08/29/14 19:37*	*1*
Dibromofluoromethane (Surr)	*0*	*J1*	*65 - 130*	*08/29/14 08:00*	*08/29/14 19:37*	*1*
4-Bromofluorobenzene (Surr)	*124*		*65 - 130*	*08/29/14 08:00*	*08/29/14 19:37*	*1*
Toluene-d8 (Surr)	*101*		*65 - 130*	*08/29/14 08:00*	*08/29/14 19:37*	*1*

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp 7-1B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-10
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	J3 U	20	20	ug/L			09/02/14 13:56	1
Acrylonitrile	20	U	20	20	ug/L			09/02/14 13:56	1
Benzene	1.0	U	1.0	1.0	ug/L			09/02/14 13:56	1
Bromoform	1.0	U	1.0	1.0	ug/L			09/02/14 13:56	1
Bromomethane	5.0	U	5.0	5.0	ug/L			09/02/14 13:56	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			09/02/14 13:56	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			09/02/14 13:56	1
Chloroethane	5.0	U	5.0	5.0	ug/L			09/02/14 13:56	1
Chloroform	1.0	U	1.0	1.0	ug/L			09/02/14 13:56	1
Chloromethane	1.0	U	1.0	1.0	ug/L			09/02/14 13:56	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			09/02/14 13:56	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/02/14 13:56	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/02/14 13:56	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/02/14 13:56	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			09/02/14 13:56	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/02/14 13:56	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/02/14 13:56	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 13:56	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 13:56	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 13:56	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			09/02/14 13:56	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/02/14 13:56	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/02/14 13:56	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			09/02/14 13:56	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			09/02/14 13:56	1
Methyl tert-butyl ether	10	U	10	10	ug/L			09/02/14 13:56	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 13:56	1
Toluene	1.0	U	1.0	1.0	ug/L			09/02/14 13:56	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			09/02/14 13:56	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/02/14 13:56	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/02/14 13:56	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 13:56	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			09/02/14 13:56	1
Xylenes, Total	2.0	U	2.0	2.0	ug/L			09/02/14 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*09/02/14 13:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*09/02/14 13:56*	*1*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*		*09/02/14 13:56*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*09/02/14 13:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.15	U	1.2	0.15	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Acenaphthylene	0.13	U	1.2	0.13	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Anthracene	0.089	U	1.2	0.089	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Benzo[a]anthracene	0.096	U	1.2	0.096	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Benzo[a]pyrene	0.18	U	1.2	0.18	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Benzo[b]fluoranthene	0.13	U	1.2	0.13	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Benzo[g,h,i]perylene	0.078	U	1.2	0.078	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp 7-1B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-10
Matrix: Solid
Percent Solids: 28.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.23	U	1.2	0.23	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Bis(2-chloroethoxy)methane	0.14	U	1.2	0.14	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Bis(2-chloroethyl)ether	0.16	U	1.2	0.16	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
bis (2-chloroisopropyl) ether	0.11	U	1.2	0.11	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Bis(2-ethylhexyl) phthalate	0.10	U	1.2	0.10	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
4-Bromophenyl phenyl ether	0.13	U	1.2	0.13	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Butyl benzyl phthalate	0.092	U	1.2	0.092	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
4-Chloroaniline	0.18	U	2.3	0.18	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
4-Chloro-3-methylphenol	0.12	U	1.2	0.12	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
2-Chloronaphthalene	0.12	U	1.2	0.12	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
2-Chlorophenol	0.14	U	1.2	0.14	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
4-Chlorophenyl phenyl ether	0.16	U	1.2	0.16	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Chrysene	0.074	U	1.2	0.074	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Dibenz(a,h)anthracene	0.14	U	1.2	0.14	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Dibenzofuran	0.12	U	1.2	0.12	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
3,3'-Dichlorobenzidine	0.099	U	2.3	0.099	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
2,4-Dichlorophenol	0.12	U	1.2	0.12	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Diethyl phthalate	0.13	U	1.2	0.13	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
2,4-Dimethylphenol	0.16	U	1.2	0.16	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Dimethyl phthalate	0.12	U	1.2	0.12	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Di-n-butyl phthalate	0.11	U	1.2	0.11	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
4,6-Dinitro-2-methylphenol	0.60	U	6.0	0.60	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
2,4-Dinitrophenol	2.9	U	6.0	2.9	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
2,4-Dinitrotoluene	0.17	U	1.2	0.17	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
2,6-Dinitrotoluene	0.15	U	1.2	0.15	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Di-n-octyl phthalate	0.10	U	1.2	0.10	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
1,2-Diphenylhydrazine(as Azobenzene)	0.12	U	1.2	0.12	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Fluoranthene	0.11	U	1.2	0.11	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Fluorene	0.13	U	1.2	0.13	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Hexachlorobenzene	0.14	U	1.2	0.14	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Hexachlorobutadiene	0.13	U	1.2	0.13	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Hexachlorocyclopentadiene	0.15	U	1.2	0.15	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Hexachloroethane	0.099	U	1.2	0.099	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Indeno[1,2,3-cd]pyrene	0.099	U	1.2	0.099	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Isophorone	0.12	U	1.2	0.12	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
2-Methylnaphthalene	0.13	U	1.2	0.13	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
1-Methylnaphthalene	0.11	U	1.2	0.11	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Naphthalene	0.11	U	1.2	0.11	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Nitrobenzene	0.092	U	1.2	0.092	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
2-Nitrophenol	0.15	U	1.2	0.15	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
4-Nitrophenol	1.2	U	6.0	1.2	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
N-Nitrosodimethylamine	0.42	U	1.2	0.42	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
N-Nitrosodi-n-propylamine	0.11	U	1.2	0.11	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
N-Nitrosodiphenylamine	0.12	U	1.2	0.12	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Pentachlorophenol	1.2	U	6.0	1.2	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Phenanthrene	0.096	U	1.2	0.096	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Phenol	0.12	U	1.2	0.12	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
Pyrene	0.096	U	1.2	0.096	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1
2,4,6-Trichlorophenol	0.10	U	1.2	0.10	mg/Kg	☼	08/28/14 21:32	09/02/14 20:19	1

Client Sample ID: Comp 7-1B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-10
Matrix: Solid
Percent Solids: 28.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*61*		*45 - 129*	*08/28/14 21:32*	*09/02/14 20:19*	*1*
2-Fluorobiphenyl	*54*		*41 - 116*	*08/28/14 21:32*	*09/02/14 20:19*	*1*
2-Fluorophenol (Surr)	*56*		*39 - 114*	*08/28/14 21:32*	*09/02/14 20:19*	*1*
Terphenyl-d14 (Surr)	*53*		*46 - 126*	*08/28/14 21:32*	*09/02/14 20:19*	*1*
Phenol-d5 (Surr)	*53*		*38 - 122*	*08/28/14 21:32*	*09/02/14 20:19*	*1*
Nitrobenzene-d5 (Surr)	*57*		*37 - 115*	*08/28/14 21:32*	*09/02/14 20:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.3	U	11	1.3	ug/L		09/02/14 19:00	09/04/14 14:32	1
Acenaphthylene	0.94	U	11	0.94	ug/L		09/02/14 19:00	09/04/14 14:32	1
Anthracene	0.96	U	11	0.96	ug/L		09/02/14 19:00	09/04/14 14:32	1
Benzo[a]anthracene	0.98	U	11	0.98	ug/L		09/02/14 19:00	09/04/14 14:32	1
Benzo[a]pyrene	0.99	U	11	0.99	ug/L		09/02/14 19:00	09/04/14 14:32	1
Benzo[b]fluoranthene	0.89	U	11	0.89	ug/L		09/02/14 19:00	09/04/14 14:32	1
Benzo[g,h,i]perylene	2.1	U	11	2.1	ug/L		09/02/14 19:00	09/04/14 14:32	1
Benzo[k]fluoranthene	0.96	U	11	0.96	ug/L		09/02/14 19:00	09/04/14 14:32	1
Bis(2-chloroethoxy)methane	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 14:32	1
Bis(2-chloroethyl)ether	2.1	U	11	2.1	ug/L		09/02/14 19:00	09/04/14 14:32	1
bis (2-chloroisopropyl) ether	1.2	U	11	1.2	ug/L		09/02/14 19:00	09/04/14 14:32	1
Bis(2-ethylhexyl) phthalate	**17**	**V**	11	2.8	ug/L		09/02/14 19:00	09/04/14 14:32	1
4-Bromophenyl phenyl ether	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 14:32	1
Butyl benzyl phthalate	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 14:32	1
4-Chloroaniline	1.9	U	22	1.9	ug/L		09/02/14 19:00	09/04/14 14:32	1
4-Chloro-3-methylphenol	1.2	U	11	1.2	ug/L		09/02/14 19:00	09/04/14 14:32	1
2-Chloronaphthalene	1.6	U	11	1.6	ug/L		09/02/14 19:00	09/04/14 14:32	1
2-Chlorophenol	1.8	U	11	1.8	ug/L		09/02/14 19:00	09/04/14 14:32	1
4-Chlorophenyl phenyl ether	1.7	U	11	1.7	ug/L		09/02/14 19:00	09/04/14 14:32	1
Chrysene	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 14:32	1
Dibenz(a,h)anthracene	2.6	U	11	2.6	ug/L		09/02/14 19:00	09/04/14 14:32	1
Dibenzofuran	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 14:32	1
3,3'-Dichlorobenzidine	7.6	U	22	7.6	ug/L		09/02/14 19:00	09/04/14 14:32	1
2,4-Dichlorophenol	3.7	U	11	3.7	ug/L		09/02/14 19:00	09/04/14 14:32	1
Diethyl phthalate	1.0	U	11	1.0	ug/L		09/02/14 19:00	09/04/14 14:32	1
2,4-Dimethylphenol	4.2	U	11	4.2	ug/L		09/02/14 19:00	09/04/14 14:32	1
Dimethyl phthalate	1.4	U	11	1.4	ug/L		09/02/14 19:00	09/04/14 14:32	1
Di-n-butyl phthalate	2.1	U	11	2.1	ug/L		09/02/14 19:00	09/04/14 14:32	1
4,6-Dinitro-2-methylphenol	1.1	U	56	1.1	ug/L		09/02/14 19:00	09/04/14 14:32	1
2,4-Dinitrophenol	3.4	U	56	3.4	ug/L		09/02/14 19:00	09/04/14 14:32	1
2,4-Dinitrotoluene	1.9	U	11	1.9	ug/L		09/02/14 19:00	09/04/14 14:32	1
2,6-Dinitrotoluene	2.3	U	11	2.3	ug/L		09/02/14 19:00	09/04/14 14:32	1
Di-n-octyl phthalate	2.2	U	11	2.2	ug/L		09/02/14 19:00	09/04/14 14:32	1
1,2-Diphenylhydrazine(as Azobenzene)	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 14:32	1
Fluoranthene	1.6	U	11	1.6	ug/L		09/02/14 19:00	09/04/14 14:32	1
Fluorene	1.0	U	11	1.0	ug/L		09/02/14 19:00	09/04/14 14:32	1
Hexachlorobenzene	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 14:32	1
Hexachlorobutadiene	2.1	U	11	2.1	ug/L		09/02/14 19:00	09/04/14 14:32	1
Hexachlorocyclopentadiene	2.3	U	11	2.3	ug/L		09/02/14 19:00	09/04/14 14:32	1
Hexachloroethane	5.0	U	11	5.0	ug/L		09/02/14 19:00	09/04/14 14:32	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp 7-1B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-10
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	2.7	U	11	2.7	ug/L		09/02/14 19:00	09/04/14 14:32	1
Isophorone	0.94	U	11	0.94	ug/L		09/02/14 19:00	09/04/14 14:32	1
2-Methylnaphthalene	1.7	U	11	1.7	ug/L		09/02/14 19:00	09/04/14 14:32	1
1-Methylnaphthalene	2.9	U	11	2.9	ug/L		09/02/14 19:00	09/04/14 14:32	1
Naphthalene	1.6	U	11	1.6	ug/L		09/02/14 19:00	09/04/14 14:32	1
Nitrobenzene	1.8	U	11	1.8	ug/L		09/02/14 19:00	09/04/14 14:32	1
2-Nitrophenol	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 14:32	1
4-Nitrophenol	2.3	U	56	2.3	ug/L		09/02/14 19:00	09/04/14 14:32	1
N-Nitrosodimethylamine	2.7	U	11	2.7	ug/L		09/02/14 19:00	09/04/14 14:32	1
N-Nitrosodi-n-propylamine	1.0	U	11	1.0	ug/L		09/02/14 19:00	09/04/14 14:32	1
N-Nitrosodiphenylamine	0.69	U	11	0.69	ug/L		09/02/14 19:00	09/04/14 14:32	1
Pentachlorophenol	1.2	U	56	1.2	ug/L		09/02/14 19:00	09/04/14 14:32	1
Phenanthrene	1.6	U	11	1.6	ug/L		09/02/14 19:00	09/04/14 14:32	1
Phenol	1.3	U	11	1.3	ug/L		09/02/14 19:00	09/04/14 14:32	1
Pyrene	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 14:32	1
2,4,6-Trichlorophenol	1.3	U	11	1.3	ug/L		09/02/14 19:00	09/04/14 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*69*		*24 - 113*	*09/02/14 19:00*	*09/04/14 14:32*	*1*
2-Fluorophenol (Surr)	*61*		*12 - 105*	*09/02/14 19:00*	*09/04/14 14:32*	*1*
Nitrobenzene-d5 (Surr)	*66*		*26 - 107*	*09/02/14 19:00*	*09/04/14 14:32*	*1*
Phenol-d5 (Surr)	*67*		*17 - 111*	*09/02/14 19:00*	*09/04/14 14:32*	*1*
Terphenyl-d14 (Surr)	*83*		*36 - 127*	*09/02/14 19:00*	*09/04/14 14:32*	*1*
2,4,6-Tribromophenol (Surr)	*76*		*48 - 124*	*09/02/14 19:00*	*09/04/14 14:32*	*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	0.00064	U	0.0060	0.00064	mg/Kg	☼	08/27/14 22:43	08/28/14 20:37	1
4,4'-DDE	**0.0022**	**I**	0.0060	0.00064	mg/Kg	☼	08/27/14 22:43	08/28/14 20:37	1
4,4'-DDT	0.00078	U	0.0060	0.00078	mg/Kg	☼	08/27/14 22:43	08/28/14 20:37	1
Aldrin	0.00053	U	0.0060	0.00053	mg/Kg	☼	08/27/14 22:43	08/28/14 20:37	1
alpha-BHC	0.00050	U	0.0060	0.00050	mg/Kg	☼	08/27/14 22:43	08/28/14 20:37	1
beta-BHC	0.0012	U	0.0060	0.0012	mg/Kg	☼	08/27/14 22:43	08/28/14 20:37	1
Chlordane (technical)	0.010	U	0.060	0.010	mg/Kg	☼	08/27/14 22:43	08/28/14 20:37	1
delta-BHC	0.00067	U	0.0060	0.00067	mg/Kg	☼	08/27/14 22:43	08/28/14 20:37	1
Dieldrin	0.00060	U	0.0060	0.00060	mg/Kg	☼	08/27/14 22:43	08/28/14 20:37	1
Endosulfan I	0.00060	U	0.0060	0.00060	mg/Kg	☼	08/27/14 22:43	08/28/14 20:37	1
Endosulfan II	0.00053	U	0.0060	0.00053	mg/Kg	☼	08/27/14 22:43	08/28/14 20:37	1
Endosulfan sulfate	0.00074	U	0.0060	0.00074	mg/Kg	☼	08/27/14 22:43	08/28/14 20:37	1
Endrin	0.00078	U	0.0060	0.00078	mg/Kg	☼	08/27/14 22:43	08/28/14 20:37	1
Endrin aldehyde	0.00078	U	0.0060	0.00078	mg/Kg	☼	08/27/14 22:43	08/28/14 20:37	1
Endrin ketone	0.00071	U	0.0060	0.00071	mg/Kg	☼	08/27/14 22:43	08/28/14 20:37	1
gamma-BHC (Lindane)	0.00050	U	0.0060	0.00050	mg/Kg	☼	08/27/14 22:43	08/28/14 20:37	1
Heptachlor	0.00067	U	0.0060	0.00067	mg/Kg	☼	08/27/14 22:43	08/28/14 20:37	1
Heptachlor epoxide	0.00057	U	0.0060	0.00057	mg/Kg	☼	08/27/14 22:43	08/28/14 20:37	1
Methoxychlor	0.00099	U	0.0060	0.00099	mg/Kg	☼	08/27/14 22:43	08/28/14 20:37	1
Toxaphene	0.019	U	0.60	0.019	mg/Kg	☼	08/27/14 22:43	08/28/14 20:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*31*	*J1*	*54 - 133*	*08/27/14 22:43*	*08/28/14 20:37*	*1*

Client Sample ID: Comp 7-1B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-10
Matrix: Solid
Percent Solids: 28.2

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*35*	*J1*	*46 - 130*	*08/27/14 22:43*	*08/28/14 20:37*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.012	U	0.095	0.012	ug/L		09/03/14 06:14	09/03/14 18:27	1
4,4'-DDE	0.012	U	0.095	0.012	ug/L		09/03/14 06:14	09/03/14 18:27	1
4,4'-DDT	0.012	U	0.095	0.012	ug/L		09/03/14 06:14	09/03/14 18:27	1
Aldrin	0.0019	U	0.047	0.0019	ug/L		09/03/14 06:14	09/03/14 18:27	1
alpha-BHC	0.0057	U	0.047	0.0057	ug/L		09/03/14 06:14	09/03/14 18:27	1
beta-BHC	0.012	U	0.047	0.012	ug/L		09/03/14 06:14	09/03/14 18:27	1
delta-BHC	0.012	U	0.047	0.012	ug/L		09/03/14 06:14	09/03/14 18:27	1
Dieldrin	0.0019	U	0.095	0.0019	ug/L		09/03/14 06:14	09/03/14 18:27	1
Endosulfan I	0.012	U	0.047	0.012	ug/L		09/03/14 06:14	09/03/14 18:27	1
Endosulfan II	0.012	U	0.095	0.012	ug/L		09/03/14 06:14	09/03/14 18:27	1
Endosulfan sulfate	0.012	U	0.095	0.012	ug/L		09/03/14 06:14	09/03/14 18:27	1
Endrin	0.012	U	0.095	0.012	ug/L		09/03/14 06:14	09/03/14 18:27	1
Endrin aldehyde	0.012	U	0.095	0.012	ug/L		09/03/14 06:14	09/03/14 18:27	1
Endrin ketone	0.012	U	0.095	0.012	ug/L		09/03/14 06:14	09/03/14 18:27	1
gamma-BHC (Lindane)	0.012	U	0.047	0.012	ug/L		09/03/14 06:14	09/03/14 18:27	1
Heptachlor	0.012	U	0.047	0.012	ug/L		09/03/14 06:14	09/03/14 18:27	1
Heptachlor epoxide	0.012	U	0.047	0.012	ug/L		09/03/14 06:14	09/03/14 18:27	1
Methoxychlor	0.012	U	0.47	0.012	ug/L		09/03/14 06:14	09/03/14 18:27	1
Chlordane (technical)	0.32	U	0.95	0.32	ug/L		09/03/14 06:14	09/03/14 18:27	1
Toxaphene	0.65	U	4.7	0.65	ug/L		09/03/14 06:14	09/03/14 18:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*42*		*20 - 142*	*09/03/14 06:14*	*09/03/14 18:27*	*1*
Tetrachloro-m-xylene	*108*		*22 - 134*	*09/03/14 06:14*	*09/03/14 18:27*	*1*

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**350**		50	30	mg/Kg			08/29/14 18:12	5
Sulfate	30	U	50	30	mg/Kg			08/29/14 18:12	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.16	U	0.33	0.16	mg/Kg	☼	08/26/14 09:51	09/03/14 06:02	1
Arsenic	**3.1**		0.81	0.33	mg/Kg	☼	08/26/14 09:51	09/03/14 06:02	1
Barium	**19**		1.6	0.42	mg/Kg	☼	08/26/14 09:51	09/03/14 06:02	1
Beryllium	**0.34**		0.16	0.081	mg/Kg	☼	08/26/14 09:51	09/03/14 06:02	1
Cadmium	**0.27**		0.16	0.039	mg/Kg	☼	08/26/14 09:51	09/03/14 06:02	1
Chromium	**15**		1.6	0.81	mg/Kg	☼	08/26/14 09:51	09/03/14 06:02	1
Copper	**16**		1.6	0.65	mg/Kg	☼	08/26/14 09:51	09/03/14 06:02	1
Sodium	**910**		81	52	mg/Kg	☼	08/26/14 09:51	09/03/14 06:02	1
Nickel	**6.8**		1.6	0.81	mg/Kg	☼	08/26/14 09:51	09/03/14 06:02	1
Lead	**25**		0.65	0.33	mg/Kg	☼	08/26/14 09:51	09/03/14 06:02	1
Antimony	1.6	U	3.3	1.6	mg/Kg	☼	08/26/14 09:51	09/03/14 06:02	1
Selenium	**1.3**	**I**	1.6	0.81	mg/Kg	☼	08/26/14 09:51	09/03/14 06:02	1
Thallium	0.081	U	0.33	0.081	mg/Kg	☼	08/26/14 09:51	09/03/14 06:02	1
Zinc	**46**		6.5	1.8	mg/Kg	☼	08/26/14 09:51	09/03/14 06:02	1

Client Sample ID: Comp 7-1B

Lab Sample ID: 660-62441-10

Date Collected: 08/22/14 16:00

Matrix: Solid

Date Received: 08/23/14 09:16

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	J3 U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 17:51	1
Arsenic	**14**	**J3**	2.5	2.5	ug/L		09/12/14 15:52	09/12/14 17:51	1
Barium	5.0	J3 U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 17:51	1
Beryllium	0.50	J3 U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 17:51	1
Cadmium	0.50	J3 U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 17:51	1
Chromium	**5.3**	**J3**	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 17:51	1
Copper	5.0	J3 U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 17:51	1
Nickel	5.0	J3 U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 17:51	1
Lead	1.5	J3 U	1.5	1.5	ug/L		09/12/14 15:52	09/12/14 17:51	1
Antimony	5.0	J3 U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 17:51	1
Selenium	2.5	J3 U	2.5	2.5	ug/L		09/12/14 15:52	09/12/14 17:51	1
Thallium	1.0	J3 U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 17:51	1
Zinc	20	J3 U	20	20	ug/L		09/12/14 15:52	09/12/14 17:51	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/02/14 09:24	09/03/14 10:23	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.10**		0.059	0.024	mg/Kg	☼	08/26/14 13:39	08/27/14 15:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**200**		11	4.6	mg/Kg	☼	08/27/14 08:39	08/27/14 16:40	10
Total Kjeldahl Nitrogen	**4900**		350	210	mg/Kg	☼	09/02/14 16:09	09/03/14 14:39	2
Total Phosphorus as P	**840**		70	39	mg/Kg	☼	09/02/14 16:09	09/03/14 13:49	1
Cyanide, Total	0.74	U	1.8	0.74	mg/Kg	☼	08/27/14 08:10	08/27/14 12:34	1
Phenolics, Total Recoverable	4.2	U	17	4.2	mg/Kg	☼	08/29/14 08:49	08/29/14 14:01	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	1.9	U	7.0	1.9	mg/Kg	☼		08/28/14 12:46	1

Client Sample ID: Comp 7-2B

Lab Sample ID: 660-62441-11

Date Collected: 08/22/14 16:00

Matrix: Solid

Date Received: 08/23/14 09:16

Percent Solids: 26.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.090	J3 U	0.38	0.090	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
Acrylonitrile	0.13	U	0.38	0.13	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
Benzene	0.0027	U	0.019	0.0027	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
Bromoform	0.0056	U	0.019	0.0056	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
Bromomethane	0.0056	U	0.019	0.0056	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
Carbon tetrachloride	0.0031	U	0.019	0.0031	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
Chlorobenzene	0.0036	U	0.019	0.0036	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
Chloroethane	0.010	U	0.019	0.010	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
Chloroform	0.0041	U	0.019	0.0041	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
Chloromethane	0.0038	U	0.019	0.0038	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
Dibromochloromethane	0.0064	U	0.019	0.0064	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1

Client Sample ID: Comp 7-2B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-11
Matrix: Solid
Percent Solids: 26.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	0.0049	U	0.019	0.0049	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
1,3-Dichlorobenzene	0.0060	U	0.019	0.0060	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
1,4-Dichlorobenzene	0.0028	U	0.019	0.0028	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
Dichlorodifluoromethane	0.0035	U	0.019	0.0035	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
1,1-Dichloroethane	0.0041	U	0.019	0.0041	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
1,2-Dichloroethane	0.0041	U	0.019	0.0041	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
cis-1,2-Dichloroethene	0.0053	U	0.019	0.0053	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
trans-1,2-Dichloroethene	0.0024	U	0.019	0.0024	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
1,1-Dichloroethene	0.0056	U	0.019	0.0056	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
1,2-Dichloropropane	0.0032	U	0.019	0.0032	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
cis-1,3-Dichloropropene	0.0031	U	0.019	0.0031	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
trans-1,3-Dichloropropene	0.0033	U	0.019	0.0033	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
Ethylbenzene	0.0049	U	0.019	0.0049	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
Methylene Chloride	0.0037	J3 U	0.019	0.0037	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
Methyl tert-butyl ether	0.0038	U	0.038	0.0038	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
Tetrachloroethene	0.0071	U	0.019	0.0071	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
Toluene	0.0032	U	0.019	0.0032	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
1,2,4-Trichlorobenzene	0.0033	U	0.019	0.0033	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
1,1,1-Trichloroethane	0.0022	U	0.019	0.0022	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
1,1,2-Trichloroethane	0.0049	U	0.019	0.0049	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
Trichloroethene	0.0049	U	0.019	0.0049	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
Vinyl chloride	0.0056	U	0.019	0.0056	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1
Xylenes, Total	0.0041	U	0.038	0.0041	mg/Kg	☼	08/29/14 08:00	08/29/14 19:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*65 - 130*	*08/29/14 08:00*	*08/29/14 19:58*	*1*
Dibromofluoromethane (Surr)	*89*		*65 - 130*	*08/29/14 08:00*	*08/29/14 19:58*	*1*
4-Bromofluorobenzene (Surr)	*116*		*65 - 130*	*08/29/14 08:00*	*08/29/14 19:58*	*1*
Toluene-d8 (Surr)	*96*		*65 - 130*	*08/29/14 08:00*	*08/29/14 19:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	J3 U	20	20	ug/L			09/02/14 14:18	1
Acrylonitrile	20	U	20	20	ug/L			09/02/14 14:18	1
Benzene	1.0	U	1.0	1.0	ug/L			09/02/14 14:18	1
Bromoform	1.0	U	1.0	1.0	ug/L			09/02/14 14:18	1
Bromomethane	5.0	U	5.0	5.0	ug/L			09/02/14 14:18	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			09/02/14 14:18	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			09/02/14 14:18	1
Chloroethane	5.0	U	5.0	5.0	ug/L			09/02/14 14:18	1
Chloroform	1.0	U	1.0	1.0	ug/L			09/02/14 14:18	1
Chloromethane	1.0	U	1.0	1.0	ug/L			09/02/14 14:18	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			09/02/14 14:18	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/02/14 14:18	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/02/14 14:18	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/02/14 14:18	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			09/02/14 14:18	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/02/14 14:18	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/02/14 14:18	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 14:18	1

Client Sample ID: Comp 7-2B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-11
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 14:18	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 14:18	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			09/02/14 14:18	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/02/14 14:18	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/02/14 14:18	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			09/02/14 14:18	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			09/02/14 14:18	1
Methyl tert-butyl ether	10	U	10	10	ug/L			09/02/14 14:18	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 14:18	1
Toluene	1.0	U	1.0	1.0	ug/L			09/02/14 14:18	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			09/02/14 14:18	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/02/14 14:18	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/02/14 14:18	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 14:18	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			09/02/14 14:18	1
Xylenes, Total	2.0	U	2.0	2.0	ug/L			09/02/14 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*09/02/14 14:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*09/02/14 14:18*	*1*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*		*09/02/14 14:18*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*09/02/14 14:18*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.16	U	1.3	0.16	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Acenaphthylene	0.14	U	1.3	0.14	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Anthracene	0.095	U	1.3	0.095	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Benzo[a]anthracene	0.10	U	1.3	0.10	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Benzo[a]pyrene	0.20	U	1.3	0.20	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Benzo[b]fluoranthene	0.14	U	1.3	0.14	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Benzo[g,h,i]perylene	0.084	U	1.3	0.084	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Benzo[k]fluoranthene	0.25	U	1.3	0.25	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Bis(2-chloroethoxy)methane	0.15	U	1.3	0.15	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Bis(2-chloroethyl)ether	0.17	U	1.3	0.17	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
bis (2-chloroisopropyl) ether	0.11	U	1.3	0.11	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Bis(2-ethylhexyl) phthalate	0.11	U	1.3	0.11	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
4-Bromophenyl phenyl ether	0.14	U	1.3	0.14	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Butyl benzyl phthalate	0.099	U	1.3	0.099	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
4-Chloroaniline	0.20	U	2.5	0.20	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
4-Chloro-3-methylphenol	0.13	U	1.3	0.13	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
2-Chloronaphthalene	0.13	U	1.3	0.13	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
2-Chlorophenol	0.15	U	1.3	0.15	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
4-Chlorophenyl phenyl ether	0.17	U	1.3	0.17	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Chrysene	0.080	U	1.3	0.080	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Dibenz(a,h)anthracene	0.15	U	1.3	0.15	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Dibenzofuran	0.13	U	1.3	0.13	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
3,3'-Dichlorobenzidine	0.11	U	2.5	0.11	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
2,4-Dichlorophenol	0.13	U	1.3	0.13	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Diethyl phthalate	0.14	U	1.3	0.14	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1

Client Sample ID: Comp 7-2B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-11
Matrix: Solid
Percent Solids: 26.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	0.17	U	1.3	0.17	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Dimethyl phthalate	0.13	U	1.3	0.13	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Di-n-butyl phthalate	0.11	U	1.3	0.11	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
4,6-Dinitro-2-methylphenol	0.65	U	6.5	0.65	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
2,4-Dinitrophenol	3.2	U	6.5	3.2	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
2,4-Dinitrotoluene	0.19	U	1.3	0.19	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
2,6-Dinitrotoluene	0.16	U	1.3	0.16	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Di-n-octyl phthalate	0.11	U	1.3	0.11	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
1,2-Diphenylhydrazine(as Azobenzene)	0.13	U	1.3	0.13	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Fluoranthene	0.12	U	1.3	0.12	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Fluorene	0.14	U	1.3	0.14	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Hexachlorobenzene	0.15	U	1.3	0.15	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Hexachlorobutadiene	0.14	U	1.3	0.14	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Hexachlorocyclopentadiene	0.16	U	1.3	0.16	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Hexachloroethane	0.11	U	1.3	0.11	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Indeno[1,2,3-cd]pyrene	0.11	U	1.3	0.11	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Isophorone	0.13	U	1.3	0.13	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
2-Methylnaphthalene	0.14	U	1.3	0.14	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
1-Methylnaphthalene	0.12	U	1.3	0.12	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Naphthalene	0.11	U	1.3	0.11	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Nitrobenzene	0.099	U	1.3	0.099	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
2-Nitrophenol	0.16	U	1.3	0.16	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
4-Nitrophenol	1.3	U	6.5	1.3	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
N-Nitrosodimethylamine	0.46	U	1.3	0.46	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
N-Nitrosodi-n-propylamine	0.12	U	1.3	0.12	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
N-Nitrosodiphenylamine	0.13	U	1.3	0.13	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Pentachlorophenol	1.3	U	6.5	1.3	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Phenanthrene	0.10	U	1.3	0.10	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Phenol	0.13	U	1.3	0.13	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
Pyrene	0.10	U	1.3	0.10	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1
2,4,6-Trichlorophenol	0.11	U	1.3	0.11	mg/Kg	☼	08/28/14 21:32	09/03/14 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*51*		*45 - 129*	*08/28/14 21:32*	*09/03/14 18:44*	*1*
2-Fluorobiphenyl	*51*		*41 - 116*	*08/28/14 21:32*	*09/03/14 18:44*	*1*
2-Fluorophenol (Surr)	*47*		*39 - 114*	*08/28/14 21:32*	*09/03/14 18:44*	*1*
Terphenyl-d14 (Surr)	*44*	*J1*	*46 - 126*	*08/28/14 21:32*	*09/03/14 18:44*	*1*
Phenol-d5 (Surr)	*47*		*38 - 122*	*08/28/14 21:32*	*09/03/14 18:44*	*1*
Nitrobenzene-d5 (Surr)	*51*		*37 - 115*	*08/28/14 21:32*	*09/03/14 18:44*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.3	U	11	1.3	ug/L		09/02/14 19:00	09/04/14 15:04	1
Acenaphthylene	0.92	U	11	0.92	ug/L		09/02/14 19:00	09/04/14 15:04	1
Anthracene	0.93	U	11	0.93	ug/L		09/02/14 19:00	09/04/14 15:04	1
Benzo[a]anthracene	0.96	U	11	0.96	ug/L		09/02/14 19:00	09/04/14 15:04	1
Benzo[a]pyrene	0.97	U	11	0.97	ug/L		09/02/14 19:00	09/04/14 15:04	1
Benzo[b]fluoranthene	0.87	U	11	0.87	ug/L		09/02/14 19:00	09/04/14 15:04	1
Benzo[g,h,i]perylene	2.1	U	11	2.1	ug/L		09/02/14 19:00	09/04/14 15:04	1

Client Sample ID: Comp 7-2B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-11
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.93	U	11	0.93	ug/L		09/02/14 19:00	09/04/14 15:04	1
Bis(2-chloroethoxy)methane	1.0	U	11	1.0	ug/L		09/02/14 19:00	09/04/14 15:04	1
Bis(2-chloroethyl)ether	2.1	U	11	2.1	ug/L		09/02/14 19:00	09/04/14 15:04	1
bis (2-chloroisopropyl) ether	1.2	U	11	1.2	ug/L		09/02/14 19:00	09/04/14 15:04	1
Bis(2-ethylhexyl) phthalate	**18**	**V**	11	2.7	ug/L		09/02/14 19:00	09/04/14 15:04	1
4-Bromophenyl phenyl ether	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 15:04	1
Butyl benzyl phthalate	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 15:04	1
4-Chloroaniline	1.8	U	22	1.8	ug/L		09/02/14 19:00	09/04/14 15:04	1
4-Chloro-3-methylphenol	1.2	U	11	1.2	ug/L		09/02/14 19:00	09/04/14 15:04	1
2-Chloronaphthalene	1.5	U	11	1.5	ug/L		09/02/14 19:00	09/04/14 15:04	1
2-Chlorophenol	1.7	U	11	1.7	ug/L		09/02/14 19:00	09/04/14 15:04	1
4-Chlorophenyl phenyl ether	1.6	U	11	1.6	ug/L		09/02/14 19:00	09/04/14 15:04	1
Chrysene	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 15:04	1
Dibenz(a,h)anthracene	2.5	U	11	2.5	ug/L		09/02/14 19:00	09/04/14 15:04	1
Dibenzofuran	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 15:04	1
3,3'-Dichlorobenzidine	7.4	U	22	7.4	ug/L		09/02/14 19:00	09/04/14 15:04	1
2,4-Dichlorophenol	3.6	U	11	3.6	ug/L		09/02/14 19:00	09/04/14 15:04	1
Diethyl phthalate	0.98	U	11	0.98	ug/L		09/02/14 19:00	09/04/14 15:04	1
2,4-Dimethylphenol	4.1	U	11	4.1	ug/L		09/02/14 19:00	09/04/14 15:04	1
Dimethyl phthalate	1.4	U	11	1.4	ug/L		09/02/14 19:00	09/04/14 15:04	1
Di-n-butyl phthalate	2.1	U	11	2.1	ug/L		09/02/14 19:00	09/04/14 15:04	1
4,6-Dinitro-2-methylphenol	1.1	U	54	1.1	ug/L		09/02/14 19:00	09/04/14 15:04	1
2,4-Dinitrophenol	3.4	U	54	3.4	ug/L		09/02/14 19:00	09/04/14 15:04	1
2,4-Dinitrotoluene	1.8	U	11	1.8	ug/L		09/02/14 19:00	09/04/14 15:04	1
2,6-Dinitrotoluene	2.3	U	11	2.3	ug/L		09/02/14 19:00	09/04/14 15:04	1
Di-n-octyl phthalate	2.2	U	11	2.2	ug/L		09/02/14 19:00	09/04/14 15:04	1
1,2-Diphenylhydrazine(as Azobenzene)	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 15:04	1
Fluoranthene	1.5	U	11	1.5	ug/L		09/02/14 19:00	09/04/14 15:04	1
Fluorene	0.98	U	11	0.98	ug/L		09/02/14 19:00	09/04/14 15:04	1
Hexachlorobenzene	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 15:04	1
Hexachlorobutadiene	2.1	U	11	2.1	ug/L		09/02/14 19:00	09/04/14 15:04	1
Hexachlorocyclopentadiene	2.3	U	11	2.3	ug/L		09/02/14 19:00	09/04/14 15:04	1
Hexachloroethane	4.9	U	11	4.9	ug/L		09/02/14 19:00	09/04/14 15:04	1
Indeno[1,2,3-cd]pyrene	2.6	U	11	2.6	ug/L		09/02/14 19:00	09/04/14 15:04	1
Isophorone	0.92	U	11	0.92	ug/L		09/02/14 19:00	09/04/14 15:04	1
2-Methylnaphthalene	1.6	U	11	1.6	ug/L		09/02/14 19:00	09/04/14 15:04	1
1-Methylnaphthalene	2.8	U	11	2.8	ug/L		09/02/14 19:00	09/04/14 15:04	1
Naphthalene	1.5	U	11	1.5	ug/L		09/02/14 19:00	09/04/14 15:04	1
Nitrobenzene	1.7	U	11	1.7	ug/L		09/02/14 19:00	09/04/14 15:04	1
2-Nitrophenol	1.0	U	11	1.0	ug/L		09/02/14 19:00	09/04/14 15:04	1
4-Nitrophenol	2.3	U	54	2.3	ug/L		09/02/14 19:00	09/04/14 15:04	1
N-Nitrosodimethylamine	2.6	U	11	2.6	ug/L		09/02/14 19:00	09/04/14 15:04	1
N-Nitrosodi-n-propylamine	1.0	U	11	1.0	ug/L		09/02/14 19:00	09/04/14 15:04	1
N-Nitrosodiphenylamine	0.67	U	11	0.67	ug/L		09/02/14 19:00	09/04/14 15:04	1
Pentachlorophenol	1.2	U	54	1.2	ug/L		09/02/14 19:00	09/04/14 15:04	1
Phenanthrene	1.5	U	11	1.5	ug/L		09/02/14 19:00	09/04/14 15:04	1
Phenol	1.3	U	11	1.3	ug/L		09/02/14 19:00	09/04/14 15:04	1
Pyrene	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 15:04	1
2,4,6-Trichlorophenol	1.3	U	11	1.3	ug/L		09/02/14 19:00	09/04/14 15:04	1

Client Sample ID: Comp 7-2B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-11
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	53		24 - 113	09/02/14 19:00	09/04/14 15:04	1
2-Fluorophenol (Surr)	45		12 - 105	09/02/14 19:00	09/04/14 15:04	1
Nitrobenzene-d5 (Surr)	53		26 - 107	09/02/14 19:00	09/04/14 15:04	1
Phenol-d5 (Surr)	52		17 - 111	09/02/14 19:00	09/04/14 15:04	1
Terphenyl-d14 (Surr)	67		36 - 127	09/02/14 19:00	09/04/14 15:04	1
2,4,6-Tribromophenol (Surr)	63		48 - 124	09/02/14 19:00	09/04/14 15:04	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	0.00068	U	0.0065	0.00068	mg/Kg	☼	08/27/14 22:43	08/28/14 20:52	1
4,4'-DDE	**0.00095**	**I**	0.0065	0.00068	mg/Kg	☼	08/27/14 22:43	08/28/14 20:52	1
4,4'-DDT	0.00084	U	0.0065	0.00084	mg/Kg	☼	08/27/14 22:43	08/28/14 20:52	1
Aldrin	0.00057	U	0.0065	0.00057	mg/Kg	☼	08/27/14 22:43	08/28/14 20:52	1
alpha-BHC	0.00053	U	0.0065	0.00053	mg/Kg	☼	08/27/14 22:43	08/28/14 20:52	1
beta-BHC	0.0013	U	0.0065	0.0013	mg/Kg	☼	08/27/14 22:43	08/28/14 20:52	1
Chlordane (technical)	0.011	U	0.065	0.011	mg/Kg	☼	08/27/14 22:43	08/28/14 20:52	1
delta-BHC	0.00072	U	0.0065	0.00072	mg/Kg	☼	08/27/14 22:43	08/28/14 20:52	1
Dieldrin	0.00065	U	0.0065	0.00065	mg/Kg	☼	08/27/14 22:43	08/28/14 20:52	1
Endosulfan I	0.00065	U	0.0065	0.00065	mg/Kg	☼	08/27/14 22:43	08/28/14 20:52	1
Endosulfan II	0.00057	U	0.0065	0.00057	mg/Kg	☼	08/27/14 22:43	08/28/14 20:52	1
Endosulfan sulfate	0.00080	U	0.0065	0.00080	mg/Kg	☼	08/27/14 22:43	08/28/14 20:52	1
Endrin	0.00084	U	0.0065	0.00084	mg/Kg	☼	08/27/14 22:43	08/28/14 20:52	1
Endrin aldehyde	0.00084	U	0.0065	0.00084	mg/Kg	☼	08/27/14 22:43	08/28/14 20:52	1
Endrin ketone	0.00076	U	0.0065	0.00076	mg/Kg	☼	08/27/14 22:43	08/28/14 20:52	1
gamma-BHC (Lindane)	0.00053	U	0.0065	0.00053	mg/Kg	☼	08/27/14 22:43	08/28/14 20:52	1
Heptachlor	0.00072	U	0.0065	0.00072	mg/Kg	☼	08/27/14 22:43	08/28/14 20:52	1
Heptachlor epoxide	0.00061	U	0.0065	0.00061	mg/Kg	☼	08/27/14 22:43	08/28/14 20:52	1
Methoxychlor	0.0011	U	0.0065	0.0011	mg/Kg	☼	08/27/14 22:43	08/28/14 20:52	1
Toxaphene	0.021	U	0.65	0.021	mg/Kg	☼	08/27/14 22:43	08/28/14 20:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	17	J1	54 - 133	08/27/14 22:43	08/28/14 20:52	1
Tetrachloro-m-xylene	21	J1	46 - 130	08/27/14 22:43	08/28/14 20:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	U	0.097	0.013	ug/L		09/03/14 06:14	09/03/14 18:42	1
4,4'-DDE	0.013	U	0.097	0.013	ug/L		09/03/14 06:14	09/03/14 18:42	1
4,4'-DDT	0.013	U	0.097	0.013	ug/L		09/03/14 06:14	09/03/14 18:42	1
Aldrin	0.0019	U	0.049	0.0019	ug/L		09/03/14 06:14	09/03/14 18:42	1
alpha-BHC	0.0058	U	0.049	0.0058	ug/L		09/03/14 06:14	09/03/14 18:42	1
beta-BHC	0.013	U	0.049	0.013	ug/L		09/03/14 06:14	09/03/14 18:42	1
delta-BHC	0.013	U	0.049	0.013	ug/L		09/03/14 06:14	09/03/14 18:42	1
Dieldrin	0.0019	U	0.097	0.0019	ug/L		09/03/14 06:14	09/03/14 18:42	1
Endosulfan I	0.013	U	0.049	0.013	ug/L		09/03/14 06:14	09/03/14 18:42	1
Endosulfan II	0.013	U	0.097	0.013	ug/L		09/03/14 06:14	09/03/14 18:42	1
Endosulfan sulfate	0.013	U	0.097	0.013	ug/L		09/03/14 06:14	09/03/14 18:42	1
Endrin	0.013	U	0.097	0.013	ug/L		09/03/14 06:14	09/03/14 18:42	1
Endrin aldehyde	0.013	U	0.097	0.013	ug/L		09/03/14 06:14	09/03/14 18:42	1
Endrin ketone	0.013	U	0.097	0.013	ug/L		09/03/14 06:14	09/03/14 18:42	1
gamma-BHC (Lindane)	0.013	U	0.049	0.013	ug/L		09/03/14 06:14	09/03/14 18:42	1

Client Sample ID: Comp 7-2B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-11
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	0.013	U	0.049	0.013	ug/L		09/03/14 06:14	09/03/14 18:42	1
Heptachlor epoxide	0.013	U	0.049	0.013	ug/L		09/03/14 06:14	09/03/14 18:42	1
Methoxychlor	0.013	U	0.49	0.013	ug/L		09/03/14 06:14	09/03/14 18:42	1
Chlordane (technical)	0.33	U	0.97	0.33	ug/L		09/03/14 06:14	09/03/14 18:42	1
Toxaphene	0.66	U	4.9	0.66	ug/L		09/03/14 06:14	09/03/14 18:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*18*	*J1*	*20 - 142*	*09/03/14 06:14*	*09/03/14 18:42*	*1*
Tetrachloro-m-xylene	*101*		*22 - 134*	*09/03/14 06:14*	*09/03/14 18:42*	*1*

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**750**		50	30	mg/Kg			08/29/14 18:26	5
Sulfate	**30**	I	50	30	mg/Kg			08/29/14 18:26	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.17	U	0.34	0.17	mg/Kg	☼	08/26/14 09:51	09/03/14 06:10	1
Arsenic	**3.0**		0.86	0.34	mg/Kg	☼	08/26/14 09:51	09/03/14 06:10	1
Barium	**10**		1.7	0.45	mg/Kg	☼	08/26/14 09:51	09/03/14 06:10	1
Beryllium	**0.24**		0.17	0.086	mg/Kg	☼	08/26/14 09:51	09/03/14 06:10	1
Cadmium	**0.13**	I	0.17	0.041	mg/Kg	☼	08/26/14 09:51	09/03/14 06:10	1
Chromium	**8.6**		1.7	0.86	mg/Kg	☼	08/26/14 09:51	09/03/14 06:10	1
Copper	**3.8**		1.7	0.69	mg/Kg	☼	08/26/14 09:51	09/03/14 06:10	1
Sodium	**1900**		86	55	mg/Kg	☼	08/26/14 09:51	09/03/14 06:10	1
Nickel	**3.3**		1.7	0.86	mg/Kg	☼	08/26/14 09:51	09/03/14 06:10	1
Lead	**5.6**		0.69	0.34	mg/Kg	☼	08/26/14 09:51	09/03/14 06:10	1
Antimony	1.7	U	3.4	1.7	mg/Kg	☼	08/26/14 09:51	09/03/14 06:10	1
Selenium	0.86	U	1.7	0.86	mg/Kg	☼	08/26/14 09:51	09/03/14 06:10	1
Thallium	0.086	U	0.34	0.086	mg/Kg	☼	08/26/14 09:51	09/03/14 06:10	1
Zinc	**12**		6.9	1.9	mg/Kg	☼	08/26/14 09:51	09/03/14 06:10	1

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 19:39	1
Arsenic	**13**		2.5	2.5	ug/L		09/12/14 15:52	09/12/14 19:39	1
Barium	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:39	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 19:39	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 19:39	1
Chromium	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:39	1
Copper	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:39	1
Nickel	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:39	1
Lead	1.5	U	1.5	1.5	ug/L		09/12/14 15:52	09/12/14 19:39	1
Antimony	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 19:39	1
Selenium	2.5	U	2.5	2.5	ug/L		09/12/14 15:52	09/12/14 19:39	1
Thallium	1.0	U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 19:39	1
Zinc	**23**		20	20	ug/L		09/12/14 15:52	09/12/14 19:39	1

Client Sample ID: Comp 7-2B

Lab Sample ID: 660-62441-11

Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/02/14 09:24	09/03/14 10:32	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.11**		0.064	0.026	mg/Kg	☼	08/26/14 13:39	08/27/14 15:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**130**		5.7	2.5	mg/Kg	☼	08/27/14 08:39	08/27/14 16:20	5
Total Kjeldahl Nitrogen	**2900**		160	98	mg/Kg	☼	09/02/14 16:09	09/03/14 13:52	1
Total Phosphorus as P	**440**		65	36	mg/Kg	☼	09/02/14 16:09	09/03/14 13:52	1
Cyanide, Total	0.77	U	1.8	0.77	mg/Kg	☼	08/27/14 08:10	08/27/14 12:35	1
Phenolics, Total Recoverable	4.4	U	18	4.4	mg/Kg	☼	08/29/14 08:49	08/29/14 14:29	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	2.1	U	7.6	2.1	mg/Kg	☼		08/28/14 12:50	1

Client Sample ID: Comp 7-3B

Lab Sample ID: 660-62441-12

Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 50.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.046	J3 U	0.19	0.046	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
Acrylonitrile	0.065	U	0.19	0.065	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
Benzene	0.0014	U	0.0096	0.0014	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
Bromoform	0.0029	U	0.0096	0.0029	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
Bromomethane	0.0029	U	0.0096	0.0029	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
Carbon tetrachloride	0.0016	U	0.0096	0.0016	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
Chlorobenzene	0.0018	U	0.0096	0.0018	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
Chloroethane	0.0052	U	0.0096	0.0052	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
Chloroform	0.0021	U	0.0096	0.0021	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
Chloromethane	0.0019	U	0.0096	0.0019	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
Dibromochloromethane	0.0033	U	0.0096	0.0033	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
1,2-Dichlorobenzene	0.0025	U	0.0096	0.0025	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
1,3-Dichlorobenzene	0.0031	U	0.0096	0.0031	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
1,4-Dichlorobenzene	0.0014	U	0.0096	0.0014	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
Dichlorodifluoromethane	0.0018	U	0.0096	0.0018	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
1,1-Dichloroethane	0.0021	U	0.0096	0.0021	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
1,2-Dichloroethane	0.0021	U	0.0096	0.0021	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
cis-1,2-Dichloroethene	0.0027	U	0.0096	0.0027	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
trans-1,2-Dichloroethene	0.0012	U	0.0096	0.0012	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
1,1-Dichloroethene	0.0029	U	0.0096	0.0029	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
1,2-Dichloropropane	0.0017	U	0.0096	0.0017	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
cis-1,3-Dichloropropene	0.0016	U	0.0096	0.0016	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
trans-1,3-Dichloropropene	0.0017	U	0.0096	0.0017	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
Ethylbenzene	0.0025	U	0.0096	0.0025	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
Methylene Chloride	0.0019	J3 U	0.0096	0.0019	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
Methyl tert-butyl ether	0.0019	U	0.019	0.0019	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1

Client Sample ID: Comp 7-3B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-12
Matrix: Solid
Percent Solids: 50.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.0037	U	0.0096	0.0037	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
Toluene	0.0016	U	0.0096	0.0016	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
1,2,4-Trichlorobenzene	0.0017	U	0.0096	0.0017	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
1,1,1-Trichloroethane	0.0011	U	0.0096	0.0011	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
1,1,2-Trichloroethane	0.0025	U	0.0096	0.0025	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
Trichloroethene	0.0025	U	0.0096	0.0025	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
Vinyl chloride	0.0029	U	0.0096	0.0029	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1
Xylenes, Total	0.0021	U	0.019	0.0021	mg/Kg	☼	08/29/14 08:00	08/29/14 20:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*81*		*65 - 130*	*08/29/14 08:00*	*08/29/14 20:19*	*1*
Dibromofluoromethane (Surr)	*86*		*65 - 130*	*08/29/14 08:00*	*08/29/14 20:19*	*1*
4-Bromofluorobenzene (Surr)	*109*		*65 - 130*	*08/29/14 08:00*	*08/29/14 20:19*	*1*
Toluene-d8 (Surr)	*96*		*65 - 130*	*08/29/14 08:00*	*08/29/14 20:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	J3 U	20	20	ug/L			09/02/14 14:39	1
Acrylonitrile	20	U	20	20	ug/L			09/02/14 14:39	1
Benzene	1.0	U	1.0	1.0	ug/L			09/02/14 14:39	1
Bromoform	1.0	U	1.0	1.0	ug/L			09/02/14 14:39	1
Bromomethane	5.0	U	5.0	5.0	ug/L			09/02/14 14:39	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			09/02/14 14:39	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			09/02/14 14:39	1
Chloroethane	5.0	U	5.0	5.0	ug/L			09/02/14 14:39	1
Chloroform	1.0	U	1.0	1.0	ug/L			09/02/14 14:39	1
Chloromethane	1.0	U	1.0	1.0	ug/L			09/02/14 14:39	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			09/02/14 14:39	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/02/14 14:39	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/02/14 14:39	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/02/14 14:39	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			09/02/14 14:39	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/02/14 14:39	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/02/14 14:39	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 14:39	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 14:39	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 14:39	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			09/02/14 14:39	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/02/14 14:39	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/02/14 14:39	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			09/02/14 14:39	1
Methylene Chloride	**20**		5.0	5.0	ug/L			09/02/14 14:39	1
Methyl tert-butyl ether	10	U	10	10	ug/L			09/02/14 14:39	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 14:39	1
Toluene	1.0	U	1.0	1.0	ug/L			09/02/14 14:39	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			09/02/14 14:39	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/02/14 14:39	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/02/14 14:39	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 14:39	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			09/02/14 14:39	1

Client Sample ID: Comp 7-3B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-12
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	2.0	ug/L			09/02/14 14:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*09/02/14 14:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*09/02/14 14:39*	*1*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*		*09/02/14 14:39*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*09/02/14 14:39*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.081	U	0.65	0.081	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Acenaphthylene	0.071	U	0.65	0.071	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Anthracene	0.049	U	0.65	0.049	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Benzo[a]anthracene	0.053	U	0.65	0.053	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Benzo[a]pyrene	0.10	U	0.65	0.10	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Benzo[b]fluoranthene	0.075	U	0.65	0.075	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Benzo[g,h,i]perylene	0.043	U	0.65	0.043	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Benzo[k]fluoranthene	0.13	U	0.65	0.13	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Bis(2-chloroethoxy)methane	0.077	U	0.65	0.077	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Bis(2-chloroethyl)ether	0.089	U	0.65	0.089	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
bis (2-chloroisopropyl) ether	0.059	U	0.65	0.059	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Bis(2-ethylhexyl) phthalate	0.057	U	0.65	0.057	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
4-Bromophenyl phenyl ether	0.071	U	0.65	0.071	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Butyl benzyl phthalate	0.051	U	0.65	0.051	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
4-Chloroaniline	0.10	U	1.3	0.10	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
4-Chloro-3-methylphenol	0.069	U	0.65	0.069	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
2-Chloronaphthalene	0.069	U	0.65	0.069	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
2-Chlorophenol	0.079	U	0.65	0.079	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
4-Chlorophenyl phenyl ether	0.087	U	0.65	0.087	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Chrysene	0.041	U	0.65	0.041	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Dibenz(a,h)anthracene	0.077	U	0.65	0.077	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Dibenzofuran	0.065	U	0.65	0.065	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
3,3'-Dichlorobenzidine	0.055	U	1.3	0.055	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
2,4-Dichlorophenol	0.069	U	0.65	0.069	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Diethyl phthalate	0.073	U	0.65	0.073	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
2,4-Dimethylphenol	0.087	U	0.65	0.087	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Dimethyl phthalate	0.067	U	0.65	0.067	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Di-n-butyl phthalate	0.059	U	0.65	0.059	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
4,6-Dinitro-2-methylphenol	0.33	U	3.3	0.33	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
2,4-Dinitrophenol	1.6	U	3.3	1.6	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
2,4-Dinitrotoluene	0.097	U	0.65	0.097	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
2,6-Dinitrotoluene	0.083	U	0.65	0.083	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Di-n-octyl phthalate	0.057	U	0.65	0.057	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
1,2-Diphenylhydrazine(as Azobenzene)	0.067	U	0.65	0.067	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Fluoranthene	0.063	U	0.65	0.063	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Fluorene	0.071	U	0.65	0.071	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Hexachlorobenzene	0.077	U	0.65	0.077	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Hexachlorobutadiene	0.071	U	0.65	0.071	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Hexachlorocyclopentadiene	0.081	U	0.65	0.081	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1

Client Sample ID: Comp 7-3B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-12
Matrix: Solid
Percent Solids: 50.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	0.055	U	0.65	0.055	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Indeno[1,2,3-cd]pyrene	0.055	U	0.65	0.055	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Isophorone	0.065	U	0.65	0.065	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
2-Methylnaphthalene	0.075	U	0.65	0.075	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
1-Methylnaphthalene	0.061	U	0.65	0.061	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Naphthalene	0.059	U	0.65	0.059	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Nitrobenzene	0.051	U	0.65	0.051	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
2-Nitrophenol	0.081	U	0.65	0.081	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
4-Nitrophenol	0.65	U	3.3	0.65	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
N-Nitrosodimethylamine	0.24	U	0.65	0.24	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
N-Nitrosodi-n-propylamine	0.063	U	0.65	0.063	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
N-Nitrosodiphenylamine	0.065	U	0.65	0.065	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Pentachlorophenol	0.65	U	3.3	0.65	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Phenanthrene	0.053	U	0.65	0.053	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Phenol	0.067	U	0.65	0.067	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
Pyrene	**0.054**	**I**	0.65	0.053	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1
2,4,6-Trichlorophenol	0.057	U	0.65	0.057	mg/Kg	☼	09/05/14 13:46	09/08/14 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*45 - 129*	*09/05/14 13:46*	*09/08/14 16:20*	*1*
2-Fluorobiphenyl	*51*		*41 - 116*	*09/05/14 13:46*	*09/08/14 16:20*	*1*
2-Fluorophenol (Surr)	*53*		*39 - 114*	*09/05/14 13:46*	*09/08/14 16:20*	*1*
Terphenyl-d14 (Surr)	*49*		*46 - 126*	*09/05/14 13:46*	*09/08/14 16:20*	*1*
Phenol-d5 (Surr)	*56*		*38 - 122*	*09/05/14 13:46*	*09/08/14 16:20*	*1*
Nitrobenzene-d5 (Surr)	*51*		*37 - 115*	*09/05/14 13:46*	*09/08/14 16:20*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.3	U	11	1.3	ug/L		09/02/14 19:00	09/04/14 15:36	1
Acenaphthylene	0.94	U	11	0.94	ug/L		09/02/14 19:00	09/04/14 15:36	1
Anthracene	0.96	U	11	0.96	ug/L		09/02/14 19:00	09/04/14 15:36	1
Benzo[a]anthracene	0.98	U	11	0.98	ug/L		09/02/14 19:00	09/04/14 15:36	1
Benzo[a]pyrene	0.99	U	11	0.99	ug/L		09/02/14 19:00	09/04/14 15:36	1
Benzo[b]fluoranthene	0.89	U	11	0.89	ug/L		09/02/14 19:00	09/04/14 15:36	1
Benzo[g,h,i]perylene	2.1	U	11	2.1	ug/L		09/02/14 19:00	09/04/14 15:36	1
Benzo[k]fluoranthene	0.96	U	11	0.96	ug/L		09/02/14 19:00	09/04/14 15:36	1
Bis(2-chloroethoxy)methane	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 15:36	1
Bis(2-chloroethyl)ether	2.1	U	11	2.1	ug/L		09/02/14 19:00	09/04/14 15:36	1
bis (2-chloroisopropyl) ether	1.2	U	11	1.2	ug/L		09/02/14 19:00	09/04/14 15:36	1
Bis(2-ethylhexyl) phthalate	**36**	**V**	11	2.8	ug/L		09/02/14 19:00	09/04/14 15:36	1
4-Bromophenyl phenyl ether	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 15:36	1
Butyl benzyl phthalate	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 15:36	1
4-Chloroaniline	1.9	U	22	1.9	ug/L		09/02/14 19:00	09/04/14 15:36	1
4-Chloro-3-methylphenol	1.2	U	11	1.2	ug/L		09/02/14 19:00	09/04/14 15:36	1
2-Chloronaphthalene	1.6	U	11	1.6	ug/L		09/02/14 19:00	09/04/14 15:36	1
2-Chlorophenol	1.8	U	11	1.8	ug/L		09/02/14 19:00	09/04/14 15:36	1
4-Chlorophenyl phenyl ether	1.7	U	11	1.7	ug/L		09/02/14 19:00	09/04/14 15:36	1
Chrysene	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 15:36	1
Dibenz(a,h)anthracene	2.6	U	11	2.6	ug/L		09/02/14 19:00	09/04/14 15:36	1
Dibenzofuran	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 15:36	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp 7-3B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-12
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	7.6	U	22	7.6	ug/L		09/02/14 19:00	09/04/14 15:36	1
2,4-Dichlorophenol	3.7	U	11	3.7	ug/L		09/02/14 19:00	09/04/14 15:36	1
Diethyl phthalate	1.0	U	11	1.0	ug/L		09/02/14 19:00	09/04/14 15:36	1
2,4-Dimethylphenol	4.2	U	11	4.2	ug/L		09/02/14 19:00	09/04/14 15:36	1
Dimethyl phthalate	1.4	U	11	1.4	ug/L		09/02/14 19:00	09/04/14 15:36	1
Di-n-butyl phthalate	2.1	U	11	2.1	ug/L		09/02/14 19:00	09/04/14 15:36	1
4,6-Dinitro-2-methylphenol	1.1	U	56	1.1	ug/L		09/02/14 19:00	09/04/14 15:36	1
2,4-Dinitrophenol	3.4	U	56	3.4	ug/L		09/02/14 19:00	09/04/14 15:36	1
2,4-Dinitrotoluene	1.9	U	11	1.9	ug/L		09/02/14 19:00	09/04/14 15:36	1
2,6-Dinitrotoluene	2.3	U	11	2.3	ug/L		09/02/14 19:00	09/04/14 15:36	1
Di-n-octyl phthalate	2.2	U	11	2.2	ug/L		09/02/14 19:00	09/04/14 15:36	1
1,2-Diphenylhydrazine(as Azobenzene)	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 15:36	1
Fluoranthene	1.6	U	11	1.6	ug/L		09/02/14 19:00	09/04/14 15:36	1
Fluorene	1.0	U	11	1.0	ug/L		09/02/14 19:00	09/04/14 15:36	1
Hexachlorobenzene	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 15:36	1
Hexachlorobutadiene	2.1	U	11	2.1	ug/L		09/02/14 19:00	09/04/14 15:36	1
Hexachlorocyclopentadiene	2.3	U	11	2.3	ug/L		09/02/14 19:00	09/04/14 15:36	1
Hexachloroethane	5.0	U	11	5.0	ug/L		09/02/14 19:00	09/04/14 15:36	1
Indeno[1,2,3-cd]pyrene	2.7	U	11	2.7	ug/L		09/02/14 19:00	09/04/14 15:36	1
Isophorone	0.94	U	11	0.94	ug/L		09/02/14 19:00	09/04/14 15:36	1
2-Methylnaphthalene	1.7	U	11	1.7	ug/L		09/02/14 19:00	09/04/14 15:36	1
1-Methylnaphthalene	2.9	U	11	2.9	ug/L		09/02/14 19:00	09/04/14 15:36	1
Naphthalene	1.6	U	11	1.6	ug/L		09/02/14 19:00	09/04/14 15:36	1
Nitrobenzene	1.8	U	11	1.8	ug/L		09/02/14 19:00	09/04/14 15:36	1
2-Nitrophenol	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 15:36	1
4-Nitrophenol	2.3	U	56	2.3	ug/L		09/02/14 19:00	09/04/14 15:36	1
N-Nitrosodimethylamine	2.7	U	11	2.7	ug/L		09/02/14 19:00	09/04/14 15:36	1
N-Nitrosodi-n-propylamine	1.0	U	11	1.0	ug/L		09/02/14 19:00	09/04/14 15:36	1
N-Nitrosodiphenylamine	0.69	U	11	0.69	ug/L		09/02/14 19:00	09/04/14 15:36	1
Pentachlorophenol	1.2	U	56	1.2	ug/L		09/02/14 19:00	09/04/14 15:36	1
Phenanthrene	1.6	U	11	1.6	ug/L		09/02/14 19:00	09/04/14 15:36	1
Phenol	1.3	U	11	1.3	ug/L		09/02/14 19:00	09/04/14 15:36	1
Pyrene	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 15:36	1
2,4,6-Trichlorophenol	1.3	U	11	1.3	ug/L		09/02/14 19:00	09/04/14 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*59*		*24 - 113*	*09/02/14 19:00*	*09/04/14 15:36*	*1*
2-Fluorophenol (Surr)	*55*		*12 - 105*	*09/02/14 19:00*	*09/04/14 15:36*	*1*
Nitrobenzene-d5 (Surr)	*60*		*26 - 107*	*09/02/14 19:00*	*09/04/14 15:36*	*1*
Phenol-d5 (Surr)	*59*		*17 - 111*	*09/02/14 19:00*	*09/04/14 15:36*	*1*
Terphenyl-d14 (Surr)	*41*		*36 - 127*	*09/02/14 19:00*	*09/04/14 15:36*	*1*
2,4,6-Tribromophenol (Surr)	*69*		*48 - 124*	*09/02/14 19:00*	*09/04/14 15:36*	*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	0.00035	U	0.0033	0.00035	mg/Kg	☼	08/27/14 22:43	08/28/14 21:06	1
4,4'-DDE	0.00035	U	0.0033	0.00035	mg/Kg	☼	08/27/14 22:43	08/28/14 21:06	1
4,4'-DDT	0.00043	U	0.0033	0.00043	mg/Kg	☼	08/27/14 22:43	08/28/14 21:06	1
Aldrin	0.00029	U	0.0033	0.00029	mg/Kg	☼	08/27/14 22:43	08/28/14 21:06	1

Client Sample ID: Comp 7-3B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-12
Matrix: Solid
Percent Solids: 50.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	0.00028	U	0.0033	0.00028	mg/Kg	☼	08/27/14 22:43	08/28/14 21:06	1
beta-BHC	0.00065	U	0.0033	0.00065	mg/Kg	☼	08/27/14 22:43	08/28/14 21:06	1
Chlordane (technical)	0.0057	U	0.033	0.0057	mg/Kg	☼	08/27/14 22:43	08/28/14 21:06	1
delta-BHC	0.00037	U	0.0033	0.00037	mg/Kg	☼	08/27/14 22:43	08/28/14 21:06	1
Dieldrin	0.00033	U	0.0033	0.00033	mg/Kg	☼	08/27/14 22:43	08/28/14 21:06	1
Endosulfan I	0.00033	U	0.0033	0.00033	mg/Kg	☼	08/27/14 22:43	08/28/14 21:06	1
Endosulfan II	0.00029	U	0.0033	0.00029	mg/Kg	☼	08/27/14 22:43	08/28/14 21:06	1
Endosulfan sulfate	0.00041	U	0.0033	0.00041	mg/Kg	☼	08/27/14 22:43	08/28/14 21:06	1
Endrin	0.00043	U	0.0033	0.00043	mg/Kg	☼	08/27/14 22:43	08/28/14 21:06	1
Endrin aldehyde	0.00043	U	0.0033	0.00043	mg/Kg	☼	08/27/14 22:43	08/28/14 21:06	1
Endrin ketone	0.00039	U	0.0033	0.00039	mg/Kg	☼	08/27/14 22:43	08/28/14 21:06	1
gamma-BHC (Lindane)	0.00028	U	0.0033	0.00028	mg/Kg	☼	08/27/14 22:43	08/28/14 21:06	1
Heptachlor	0.00037	U	0.0033	0.00037	mg/Kg	☼	08/27/14 22:43	08/28/14 21:06	1
Heptachlor epoxide	0.00031	U	0.0033	0.00031	mg/Kg	☼	08/27/14 22:43	08/28/14 21:06	1
Methoxychlor	0.00055	U	0.0033	0.00055	mg/Kg	☼	08/27/14 22:43	08/28/14 21:06	1
Toxaphene	0.011	U	0.33	0.011	mg/Kg	☼	08/27/14 22:43	08/28/14 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*24*	*J1*	*54 - 133*	*08/27/14 22:43*	*08/28/14 21:06*	*1*
Tetrachloro-m-xylene	*24*	*J1*	*46 - 130*	*08/27/14 22:43*	*08/28/14 21:06*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	U	0.099	0.013	ug/L		09/03/14 06:14	09/04/14 16:34	1
4,4'-DDE	0.013	U	0.099	0.013	ug/L		09/03/14 06:14	09/04/14 16:34	1
4,4'-DDT	0.013	U	0.099	0.013	ug/L		09/03/14 06:14	09/04/14 16:34	1
Aldrin	0.0020	U	0.050	0.0020	ug/L		09/03/14 06:14	09/04/14 16:34	1
alpha-BHC	0.0060	U	0.050	0.0060	ug/L		09/03/14 06:14	09/04/14 16:34	1
beta-BHC	0.013	U	0.050	0.013	ug/L		09/03/14 06:14	09/04/14 16:34	1
delta-BHC	0.013	U	0.050	0.013	ug/L		09/03/14 06:14	09/04/14 16:34	1
Dieldrin	0.0020	U	0.099	0.0020	ug/L		09/03/14 06:14	09/04/14 16:34	1
Endosulfan I	0.013	U	0.050	0.013	ug/L		09/03/14 06:14	09/04/14 16:34	1
Endosulfan II	0.013	U	0.099	0.013	ug/L		09/03/14 06:14	09/04/14 16:34	1
Endosulfan sulfate	0.013	U	0.099	0.013	ug/L		09/03/14 06:14	09/04/14 16:34	1
Endrin	0.013	U	0.099	0.013	ug/L		09/03/14 06:14	09/04/14 16:34	1
Endrin aldehyde	0.013	U	0.099	0.013	ug/L		09/03/14 06:14	09/04/14 16:34	1
Endrin ketone	0.013	U	0.099	0.013	ug/L		09/03/14 06:14	09/04/14 16:34	1
gamma-BHC (Lindane)	0.013	U	0.050	0.013	ug/L		09/03/14 06:14	09/04/14 16:34	1
Heptachlor	0.013	U	0.050	0.013	ug/L		09/03/14 06:14	09/04/14 16:34	1
Heptachlor epoxide	0.013	U	0.050	0.013	ug/L		09/03/14 06:14	09/04/14 16:34	1
Methoxychlor	0.013	U	0.50	0.013	ug/L		09/03/14 06:14	09/04/14 16:34	1
Chlordane (technical)	0.34	U	0.99	0.34	ug/L		09/03/14 06:14	09/04/14 16:34	1
Toxaphene	0.68	U	5.0	0.68	ug/L		09/03/14 06:14	09/04/14 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*7*	*J1*	*20 - 142*	*09/03/14 06:14*	*09/04/14 16:34*	*1*
Tetrachloro-m-xylene	*91*		*22 - 134*	*09/03/14 06:14*	*09/04/14 16:34*	*1*

Client Sample ID: Comp 7-3B

Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-12

Matrix: Solid

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**380**		100	60	mg/Kg			08/29/14 18:41	10
Sulfate	60	U	100	60	mg/Kg			08/29/14 18:41	10

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.094	U	0.19	0.094	mg/Kg	☼	08/26/14 09:51	09/03/14 06:17	1
Arsenic	**2.8**		0.47	0.19	mg/Kg	☼	08/26/14 09:51	09/03/14 06:17	1
Barium	**18**		0.94	0.24	mg/Kg	☼	08/26/14 09:51	09/03/14 06:17	1
Beryllium	**0.48**		0.094	0.047	mg/Kg	☼	08/26/14 09:51	09/03/14 06:17	1
Cadmium	**0.038**	**I**	0.094	0.023	mg/Kg	☼	08/26/14 09:51	09/03/14 06:17	1
Chromium	**16**		0.94	0.47	mg/Kg	☼	08/26/14 09:51	09/03/14 06:17	1
Copper	**2.2**		0.94	0.38	mg/Kg	☼	08/26/14 09:51	09/03/14 06:17	1
Sodium	**1600**		47	30	mg/Kg	☼	08/26/14 09:51	09/03/14 06:17	1
Nickel	**4.9**		0.94	0.47	mg/Kg	☼	08/26/14 09:51	09/03/14 06:17	1
Lead	**7.4**		0.38	0.19	mg/Kg	☼	08/26/14 09:51	09/03/14 06:17	1
Antimony	0.94	U	1.9	0.94	mg/Kg	☼	08/26/14 09:51	09/03/14 06:17	1
Selenium	**1.4**		0.94	0.47	mg/Kg	☼	08/26/14 09:51	09/03/14 06:17	1
Thallium	0.047	U	0.19	0.047	mg/Kg	☼	08/26/14 09:51	09/03/14 06:17	1
Zinc	**7.8**		3.8	1.0	mg/Kg	☼	08/26/14 09:51	09/03/14 06:17	1

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 20:15	1
Arsenic	**11**		2.5	2.5	ug/L		09/12/14 15:52	09/12/14 20:15	1
Barium	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 20:15	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 20:15	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 20:15	1
Chromium	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 20:15	1
Copper	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 20:15	1
Nickel	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 20:15	1
Lead	1.5	U	1.5	1.5	ug/L		09/12/14 15:52	09/12/14 20:15	1
Antimony	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 20:15	1
Selenium	**3.8**		2.5	2.5	ug/L		09/12/14 15:52	09/12/14 20:15	1
Thallium	1.0	U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 20:15	1
Zinc	20	U	20	20	ug/L		09/12/14 15:52	09/12/14 20:15	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/02/14 09:24	09/03/14 10:35	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.048**		0.035	0.014	mg/Kg	☼	08/26/14 13:39	08/27/14 15:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**53**		3.0	1.3	mg/Kg	☼	08/27/14 08:39	08/27/14 16:20	5
Total Kjeldahl Nitrogen	**1500**		84	50	mg/Kg	☼	09/02/14 16:09	09/03/14 13:53	1
Total Phosphorus as P	**110**		33	18	mg/Kg	☼	09/02/14 16:09	09/03/14 13:53	1
Cyanide, Total	0.40	U	0.96	0.40	mg/Kg	☼	08/27/14 08:10	08/27/14 12:36	1
Phenolics, Total Recoverable	2.3	U	9.0	2.3	mg/Kg	☼	08/29/14 08:49	08/29/14 14:01	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp 7-3B

Lab Sample ID: 660-62441-12
Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 50.7

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	1.1	U	3.9	1.1	mg/Kg	☼		08/28/14 12:51	1

Client Sample ID: Comp 7-4B

Lab Sample ID: 660-62441-13
Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 24.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.097	U	0.40	0.097	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
Acrylonitrile	0.14	U	0.40	0.14	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
Benzene	0.0030	U	0.020	0.0030	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
Bromoform	0.0061	U	0.020	0.0061	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
Bromomethane	0.0061	U	0.020	0.0061	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
Carbon tetrachloride	0.0034	U	0.020	0.0034	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
Chlorobenzene	0.0039	U	0.020	0.0039	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
Chloroethane	0.011	U	0.020	0.011	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
Chloroform	0.0045	U	0.020	0.0045	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
Chloromethane	0.0040	U	0.020	0.0040	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
Dibromochloromethane	0.0069	U	0.020	0.0069	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
1,2-Dichlorobenzene	0.0053	U	0.020	0.0053	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
1,3-Dichlorobenzene	0.0065	U	0.020	0.0065	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
1,4-Dichlorobenzene	0.0030	U	0.020	0.0030	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
Dichlorodifluoromethane	0.0038	U	0.020	0.0038	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
1,1-Dichloroethane	0.0045	U	0.020	0.0045	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
1,2-Dichloroethane	0.0045	U	0.020	0.0045	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
cis-1,2-Dichloroethene	0.0057	U	0.020	0.0057	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
trans-1,2-Dichloroethene	0.0025	U	0.020	0.0025	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
1,1-Dichloroethene	0.0061	U	0.020	0.0061	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
1,2-Dichloropropane	0.0035	U	0.020	0.0035	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
cis-1,3-Dichloropropene	0.0034	U	0.020	0.0034	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
trans-1,3-Dichloropropene	0.0035	U	0.020	0.0035	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
Ethylbenzene	0.0053	U	0.020	0.0053	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
Methylene Chloride	0.0040	J3 U	0.020	0.0040	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
Methyl tert-butyl ether	0.0040	J3 U	0.040	0.0040	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
Tetrachloroethene	0.0077	U	0.020	0.0077	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
Toluene	0.0034	U	0.020	0.0034	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
1,2,4-Trichlorobenzene	0.0036	U	0.020	0.0036	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
1,1,1-Trichloroethane	0.0024	U	0.020	0.0024	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
1,1,2-Trichloroethane	0.0053	U	0.020	0.0053	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
Trichloroethene	0.0053	U	0.020	0.0053	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
Vinyl chloride	0.0061	U	0.020	0.0061	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1
Xylenes, Total	0.0045	U	0.040	0.0045	mg/Kg	☼	08/31/14 15:42	08/31/14 18:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*65 - 130*	*08/31/14 15:42*	*08/31/14 18:21*	*1*
Dibromofluoromethane (Surr)	*91*		*65 - 130*	*08/31/14 15:42*	*08/31/14 18:21*	*1*
4-Bromofluorobenzene (Surr)	*111*		*65 - 130*	*08/31/14 15:42*	*08/31/14 18:21*	*1*
Toluene-d8 (Surr)	*98*		*65 - 130*	*08/31/14 15:42*	*08/31/14 18:21*	*1*

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp 7-4B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-13
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	J3 U	20	20	ug/L			09/02/14 15:01	1
Acrylonitrile	20	U	20	20	ug/L			09/02/14 15:01	1
Benzene	1.0	U	1.0	1.0	ug/L			09/02/14 15:01	1
Bromoform	1.0	U	1.0	1.0	ug/L			09/02/14 15:01	1
Bromomethane	5.0	U	5.0	5.0	ug/L			09/02/14 15:01	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			09/02/14 15:01	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			09/02/14 15:01	1
Chloroethane	5.0	U	5.0	5.0	ug/L			09/02/14 15:01	1
Chloroform	1.0	U	1.0	1.0	ug/L			09/02/14 15:01	1
Chloromethane	1.0	U	1.0	1.0	ug/L			09/02/14 15:01	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			09/02/14 15:01	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/02/14 15:01	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/02/14 15:01	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/02/14 15:01	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			09/02/14 15:01	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/02/14 15:01	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/02/14 15:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 15:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 15:01	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 15:01	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			09/02/14 15:01	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/02/14 15:01	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/02/14 15:01	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			09/02/14 15:01	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			09/02/14 15:01	1
Methyl tert-butyl ether	10	U	10	10	ug/L			09/02/14 15:01	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 15:01	1
Toluene	1.0	U	1.0	1.0	ug/L			09/02/14 15:01	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			09/02/14 15:01	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/02/14 15:01	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/02/14 15:01	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 15:01	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			09/02/14 15:01	1
Xylenes, Total	2.0	U	2.0	2.0	ug/L			09/02/14 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*09/02/14 15:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*09/02/14 15:01*	*1*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*		*09/02/14 15:01*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*09/02/14 15:01*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.17	U	1.4	0.17	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Acenaphthylene	0.15	U	1.4	0.15	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Anthracene	0.10	U	1.4	0.10	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Benzo[a]anthracene	0.11	U	1.4	0.11	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Benzo[a]pyrene	0.21	U	1.4	0.21	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Benzo[b]fluoranthene	0.16	U	1.4	0.16	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Benzo[g,h,i]perylene	0.090	U	1.4	0.090	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp 7-4B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-13
Matrix: Solid
Percent Solids: 24.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.27	U	1.4	0.27	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Bis(2-chloroethoxy)methane	0.16	U	1.4	0.16	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Bis(2-chloroethyl)ether	0.18	U	1.4	0.18	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
bis (2-chloroisopropyl) ether	0.12	U	1.4	0.12	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Bis(2-ethylhexyl) phthalate	0.12	U	1.4	0.12	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
4-Bromophenyl phenyl ether	0.15	U	1.4	0.15	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Butyl benzyl phthalate	0.11	U	1.4	0.11	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
4-Chloroaniline	0.21	U	2.7	0.21	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
4-Chloro-3-methylphenol	0.14	U	1.4	0.14	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
2-Chloronaphthalene	0.14	U	1.4	0.14	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
2-Chlorophenol	0.16	U	1.4	0.16	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
4-Chlorophenyl phenyl ether	0.18	U	1.4	0.18	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Chrysene	0.086	U	1.4	0.086	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Dibenz(a,h)anthracene	0.16	U	1.4	0.16	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Dibenzofuran	0.14	U	1.4	0.14	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
3,3'-Dichlorobenzidine	0.11	U	2.7	0.11	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
2,4-Dichlorophenol	0.14	U	1.4	0.14	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Diethyl phthalate	0.15	U	1.4	0.15	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
2,4-Dimethylphenol	0.18	U	1.4	0.18	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Dimethyl phthalate	0.14	U	1.4	0.14	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Di-n-butyl phthalate	0.12	U	1.4	0.12	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
4,6-Dinitro-2-methylphenol	0.70	U	7.0	0.70	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
2,4-Dinitrophenol	3.4	U	7.0	3.4	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
2,4-Dinitrotoluene	0.20	U	1.4	0.20	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
2,6-Dinitrotoluene	0.17	U	1.4	0.17	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Di-n-octyl phthalate	0.12	U	1.4	0.12	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
1,2-Diphenylhydrazine(as Azobenzene)	0.14	U	1.4	0.14	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Fluoranthene	0.13	U	1.4	0.13	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Fluorene	0.15	U	1.4	0.15	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Hexachlorobenzene	0.16	U	1.4	0.16	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Hexachlorobutadiene	0.15	U	1.4	0.15	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Hexachlorocyclopentadiene	0.17	U	1.4	0.17	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Hexachloroethane	0.11	U	1.4	0.11	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Indeno[1,2,3-cd]pyrene	0.11	U	1.4	0.11	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Isophorone	0.14	U	1.4	0.14	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
2-Methylnaphthalene	0.16	U	1.4	0.16	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
1-Methylnaphthalene	0.13	U	1.4	0.13	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Naphthalene	0.12	U	1.4	0.12	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Nitrobenzene	0.11	U	1.4	0.11	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
2-Nitrophenol	0.17	U	1.4	0.17	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
4-Nitrophenol	1.4	U	7.0	1.4	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
N-Nitrosodimethylamine	0.49	U	1.4	0.49	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
N-Nitrosodi-n-propylamine	0.13	U	1.4	0.13	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
N-Nitrosodiphenylamine	0.14	U	1.4	0.14	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Pentachlorophenol	1.4	U	7.0	1.4	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Phenanthrene	0.11	U	1.4	0.11	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Phenol	0.14	U	1.4	0.14	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
Pyrene	0.11	U	1.4	0.11	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1
2,4,6-Trichlorophenol	0.12	U	1.4	0.12	mg/Kg	☼	08/28/14 21:32	09/03/14 19:36	1

Client Sample ID: Comp 7-4B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-13
Matrix: Solid
Percent Solids: 24.4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*45 - 129*	*08/28/14 21:32*	*09/03/14 19:36*	*1*
2-Fluorobiphenyl	*56*		*41 - 116*	*08/28/14 21:32*	*09/03/14 19:36*	*1*
2-Fluorophenol (Surr)	*51*		*39 - 114*	*08/28/14 21:32*	*09/03/14 19:36*	*1*
Terphenyl-d14 (Surr)	*49*		*46 - 126*	*08/28/14 21:32*	*09/03/14 19:36*	*1*
Phenol-d5 (Surr)	*52*		*38 - 122*	*08/28/14 21:32*	*09/03/14 19:36*	*1*
Nitrobenzene-d5 (Surr)	*55*		*37 - 115*	*08/28/14 21:32*	*09/03/14 19:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.3	U	11	1.3	ug/L		09/02/14 19:00	09/04/14 16:07	1
Acenaphthylene	0.94	U	11	0.94	ug/L		09/02/14 19:00	09/04/14 16:07	1
Anthracene	0.96	U	11	0.96	ug/L		09/02/14 19:00	09/04/14 16:07	1
Benzo[a]anthracene	0.98	U	11	0.98	ug/L		09/02/14 19:00	09/04/14 16:07	1
Benzo[a]pyrene	0.99	U	11	0.99	ug/L		09/02/14 19:00	09/04/14 16:07	1
Benzo[b]fluoranthene	0.89	U	11	0.89	ug/L		09/02/14 19:00	09/04/14 16:07	1
Benzo[g,h,i]perylene	2.1	U	11	2.1	ug/L		09/02/14 19:00	09/04/14 16:07	1
Benzo[k]fluoranthene	0.96	U	11	0.96	ug/L		09/02/14 19:00	09/04/14 16:07	1
Bis(2-chloroethoxy)methane	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 16:07	1
Bis(2-chloroethyl)ether	2.1	U	11	2.1	ug/L		09/02/14 19:00	09/04/14 16:07	1
bis (2-chloroisopropyl) ether	1.2	U	11	1.2	ug/L		09/02/14 19:00	09/04/14 16:07	1
Bis(2-ethylhexyl) phthalate	**13**	**V**	11	2.8	ug/L		09/02/14 19:00	09/04/14 16:07	1
4-Bromophenyl phenyl ether	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 16:07	1
Butyl benzyl phthalate	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 16:07	1
4-Chloroaniline	1.9	U	22	1.9	ug/L		09/02/14 19:00	09/04/14 16:07	1
4-Chloro-3-methylphenol	1.2	U	11	1.2	ug/L		09/02/14 19:00	09/04/14 16:07	1
2-Chloronaphthalene	1.6	U	11	1.6	ug/L		09/02/14 19:00	09/04/14 16:07	1
2-Chlorophenol	1.8	U	11	1.8	ug/L		09/02/14 19:00	09/04/14 16:07	1
4-Chlorophenyl phenyl ether	1.7	U	11	1.7	ug/L		09/02/14 19:00	09/04/14 16:07	1
Chrysene	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 16:07	1
Dibenz(a,h)anthracene	2.6	U	11	2.6	ug/L		09/02/14 19:00	09/04/14 16:07	1
Dibenzofuran	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 16:07	1
3,3'-Dichlorobenzidine	7.6	U	22	7.6	ug/L		09/02/14 19:00	09/04/14 16:07	1
2,4-Dichlorophenol	3.7	U	11	3.7	ug/L		09/02/14 19:00	09/04/14 16:07	1
Diethyl phthalate	1.0	U	11	1.0	ug/L		09/02/14 19:00	09/04/14 16:07	1
2,4-Dimethylphenol	4.2	U	11	4.2	ug/L		09/02/14 19:00	09/04/14 16:07	1
Dimethyl phthalate	1.4	U	11	1.4	ug/L		09/02/14 19:00	09/04/14 16:07	1
Di-n-butyl phthalate	2.1	U	11	2.1	ug/L		09/02/14 19:00	09/04/14 16:07	1
4,6-Dinitro-2-methylphenol	1.1	U	56	1.1	ug/L		09/02/14 19:00	09/04/14 16:07	1
2,4-Dinitrophenol	3.4	U	56	3.4	ug/L		09/02/14 19:00	09/04/14 16:07	1
2,4-Dinitrotoluene	1.9	U	11	1.9	ug/L		09/02/14 19:00	09/04/14 16:07	1
2,6-Dinitrotoluene	2.3	U	11	2.3	ug/L		09/02/14 19:00	09/04/14 16:07	1
Di-n-octyl phthalate	2.2	U	11	2.2	ug/L		09/02/14 19:00	09/04/14 16:07	1
1,2-Diphenylhydrazine(as Azobenzene)	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 16:07	1
Fluoranthene	1.6	U	11	1.6	ug/L		09/02/14 19:00	09/04/14 16:07	1
Fluorene	1.0	U	11	1.0	ug/L		09/02/14 19:00	09/04/14 16:07	1
Hexachlorobenzene	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 16:07	1
Hexachlorobutadiene	2.1	U	11	2.1	ug/L		09/02/14 19:00	09/04/14 16:07	1
Hexachlorocyclopentadiene	2.3	U	11	2.3	ug/L		09/02/14 19:00	09/04/14 16:07	1
Hexachloroethane	5.0	U	11	5.0	ug/L		09/02/14 19:00	09/04/14 16:07	1

Client Sample ID: Comp 7-4B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-13
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	2.7	U	11	2.7	ug/L		09/02/14 19:00	09/04/14 16:07	1
Isophorone	0.94	U	11	0.94	ug/L		09/02/14 19:00	09/04/14 16:07	1
2-Methylnaphthalene	1.7	U	11	1.7	ug/L		09/02/14 19:00	09/04/14 16:07	1
1-Methylnaphthalene	2.9	U	11	2.9	ug/L		09/02/14 19:00	09/04/14 16:07	1
Naphthalene	1.6	U	11	1.6	ug/L		09/02/14 19:00	09/04/14 16:07	1
Nitrobenzene	1.8	U	11	1.8	ug/L		09/02/14 19:00	09/04/14 16:07	1
2-Nitrophenol	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 16:07	1
4-Nitrophenol	2.3	U	56	2.3	ug/L		09/02/14 19:00	09/04/14 16:07	1
N-Nitrosodimethylamine	2.7	U	11	2.7	ug/L		09/02/14 19:00	09/04/14 16:07	1
N-Nitrosodi-n-propylamine	1.0	U	11	1.0	ug/L		09/02/14 19:00	09/04/14 16:07	1
N-Nitrosodiphenylamine	0.69	U	11	0.69	ug/L		09/02/14 19:00	09/04/14 16:07	1
Pentachlorophenol	1.2	U	56	1.2	ug/L		09/02/14 19:00	09/04/14 16:07	1
Phenanthrene	1.6	U	11	1.6	ug/L		09/02/14 19:00	09/04/14 16:07	1
Phenol	1.3	U	11	1.3	ug/L		09/02/14 19:00	09/04/14 16:07	1
Pyrene	1.1	U	11	1.1	ug/L		09/02/14 19:00	09/04/14 16:07	1
2,4,6-Trichlorophenol	1.3	U	11	1.3	ug/L		09/02/14 19:00	09/04/14 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*68*		*24 - 113*	*09/02/14 19:00*	*09/04/14 16:07*	*1*
2-Fluorophenol (Surr)	*60*		*12 - 105*	*09/02/14 19:00*	*09/04/14 16:07*	*1*
Nitrobenzene-d5 (Surr)	*67*		*26 - 107*	*09/02/14 19:00*	*09/04/14 16:07*	*1*
Phenol-d5 (Surr)	*63*		*17 - 111*	*09/02/14 19:00*	*09/04/14 16:07*	*1*
Terphenyl-d14 (Surr)	*76*		*36 - 127*	*09/02/14 19:00*	*09/04/14 16:07*	*1*
2,4,6-Tribromophenol (Surr)	*69*		*48 - 124*	*09/02/14 19:00*	*09/04/14 16:07*	*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	0.00074	J3 U	0.0070	0.00074	mg/Kg	☼	08/27/14 22:43	08/28/14 21:21	1
4,4'-DDE	**0.0028**	**I J3**	0.0070	0.00074	mg/Kg	☼	08/27/14 22:43	08/28/14 21:21	1
4,4'-DDT	0.00090	J3 U	0.0070	0.00090	mg/Kg	☼	08/27/14 22:43	08/28/14 21:21	1
Aldrin	0.00062	J3 U	0.0070	0.00062	mg/Kg	☼	08/27/14 22:43	08/28/14 21:21	1
alpha-BHC	0.00057	J3 U	0.0070	0.00057	mg/Kg	☼	08/27/14 22:43	08/28/14 21:21	1
beta-BHC	0.0014	J3 U	0.0070	0.0014	mg/Kg	☼	08/27/14 22:43	08/28/14 21:21	1
Chlordane (technical)	0.012	U	0.070	0.012	mg/Kg	☼	08/27/14 22:43	08/28/14 21:21	1
delta-BHC	0.00078	J3 U	0.0070	0.00078	mg/Kg	☼	08/27/14 22:43	08/28/14 21:21	1
Dieldrin	0.00070	J3 U	0.0070	0.00070	mg/Kg	☼	08/27/14 22:43	08/28/14 21:21	1
Endosulfan I	0.00070	J3 U	0.0070	0.00070	mg/Kg	☼	08/27/14 22:43	08/28/14 21:21	1
Endosulfan II	0.00062	J3 U	0.0070	0.00062	mg/Kg	☼	08/27/14 22:43	08/28/14 21:21	1
Endosulfan sulfate	0.00086	J3 U	0.0070	0.00086	mg/Kg	☼	08/27/14 22:43	08/28/14 21:21	1
Endrin	0.00090	J3 U	0.0070	0.00090	mg/Kg	☼	08/27/14 22:43	08/28/14 21:21	1
Endrin aldehyde	0.00090	J3 U	0.0070	0.00090	mg/Kg	☼	08/27/14 22:43	08/28/14 21:21	1
Endrin ketone	0.00082	J3 U	0.0070	0.00082	mg/Kg	☼	08/27/14 22:43	08/28/14 21:21	1
gamma-BHC (Lindane)	0.00057	J3 U	0.0070	0.00057	mg/Kg	☼	08/27/14 22:43	08/28/14 21:21	1
Heptachlor	0.00078	J3 U	0.0070	0.00078	mg/Kg	☼	08/27/14 22:43	08/28/14 21:21	1
Heptachlor epoxide	0.00066	J3 U	0.0070	0.00066	mg/Kg	☼	08/27/14 22:43	08/28/14 21:21	1
Methoxychlor	0.0011	J3 U	0.0070	0.0011	mg/Kg	☼	08/27/14 22:43	08/28/14 21:21	1
Toxaphene	0.023	U	0.70	0.023	mg/Kg	☼	08/27/14 22:43	08/28/14 21:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*26*	*J1*	*54 - 133*	*08/27/14 22:43*	*08/28/14 21:21*	*1*

Client Sample ID: Comp 7-4B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-13
Matrix: Solid
Percent Solids: 24.4

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*33*	*J1*	*46 - 130*	*08/27/14 22:43*	*08/28/14 21:21*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.012	U	0.094	0.012	ug/L		09/03/14 06:14	09/04/14 16:49	1
4,4'-DDE	0.012	U	0.094	0.012	ug/L		09/03/14 06:14	09/04/14 16:49	1
4,4'-DDT	0.012	U	0.094	0.012	ug/L		09/03/14 06:14	09/04/14 16:49	1
Aldrin	0.0019	U	0.047	0.0019	ug/L		09/03/14 06:14	09/04/14 16:49	1
alpha-BHC	0.0056	U	0.047	0.0056	ug/L		09/03/14 06:14	09/04/14 16:49	1
beta-BHC	0.012	U	0.047	0.012	ug/L		09/03/14 06:14	09/04/14 16:49	1
delta-BHC	0.012	U	0.047	0.012	ug/L		09/03/14 06:14	09/04/14 16:49	1
Dieldrin	0.0019	U	0.094	0.0019	ug/L		09/03/14 06:14	09/04/14 16:49	1
Endosulfan I	0.012	U	0.047	0.012	ug/L		09/03/14 06:14	09/04/14 16:49	1
Endosulfan II	0.012	U	0.094	0.012	ug/L		09/03/14 06:14	09/04/14 16:49	1
Endosulfan sulfate	0.012	U	0.094	0.012	ug/L		09/03/14 06:14	09/04/14 16:49	1
Endrin	0.012	U	0.094	0.012	ug/L		09/03/14 06:14	09/04/14 16:49	1
Endrin aldehyde	0.012	U	0.094	0.012	ug/L		09/03/14 06:14	09/04/14 16:49	1
Endrin ketone	0.012	U	0.094	0.012	ug/L		09/03/14 06:14	09/04/14 16:49	1
gamma-BHC (Lindane)	0.012	U	0.047	0.012	ug/L		09/03/14 06:14	09/04/14 16:49	1
Heptachlor	0.012	U	0.047	0.012	ug/L		09/03/14 06:14	09/04/14 16:49	1
Heptachlor epoxide	0.012	U	0.047	0.012	ug/L		09/03/14 06:14	09/04/14 16:49	1
Methoxychlor	0.012	U	0.47	0.012	ug/L		09/03/14 06:14	09/04/14 16:49	1
Chlordane (technical)	0.32	U	0.94	0.32	ug/L		09/03/14 06:14	09/04/14 16:49	1
Toxaphene	0.64	U	4.7	0.64	ug/L		09/03/14 06:14	09/04/14 16:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*19*	*J1*	*20 - 142*	*09/03/14 06:14*	*09/04/14 16:49*	*1*
Tetrachloro-m-xylene	*100*		*22 - 134*	*09/03/14 06:14*	*09/04/14 16:49*	*1*

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**320**		50	30	mg/Kg			08/29/14 18:55	5
Sulfate	30	U	50	30	mg/Kg			08/29/14 18:55	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.21	U	0.41	0.21	mg/Kg	☼	08/26/14 09:51	09/03/14 06:24	1
Arsenic	**3.9**		1.0	0.41	mg/Kg	☼	08/26/14 09:51	09/03/14 06:24	1
Barium	**23**		2.1	0.53	mg/Kg	☼	08/26/14 09:51	09/03/14 06:24	1
Beryllium	**0.40**		0.21	0.10	mg/Kg	☼	08/26/14 09:51	09/03/14 06:24	1
Cadmium	**0.29**		0.21	0.049	mg/Kg	☼	08/26/14 09:51	09/03/14 06:24	1
Chromium	**18**		2.1	1.0	mg/Kg	☼	08/26/14 09:51	09/03/14 06:24	1
Copper	**15**		2.1	0.82	mg/Kg	☼	08/26/14 09:51	09/03/14 06:24	1
Sodium	**950**		100	66	mg/Kg	☼	08/26/14 09:51	09/03/14 06:24	1
Nickel	**6.8**		2.1	1.0	mg/Kg	☼	08/26/14 09:51	09/03/14 06:24	1
Lead	**28**		0.82	0.41	mg/Kg	☼	08/26/14 09:51	09/03/14 06:24	1
Antimony	2.1	U	4.1	2.1	mg/Kg	☼	08/26/14 09:51	09/03/14 06:24	1
Selenium	**1.5**	**I**	2.1	1.0	mg/Kg	☼	08/26/14 09:51	09/03/14 06:24	1
Thallium	0.10	U	0.41	0.10	mg/Kg	☼	08/26/14 09:51	09/03/14 06:24	1
Zinc	**48**		8.2	2.3	mg/Kg	☼	08/26/14 09:51	09/03/14 06:24	1

Client Sample ID: Comp 7-4B

Lab Sample ID: 660-62441-13

Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 20:22	1
Arsenic	**8.9**		2.5	2.5	ug/L		09/12/14 15:52	09/12/14 20:22	1
Barium	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 20:22	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 20:22	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 20:22	1
Chromium	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 20:22	1
Copper	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 20:22	1
Nickel	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 20:22	1
Lead	1.5	U	1.5	1.5	ug/L		09/12/14 15:52	09/12/14 20:22	1
Antimony	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 20:22	1
Selenium	2.5	U	2.5	2.5	ug/L		09/12/14 15:52	09/12/14 20:22	1
Thallium	1.0	U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 20:22	1
Zinc	20	U	20	20	ug/L		09/12/14 15:52	09/12/14 20:22	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/02/14 09:24	09/03/14 10:38	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.11**		0.075	0.031	mg/Kg	☼	08/26/14 13:39	08/27/14 15:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**270**		12	5.3	mg/Kg	☼	08/27/14 08:39	08/27/14 16:40	10
Total Kjeldahl Nitrogen	**5100**		380	230	mg/Kg	☼	09/02/14 16:09	09/03/14 14:40	2
Total Phosphorus as P	**1400**		76	42	mg/Kg	☼	09/02/14 16:09	09/03/14 13:54	1
Cyanide, Total	0.82	U	2.0	0.82	mg/Kg	☼	08/27/14 08:10	08/27/14 12:37	1
Phenolics, Total Recoverable	5.1	U	20	5.1	mg/Kg	☼	08/29/14 08:49	08/29/14 14:01	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	2.3	U	8.2	2.3	mg/Kg	☼		08/28/14 12:52	1

Client Sample ID: 1D

Lab Sample ID: 660-62441-14

Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 66.3

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**95**		75	45	mg/Kg	☼		09/16/14 14:27	5
Sulfate	**48**	**I**	75	45	mg/Kg	☼		09/16/14 14:27	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**24**		0.90	0.39	mg/Kg	☼	08/27/14 08:39	08/27/14 16:20	2
Total Kjeldahl Nitrogen	**600**		74	44	mg/Kg	☼	09/02/14 16:09	09/03/14 13:55	1
Total Phosphorus as P	**150**		30	16	mg/Kg	☼	09/02/14 16:09	09/03/14 13:55	1

Client Sample ID: 1D — Lab Sample ID: 660-62441-14

Date Collected: 08/22/14 16:00 Matrix: Solid
Date Received: 08/23/14 09:16 Percent Solids: 66.3

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.83	U	3.0	0.83	mg/Kg	☼		08/28/14 12:53	1

Client Sample ID: 1E — Lab Sample ID: 660-62441-15

Date Collected: 08/22/14 16:00 Matrix: Solid
Date Received: 08/23/14 09:16 Percent Solids: 36.9

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	670		140	81	mg/Kg	☼		09/16/14 14:41	5
Sulfate	140		140	81	mg/Kg	☼		09/16/14 14:41	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	130		4.1	1.8	mg/Kg	☼	08/27/14 08:39	08/27/14 16:20	5
Total Kjeldahl Nitrogen	2000		140	81	mg/Kg	☼	09/02/14 16:09	09/03/14 13:56	1
Total Phosphorus as P	480		54	30	mg/Kg	☼	09/02/14 16:09	09/03/14 13:56	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	1.5	U	5.4	1.5	mg/Kg	☼		08/28/14 12:55	1

Client Sample ID: 1F — Lab Sample ID: 660-62441-16

Date Collected: 08/22/14 16:00 Matrix: Solid
Date Received: 08/23/14 09:16 Percent Solids: 23.2

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1500		210	130	mg/Kg	☼		09/16/14 14:55	5
Sulfate	310		210	130	mg/Kg	☼		09/16/14 14:55	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	400		13	5.6	mg/Kg	☼	08/27/14 08:39	08/27/14 16:50	10
Total Kjeldahl Nitrogen	4600		360	210	mg/Kg	☼	09/02/14 16:09	09/03/14 14:41	2
Total Phosphorus as P	840		71	39	mg/Kg	☼	09/02/14 16:09	09/03/14 13:57	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	2.4	U	8.6	2.4	mg/Kg	☼		08/28/14 12:56	1

Client Sample ID: 1G — Lab Sample ID: 660-62441-17

Date Collected: 08/22/14 16:00 Matrix: Solid
Date Received: 08/23/14 09:16 Percent Solids: 43.1

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	200		120	69	mg/Kg	☼		09/16/14 15:10	5
Sulfate	100	I	120	69	mg/Kg	☼		09/16/14 15:10	5

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: 1G

Lab Sample ID: 660-62441-17
Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 43.1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	200		7.0	3.0	mg/Kg	☼	08/27/14 08:39	08/27/14 16:40	10
Total Kjeldahl Nitrogen	2000		110	69	mg/Kg	☼	09/02/14 16:09	09/03/14 13:59	1
Total Phosphorus as P	460		46	25	mg/Kg	☼	09/02/14 16:09	09/03/14 13:59	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	1.3	U	4.6	1.3	mg/Kg	☼		08/28/14 12:57	1

Client Sample ID: 5E

Lab Sample ID: 660-62441-18
Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 72.0

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	200		69	41	mg/Kg	☼		09/16/14 15:53	5
Sulfate	81		69	41	mg/Kg	☼		09/16/14 15:53	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	16		0.83	0.36	mg/Kg	☼	08/27/14 08:39	08/27/14 16:30	2
Total Kjeldahl Nitrogen	530		61	36	mg/Kg	☼	09/02/14 16:09	09/03/14 14:00	1
Total Phosphorus as P	270		24	13	mg/Kg	☼	09/02/14 16:09	09/03/14 14:00	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.79	I	2.8	0.76	mg/Kg	☼		08/28/14 12:58	1

Client Sample ID: 6F

Lab Sample ID: 660-62441-19
Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 30.6

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1700		160	97	mg/Kg	☼		09/16/14 16:07	5
Sulfate	190		160	97	mg/Kg	☼		09/16/14 16:07	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	180		9.8	4.2	mg/Kg	☼	08/27/14 08:39	08/27/14 16:50	10
Total Kjeldahl Nitrogen	3200		320	190	mg/Kg	☼	09/02/14 16:09	09/03/14 16:09	2
Total Phosphorus as P	560		63	35	mg/Kg	☼	09/02/14 16:09	09/03/14 14:01	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	1.8	U	6.5	1.8	mg/Kg	☼		08/28/14 12:59	1

Client Sample ID: 6G

Lab Sample ID: 660-62441-20
Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 22.3

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	600		220	130	mg/Kg	☼		09/16/14 16:22	5
Sulfate	2000		220	130	mg/Kg	☼		09/16/14 16:22	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	320		13	5.8	mg/Kg	☼	08/27/14 08:39	08/27/14 16:50	10
Total Kjeldahl Nitrogen	12000		2200	1300	mg/Kg	☼	09/02/14 16:09	09/03/14 16:10	10
Total Phosphorus as P	1400		88	49	mg/Kg	☼	09/02/14 16:09	09/03/14 14:02	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	2.5	U	9.0	2.5	mg/Kg	☼		08/28/14 13:20	1

Client Sample ID: 7F

Lab Sample ID: 660-62441-21
Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 11.3

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8500		440	260	mg/Kg	☼		09/16/14 16:36	5
Sulfate	860		440	260	mg/Kg	☼		09/16/14 16:36	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	410		13	5.8	mg/Kg	☼	08/27/14 08:39	08/27/14 16:59	5
Total Kjeldahl Nitrogen	11000	J3	4100	2500	mg/Kg	☼	09/02/14 16:09	09/03/14 16:11	10
Total Phosphorus as P	1200		170	91	mg/Kg	☼	09/02/14 16:09	09/03/14 14:07	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	4.8	U	18	4.8	mg/Kg	☼		08/27/14 15:57	1

Client Sample ID: 7G

Lab Sample ID: 660-62441-22
Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 24.8

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4300		200	120	mg/Kg	☼		09/16/14 17:19	5
Sulfate	390		200	120	mg/Kg	☼		09/16/14 17:19	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	130		6.0	2.6	mg/Kg	☼	08/27/14 08:39	08/27/14 16:59	5
Total Kjeldahl Nitrogen	4700		350	210	mg/Kg	☼	09/02/14 16:09	09/04/14 12:24	2
Total Phosphorus as P	470		71	39	mg/Kg	☼	09/02/14 16:09	09/03/14 14:11	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	2.2	U	8.1	2.2	mg/Kg	☼		08/27/14 16:03	1

Client Sample ID: 7H

Lab Sample ID: 660-62441-23

Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 53.7

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	420		92	55	mg/Kg	☼		09/16/14 17:34	5
Sulfate	67	I	92	55	mg/Kg	☼		09/16/14 17:34	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	49		2.8	1.2	mg/Kg	☼	08/27/14 08:39	08/27/14 17:09	5
Total Kjeldahl Nitrogen	950		91	55	mg/Kg	☼	09/02/14 16:09	09/03/14 14:13	1
Total Phosphorus as P	88		37	20	mg/Kg	☼	09/02/14 16:09	09/03/14 14:13	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	1.0	U	3.7	1.0	mg/Kg	☼		08/27/14 16:04	1

Client Sample ID: 7I

Lab Sample ID: 660-62441-24

Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 28.4

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		180	110	mg/Kg	☼		09/16/14 17:48	5
Sulfate	180		180	110	mg/Kg	☼		09/16/14 17:48	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	160		5.3	2.3	mg/Kg	☼	08/27/14 08:39	08/27/14 17:09	5
Total Kjeldahl Nitrogen	2600		150	90	mg/Kg	☼	09/02/14 16:09	09/03/14 14:14	1
Total Phosphorus as P	640		60	33	mg/Kg	☼	09/02/14 16:09	09/03/14 14:14	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	1.9	U	7.0	1.9	mg/Kg	☼		08/27/14 16:06	1

Client Sample ID: 3A

Lab Sample ID: 660-62441-25

Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 46.0

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78	I	110	66	mg/Kg	☼		09/16/14 18:02	5
Sulfate	66	U	110	66	mg/Kg	☼		09/16/14 18:02	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	76		3.3	1.4	mg/Kg	☼	08/27/14 08:39	08/27/14 17:09	5
Total Kjeldahl Nitrogen	1400		90	54	mg/Kg	☼	09/02/14 16:09	09/03/14 14:15	1
Total Phosphorus as P	160		36	20	mg/Kg	☼	09/02/14 16:09	09/03/14 14:15	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	1.2	U	4.3	1.2	mg/Kg	☼		08/27/14 16:07	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: 3B

Lab Sample ID: 660-62441-26
Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 20.6

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	200	I	240	150	mg/Kg	☼		09/16/14 18:46	5
Sulfate	190	I	240	150	mg/Kg	☼		09/16/14 18:46	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	440		15	6.3	mg/Kg	☼	08/27/14 08:39	08/27/14 16:50	10
Total Kjeldahl Nitrogen	6700		410	250	mg/Kg	☼	09/02/14 16:09	09/03/14 16:16	2
Total Phosphorus as P	2400		82	45	mg/Kg	☼	09/02/14 16:09	09/03/14 14:18	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	2.7	U	9.7	2.7	mg/Kg	☼		08/27/14 16:08	1

Client Sample ID: 3C

Lab Sample ID: 660-62441-27
Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 17.4

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	380		280	170	mg/Kg	☼		09/16/14 19:00	5
Sulfate	250	I	280	170	mg/Kg	☼		09/16/14 19:00	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	530		17	7.5	mg/Kg	☼	08/27/14 08:39	08/27/14 16:59	10
Total Kjeldahl Nitrogen	8700		520	310	mg/Kg	☼	09/02/14 16:09	09/03/14 16:17	2
Total Phosphorus as P	2100		100	57	mg/Kg	☼	09/02/14 16:09	09/03/14 14:19	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	3.1	U	11	3.1	mg/Kg	☼		08/27/14 16:09	1

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

Lab Sample ID: MB 680-346514/9
Matrix: Solid
Analysis Batch: 346514

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.024	U	0.099	0.024	mg/Kg			08/29/14 11:32	1
Acrylonitrile	0.034	U	0.099	0.034	mg/Kg			08/29/14 11:32	1
Benzene	0.00072	U	0.0050	0.00072	mg/Kg			08/29/14 11:32	1
Bromoform	0.0015	U	0.0050	0.0015	mg/Kg			08/29/14 11:32	1
Bromomethane	0.0015	U	0.0050	0.0015	mg/Kg			08/29/14 11:32	1
Carbon tetrachloride	0.00082	U	0.0050	0.00082	mg/Kg			08/29/14 11:32	1
Chlorobenzene	0.00095	U	0.0050	0.00095	mg/Kg			08/29/14 11:32	1
Chloroethane	0.0027	U	0.0050	0.0027	mg/Kg			08/29/14 11:32	1
Chloroform	0.0011	U	0.0050	0.0011	mg/Kg			08/29/14 11:32	1
Chloromethane	0.00099	U	0.0050	0.00099	mg/Kg			08/29/14 11:32	1
Dibromochloromethane	0.0017	U	0.0050	0.0017	mg/Kg			08/29/14 11:32	1
1,2-Dichlorobenzene	0.0013	U	0.0050	0.0013	mg/Kg			08/29/14 11:32	1
1,3-Dichlorobenzene	0.0016	U	0.0050	0.0016	mg/Kg			08/29/14 11:32	1
1,4-Dichlorobenzene	0.00073	U	0.0050	0.00073	mg/Kg			08/29/14 11:32	1
Dichlorodifluoromethane	0.00093	U	0.0050	0.00093	mg/Kg			08/29/14 11:32	1
1,1-Dichloroethane	0.0011	U	0.0050	0.0011	mg/Kg			08/29/14 11:32	1
1,2-Dichloroethane	0.0011	U	0.0050	0.0011	mg/Kg			08/29/14 11:32	1
cis-1,2-Dichloroethene	0.0014	U	0.0050	0.0014	mg/Kg			08/29/14 11:32	1
trans-1,2-Dichloroethene	0.00062	U	0.0050	0.00062	mg/Kg			08/29/14 11:32	1
1,1-Dichloroethene	0.0015	U	0.0050	0.0015	mg/Kg			08/29/14 11:32	1
1,2-Dichloropropane	0.00085	U	0.0050	0.00085	mg/Kg			08/29/14 11:32	1
cis-1,3-Dichloropropene	0.00082	U	0.0050	0.00082	mg/Kg			08/29/14 11:32	1
trans-1,3-Dichloropropene	0.00086	U	0.0050	0.00086	mg/Kg			08/29/14 11:32	1
Ethylbenzene	0.0013	U	0.0050	0.0013	mg/Kg			08/29/14 11:32	1
Methylene Chloride	0.00160	I	0.0050	0.00097	mg/Kg			08/29/14 11:32	1
Methyl tert-butyl ether	0.00099	U	0.0099	0.00099	mg/Kg			08/29/14 11:32	1
Tetrachloroethene	0.0019	U	0.0050	0.0019	mg/Kg			08/29/14 11:32	1
Toluene	0.00083	U	0.0050	0.00083	mg/Kg			08/29/14 11:32	1
1,2,4-Trichlorobenzene	0.00088	U	0.0050	0.00088	mg/Kg			08/29/14 11:32	1
1,1,1-Trichloroethane	0.00058	U	0.0050	0.00058	mg/Kg			08/29/14 11:32	1
1,1,2-Trichloroethane	0.0013	U	0.0050	0.0013	mg/Kg			08/29/14 11:32	1
Trichloroethene	0.0013	U	0.0050	0.0013	mg/Kg			08/29/14 11:32	1
Vinyl chloride	0.0015	U	0.0050	0.0015	mg/Kg			08/29/14 11:32	1
Xylenes, Total	0.0011	U	0.0099	0.0011	mg/Kg			08/29/14 11:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*65 - 130*		*08/29/14 11:32*	*1*
Dibromofluoromethane (Surr)	*88*		*65 - 130*		*08/29/14 11:32*	*1*
4-Bromofluorobenzene (Surr)	*108*		*65 - 130*		*08/29/14 11:32*	*1*
Toluene-d8 (Surr)	*93*		*65 - 130*		*08/29/14 11:32*	*1*

Lab Sample ID: LCS 680-346514/5
Matrix: Solid
Analysis Batch: 346514

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Acrolein			0.998	1.39		mg/Kg		140	50 - 150		
Acrylonitrile			0.499	0.493		mg/Kg		99	50 - 150		

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

Lab Sample ID: LCS 680-346514/5
Matrix: Solid
Analysis Batch: 346514

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0499	0.0452		mg/Kg		91	76 - 120
Bromoform	0.0499	0.0480		mg/Kg		96	64 - 150
Bromomethane	0.0499	0.0535		mg/Kg		107	10 - 174
Carbon tetrachloride	0.0499	0.0515		mg/Kg		103	67 - 140
Chlorobenzene	0.0499	0.0494		mg/Kg		99	80 - 120
Chloroethane	0.0499	0.0512		mg/Kg		103	10 - 176
Chloroform	0.0499	0.0495		mg/Kg		99	80 - 121
Chloromethane	0.0499	0.0421		mg/Kg		84	48 - 146
Dibromochloromethane	0.0499	0.0469		mg/Kg		94	77 - 132
1,2-Dichlorobenzene	0.0499	0.0555		mg/Kg		111	75 - 128
1,3-Dichlorobenzene	0.0499	0.0533		mg/Kg		107	76 - 128
1,4-Dichlorobenzene	0.0499	0.0573		mg/Kg		115	76 - 128
Dichlorodifluoromethane	0.0499	0.0481		mg/Kg		96	72 - 134
1,1-Dichloroethane	0.0499	0.0499		mg/Kg		100	80 - 120
1,2-Dichloroethane	0.0499	0.0498		mg/Kg		100	61 - 140
cis-1,2-Dichloroethene	0.0499	0.0495		mg/Kg		99	80 - 120
trans-1,2-Dichloroethene	0.0499	0.0486		mg/Kg		97	79 - 120
1,1-Dichloroethene	0.0499	0.0502		mg/Kg		101	64 - 138
1,2-Dichloropropane	0.0499	0.0438		mg/Kg		88	73 - 121
cis-1,3-Dichloropropene	0.0499	0.0461		mg/Kg		92	74 - 125
trans-1,3-Dichloropropene	0.0499	0.0474		mg/Kg		95	69 - 133
Ethylbenzene	0.0499	0.0509		mg/Kg		102	78 - 121
Methylene Chloride	0.0499	0.0560		mg/Kg		112	80 - 120
Methyl tert-butyl ether	0.0499	0.0491		mg/Kg		98	80 - 121
Tetrachloroethene	0.0499	0.0446		mg/Kg		89	77 - 130
Toluene	0.0499	0.0463		mg/Kg		93	73 - 122
1,2,4-Trichlorobenzene	0.0499	0.0521		mg/Kg		104	77 - 142
1,1,1-Trichloroethane	0.0499	0.0515		mg/Kg		103	73 - 132
1,1,2-Trichloroethane	0.0499	0.0432		mg/Kg		87	72 - 124
Trichloroethene	0.0499	0.0451		mg/Kg		90	78 - 125
Vinyl chloride	0.0499	0.0467		mg/Kg		94	65 - 133
Xylenes, Total	0.0998	0.103		mg/Kg		103	79 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 130*
Dibromofluoromethane (Surr)	*94*		*65 - 130*
4-Bromofluorobenzene (Surr)	*110*		*65 - 130*
Toluene-d8 (Surr)	*98*		*65 - 130*

Lab Sample ID: LCSD 680-346514/6
Matrix: Solid
Analysis Batch: 346514

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
Acrolein	0.996	1.78	J3	mg/Kg		179	50 - 150	24	50
Acrylonitrile	0.498	0.550		mg/Kg		110	50 - 150	11	50
Benzene	0.0498	0.0489		mg/Kg		98	76 - 120	8	50
Bromoform	0.0498	0.0505		mg/Kg		101	64 - 150	5	50

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

Lab Sample ID: LCSD 680-346514/6
Matrix: Solid
Analysis Batch: 346514

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
Bromomethane	0.0498	0.0583		mg/Kg		117	10 - 174	9	50
Carbon tetrachloride	0.0498	0.0555		mg/Kg		111	67 - 140	7	50
Chlorobenzene	0.0498	0.0503		mg/Kg		101	80 - 120	2	50
Chloroethane	0.0498	0.0567		mg/Kg		114	10 - 176	10	50
Chloroform	0.0498	0.0542		mg/Kg		109	80 - 121	9	50
Chloromethane	0.0498	0.0461		mg/Kg		93	48 - 146	9	50
Dibromochloromethane	0.0498	0.0529		mg/Kg		106	77 - 132	12	50
1,2-Dichlorobenzene	0.0498	0.0605		mg/Kg		121	75 - 128	9	50
1,3-Dichlorobenzene	0.0498	0.0565		mg/Kg		113	76 - 128	6	50
1,4-Dichlorobenzene	0.0498	0.0621		mg/Kg		125	76 - 128	8	50
Dichlorodifluoromethane	0.0498	0.0502		mg/Kg		101	72 - 134	4	50
1,1-Dichloroethane	0.0498	0.0543		mg/Kg		109	80 - 120	9	50
1,2-Dichloroethane	0.0498	0.0551		mg/Kg		111	61 - 140	10	50
cis-1,2-Dichloroethene	0.0498	0.0541		mg/Kg		109	80 - 120	9	50
trans-1,2-Dichloroethene	0.0498	0.0534		mg/Kg		107	79 - 120	9	50
1,1-Dichloroethene	0.0498	0.0546		mg/Kg		110	64 - 138	8	50
1,2-Dichloropropane	0.0498	0.0479		mg/Kg		96	73 - 121	9	50
cis-1,3-Dichloropropene	0.0498	0.0520		mg/Kg		104	74 - 125	12	50
trans-1,3-Dichloropropene	0.0498	0.0527		mg/Kg		106	69 - 133	10	50
Ethylbenzene	0.0498	0.0513		mg/Kg		103	78 - 121	1	50
Methylene Chloride	0.0498	0.0614	J3	mg/Kg		123	80 - 120	9	50
Methyl tert-butyl ether	0.0498	0.0550		mg/Kg		110	80 - 121	11	50
Tetrachloroethene	0.0498	0.0483		mg/Kg		97	77 - 130	8	50
Toluene	0.0498	0.0505		mg/Kg		101	73 - 122	9	50
1,2,4-Trichlorobenzene	0.0498	0.0572		mg/Kg		115	77 - 142	9	50
1,1,1-Trichloroethane	0.0498	0.0554		mg/Kg		111	73 - 132	7	50
1,1,2-Trichloroethane	0.0498	0.0496		mg/Kg		100	72 - 124	14	50
Trichloroethene	0.0498	0.0476		mg/Kg		96	78 - 125	5	50
Vinyl chloride	0.0498	0.0500		mg/Kg		100	65 - 133	7	50
Xylenes, Total	0.0996	0.104		mg/Kg		104	79 - 121	1	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 130*
Dibromofluoromethane (Surr)	*105*		*65 - 130*
4-Bromofluorobenzene (Surr)	*115*		*65 - 130*
Toluene-d8 (Surr)	*100*		*65 - 130*

Lab Sample ID: MB 680-346522/7
Matrix: Solid
Analysis Batch: 346522

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	U	20	20	ug/L			08/29/14 10:34	1
Acrylonitrile	20	U	20	20	ug/L			08/29/14 10:34	1
Benzene	1.0	U	1.0	1.0	ug/L			08/29/14 10:34	1
Bromoform	1.0	U	1.0	1.0	ug/L			08/29/14 10:34	1
Bromomethane	5.0	U	5.0	5.0	ug/L			08/29/14 10:34	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			08/29/14 10:34	1

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

Lab Sample ID: MB 680-346522/7
Matrix: Solid
Analysis Batch: 346522

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 10:34	1
Chloroethane	5.0	U	5.0	5.0	ug/L			08/29/14 10:34	1
Chloroform	1.0	U	1.0	1.0	ug/L			08/29/14 10:34	1
Chloromethane	1.0	U	1.0	1.0	ug/L			08/29/14 10:34	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			08/29/14 10:34	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 10:34	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 10:34	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 10:34	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			08/29/14 10:34	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 10:34	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 10:34	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 10:34	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 10:34	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 10:34	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			08/29/14 10:34	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			08/29/14 10:34	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			08/29/14 10:34	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			08/29/14 10:34	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			08/29/14 10:34	1
Methyl tert-butyl ether	10	U	10	10	ug/L			08/29/14 10:34	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 10:34	1
Toluene	1.0	U	1.0	1.0	ug/L			08/29/14 10:34	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			08/29/14 10:34	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 10:34	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 10:34	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 10:34	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			08/29/14 10:34	1
Xylenes, Total	2.0	U	2.0	2.0	ug/L			08/29/14 10:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*08/29/14 10:34*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*08/29/14 10:34*	*1*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*		*08/29/14 10:34*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*08/29/14 10:34*	*1*

Lab Sample ID: LCS 680-346522/3
Matrix: Solid
Analysis Batch: 346522

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acrylonitrile	500	517		ug/L		103	50 - 150
Benzene	50.0	49.4		ug/L		99	74 - 123
Bromoform	50.0	46.2		ug/L		92	60 - 134
Bromomethane	50.0	18.0		ug/L		36	10 - 171
Carbon tetrachloride	50.0	45.3		ug/L		91	70 - 131
Chlorobenzene	50.0	49.6		ug/L		99	79 - 120
Chloroethane	50.0	45.9		ug/L		92	47 - 148
Chloroform	50.0	48.8		ug/L		98	76 - 128

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

Lab Sample ID: LCS 680-346522/3
Matrix: Solid
Analysis Batch: 346522

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	50.0	27.1		ug/L		54	47 - 151
Dibromochloromethane	50.0	46.3		ug/L		93	63 - 134
1,2-Dichlorobenzene	50.0	50.8		ug/L		102	77 - 124
1,3-Dichlorobenzene	50.0	51.2		ug/L		102	79 - 123
1,4-Dichlorobenzene	50.0	50.6		ug/L		101	76 - 124
Dichlorodifluoromethane	50.0	51.6		ug/L		103	41 - 165
1,1-Dichloroethane	50.0	50.4		ug/L		101	69 - 132
1,2-Dichloroethane	50.0	47.9		ug/L		96	75 - 120
cis-1,2-Dichloroethene	50.0	49.6		ug/L		99	78 - 127
trans-1,2-Dichloroethene	50.0	48.2		ug/L		96	78 - 130
1,1-Dichloroethene	50.0	41.5		ug/L		83	73 - 134
1,2-Dichloropropane	50.0	52.5		ug/L		105	71 - 126
cis-1,3-Dichloropropene	50.0	47.4		ug/L		95	73 - 128
trans-1,3-Dichloropropene	50.0	45.7		ug/L		91	72 - 127
Ethylbenzene	50.0	49.7		ug/L		99	78 - 125
Methylene Chloride	50.0	50.1		ug/L		100	79 - 124
Methyl tert-butyl ether	50.0	45.0		ug/L		90	76 - 126
Tetrachloroethene	50.0	47.3		ug/L		95	77 - 128
Toluene	50.0	48.5		ug/L		97	77 - 125
1,2,4-Trichlorobenzene	50.0	52.0		ug/L		104	67 - 134
1,1,1-Trichloroethane	50.0	46.7		ug/L		93	76 - 126
1,1,2-Trichloroethane	50.0	49.8		ug/L		100	69 - 127
Trichloroethene	50.0	46.2		ug/L		92	80 - 120
Vinyl chloride	50.0	45.1		ug/L		90	58 - 141
Xylenes, Total	100	98.5		ug/L		99	80 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 680-346522/4
Matrix: Solid
Analysis Batch: 346522

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
Acrylonitrile	500	595		ug/L		119	50 - 150	14	50
Benzene	50.0	54.5		ug/L		109	74 - 123	10	30
Bromoform	50.0	50.5		ug/L		101	60 - 134	9	30
Bromomethane	50.0	20.5		ug/L		41	10 - 171	13	50
Carbon tetrachloride	50.0	49.4		ug/L		99	70 - 131	9	30
Chlorobenzene	50.0	53.0		ug/L		106	79 - 120	7	30
Chloroethane	50.0	49.1		ug/L		98	47 - 148	7	40
Chloroform	50.0	53.6		ug/L		107	76 - 128	9	30
Chloromethane	50.0	31.8		ug/L		64	47 - 151	16	30
Dibromochloromethane	50.0	50.3		ug/L		101	63 - 134	8	50
1,2-Dichlorobenzene	50.0	54.6		ug/L		109	77 - 124	7	30

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

Lab Sample ID: LCSD 680-346522/4
Matrix: Solid
Analysis Batch: 346522

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
1,3-Dichlorobenzene	50.0	54.9		ug/L		110	79 - 123	7	30
1,4-Dichlorobenzene	50.0	54.6		ug/L		109	76 - 124	7	30
Dichlorodifluoromethane	50.0	55.9		ug/L		112	41 - 165	8	50
1,1-Dichloroethane	50.0	55.1		ug/L		110	69 - 132	9	30
1,2-Dichloroethane	50.0	49.9		ug/L		100	75 - 120	4	30
cis-1,2-Dichloroethene	50.0	54.2		ug/L		108	78 - 127	9	30
trans-1,2-Dichloroethene	50.0	51.9		ug/L		104	78 - 130	7	30
1,1-Dichloroethene	50.0	44.2		ug/L		88	73 - 134	6	30
1,2-Dichloropropane	50.0	57.3		ug/L		115	71 - 126	9	30
cis-1,3-Dichloropropene	50.0	52.2		ug/L		104	73 - 128	10	30
trans-1,3-Dichloropropene	50.0	49.2		ug/L		98	72 - 127	7	50
Ethylbenzene	50.0	53.4		ug/L		107	78 - 125	7	30
Methylene Chloride	50.0	54.6		ug/L		109	79 - 124	9	30
Methyl tert-butyl ether	50.0	50.2		ug/L		100	76 - 126	11	30
Tetrachloroethene	50.0	51.9		ug/L		104	77 - 128	9	30
Toluene	50.0	52.6		ug/L		105	77 - 125	8	30
1,2,4-Trichlorobenzene	50.0	55.6		ug/L		111	67 - 134	7	30
1,1,1-Trichloroethane	50.0	50.9		ug/L		102	76 - 126	9	30
1,1,2-Trichloroethane	50.0	54.1		ug/L		108	69 - 127	8	30
Trichloroethene	50.0	50.6		ug/L		101	80 - 120	9	30
Vinyl chloride	50.0	48.8		ug/L		98	58 - 141	8	30
Xylenes, Total	100	106		ug/L		106	80 - 124	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*106*		*70 - 130*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: MB 680-346737/10
Matrix: Solid
Analysis Batch: 346737

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.024	U	0.099	0.024	mg/Kg			08/30/14 11:22	1
Acrylonitrile	0.034	U	0.099	0.034	mg/Kg			08/30/14 11:22	1
Benzene	0.00073	U	0.0050	0.00073	mg/Kg			08/30/14 11:22	1
Bromoform	0.0015	U	0.0050	0.0015	mg/Kg			08/30/14 11:22	1
Bromomethane	0.0015	U	0.0050	0.0015	mg/Kg			08/30/14 11:22	1
Carbon tetrachloride	0.00083	U	0.0050	0.00083	mg/Kg			08/30/14 11:22	1
Chlorobenzene	0.00095	U	0.0050	0.00095	mg/Kg			08/30/14 11:22	1
Chloroethane	0.0027	U	0.0050	0.0027	mg/Kg			08/30/14 11:22	1
Chloroform	0.0011	U	0.0050	0.0011	mg/Kg			08/30/14 11:22	1
Chloromethane	0.00099	U	0.0050	0.00099	mg/Kg			08/30/14 11:22	1
Dibromochloromethane	0.0017	U	0.0050	0.0017	mg/Kg			08/30/14 11:22	1
1,2-Dichlorobenzene	0.0013	U	0.0050	0.0013	mg/Kg			08/30/14 11:22	1
1,3-Dichlorobenzene	0.0016	U	0.0050	0.0016	mg/Kg			08/30/14 11:22	1
1,4-Dichlorobenzene	0.00074	U	0.0050	0.00074	mg/Kg			08/30/14 11:22	1

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

Lab Sample ID: MB 680-346737/10
Matrix: Solid
Analysis Batch: 346737

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.00093	U	0.0050	0.00093	mg/Kg			08/30/14 11:22	1
1,1-Dichloroethane	0.0011	U	0.0050	0.0011	mg/Kg			08/30/14 11:22	1
1,2-Dichloroethane	0.0011	U	0.0050	0.0011	mg/Kg			08/30/14 11:22	1
cis-1,2-Dichloroethene	0.0014	U	0.0050	0.0014	mg/Kg			08/30/14 11:22	1
trans-1,2-Dichloroethene	0.00063	U	0.0050	0.00063	mg/Kg			08/30/14 11:22	1
1,1-Dichloroethene	0.0015	U	0.0050	0.0015	mg/Kg			08/30/14 11:22	1
1,2-Dichloropropane	0.00085	U	0.0050	0.00085	mg/Kg			08/30/14 11:22	1
cis-1,3-Dichloropropene	0.00083	U	0.0050	0.00083	mg/Kg			08/30/14 11:22	1
trans-1,3-Dichloropropene	0.00086	U	0.0050	0.00086	mg/Kg			08/30/14 11:22	1
Ethylbenzene	0.0013	U	0.0050	0.0013	mg/Kg			08/30/14 11:22	1
Methylene Chloride	0.00101	I	0.0050	0.00097	mg/Kg			08/30/14 11:22	1
Methyl tert-butyl ether	0.00099	U	0.0099	0.00099	mg/Kg			08/30/14 11:22	1
Tetrachloroethene	0.0019	U	0.0050	0.0019	mg/Kg			08/30/14 11:22	1
Toluene	0.00083	U	0.0050	0.00083	mg/Kg			08/30/14 11:22	1
1,2,4-Trichlorobenzene	0.00088	U	0.0050	0.00088	mg/Kg			08/30/14 11:22	1
1,1,1-Trichloroethane	0.00059	U	0.0050	0.00059	mg/Kg			08/30/14 11:22	1
1,1,2-Trichloroethane	0.0013	U	0.0050	0.0013	mg/Kg			08/30/14 11:22	1
Trichloroethene	0.0013	U	0.0050	0.0013	mg/Kg			08/30/14 11:22	1
Vinyl chloride	0.0015	U	0.0050	0.0015	mg/Kg			08/30/14 11:22	1
Xylenes, Total	0.0011	U	0.0099	0.0011	mg/Kg			08/30/14 11:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 130*		*08/30/14 11:22*	*1*
Dibromofluoromethane (Surr)	*90*		*65 - 130*		*08/30/14 11:22*	*1*
4-Bromofluorobenzene (Surr)	*110*		*65 - 130*		*08/30/14 11:22*	*1*
Toluene-d8 (Surr)	*94*		*65 - 130*		*08/30/14 11:22*	*1*

Lab Sample ID: MB 680-346789/8
Matrix: Solid
Analysis Batch: 346789

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.023	U	0.098	0.023	mg/Kg			08/31/14 17:30	1
Acrylonitrile	0.033	U	0.098	0.033	mg/Kg			08/31/14 17:30	1
Benzene	0.00071	U	0.0049	0.00071	mg/Kg			08/31/14 17:30	1
Bromoform	0.0015	U	0.0049	0.0015	mg/Kg			08/31/14 17:30	1
Bromomethane	0.0015	U	0.0049	0.0015	mg/Kg			08/31/14 17:30	1
Carbon tetrachloride	0.00081	U	0.0049	0.00081	mg/Kg			08/31/14 17:30	1
Chlorobenzene	0.00094	U	0.0049	0.00094	mg/Kg			08/31/14 17:30	1
Chloroethane	0.0026	U	0.0049	0.0026	mg/Kg			08/31/14 17:30	1
Chloroform	0.0011	U	0.0049	0.0011	mg/Kg			08/31/14 17:30	1
Chloromethane	0.00098	U	0.0049	0.00098	mg/Kg			08/31/14 17:30	1
Dibromochloromethane	0.0017	U	0.0049	0.0017	mg/Kg			08/31/14 17:30	1
1,2-Dichlorobenzene	0.0013	U	0.0049	0.0013	mg/Kg			08/31/14 17:30	1
1,3-Dichlorobenzene	0.0016	U	0.0049	0.0016	mg/Kg			08/31/14 17:30	1
1,4-Dichlorobenzene	0.00072	U	0.0049	0.00072	mg/Kg			08/31/14 17:30	1
Dichlorodifluoromethane	0.00092	U	0.0049	0.00092	mg/Kg			08/31/14 17:30	1
1,1-Dichloroethane	0.0011	U	0.0049	0.0011	mg/Kg			08/31/14 17:30	1

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

Lab Sample ID: MB 680-346789/8
Matrix: Solid
Analysis Batch: 346789

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.0011	U	0.0049	0.0011	mg/Kg			08/31/14 17:30	1
cis-1,2-Dichloroethene	0.0014	U	0.0049	0.0014	mg/Kg			08/31/14 17:30	1
trans-1,2-Dichloroethene	0.00062	U	0.0049	0.00062	mg/Kg			08/31/14 17:30	1
1,1-Dichloroethene	0.0015	U	0.0049	0.0015	mg/Kg			08/31/14 17:30	1
1,2-Dichloropropane	0.00084	U	0.0049	0.00084	mg/Kg			08/31/14 17:30	1
cis-1,3-Dichloropropene	0.00081	U	0.0049	0.00081	mg/Kg			08/31/14 17:30	1
trans-1,3-Dichloropropene	0.00085	U	0.0049	0.00085	mg/Kg			08/31/14 17:30	1
Ethylbenzene	0.0013	U	0.0049	0.0013	mg/Kg			08/31/14 17:30	1
Methylene Chloride	0.00120	I	0.0049	0.00096	mg/Kg			08/31/14 17:30	1
Methyl tert-butyl ether	0.00098	U	0.0098	0.00098	mg/Kg			08/31/14 17:30	1
Tetrachloroethene	0.0019	U	0.0049	0.0019	mg/Kg			08/31/14 17:30	1
Toluene	0.00082	U	0.0049	0.00082	mg/Kg			08/31/14 17:30	1
1,2,4-Trichlorobenzene	0.00087	U	0.0049	0.00087	mg/Kg			08/31/14 17:30	1
1,1,1-Trichloroethane	0.00058	U	0.0049	0.00058	mg/Kg			08/31/14 17:30	1
1,1,2-Trichloroethane	0.0013	U	0.0049	0.0013	mg/Kg			08/31/14 17:30	1
Trichloroethene	0.0013	U	0.0049	0.0013	mg/Kg			08/31/14 17:30	1
Vinyl chloride	0.0015	U	0.0049	0.0015	mg/Kg			08/31/14 17:30	1
Xylenes, Total	0.0011	U	0.0098	0.0011	mg/Kg			08/31/14 17:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*65 - 130*		*08/31/14 17:30*	*1*
Dibromofluoromethane (Surr)	*98*		*65 - 130*		*08/31/14 17:30*	*1*
4-Bromofluorobenzene (Surr)	*106*		*65 - 130*		*08/31/14 17:30*	*1*
Toluene-d8 (Surr)	*96*		*65 - 130*		*08/31/14 17:30*	*1*

Lab Sample ID: LCS 680-346789/4
Matrix: Solid
Analysis Batch: 346789

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acrolein	0.975	1.20		mg/Kg		123	50 - 150
Acrylonitrile	0.487	0.593		mg/Kg		122	50 - 150
Benzene	0.0487	0.0500		mg/Kg		103	76 - 120
Bromoform	0.0487	0.0508		mg/Kg		104	64 - 150
Bromomethane	0.0487	0.0578		mg/Kg		119	10 - 174
Carbon tetrachloride	0.0487	0.0575		mg/Kg		118	67 - 140
Chlorobenzene	0.0487	0.0512		mg/Kg		105	80 - 120
Chloroethane	0.0487	0.0552		mg/Kg		113	10 - 176
Chloroform	0.0487	0.0542		mg/Kg		111	80 - 121
Chloromethane	0.0487	0.0464		mg/Kg		95	48 - 146
Dibromochloromethane	0.0487	0.0563		mg/Kg		116	77 - 132
1,2-Dichlorobenzene	0.0487	0.0596		mg/Kg		122	75 - 128
1,3-Dichlorobenzene	0.0487	0.0543		mg/Kg		111	76 - 128
1,4-Dichlorobenzene	0.0487	0.0594		mg/Kg		122	76 - 128
Dichlorodifluoromethane	0.0487	0.0500		mg/Kg		103	72 - 134
1,1-Dichloroethane	0.0487	0.0561		mg/Kg		115	80 - 120
1,2-Dichloroethane	0.0487	0.0591		mg/Kg		121	61 - 140
cis-1,2-Dichloroethene	0.0487	0.0559		mg/Kg		115	80 - 120

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

Lab Sample ID: LCS 680-346789/4
Matrix: Solid
Analysis Batch: 346789

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,2-Dichloroethene	0.0487	0.0529		mg/Kg		108	79 - 120
1,1-Dichloroethene	0.0487	0.0558		mg/Kg		115	64 - 138
1,2-Dichloropropane	0.0487	0.0505		mg/Kg		104	73 - 121
cis-1,3-Dichloropropene	0.0487	0.0547		mg/Kg		112	74 - 125
trans-1,3-Dichloropropene	0.0487	0.0560		mg/Kg		115	69 - 133
Ethylbenzene	0.0487	0.0507		mg/Kg		104	78 - 121
Methylene Chloride	0.0487	0.0637	J3	mg/Kg		131	80 - 120
Methyl tert-butyl ether	0.0487	0.0593	J3	mg/Kg		122	80 - 121
Tetrachloroethene	0.0487	0.0482		mg/Kg		99	77 - 130
Toluene	0.0487	0.0505		mg/Kg		104	73 - 122
1,2,4-Trichlorobenzene	0.0487	0.0584		mg/Kg		120	77 - 142
1,1,1-Trichloroethane	0.0487	0.0573		mg/Kg		118	73 - 132
1,1,2-Trichloroethane	0.0487	0.0520		mg/Kg		107	72 - 124
Trichloroethene	0.0487	0.0482		mg/Kg		99	78 - 125
Vinyl chloride	0.0487	0.0500		mg/Kg		103	65 - 133
Xylenes, Total	0.0975	0.103		mg/Kg		105	79 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*123*		*65 - 130*
Dibromofluoromethane (Surr)	*110*		*65 - 130*
4-Bromofluorobenzene (Surr)	*115*		*65 - 130*
Toluene-d8 (Surr)	*100*		*65 - 130*

Lab Sample ID: LCSD 680-346789/5
Matrix: Solid
Analysis Batch: 346789

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
Acrolein	0.988	1.22		mg/Kg		124	50 - 150	2	50
Acrylonitrile	0.494	0.608		mg/Kg		123	50 - 150	2	50
Benzene	0.0494	0.0490		mg/Kg		99	76 - 120	2	50
Bromoform	0.0494	0.0569		mg/Kg		115	64 - 150	11	50
Bromomethane	0.0494	0.0562		mg/Kg		114	10 - 174	3	50
Carbon tetrachloride	0.0494	0.0558		mg/Kg		113	67 - 140	3	50
Chlorobenzene	0.0494	0.0511		mg/Kg		104	80 - 120	0	50
Chloroethane	0.0494	0.0565		mg/Kg		114	10 - 176	2	50
Chloroform	0.0494	0.0565		mg/Kg		114	80 - 121	4	50
Chloromethane	0.0494	0.0458		mg/Kg		93	48 - 146	1	50
Dibromochloromethane	0.0494	0.0584		mg/Kg		118	77 - 132	4	50
1,2-Dichlorobenzene	0.0494	0.0593		mg/Kg		120	75 - 128	0	50
1,3-Dichlorobenzene	0.0494	0.0545		mg/Kg		110	76 - 128	0	50
1,4-Dichlorobenzene	0.0494	0.0590		mg/Kg		119	76 - 128	1	50
Dichlorodifluoromethane	0.0494	0.0502		mg/Kg		102	72 - 134	0	50
1,1-Dichloroethane	0.0494	0.0543		mg/Kg		110	80 - 120	3	50
1,2-Dichloroethane	0.0494	0.0599		mg/Kg		121	61 - 140	1	50
cis-1,2-Dichloroethene	0.0494	0.0554		mg/Kg		112	80 - 120	1	50
trans-1,2-Dichloroethene	0.0494	0.0531		mg/Kg		107	79 - 120	0	50
1,1-Dichloroethene	0.0494	0.0538		mg/Kg		109	64 - 138	4	50

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

Lab Sample ID: LCSD 680-346789/5
Matrix: Solid
Analysis Batch: 346789

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			0.0494	0.0524		mg/Kg		106	73 - 121	4	50
cis-1,3-Dichloropropene			0.0494	0.0564		mg/Kg		114	74 - 125	3	50
trans-1,3-Dichloropropene			0.0494	0.0588		mg/Kg		119	69 - 133	5	50
Ethylbenzene			0.0494	0.0498		mg/Kg		101	78 - 121	2	50
Methylene Chloride			0.0494	0.0644	J3	mg/Kg		130	80 - 120	1	50
Methyl tert-butyl ether			0.0494	0.0632	J3	mg/Kg		128	80 - 121	6	50
Tetrachloroethene			0.0494	0.0484		mg/Kg		98	77 - 130	1	50
Toluene			0.0494	0.0504		mg/Kg		102	73 - 122	0	50
1,2,4-Trichlorobenzene			0.0494	0.0580		mg/Kg		117	77 - 142	1	50
1,1,1-Trichloroethane			0.0494	0.0568		mg/Kg		115	73 - 132	1	50
1,1,2-Trichloroethane			0.0494	0.0546		mg/Kg		110	72 - 124	5	50
Trichloroethene			0.0494	0.0482		mg/Kg		98	78 - 125	0	50
Vinyl chloride			0.0494	0.0493		mg/Kg		100	65 - 133	1	50
Xylenes, Total			0.0988	0.103		mg/Kg		104	79 - 121	0	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*123*		*65 - 130*
Dibromofluoromethane (Surr)	*112*		*65 - 130*
4-Bromofluorobenzene (Surr)	*111*		*65 - 130*
Toluene-d8 (Surr)	*97*		*65 - 130*

Lab Sample ID: MB 680-346815/8
Matrix: Solid
Analysis Batch: 346815

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	NC		20	20	ug/L			09/02/14 11:48	1
Acrylonitrile	20	U	20	20	ug/L			09/02/14 11:48	1
Benzene	1.0	U	1.0	1.0	ug/L			09/02/14 11:48	1
Bromoform	1.0	U	1.0	1.0	ug/L			09/02/14 11:48	1
Bromomethane	5.0	U	5.0	5.0	ug/L			09/02/14 11:48	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			09/02/14 11:48	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			09/02/14 11:48	1
Chloroethane	5.0	U	5.0	5.0	ug/L			09/02/14 11:48	1
Chloroform	1.0	U	1.0	1.0	ug/L			09/02/14 11:48	1
Chloromethane	1.0	U	1.0	1.0	ug/L			09/02/14 11:48	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			09/02/14 11:48	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/02/14 11:48	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/02/14 11:48	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/02/14 11:48	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			09/02/14 11:48	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/02/14 11:48	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/02/14 11:48	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 11:48	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 11:48	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 11:48	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			09/02/14 11:48	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/02/14 11:48	1

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

Lab Sample ID: MB 680-346815/8
Matrix: Solid
Analysis Batch: 346815

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/02/14 11:48	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			09/02/14 11:48	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			09/02/14 11:48	1
Methyl tert-butyl ether	10	U	10	10	ug/L			09/02/14 11:48	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 11:48	1
Toluene	1.0	U	1.0	1.0	ug/L			09/02/14 11:48	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			09/02/14 11:48	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/02/14 11:48	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/02/14 11:48	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 11:48	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			09/02/14 11:48	1
Xylenes, Total	2.0	U	2.0	2.0	ug/L			09/02/14 11:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*09/02/14 11:48*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*09/02/14 11:48*	*1*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*		*09/02/14 11:48*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*09/02/14 11:48*	*1*

Lab Sample ID: LCS 680-346815/22
Matrix: Solid
Analysis Batch: 346815

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acrolein	1000	1530	J3	ug/L		153	50 - 150
Acrylonitrile	500	621		ug/L		124	50 - 150
Benzene	50.0	55.4		ug/L		111	74 - 123
Bromoform	50.0	48.8		ug/L		98	60 - 134
Bromomethane	50.0	26.3		ug/L		53	10 - 171
Carbon tetrachloride	50.0	51.0		ug/L		102	70 - 131
Chlorobenzene	50.0	49.2		ug/L		98	79 - 120
Chloroethane	50.0	49.9		ug/L		100	47 - 148
Chloroform	50.0	54.6		ug/L		109	76 - 128
Chloromethane	50.0	39.1		ug/L		78	47 - 151
Dibromochloromethane	50.0	52.7		ug/L		105	63 - 134
1,2-Dichlorobenzene	50.0	47.8		ug/L		96	77 - 124
1,3-Dichlorobenzene	50.0	48.2		ug/L		96	79 - 123
1,4-Dichlorobenzene	50.0	48.0		ug/L		96	76 - 124
Dichlorodifluoromethane	50.0	52.8		ug/L		106	41 - 165
1,1-Dichloroethane	50.0	55.9		ug/L		112	69 - 132
1,2-Dichloroethane	50.0	50.7		ug/L		101	75 - 120
cis-1,2-Dichloroethene	50.0	54.7		ug/L		109	78 - 127
trans-1,2-Dichloroethene	50.0	52.7		ug/L		105	78 - 130
1,1-Dichloroethene	50.0	45.1		ug/L		90	73 - 134
1,2-Dichloropropane	50.0	57.1		ug/L		114	71 - 126
cis-1,3-Dichloropropene	50.0	52.0		ug/L		104	73 - 128
trans-1,3-Dichloropropene	50.0	50.8		ug/L		102	72 - 127
Ethylbenzene	50.0	50.0		ug/L		100	78 - 125

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

Lab Sample ID: LCS 680-346815/22
Matrix: Solid
Analysis Batch: 346815

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	50.0	54.4		ug/L		109	79 - 124
Methyl tert-butyl ether	50.0	50.1		ug/L		100	76 - 126
Tetrachloroethene	50.0	53.3		ug/L		107	77 - 128
Toluene	50.0	54.1		ug/L		108	77 - 125
1,2,4-Trichlorobenzene	50.0	45.4		ug/L		91	67 - 134
1,1,1-Trichloroethane	50.0	52.8		ug/L		106	76 - 126
1,1,2-Trichloroethane	50.0	56.3		ug/L		113	69 - 127
Trichloroethene	50.0	52.5		ug/L		105	80 - 120
Vinyl chloride	50.0	50.4		ug/L		101	58 - 141
Xylenes, Total	100	99.0		ug/L		99	80 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*107*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Toluene-d8 (Surr)	*109*		*70 - 130*

Lab Sample ID: LCSD 680-346815/23
Matrix: Solid
Analysis Batch: 346815

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
Acrolein	1000	1440		ug/L		144	50 - 150	6	50
Acrylonitrile	500	606		ug/L		121	50 - 150	2	50
Benzene	50.0	55.2		ug/L		110	74 - 123	0	30
Bromoform	50.0	49.1		ug/L		98	60 - 134	1	30
Bromomethane	50.0	29.0		ug/L		58	10 - 171	10	50
Carbon tetrachloride	50.0	50.7		ug/L		101	70 - 131	1	30
Chlorobenzene	50.0	49.4		ug/L		99	79 - 120	0	30
Chloroethane	50.0	48.4		ug/L		97	47 - 148	3	40
Chloroform	50.0	53.4		ug/L		107	76 - 128	2	30
Chloromethane	50.0	41.6		ug/L		83	47 - 151	6	30
Dibromochloromethane	50.0	52.4		ug/L		105	63 - 134	1	50
1,2-Dichlorobenzene	50.0	49.1		ug/L		98	77 - 124	3	30
1,3-Dichlorobenzene	50.0	48.7		ug/L		97	79 - 123	1	30
1,4-Dichlorobenzene	50.0	48.7		ug/L		97	76 - 124	1	30
Dichlorodifluoromethane	50.0	51.3		ug/L		103	41 - 165	3	50
1,1-Dichloroethane	50.0	55.0		ug/L		110	69 - 132	2	30
1,2-Dichloroethane	50.0	51.9		ug/L		104	75 - 120	2	30
cis-1,2-Dichloroethene	50.0	52.7		ug/L		105	78 - 127	4	30
trans-1,2-Dichloroethene	50.0	52.1		ug/L		104	78 - 130	1	30
1,1-Dichloroethene	50.0	43.7		ug/L		87	73 - 134	3	30
1,2-Dichloropropane	50.0	58.2		ug/L		116	71 - 126	2	30
cis-1,3-Dichloropropene	50.0	52.6		ug/L		105	73 - 128	1	30
trans-1,3-Dichloropropene	50.0	50.9		ug/L		102	72 - 127	0	50
Ethylbenzene	50.0	49.6		ug/L		99	78 - 125	1	30
Methylene Chloride	50.0	54.6		ug/L		109	79 - 124	0	30
Methyl tert-butyl ether	50.0	50.0		ug/L		100	76 - 126	0	30

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

Lab Sample ID: LCSD 680-346815/23
Matrix: Solid
Analysis Batch: 346815

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
Tetrachloroethene			50.0	51.2		ug/L		102	77 - 128	4	30
Toluene			50.0	52.9		ug/L		106	77 - 125	2	30
1,2,4-Trichlorobenzene			50.0	49.8		ug/L		100	67 - 134	9	30
1,1,1-Trichloroethane			50.0	51.3		ug/L		103	76 - 126	3	30
1,1,2-Trichloroethane			50.0	55.2		ug/L		110	69 - 127	2	30
Trichloroethene			50.0	52.1		ug/L		104	80 - 120	1	30
Vinyl chloride			50.0	49.2		ug/L		98	58 - 141	2	30
Xylenes, Total			100	98.8		ug/L		99	80 - 124	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
Dibromofluoromethane (Surr)	*107*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Toluene-d8 (Surr)	*106*		*70 - 130*

Lab Sample ID: LB 680-346303/1-A
Matrix: Solid
Analysis Batch: 346522

Client Sample ID: Method Blank
Prep Type: SPLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	U	20	20	ug/L			08/29/14 11:17	1
Acrylonitrile	20	U	20	20	ug/L			08/29/14 11:17	1
Benzene	1.0	U	1.0	1.0	ug/L			08/29/14 11:17	1
Bromoform	1.0	U	1.0	1.0	ug/L			08/29/14 11:17	1
Bromomethane	5.0	U	5.0	5.0	ug/L			08/29/14 11:17	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			08/29/14 11:17	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 11:17	1
Chloroethane	5.0	U	5.0	5.0	ug/L			08/29/14 11:17	1
Chloroform	1.0	U	1.0	1.0	ug/L			08/29/14 11:17	1
Chloromethane	1.0	U	1.0	1.0	ug/L			08/29/14 11:17	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			08/29/14 11:17	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 11:17	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 11:17	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			08/29/14 11:17	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			08/29/14 11:17	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 11:17	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 11:17	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 11:17	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 11:17	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 11:17	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			08/29/14 11:17	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			08/29/14 11:17	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			08/29/14 11:17	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			08/29/14 11:17	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			08/29/14 11:17	1
Methyl tert-butyl ether	10	U	10	10	ug/L			08/29/14 11:17	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 11:17	1
Toluene	1.0	U	1.0	1.0	ug/L			08/29/14 11:17	1

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

Lab Sample ID: LB 680-346303/1-A
Matrix: Solid
Analysis Batch: 346522

Client Sample ID: Method Blank
Prep Type: SPLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			08/29/14 11:17	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 11:17	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			08/29/14 11:17	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			08/29/14 11:17	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			08/29/14 11:17	1
Xylenes, Total	2.0	U	2.0	2.0	ug/L			08/29/14 11:17	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*08/29/14 11:17*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*08/29/14 11:17*	*1*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*		*08/29/14 11:17*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*08/29/14 11:17*	*1*

Lab Sample ID: 660-62441-5 MS
Matrix: Solid
Analysis Batch: 346522

Client Sample ID: Comp 5-1B
Prep Type: SPLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acrylonitrile	20	U	500	528		ug/L		106	50 - 150
Benzene	1.0	U	50.0	50.1		ug/L		100	74 - 123
Bromoform	1.0	U	50.0	46.4		ug/L		93	60 - 134
Bromomethane	5.0	U	50.0	16.7		ug/L		33	10 - 171
Carbon tetrachloride	1.0	U	50.0	47.9		ug/L		96	70 - 131
Chlorobenzene	1.0	U	50.0	49.5		ug/L		99	79 - 120
Chloroethane	5.0	U	50.0	49.3		ug/L		99	47 - 148
Chloroform	1.0	U	50.0	49.0		ug/L		98	76 - 128
Chloromethane	1.0	U	50.0	33.8		ug/L		68	47 - 151
Dibromochloromethane	1.0	U	50.0	44.6		ug/L		89	63 - 134
1,2-Dichlorobenzene	1.0	U	50.0	50.7		ug/L		101	77 - 124
1,3-Dichlorobenzene	1.0	U	50.0	51.3		ug/L		103	79 - 123
1,4-Dichlorobenzene	1.0	U	50.0	51.0		ug/L		102	76 - 124
Dichlorodifluoromethane	1.0	U	50.0	60.0		ug/L		120	41 - 165
1,1-Dichloroethane	1.0	U	50.0	50.5		ug/L		101	69 - 132
1,2-Dichloroethane	1.0	U	50.0	44.4		ug/L		89	75 - 120
cis-1,2-Dichloroethene	1.0	U	50.0	49.5		ug/L		99	78 - 127
trans-1,2-Dichloroethene	1.0	U	50.0	49.3		ug/L		99	78 - 130
1,1-Dichloroethene	1.0	U	50.0	44.1		ug/L		88	73 - 134
1,2-Dichloropropane	1.0	U	50.0	50.8		ug/L		102	71 - 126
cis-1,3-Dichloropropene	1.0	U	50.0	45.3		ug/L		91	73 - 128
trans-1,3-Dichloropropene	1.0	U	50.0	42.4		ug/L		85	72 - 127
Ethylbenzene	1.0	U	50.0	51.4		ug/L		103	78 - 125
Methylene Chloride	5.0	U	50.0	51.2		ug/L		102	79 - 124
Methyl tert-butyl ether	10	U	50.0	42.9		ug/L		86	76 - 126
Tetrachloroethene	1.0	U	50.0	48.9		ug/L		98	77 - 128
Toluene	1.0	U	50.0	48.7		ug/L		97	77 - 125
1,2,4-Trichlorobenzene	5.0	U	50.0	49.0		ug/L		98	67 - 134
1,1,1-Trichloroethane	1.0	U	50.0	48.7		ug/L		97	76 - 126
1,1,2-Trichloroethane	1.0	U	50.0	48.2		ug/L		96	69 - 127

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

Lab Sample ID: 660-62441-5 MS
Matrix: Solid
Analysis Batch: 346522

Client Sample ID: Comp 5-1B
Prep Type: SPLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	1.0	U	50.0	47.7		ug/L		95	80 - 120
Vinyl chloride	1.0	U	50.0	51.2		ug/L		102	58 - 141
Xylenes, Total	2.0	U	100	101		ug/L		101	80 - 124

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 130*
Dibromofluoromethane (Surr)	*96*		*70 - 130*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: 660-62441-5 MSD
Matrix: Solid
Analysis Batch: 346522

Client Sample ID: Comp 5-1B
Prep Type: SPLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acrylonitrile	20	U	500	510		ug/L		102	50 - 150	3	50
Benzene	1.0	U	50.0	50.0		ug/L		100	74 - 123	0	30
Bromoform	1.0	U	50.0	47.0		ug/L		94	60 - 134	1	30
Bromomethane	5.0	U	50.0	22.8		ug/L		46	10 - 171	31	50
Carbon tetrachloride	1.0	U	50.0	48.9		ug/L		98	70 - 131	2	30
Chlorobenzene	1.0	U	50.0	50.4		ug/L		101	79 - 120	2	30
Chloroethane	5.0	U	50.0	49.5		ug/L		99	47 - 148	0	40
Chloroform	1.0	U	50.0	49.9		ug/L		100	76 - 128	2	30
Chloromethane	1.0	U	50.0	36.1		ug/L		72	47 - 151	7	30
Dibromochloromethane	1.0	U	50.0	45.4		ug/L		91	63 - 134	2	50
1,2-Dichlorobenzene	1.0	U	50.0	51.5		ug/L		103	77 - 124	2	30
1,3-Dichlorobenzene	1.0	U	50.0	52.3		ug/L		105	79 - 123	2	30
1,4-Dichlorobenzene	1.0	U	50.0	51.8		ug/L		104	76 - 124	2	30
Dichlorodifluoromethane	1.0	U	50.0	62.1		ug/L		124	41 - 165	3	50
1,1-Dichloroethane	1.0	U	50.0	51.2		ug/L		102	69 - 132	1	30
1,2-Dichloroethane	1.0	U	50.0	46.2		ug/L		92	75 - 120	4	30
cis-1,2-Dichloroethene	1.0	U	50.0	50.5		ug/L		101	78 - 127	2	30
trans-1,2-Dichloroethene	1.0	U	50.0	50.2		ug/L		100	78 - 130	2	30
1,1-Dichloroethene	1.0	U	50.0	44.5		ug/L		89	73 - 134	1	30
1,2-Dichloropropane	1.0	U	50.0	52.0		ug/L		104	71 - 126	2	30
cis-1,3-Dichloropropene	1.0	U	50.0	46.7		ug/L		93	73 - 128	3	30
trans-1,3-Dichloropropene	1.0	U	50.0	43.8		ug/L		88	72 - 127	3	50
Ethylbenzene	1.0	U	50.0	52.0		ug/L		104	78 - 125	1	30
Methylene Chloride	5.0	U	50.0	52.3		ug/L		105	79 - 124	2	30
Methyl tert-butyl ether	10	U	50.0	43.9		ug/L		88	76 - 126	2	30
Tetrachloroethene	1.0	U	50.0	49.0		ug/L		98	77 - 128	0	30
Toluene	1.0	U	50.0	48.9		ug/L		98	77 - 125	0	30
1,2,4-Trichlorobenzene	5.0	U	50.0	52.2		ug/L		104	67 - 134	6	30
1,1,1-Trichloroethane	1.0	U	50.0	48.9		ug/L		98	76 - 126	0	30
1,1,2-Trichloroethane	1.0	U	50.0	48.3		ug/L		97	69 - 127	0	30
Trichloroethene	1.0	U	50.0	48.0		ug/L		96	80 - 120	1	30
Vinyl chloride	1.0	U	50.0	52.2		ug/L		104	58 - 141	2	30
Xylenes, Total	2.0	U	100	102		ug/L		102	80 - 124	2	30

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

Lab Sample ID: 660-62441-5 MSD
Matrix: Solid
Analysis Batch: 346522

Client Sample ID: Comp 5-1B
Prep Type: SPLP

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*
Dibromofluoromethane (Surr)	*96*		*70 - 130*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 660-62441-9 DU
Matrix: Solid
Analysis Batch: 346522

Client Sample ID: Comp 6-3B
Prep Type: SPLP

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acrolein	20	U	NC		ug/L		NC	
Acrylonitrile	20	U	20	U	ug/L		NC	
Benzene	1.0	U	1.0	U	ug/L		NC	
Bromoform	1.0	U	1.0	U	ug/L		NC	
Bromomethane	5.0	U	5.0	U	ug/L		NC	
Carbon tetrachloride	1.0	U	1.0	U	ug/L		NC	
Chlorobenzene	1.0	U	1.0	U	ug/L		NC	
Chloroethane	5.0	U	5.0	U	ug/L		NC	
Chloroform	1.0	U	1.0	U	ug/L		NC	
Chloromethane	1.0	U	1.0	U	ug/L		NC	
Dibromochloromethane	1.0	U	1.0	U	ug/L		NC	
1,2-Dichlorobenzene	1.0	U	1.0	U	ug/L		NC	
1,3-Dichlorobenzene	1.0	U	1.0	U	ug/L		NC	
1,4-Dichlorobenzene	1.0	U	1.0	U	ug/L		NC	
Dichlorodifluoromethane	1.0	U	1.0	U	ug/L		NC	
1,1-Dichloroethane	1.0	U	1.0	U	ug/L		NC	
1,2-Dichloroethane	1.0	U	1.0	U	ug/L		NC	
cis-1,2-Dichloroethene	1.0	U	1.0	U	ug/L		NC	
trans-1,2-Dichloroethene	1.0	U	1.0	U	ug/L		NC	
1,1-Dichloroethene	1.0	U	1.0	U	ug/L		NC	
1,2-Dichloropropane	1.0	U	1.0	U	ug/L		NC	
cis-1,3-Dichloropropene	1.0	U	1.0	U	ug/L		NC	
trans-1,3-Dichloropropene	1.0	U	1.0	U	ug/L		NC	
Ethylbenzene	1.0	U	1.0	U	ug/L		NC	
Methylene Chloride	17		20.3		ug/L		18	
Methyl tert-butyl ether	10	U	10	U	ug/L		NC	
Tetrachloroethene	1.0	U	1.0	U	ug/L		NC	
Toluene	1.0	U	1.0	U	ug/L		NC	
1,2,4-Trichlorobenzene	5.0	U	5.0	U	ug/L		NC	
1,1,1-Trichloroethane	1.0	U	1.0	U	ug/L		NC	
1,1,2-Trichloroethane	1.0	U	1.0	U	ug/L		NC	
Trichloroethene	1.0	U	1.0	U	ug/L		NC	
Vinyl chloride	1.0	U	1.0	U	ug/L		NC	
Xylenes, Total	2.0	U	2.0	U	ug/L		NC	

Surrogate	DU %Recovery	DU Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*

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

Lab Sample ID: 660-62441-9 DU
Matrix: Solid
Analysis Batch: 346522

Client Sample ID: Comp 6-3B
Prep Type: SPLP

Surrogate	DU %Recovery	DU Qualifier	Limits
Dibromofluoromethane (Surr)	*97*		*70 - 130*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*

Lab Sample ID: LB 680-346510/1-A
Matrix: Solid
Analysis Batch: 346815

Client Sample ID: Method Blank
Prep Type: SPLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	NC		20	20	ug/L			09/02/14 12:52	1
Acrylonitrile	20	U	20	20	ug/L			09/02/14 12:52	1
Benzene	1.0	U	1.0	1.0	ug/L			09/02/14 12:52	1
Bromoform	1.0	U	1.0	1.0	ug/L			09/02/14 12:52	1
Bromomethane	5.0	U	5.0	5.0	ug/L			09/02/14 12:52	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			09/02/14 12:52	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			09/02/14 12:52	1
Chloroethane	5.0	U	5.0	5.0	ug/L			09/02/14 12:52	1
Chloroform	1.0	U	1.0	1.0	ug/L			09/02/14 12:52	1
Chloromethane	1.0	U	1.0	1.0	ug/L			09/02/14 12:52	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			09/02/14 12:52	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/02/14 12:52	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/02/14 12:52	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/02/14 12:52	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			09/02/14 12:52	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/02/14 12:52	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/02/14 12:52	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 12:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 12:52	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 12:52	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			09/02/14 12:52	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/02/14 12:52	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/02/14 12:52	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			09/02/14 12:52	1
Methylene Chloride	14.1		5.0	5.0	ug/L			09/02/14 12:52	1
Methyl tert-butyl ether	10	U	10	10	ug/L			09/02/14 12:52	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 12:52	1
Toluene	1.0	U	1.0	1.0	ug/L			09/02/14 12:52	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			09/02/14 12:52	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/02/14 12:52	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/02/14 12:52	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			09/02/14 12:52	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			09/02/14 12:52	1
Xylenes, Total	2.0	U	2.0	2.0	ug/L			09/02/14 12:52	1

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*		*09/02/14 12:52*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*09/02/14 12:52*	*1*

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

Lab Sample ID: LB 680-346510/1-A
Matrix: Solid
Analysis Batch: 346815

Client Sample ID: Method Blank
Prep Type: SPLP

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*		*09/02/14 12:52*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*09/02/14 12:52*	*1*

Lab Sample ID: 660-62441-13 DU
Matrix: Solid
Analysis Batch: 346815

Client Sample ID: Comp 7-4B
Prep Type: SPLP

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acrolein	20	J3 U	20	J3 U	ug/L		NC	
Acrylonitrile	20	U	20	U	ug/L		NC	
Benzene	1.0	U	1.0	U	ug/L		NC	
Bromoform	1.0	U	1.0	U	ug/L		NC	
Bromomethane	5.0	U	5.0	U	ug/L		NC	
Carbon tetrachloride	1.0	U	1.0	U	ug/L		NC	
Chlorobenzene	1.0	U	1.0	U	ug/L		NC	
Chloroethane	5.0	U	5.0	U	ug/L		NC	
Chloroform	1.0	U	1.0	U	ug/L		NC	
Chloromethane	1.0	U	1.0	U	ug/L		NC	
Dibromochloromethane	1.0	U	1.0	U	ug/L		NC	
1,2-Dichlorobenzene	1.0	U	1.0	U	ug/L		NC	
1,3-Dichlorobenzene	1.0	U	1.0	U	ug/L		NC	
1,4-Dichlorobenzene	1.0	U	1.0	U	ug/L		NC	
Dichlorodifluoromethane	1.0	U	1.0	U	ug/L		NC	
1,1-Dichloroethane	1.0	U	1.0	U	ug/L		NC	
1,2-Dichloroethane	1.0	U	1.0	U	ug/L		NC	
cis-1,2-Dichloroethene	1.0	U	1.0	U	ug/L		NC	
trans-1,2-Dichloroethene	1.0	U	1.0	U	ug/L		NC	
1,1-Dichloroethene	1.0	U	1.0	U	ug/L		NC	
1,2-Dichloropropane	1.0	U	1.0	U	ug/L		NC	
cis-1,3-Dichloropropene	1.0	U	1.0	U	ug/L		NC	
trans-1,3-Dichloropropene	1.0	U	1.0	U	ug/L		NC	
Ethylbenzene	1.0	U	1.0	U	ug/L		NC	
Methylene Chloride	5.0	U	5.0	U	ug/L		NC	
Methyl tert-butyl ether	10	U	10	U	ug/L		NC	
Tetrachloroethene	1.0	U	1.0	U	ug/L		NC	
Toluene	1.0	U	1.0	U	ug/L		NC	
1,2,4-Trichlorobenzene	5.0	U	5.0	U	ug/L		NC	
1,1,1-Trichloroethane	1.0	U	1.0	U	ug/L		NC	
1,1,2-Trichloroethane	1.0	U	1.0	U	ug/L		NC	
Trichloroethene	1.0	U	1.0	U	ug/L		NC	
Vinyl chloride	1.0	U	1.0	U	ug/L		NC	
Xylenes, Total	2.0	U	2.0	U	ug/L		NC	

Surrogate	DU %Recovery	DU Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*
Dibromofluoromethane (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*

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

Lab Sample ID: 660-62441-13 DU
Matrix: Solid
Analysis Batch: 346815

Client Sample ID: Comp 7-4B
Prep Type: SPLP

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*70 - 130*

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

Lab Sample ID: MB 640-111368/1-A
Matrix: Solid
Analysis Batch: 111414

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111368

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.2	U	10	1.2	ug/L		09/02/14 19:00	09/04/14 06:30	1
Acenaphthylene	0.85	U	10	0.85	ug/L		09/02/14 19:00	09/04/14 06:30	1
Anthracene	0.86	U	10	0.86	ug/L		09/02/14 19:00	09/04/14 06:30	1
Benzo[a]anthracene	0.88	U	10	0.88	ug/L		09/02/14 19:00	09/04/14 06:30	1
Benzo[a]pyrene	0.89	U	10	0.89	ug/L		09/02/14 19:00	09/04/14 06:30	1
Benzo[b]fluoranthene	0.80	U	10	0.80	ug/L		09/02/14 19:00	09/04/14 06:30	1
Benzo[g,h,i]perylene	1.9	U	10	1.9	ug/L		09/02/14 19:00	09/04/14 06:30	1
Benzo[k]fluoranthene	0.86	U	10	0.86	ug/L		09/02/14 19:00	09/04/14 06:30	1
Bis(2-chloroethoxy)methane	0.96	U	10	0.96	ug/L		09/02/14 19:00	09/04/14 06:30	1
Bis(2-chloroethyl)ether	1.9	U	10	1.9	ug/L		09/02/14 19:00	09/04/14 06:30	1
bis (2-chloroisopropyl) ether	1.1	U	10	1.1	ug/L		09/02/14 19:00	09/04/14 06:30	1
Bis(2-ethylhexyl) phthalate	5.47	I	10	2.5	ug/L		09/02/14 19:00	09/04/14 06:30	1
4-Bromophenyl phenyl ether	0.97	U	10	0.97	ug/L		09/02/14 19:00	09/04/14 06:30	1
Butyl benzyl phthalate	0.98	U	10	0.98	ug/L		09/02/14 19:00	09/04/14 06:30	1
4-Chloroaniline	1.7	U	20	1.7	ug/L		09/02/14 19:00	09/04/14 06:30	1
4-Chloro-3-methylphenol	1.1	U	10	1.1	ug/L		09/02/14 19:00	09/04/14 06:30	1
2-Chloronaphthalene	1.4	U	10	1.4	ug/L		09/02/14 19:00	09/04/14 06:30	1
2-Chlorophenol	1.6	U	10	1.6	ug/L		09/02/14 19:00	09/04/14 06:30	1
4-Chlorophenyl phenyl ether	1.5	U	10	1.5	ug/L		09/02/14 19:00	09/04/14 06:30	1
Chrysene	1.0	U	10	1.0	ug/L		09/02/14 19:00	09/04/14 06:30	1
Dibenz(a,h)anthracene	2.3	U	10	2.3	ug/L		09/02/14 19:00	09/04/14 06:30	1
Dibenzofuran	1.0	U	10	1.0	ug/L		09/02/14 19:00	09/04/14 06:30	1
3,3'-Dichlorobenzidine	6.8	U	20	6.8	ug/L		09/02/14 19:00	09/04/14 06:30	1
2,4-Dichlorophenol	3.3	U	10	3.3	ug/L		09/02/14 19:00	09/04/14 06:30	1
Diethyl phthalate	0.90	U	10	0.90	ug/L		09/02/14 19:00	09/04/14 06:30	1
2,4-Dimethylphenol	3.8	U	10	3.8	ug/L		09/02/14 19:00	09/04/14 06:30	1
Dimethyl phthalate	1.3	U	10	1.3	ug/L		09/02/14 19:00	09/04/14 06:30	1
Di-n-butyl phthalate	1.9	U	10	1.9	ug/L		09/02/14 19:00	09/04/14 06:30	1
4,6-Dinitro-2-methylphenol	1.0	U	50	1.0	ug/L		09/02/14 19:00	09/04/14 06:30	1
2,4-Dinitrophenol	3.1	U	50	3.1	ug/L		09/02/14 19:00	09/04/14 06:30	1
2,4-Dinitrotoluene	1.7	U	10	1.7	ug/L		09/02/14 19:00	09/04/14 06:30	1
2,6-Dinitrotoluene	2.1	U	10	2.1	ug/L		09/02/14 19:00	09/04/14 06:30	1
Di-n-octyl phthalate	2.0	U	10	2.0	ug/L		09/02/14 19:00	09/04/14 06:30	1
1,2-Diphenylhydrazine(as Azobenzene)	0.99	U	10	0.99	ug/L		09/02/14 19:00	09/04/14 06:30	1
Fluoranthene	1.4	U	10	1.4	ug/L		09/02/14 19:00	09/04/14 06:30	1
Fluorene	0.90	U	10	0.90	ug/L		09/02/14 19:00	09/04/14 06:30	1
Hexachlorobenzene	1.0	U	10	1.0	ug/L		09/02/14 19:00	09/04/14 06:30	1
Hexachlorobutadiene	1.9	U	10	1.9	ug/L		09/02/14 19:00	09/04/14 06:30	1

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

Lab Sample ID: MB 640-111368/1-A
Matrix: Solid
Analysis Batch: 111414

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111368

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	2.1	U	10	2.1	ug/L		09/02/14 19:00	09/04/14 06:30	1
Hexachloroethane	4.5	U	10	4.5	ug/L		09/02/14 19:00	09/04/14 06:30	1
Indeno[1,2,3-cd]pyrene	2.4	U	10	2.4	ug/L		09/02/14 19:00	09/04/14 06:30	1
Isophorone	0.85	U	10	0.85	ug/L		09/02/14 19:00	09/04/14 06:30	1
2-Methylnaphthalene	1.5	U	10	1.5	ug/L		09/02/14 19:00	09/04/14 06:30	1
1-Methylnaphthalene	2.6	U	10	2.6	ug/L		09/02/14 19:00	09/04/14 06:30	1
Naphthalene	1.4	U	10	1.4	ug/L		09/02/14 19:00	09/04/14 06:30	1
Nitrobenzene	1.6	U	10	1.6	ug/L		09/02/14 19:00	09/04/14 06:30	1
2-Nitrophenol	0.96	U	10	0.96	ug/L		09/02/14 19:00	09/04/14 06:30	1
4-Nitrophenol	2.1	U	50	2.1	ug/L		09/02/14 19:00	09/04/14 06:30	1
N-Nitrosodimethylamine	2.4	U	10	2.4	ug/L		09/02/14 19:00	09/04/14 06:30	1
N-Nitrosodi-n-propylamine	0.93	U	10	0.93	ug/L		09/02/14 19:00	09/04/14 06:30	1
N-Nitrosodiphenylamine	0.62	U	10	0.62	ug/L		09/02/14 19:00	09/04/14 06:30	1
Pentachlorophenol	1.1	U	50	1.1	ug/L		09/02/14 19:00	09/04/14 06:30	1
Phenanthrene	1.4	U	10	1.4	ug/L		09/02/14 19:00	09/04/14 06:30	1
Phenol	1.2	U	10	1.2	ug/L		09/02/14 19:00	09/04/14 06:30	1
Pyrene	1.0	U	10	1.0	ug/L		09/02/14 19:00	09/04/14 06:30	1
2,4,6-Trichlorophenol	1.2	U	10	1.2	ug/L		09/02/14 19:00	09/04/14 06:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*24 - 113*	*09/02/14 19:00*	*09/04/14 06:30*	*1*
2-Fluorophenol (Surr)	*72*		*12 - 105*	*09/02/14 19:00*	*09/04/14 06:30*	*1*
Nitrobenzene-d5 (Surr)	*74*		*26 - 107*	*09/02/14 19:00*	*09/04/14 06:30*	*1*
Phenol-d5 (Surr)	*70*		*17 - 111*	*09/02/14 19:00*	*09/04/14 06:30*	*1*
Terphenyl-d14 (Surr)	*90*		*36 - 127*	*09/02/14 19:00*	*09/04/14 06:30*	*1*
2,4,6-Tribromophenol (Surr)	*77*		*48 - 124*	*09/02/14 19:00*	*09/04/14 06:30*	*1*

Lab Sample ID: LCS 640-111368/3-A
Matrix: Solid
Analysis Batch: 111414

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 111368

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	200	173		ug/L		86	51 - 110
Acenaphthylene	200	182		ug/L		91	53 - 113
Anthracene	200	189		ug/L		95	67 - 117
Benzo[a]anthracene	200	191		ug/L		96	67 - 124
Benzo[a]pyrene	200	195		ug/L		97	66 - 117
Benzo[b]fluoranthene	200	186		ug/L		93	63 - 124
Benzo[g,h,i]perylene	200	198		ug/L		99	64 - 121
Benzo[k]fluoranthene	200	186		ug/L		93	63 - 120
Bis(2-chloroethoxy)methane	200	168		ug/L		84	43 - 115
Bis(2-chloroethyl)ether	200	148		ug/L		74	40 - 109
bis (2-chloroisopropyl) ether	200	146		ug/L		73	21 - 146
Bis(2-ethylhexyl) phthalate	200	194		ug/L		97	63 - 133
4-Bromophenyl phenyl ether	200	172		ug/L		86	60 - 115
Butyl benzyl phthalate	200	197		ug/L		98	64 - 128
4-Chloroaniline	200	160		ug/L		80	25 - 102
4-Chloro-3-methylphenol	200	184		ug/L		92	57 - 114

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

Lab Sample ID: LCS 640-111368/3-A
Matrix: Solid
Analysis Batch: 111414

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 111368

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chloronaphthalene	200	169		ug/L		84	43 - 126
2-Chlorophenol	200	138		ug/L		69	37 - 108
4-Chlorophenyl phenyl ether	200	168		ug/L		84	60 - 112
Chrysene	200	192		ug/L		96	66 - 127
Dibenz(a,h)anthracene	200	196		ug/L		98	63 - 125
Dibenzofuran	200	174		ug/L		87	58 - 112
3,3'-Dichlorobenzidine	200	169		ug/L		85	50 - 100
2,4-Dichlorophenol	200	166		ug/L		83	47 - 113
Diethyl phthalate	200	189		ug/L		95	67 - 117
2,4-Dimethylphenol	200	132		ug/L		66	14 - 110
Dimethyl phthalate	200	186		ug/L		93	65 - 116
Di-n-butyl phthalate	200	206		ug/L		103	68 - 125
4,6-Dinitro-2-methylphenol	400	334		ug/L		84	43 - 135
2,4-Dinitrophenol	400	297		ug/L		74	43 - 129
2,4-Dinitrotoluene	200	190		ug/L		95	64 - 125
2,6-Dinitrotoluene	200	180		ug/L		90	58 - 124
Di-n-octyl phthalate	200	216		ug/L		108	66 - 134
1,2-Diphenylhydrazine(as Azobenzene)	200	198		ug/L		99	60 - 121
Fluoranthene	200	187		ug/L		94	69 - 124
Fluorene	200	178		ug/L		89	61 - 113
Hexachlorobenzene	200	168		ug/L		84	60 - 113
Hexachlorobutadiene	200	137		ug/L		69	15 - 101
Hexachlorocyclopentadiene	200	83.8		ug/L		42	10 - 100
Hexachloroethane	200	136		ug/L		68	10 - 100
Indeno[1,2,3-cd]pyrene	200	196		ug/L		98	62 - 132
Isophorone	200	179		ug/L		90	51 - 109
2-Methylnaphthalene	200	159		ug/L		79	43 - 105
1-Methylnaphthalene	200	163		ug/L		82	46 - 106
Naphthalene	200	157		ug/L		79	38 - 113
Nitrobenzene	200	152		ug/L		76	44 - 110
2-Nitrophenol	200	158		ug/L		79	41 - 116
4-Nitrophenol	400	403		ug/L		101	56 - 141
N-Nitrosodimethylamine	200	139		ug/L		69	27 - 126
N-Nitrosodi-n-propylamine	200	175		ug/L		88	47 - 109
N-Nitrosodiphenylamine	200	185		ug/L		93	63 - 119
Pentachlorophenol	400	315		ug/L		79	37 - 135
Phenanthrene	200	189		ug/L		94	67 - 120
Phenol	200	159		ug/L		79	38 - 110
Pyrene	200	189		ug/L		95	66 - 134
2,4,6-Trichlorophenol	200	181		ug/L		90	55 - 116

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*85*		*24 - 113*
2-Fluorophenol (Surr)	*63*		*12 - 105*
Nitrobenzene-d5 (Surr)	*76*		*26 - 107*
Phenol-d5 (Surr)	*71*		*17 - 111*
Terphenyl-d14 (Surr)	*79*		*36 - 127*

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

Lab Sample ID: LCS 640-111368/3-A
Matrix: Solid
Analysis Batch: 111414

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 111368

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	*83*		*48 - 124*

Lab Sample ID: LCSD 640-111368/4-A
Matrix: Solid
Analysis Batch: 111414

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 111368

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	200	155		ug/L		78	51 - 110	11	29
Acenaphthylene	200	161		ug/L		81	53 - 113	12	28
Anthracene	200	169		ug/L		84	67 - 117	11	25
Benzo[a]anthracene	200	181		ug/L		90	67 - 124	6	25
Benzo[a]pyrene	200	180		ug/L		90	66 - 117	8	26
Benzo[b]fluoranthene	200	174		ug/L		87	63 - 124	6	29
Benzo[g,h,i]perylene	200	174		ug/L		87	64 - 121	13	25
Benzo[k]fluoranthene	200	173		ug/L		87	63 - 120	7	26
Bis(2-chloroethoxy)methane	200	159		ug/L		79	43 - 115	6	50
Bis(2-chloroethyl)ether	200	141		ug/L		70	40 - 109	5	43
bis (2-chloroisopropyl) ether	200	139		ug/L		69	21 - 146	5	43
Bis(2-ethylhexyl) phthalate	200	191		ug/L		96	63 - 133	1	27
4-Bromophenyl phenyl ether	200	153		ug/L		77	60 - 115	11	25
Butyl benzyl phthalate	200	189		ug/L		95	64 - 128	4	24
4-Chloroaniline	200	153		ug/L		76	25 - 102	4	64
4-Chloro-3-methylphenol	200	166		ug/L		83	57 - 114	10	32
2-Chloronaphthalene	200	152		ug/L		76	43 - 126	11	40
2-Chlorophenol	200	136		ug/L		68	37 - 108	2	45
4-Chlorophenyl phenyl ether	200	151		ug/L		75	60 - 112	11	26
Chrysene	200	180		ug/L		90	66 - 127	6	24
Dibenz(a,h)anthracene	200	174		ug/L		87	63 - 125	12	27
Dibenzofuran	200	153		ug/L		77	58 - 112	13	26
3,3'-Dichlorobenzidine	200	157		ug/L		78	50 - 100	8	20
2,4-Dichlorophenol	200	159		ug/L		79	47 - 113	4	39
Diethyl phthalate	200	168		ug/L		84	67 - 117	12	20
2,4-Dimethylphenol	200	122		ug/L		61	14 - 110	7	51
Dimethyl phthalate	200	164		ug/L		82	65 - 116	13	22
Di-n-butyl phthalate	200	193		ug/L		97	68 - 125	6	23
4,6-Dinitro-2-methylphenol	400	314		ug/L		79	43 - 135	6	50
2,4-Dinitrophenol	400	275		ug/L		69	43 - 129	8	22
2,4-Dinitrotoluene	200	169		ug/L		84	64 - 125	12	22
2,6-Dinitrotoluene	200	155		ug/L		78	58 - 124	14	22
Di-n-octyl phthalate	200	208		ug/L		104	66 - 134	4	24
1,2-Diphenylhydrazine(as Azobenzene)	200	173		ug/L		87	60 - 121	13	25
Fluoranthene	200	176		ug/L		88	69 - 124	6	23
Fluorene	200	160		ug/L		80	61 - 113	11	24
Hexachlorobenzene	200	149		ug/L		75	60 - 113	12	26
Hexachlorobutadiene	200	132		ug/L		66	15 - 101	4	53
Hexachlorocyclopentadiene	200	76.0		ug/L		38	10 - 100	10	52
Hexachloroethane	200	134		ug/L		67	10 - 100	2	64

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

Lab Sample ID: LCSD 640-111368/4-A
Matrix: Solid
Analysis Batch: 111414

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 111368

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Indeno[1,2,3-cd]pyrene			200	175		ug/L		88	62 - 132	11	28
Isophorone			200	170		ug/L		85	51 - 109	5	35
2-Methylnaphthalene			200	152		ug/L		76	43 - 105	4	39
1-Methylnaphthalene			200	151		ug/L		76	46 - 106	8	37
Naphthalene			200	152		ug/L		76	38 - 113	4	38
Nitrobenzene			200	151		ug/L		76	44 - 110	1	40
2-Nitrophenol			200	156		ug/L		78	41 - 116	1	46
4-Nitrophenol			400	368		ug/L		92	56 - 141	9	40
N-Nitrosodimethylamine			200	136		ug/L		68	27 - 126	2	54
N-Nitrosodi-n-propylamine			200	157		ug/L		79	47 - 109	11	35
N-Nitrosodiphenylamine			200	163		ug/L		82	63 - 119	13	29
Pentachlorophenol			400	287		ug/L		72	37 - 135	9	30
Phenanthrene			200	168		ug/L		84	67 - 120	12	23
Phenol			200	150		ug/L		75	38 - 110	6	43
Pyrene			200	177		ug/L		89	66 - 134	7	24
2,4,6-Trichlorophenol			200	159		ug/L		79	55 - 116	13	29

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*78*		*24 - 113*
2-Fluorophenol (Surr)	*67*		*12 - 105*
Nitrobenzene-d5 (Surr)	*76*		*26 - 107*
Phenol-d5 (Surr)	*68*		*17 - 111*
Terphenyl-d14 (Surr)	*79*		*36 - 127*
2,4,6-Tribromophenol (Surr)	*78*		*48 - 124*

Lab Sample ID: MB 680-346353/16-A
Matrix: Solid
Analysis Batch: 346880

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 346353

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.041	U	0.33	0.041	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Acenaphthylene	0.036	U	0.33	0.036	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Anthracene	0.025	U	0.33	0.025	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Benzo[a]anthracene	0.027	U	0.33	0.027	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Benzo[a]pyrene	0.052	U	0.33	0.052	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Benzo[b]fluoranthene	0.038	U	0.33	0.038	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Benzo[g,h,i]perylene	0.022	U	0.33	0.022	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Benzo[k]fluoranthene	0.065	U	0.33	0.065	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Bis(2-chloroethoxy)methane	0.039	U	0.33	0.039	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Bis(2-chloroethyl)ether	0.045	U	0.33	0.045	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
bis (2-chloroisopropyl) ether	0.030	U	0.33	0.030	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Bis(2-ethylhexyl) phthalate	0.029	U	0.33	0.029	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
4-Bromophenyl phenyl ether	0.036	U	0.33	0.036	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Butyl benzyl phthalate	0.026	U	0.33	0.026	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
4-Chloroaniline	0.052	U	0.66	0.052	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
4-Chloro-3-methylphenol	0.035	U	0.33	0.035	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
2-Chloronaphthalene	0.035	U	0.33	0.035	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
2-Chlorophenol	0.040	U	0.33	0.040	mg/Kg		08/28/14 21:32	09/02/14 13:53	1

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

Lab Sample ID: MB 680-346353/16-A
Matrix: Solid
Analysis Batch: 346880

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 346353

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	0.044	U	0.33	0.044	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Chrysene	0.021	U	0.33	0.021	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Dibenz(a,h)anthracene	0.039	U	0.33	0.039	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Dibenzofuran	0.033	U	0.33	0.033	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
3,3'-Dichlorobenzidine	0.028	U	0.66	0.028	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
2,4-Dichlorophenol	0.035	U	0.33	0.035	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Diethyl phthalate	0.037	U	0.33	0.037	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
2,4-Dimethylphenol	0.044	U	0.33	0.044	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Dimethyl phthalate	0.034	U	0.33	0.034	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Di-n-butyl phthalate	0.030	U	0.33	0.030	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
4,6-Dinitro-2-methylphenol	0.17	U	1.7	0.17	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
2,4-Dinitrophenol	0.83	U	1.7	0.83	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
2,4-Dinitrotoluene	0.049	U	0.33	0.049	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
2,6-Dinitrotoluene	0.042	U	0.33	0.042	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Di-n-octyl phthalate	0.029	U	0.33	0.029	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
1,2-Diphenylhydrazine(as Azobenzene)	0.034	U	0.33	0.034	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Fluoranthene	0.032	U	0.33	0.032	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Fluorene	0.036	U	0.33	0.036	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Hexachlorobenzene	0.039	U	0.33	0.039	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Hexachlorobutadiene	0.036	U	0.33	0.036	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Hexachlorocyclopentadiene	0.041	U	0.33	0.041	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Hexachloroethane	0.028	U	0.33	0.028	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Indeno[1,2,3-cd]pyrene	0.028	U	0.33	0.028	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Isophorone	0.033	U	0.33	0.033	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
2-Methylnaphthalene	0.038	U	0.33	0.038	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
1-Methylnaphthalene	0.031	U	0.33	0.031	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Naphthalene	0.030	U	0.33	0.030	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Nitrobenzene	0.026	U	0.33	0.026	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
2-Nitrophenol	0.041	U	0.33	0.041	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
4-Nitrophenol	0.33	U	1.7	0.33	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
N-Nitrosodimethylamine	0.12	U	0.33	0.12	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
N-Nitrosodi-n-propylamine	0.032	U	0.33	0.032	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
N-Nitrosodiphenylamine	0.033	U	0.33	0.033	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Pentachlorophenol	0.33	U	1.7	0.33	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Phenanthrene	0.027	U	0.33	0.027	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Phenol	0.034	U	0.33	0.034	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
Pyrene	0.027	U	0.33	0.027	mg/Kg		08/28/14 21:32	09/02/14 13:53	1
2,4,6-Trichlorophenol	0.029	U	0.33	0.029	mg/Kg		08/28/14 21:32	09/02/14 13:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*45 - 129*	*08/28/14 21:32*	*09/02/14 13:53*	*1*
2-Fluorobiphenyl	*79*		*41 - 116*	*08/28/14 21:32*	*09/02/14 13:53*	*1*
2-Fluorophenol (Surr)	*75*		*39 - 114*	*08/28/14 21:32*	*09/02/14 13:53*	*1*
Terphenyl-d14 (Surr)	*99*		*46 - 126*	*08/28/14 21:32*	*09/02/14 13:53*	*1*
Phenol-d5 (Surr)	*78*		*38 - 122*	*08/28/14 21:32*	*09/02/14 13:53*	*1*
Nitrobenzene-d5 (Surr)	*76*		*37 - 115*	*08/28/14 21:32*	*09/02/14 13:53*	*1*

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

Lab Sample ID: LCS 680-346353/17-A
Matrix: Solid
Analysis Batch: 346880

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 346353

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	3.33	2.37		mg/Kg		71	47 - 130
Acenaphthylene	3.33	2.72		mg/Kg		82	45 - 130
Anthracene	3.33	2.79		mg/Kg		84	50 - 130
Benzo[a]anthracene	3.33	3.11		mg/Kg		93	50 - 130
Benzo[a]pyrene	3.33	2.96		mg/Kg		89	47 - 131
Benzo[b]fluoranthene	3.33	2.91		mg/Kg		88	48 - 130
Benzo[g,h,i]perylene	3.33	2.90		mg/Kg		87	42 - 130
Benzo[k]fluoranthene	3.33	2.76		mg/Kg		83	48 - 108
Bis(2-chloroethoxy)methane	3.33	2.75		mg/Kg		83	47 - 130
Bis(2-chloroethyl)ether	3.33	2.72		mg/Kg		82	37 - 130
bis (2-chloroisopropyl) ether	3.33	2.65		mg/Kg		80	38 - 130
Bis(2-ethylhexyl) phthalate	3.33	3.24		mg/Kg		97	48 - 130
4-Bromophenyl phenyl ether	3.33	2.75		mg/Kg		83	53 - 130
Butyl benzyl phthalate	3.33	3.31		mg/Kg		99	53 - 134
4-Chloroaniline	3.33	1.98		mg/Kg		59	10 - 130
4-Chloro-3-methylphenol	3.33	2.96		mg/Kg		89	51 - 130
2-Chloronaphthalene	3.33	2.61		mg/Kg		78	48 - 130
2-Chlorophenol	3.33	2.71		mg/Kg		81	47 - 130
4-Chlorophenyl phenyl ether	3.33	2.80		mg/Kg		84	49 - 130
Chrysene	3.33	3.03		mg/Kg		91	47 - 130
Dibenz(a,h)anthracene	3.33	2.93		mg/Kg		88	44 - 130
Dibenzofuran	3.33	2.73		mg/Kg		82	49 - 130
3,3'-Dichlorobenzidine	3.33	2.93		mg/Kg		88	16 - 130
2,4-Dichlorophenol	3.33	2.81		mg/Kg		84	48 - 130
Diethyl phthalate	3.33	2.90		mg/Kg		87	49 - 130
2,4-Dimethylphenol	3.33	2.75		mg/Kg		82	43 - 130
Dimethyl phthalate	3.33	2.84		mg/Kg		85	50 - 130
Di-n-butyl phthalate	3.33	3.03		mg/Kg		91	52 - 130
4,6-Dinitro-2-methylphenol	6.66	5.29		mg/Kg		79	23 - 130
2,4-Dinitrophenol	6.66	2.74		mg/Kg		41	10 - 130
2,4-Dinitrotoluene	3.33	2.84		mg/Kg		85	49 - 111
2,6-Dinitrotoluene	3.33	2.94		mg/Kg		88	49 - 130
Di-n-octyl phthalate	3.33	3.34		mg/Kg		100	46 - 130
1,2-Diphenylhydrazine(as Azobenzene)	3.33	2.82		mg/Kg		85	44 - 130
Fluoranthene	3.33	2.88		mg/Kg		86	51 - 130
Fluorene	3.33	2.78		mg/Kg		83	52 - 130
Hexachlorobenzene	3.33	2.66		mg/Kg		80	53 - 130
Hexachlorobutadiene	3.33	2.65		mg/Kg		79	48 - 130
Hexachlorocyclopentadiene	3.33	2.62		mg/Kg		79	28 - 130
Hexachloroethane	3.33	2.51		mg/Kg		75	42 - 130
Indeno[1,2,3-cd]pyrene	3.33	3.11		mg/Kg		93	41 - 130
Isophorone	3.33	2.83		mg/Kg		85	48 - 130
2-Methylnaphthalene	3.33	2.65		mg/Kg		80	48 - 130
1-Methylnaphthalene	3.33	2.67		mg/Kg		80	48 - 130
Naphthalene	3.33	2.69		mg/Kg		81	47 - 130
Nitrobenzene	3.33	2.75		mg/Kg		82	45 - 130
2-Nitrophenol	3.33	2.73		mg/Kg		82	43 - 130

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

Lab Sample ID: LCS 680-346353/17-A
Matrix: Solid
Analysis Batch: 346880

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 346353

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Nitrophenol	6.66	6.01		mg/Kg		90	40 - 130
N-Nitrosodimethylamine	3.33	2.53		mg/Kg		76	33 - 130
N-Nitrosodi-n-propylamine	3.33	2.95		mg/Kg		89	38 - 130
N-Nitrosodiphenylamine	3.33	2.81		mg/Kg		84	50 - 130
Pentachlorophenol	6.66	5.58		mg/Kg		84	41 - 130
Phenanthrene	3.33	2.79		mg/Kg		84	52 - 130
Phenol	3.33	2.94		mg/Kg		88	47 - 130
Pyrene	3.33	3.01		mg/Kg		91	50 - 130
2,4,6-Trichlorophenol	3.33	2.74		mg/Kg		82	50 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*88*		*45 - 129*
2-Fluorobiphenyl	*78*		*41 - 116*
2-Fluorophenol (Surr)	*76*		*39 - 114*
Terphenyl-d14 (Surr)	*91*		*46 - 126*
Phenol-d5 (Surr)	*82*		*38 - 122*
Nitrobenzene-d5 (Surr)	*82*		*37 - 115*

Lab Sample ID: 680-104659-A-1-C MS
Matrix: Solid
Analysis Batch: 346880

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 346353

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	0.53	J3 U	4.31	1.63	I J3	mg/Kg	☼	38	58 - 130
Acenaphthylene	0.46	J3 U	4.31	1.84	I J3	mg/Kg	☼	43	58 - 130
Anthracene	0.32	J3 U	4.31	1.59	I J3	mg/Kg	☼	37	60 - 130
Benzo[a]anthracene	0.35	J3 U	4.31	1.49	I J3	mg/Kg	☼	35	62 - 130
Benzo[a]pyrene	0.67	J3 U	4.31	1.06	I J3	mg/Kg	☼	25	68 - 131
Benzo[b]fluoranthene	0.49	J3 U	4.31	1.28	I J3	mg/Kg	☼	30	53 - 130
Benzo[g,h,i]perylene	0.28	J3 U	4.31	0.945	I J3	mg/Kg	☼	22	54 - 130
Benzo[k]fluoranthene	0.84	J3 U	4.31	1.07	I J3	mg/Kg	☼	25	57 - 130
Bis(2-chloroethoxy)methane	0.50	J3 U	4.31	1.85	I J3	mg/Kg	☼	43	56 - 130
Bis(2-chloroethyl)ether	0.58	J3 U	4.31	1.69	I J3	mg/Kg	☼	39	42 - 130
bis (2-chloroisopropyl) ether	0.39	J3 U	4.31	1.79	I J3	mg/Kg	☼	41	44 - 130
Bis(2-ethylhexyl) phthalate	2.3	I J3	4.31	4.70	J3	mg/Kg	☼	56	62 - 132
4-Bromophenyl phenyl ether	0.46	J3 U	4.31	1.99	I J3	mg/Kg	☼	46	65 - 130
Butyl benzyl phthalate	0.34	J3 U	4.31	2.62	I J3	mg/Kg	☼	61	65 - 134
4-Chloroaniline	0.67	J3 U	4.31	0.747	I J3	mg/Kg	☼	17	36 - 130
4-Chloro-3-methylphenol	0.45	J3 U	4.31	1.70	I J3	mg/Kg	☼	40	52 - 130
2-Chloronaphthalene	0.45	J3 U	4.31	1.89	I J3	mg/Kg	☼	44	55 - 130
2-Chlorophenol	0.52	J3 U	4.31	1.80	I J3	mg/Kg	☼	42	51 - 130
4-Chlorophenyl phenyl ether	0.57	J3 U	4.31	1.97	I J3	mg/Kg	☼	46	61 - 130
Chrysene	0.27	J3 U	4.31	1.45	I J3	mg/Kg	☼	34	62 - 130
Dibenz(a,h)anthracene	0.50	J3 U	4.31	0.888	I J3	mg/Kg	☼	21	56 - 130
Dibenzofuran	0.43	J3 U	4.31	1.85	I J3	mg/Kg	☼	43	56 - 130
3,3'-Dichlorobenzidine	0.36	J3 U	4.31	0.635	I J3	mg/Kg	☼	15	45 - 130
2,4-Dichlorophenol	0.45	J3 U	4.31	1.83	I J3	mg/Kg	☼	43	53 - 130
Diethyl phthalate	0.48	J3 U	4.31	2.02	I J3	mg/Kg	☼	47	62 - 130

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

Lab Sample ID: 680-104659-A-1-C MS
Matrix: Solid
Analysis Batch: 346880

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 346353

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dimethylphenol	0.57	J3 U	4.31	1.68	I J3	mg/Kg	☼	39	47 - 130
Dimethyl phthalate	0.44	J3 U	4.31	2.06	I J3	mg/Kg	☼	48	63 - 130
Di-n-butyl phthalate	0.39	J3 U	4.31	2.31	I J3	mg/Kg	☼	54	65 - 130
4,6-Dinitro-2-methylphenol	2.2	J3 U	8.61	2.2	J3 U	mg/Kg	☼	0	14 - 137
2,4-Dinitrophenol	11	U	8.61	11	U	mg/Kg	☼	NC	10 - 154
2,4-Dinitrotoluene	0.63	J3 U	4.31	1.91	I J3	mg/Kg	☼	44	55 - 130
2,6-Dinitrotoluene	0.54	J3 U	4.31	1.61	I J3	mg/Kg	☼	37	57 - 130
Di-n-octyl phthalate	0.37	U	4.31	2.76	I	mg/Kg	☼	64	59 - 146
1,2-Diphenylhydrazine(as Azobenzene)			4.31	1.85	I	mg/Kg	☼		
Fluoranthene	0.41	J3 U	4.31	1.81	I J3	mg/Kg	☼	42	62 - 130
Fluorene	0.46	J3 U	4.31	1.89	I J3	mg/Kg	☼	44	58 - 130
Hexachlorobenzene	0.50	J3 U	4.31	1.97	I J3	mg/Kg	☼	46	59 - 130
Hexachlorobutadiene	0.46	J3 U	4.31	1.69	I J3	mg/Kg	☼	39	47 - 130
Hexachlorocyclopentadiene	0.53	J3 U	4.31	0.53	J3 U	mg/Kg	☼	0	35 - 130
Hexachloroethane	0.36	J3 U	4.31	1.28	I J3	mg/Kg	☼	30	44 - 130
Indeno[1,2,3-cd]pyrene	0.36	J3 U	4.31	0.998	I J3	mg/Kg	☼	23	52 - 130
Isophorone	0.43	J3 U	4.31	1.84	I J3	mg/Kg	☼	43	48 - 130
2-Methylnaphthalene	0.49	J3 U	4.31	1.95	I J3	mg/Kg	☼	45	55 - 130
1-Methylnaphthalene			4.31	2.01	I	mg/Kg	☼		
Naphthalene	0.39	J3 U	4.31	1.90	I J3	mg/Kg	☼	44	54 - 130
Nitrobenzene	0.34	J3 U	4.31	1.79	I J3	mg/Kg	☼	42	43 - 130
2-Nitrophenol	0.53	J3 U	4.31	1.70	I J3	mg/Kg	☼	40	45 - 130
4-Nitrophenol	4.3	J3 U	8.61	4.3	J3 U	mg/Kg	☼	0	30 - 130
N-Nitrosodimethylamine	1.5	J3 U	4.31	1.5	J3 U	mg/Kg	☼	0	31 - 130
N-Nitrosodi-n-propylamine	0.41	J3 U	4.31	1.95	I J3	mg/Kg	☼	45	48 - 130
N-Nitrosodiphenylamine	0.43	J3 U	4.31	1.98	I J3	mg/Kg	☼	46	62 - 130
Pentachlorophenol	4.3	J3 U	8.61	4.3	J3 U	mg/Kg	☼	0	38 - 131
Phenanthrene	0.35	J3 U	4.31	1.83	I J3	mg/Kg	☼	42	61 - 130
Phenol	0.44	J3 U	4.31	1.67	I J3	mg/Kg	☼	39	46 - 130
Pyrene	0.35	J3 U	4.31	1.78	I J3	mg/Kg	☼	41	59 - 130
2,4,6-Trichlorophenol	0.37	J3 U	4.31	1.72	I J3	mg/Kg	☼	40	53 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*0*	*J1*	*45 - 129*
2-Fluorobiphenyl	*0*	*J1*	*41 - 116*
2-Fluorophenol (Surr)	*0*	*J1*	*39 - 114*
Terphenyl-d14 (Surr)	*0*	*J1*	*46 - 126*
Phenol-d5 (Surr)	*0*	*J1*	*38 - 122*
Nitrobenzene-d5 (Surr)	*0*	*J1*	*37 - 115*

Lab Sample ID: 680-104659-A-1-D MSD
Matrix: Solid
Analysis Batch: 346880

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 346353

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	0.53	J3 U	4.30	1.64	I J3	mg/Kg	☼	38	58 - 130	0	50
Acenaphthylene	0.46	J3 U	4.30	1.94	I J3	mg/Kg	☼	45	58 - 130	5	50

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

Lab Sample ID: 680-104659-A-1-D MSD
Matrix: Solid
Analysis Batch: 346880

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 346353

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Anthracene	0.32	J3 U	4.30	1.82	I J3	mg/Kg	☼	42	60 - 130	14	50
Benzo[a]anthracene	0.35	J3 U	4.30	1.59	I J3	mg/Kg	☼	37	62 - 130	6	50
Benzo[a]pyrene	0.67	J3 U	4.30	1.07	I J3	mg/Kg	☼	25	68 - 131	1	50
Benzo[b]fluoranthene	0.49	J3 U	4.30	1.43	I J3	mg/Kg	☼	33	53 - 130	11	50
Benzo[g,h,i]perylene	0.28	J3 U	4.30	0.978	I J3	mg/Kg	☼	23	54 - 130	3	50
Benzo[k]fluoranthene	0.84	J3 U	4.30	1.12	I J3	mg/Kg	☼	26	57 - 130	5	50
Bis(2-chloroethoxy)methane	0.50	J3 U	4.30	1.96	I J3	mg/Kg	☼	46	56 - 130	6	50
Bis(2-chloroethyl)ether	0.58	J3 U	4.30	1.94	I	mg/Kg	☼	45	42 - 130	14	50
bis (2-chloroisopropyl) ether	0.39	J3 U	4.30	2.08	I	mg/Kg	☼	48	44 - 130	15	50
Bis(2-ethylhexyl) phthalate	2.3	I J3	4.30	4.69	J3	mg/Kg	☼	55	62 - 132	0	50
4-Bromophenyl phenyl ether	0.46	J3 U	4.30	2.06	I J3	mg/Kg	☼	48	65 - 130	4	50
Butyl benzyl phthalate	0.34	J3 U	4.30	2.53	I J3	mg/Kg	☼	59	65 - 134	4	50
4-Chloroaniline	0.67	J3 U	4.30	0.754	I J3	mg/Kg	☼	18	36 - 130	1	50
4-Chloro-3-methylphenol	0.45	J3 U	4.30	2.00	I J3	mg/Kg	☼	47	52 - 130	16	50
2-Chloronaphthalene	0.45	J3 U	4.30	1.91	I J3	mg/Kg	☼	44	55 - 130	1	50
2-Chlorophenol	0.52	J3 U	4.30	1.93	I J3	mg/Kg	☼	45	51 - 130	7	50
4-Chlorophenyl phenyl ether	0.57	J3 U	4.30	2.03	I J3	mg/Kg	☼	47	61 - 130	3	50
Chrysene	0.27	J3 U	4.30	1.46	I J3	mg/Kg	☼	34	62 - 130	1	50
Dibenz(a,h)anthracene	0.50	J3 U	4.30	0.980	I J3	mg/Kg	☼	23	56 - 130	10	50
Dibenzofuran	0.43	J3 U	4.30	2.03	I J3	mg/Kg	☼	47	56 - 130	9	50
3,3'-Dichlorobenzidine	0.36	J3 U	4.30	0.445	I J3	mg/Kg	☼	10	45 - 130	35	50
2,4-Dichlorophenol	0.45	J3 U	4.30	1.95	I J3	mg/Kg	☼	45	53 - 130	6	50
Diethyl phthalate	0.48	J3 U	4.30	2.12	I J3	mg/Kg	☼	49	62 - 130	5	50
2,4-Dimethylphenol	0.57	J3 U	4.30	2.01	I	mg/Kg	☼	47	47 - 130	18	50
Dimethyl phthalate	0.44	J3 U	4.30	2.08	I J3	mg/Kg	☼	48	63 - 130	1	50
Di-n-butyl phthalate	0.39	J3 U	4.30	2.39	I J3	mg/Kg	☼	56	65 - 130	3	50
4,6-Dinitro-2-methylphenol	2.2	J3 U	8.60	2.2	J3 U	mg/Kg	☼	0	14 - 137	NC	50
2,4-Dinitrophenol	11	U	8.60	11	U	mg/Kg	☼	NC	10 - 154	NC	50
2,4-Dinitrotoluene	0.63	J3 U	4.30	2.03	I J3	mg/Kg	☼	47	55 - 130	6	50
2,6-Dinitrotoluene	0.54	J3 U	4.30	1.85	I J3	mg/Kg	☼	43	57 - 130	14	50
Di-n-octyl phthalate	0.37	U	4.30	2.71	I	mg/Kg	☼	63	59 - 146	2	50
1,2-Diphenylhydrazine(as Azobenzene)			4.30	2.07	I	mg/Kg	☼				
Fluoranthene	0.41	J3 U	4.30	1.91	I J3	mg/Kg	☼	44	62 - 130	6	50
Fluorene	0.46	J3 U	4.30	1.98	I J3	mg/Kg	☼	46	58 - 130	5	50
Hexachlorobenzene	0.50	J3 U	4.30	2.06	I J3	mg/Kg	☼	48	59 - 130	5	50
Hexachlorobutadiene	0.46	J3 U	4.30	1.72	I J3	mg/Kg	☼	40	47 - 130	2	50
Hexachlorocyclopentadiene	0.53	J3 U	4.30	0.53	J3 U	mg/Kg	☼	0	35 - 130	NC	50
Hexachloroethane	0.36	J3 U	4.30	1.40	I J3	mg/Kg	☼	32	44 - 130	8	50
Indeno[1,2,3-cd]pyrene	0.36	J3 U	4.30	1.04	I J3	mg/Kg	☼	24	52 - 130	5	50
Isophorone	0.43	J3 U	4.30	1.99	I J3	mg/Kg	☼	46	48 - 130	8	50
2-Methylnaphthalene	0.49	J3 U	4.30	2.03	I J3	mg/Kg	☼	47	55 - 130	4	50
1-Methylnaphthalene			4.30	2.03	I	mg/Kg	☼				
Naphthalene	0.39	J3 U	4.30	1.96	I J3	mg/Kg	☼	46	54 - 130	3	50
Nitrobenzene	0.34	J3 U	4.30	1.86	I	mg/Kg	☼	43	43 - 130	4	50
2-Nitrophenol	0.53	J3 U	4.30	1.90	I J3	mg/Kg	☼	44	45 - 130	11	50
4-Nitrophenol	4.3	J3 U	8.60	4.3	J3 U	mg/Kg	☼	0	30 - 130	NC	50
N-Nitrosodimethylamine	1.5	J3 U	4.30	1.5	J3 U	mg/Kg	☼	0	31 - 130	NC	50

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

Lab Sample ID: 680-104659-A-1-D MSD
Matrix: Solid
Analysis Batch: 346880

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 346353

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
N-Nitrosodi-n-propylamine	0.41	J3 U	4.30	2.22	I	mg/Kg	☼	52	48 - 130	13	50
N-Nitrosodiphenylamine	0.43	J3 U	4.30	2.17	I J3	mg/Kg	☼	50	62 - 130	9	50
Pentachlorophenol	4.3	J3 U	8.60	4.3	J3 U	mg/Kg	☼	0	38 - 131	NC	50
Phenanthrene	0.35	J3 U	4.30	2.02	I J3	mg/Kg	☼	47	61 - 130	10	50
Phenol	0.44	J3 U	4.30	1.92	I J3	mg/Kg	☼	45	46 - 130	14	50
Pyrene	0.35	J3 U	4.30	1.87	I J3	mg/Kg	☼	43	59 - 130	5	50
2,4,6-Trichlorophenol	0.37	J3 U	4.30	2.07	I J3	mg/Kg	☼	48	53 - 130	19	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*0*	*J1*	*45 - 129*
2-Fluorobiphenyl	*0*	*J1*	*41 - 116*
2-Fluorophenol (Surr)	*0*	*J1*	*39 - 114*
Terphenyl-d14 (Surr)	*0*	*J1*	*46 - 126*
Phenol-d5 (Surr)	*0*	*J1*	*38 - 122*
Nitrobenzene-d5 (Surr)	*0*	*J1*	*37 - 115*

Lab Sample ID: MB 680-347583/10-A
Matrix: Solid
Analysis Batch: 347824

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347583

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.041	U	0.33	0.041	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Acenaphthylene	0.036	U	0.33	0.036	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Anthracene	0.025	U	0.33	0.025	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Benzo[a]anthracene	0.027	U	0.33	0.027	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Benzo[a]pyrene	0.052	U	0.33	0.052	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Benzo[b]fluoranthene	0.038	U	0.33	0.038	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Benzo[g,h,i]perylene	0.022	U	0.33	0.022	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Benzo[k]fluoranthene	0.065	U	0.33	0.065	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Bis(2-chloroethoxy)methane	0.039	U	0.33	0.039	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Bis(2-chloroethyl)ether	0.045	U	0.33	0.045	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
bis (2-chloroisopropyl) ether	0.030	U	0.33	0.030	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Bis(2-ethylhexyl) phthalate	0.029	U	0.33	0.029	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
4-Bromophenyl phenyl ether	0.036	U	0.33	0.036	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Butyl benzyl phthalate	0.026	U	0.33	0.026	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
4-Chloroaniline	0.052	U	0.66	0.052	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
4-Chloro-3-methylphenol	0.035	U	0.33	0.035	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
2-Chloronaphthalene	0.035	U	0.33	0.035	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
2-Chlorophenol	0.040	U	0.33	0.040	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
4-Chlorophenyl phenyl ether	0.044	U	0.33	0.044	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Chrysene	0.021	U	0.33	0.021	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Dibenz(a,h)anthracene	0.039	U	0.33	0.039	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Dibenzofuran	0.033	U	0.33	0.033	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
3,3'-Dichlorobenzidine	0.028	U	0.66	0.028	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
2,4-Dichlorophenol	0.035	U	0.33	0.035	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Diethyl phthalate	0.037	U	0.33	0.037	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
2,4-Dimethylphenol	0.044	U	0.33	0.044	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Dimethyl phthalate	0.034	U	0.33	0.034	mg/Kg		09/05/14 13:46	09/08/14 15:57	1

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

Lab Sample ID: MB 680-347583/10-A
Matrix: Solid
Analysis Batch: 347824

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347583

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	0.030	U	0.33	0.030	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
4,6-Dinitro-2-methylphenol	0.17	U	1.7	0.17	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
2,4-Dinitrophenol	0.83	U	1.7	0.83	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
2,4-Dinitrotoluene	0.049	U	0.33	0.049	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
2,6-Dinitrotoluene	0.042	U	0.33	0.042	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Di-n-octyl phthalate	0.029	U	0.33	0.029	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
1,2-Diphenylhydrazine(as Azobenzene)	0.034	U	0.33	0.034	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Fluoranthene	0.032	U	0.33	0.032	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Fluorene	0.036	U	0.33	0.036	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Hexachlorobenzene	0.039	U	0.33	0.039	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Hexachlorobutadiene	0.036	U	0.33	0.036	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Hexachlorocyclopentadiene	0.041	U	0.33	0.041	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Hexachloroethane	0.028	U	0.33	0.028	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Indeno[1,2,3-cd]pyrene	0.028	U	0.33	0.028	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Isophorone	0.033	U	0.33	0.033	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
2-Methylnaphthalene	0.038	U	0.33	0.038	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
1-Methylnaphthalene	0.031	U	0.33	0.031	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Naphthalene	0.030	U	0.33	0.030	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Nitrobenzene	0.026	U	0.33	0.026	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
2-Nitrophenol	0.041	U	0.33	0.041	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
4-Nitrophenol	0.33	U	1.7	0.33	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
N-Nitrosodimethylamine	0.12	U	0.33	0.12	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
N-Nitrosodi-n-propylamine	0.032	U	0.33	0.032	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
N-Nitrosodiphenylamine	0.033	U	0.33	0.033	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Pentachlorophenol	0.33	U	1.7	0.33	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Phenanthrene	0.027	U	0.33	0.027	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Phenol	0.034	U	0.33	0.034	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
Pyrene	0.027	U	0.33	0.027	mg/Kg		09/05/14 13:46	09/08/14 15:57	1
2,4,6-Trichlorophenol	0.029	U	0.33	0.029	mg/Kg		09/05/14 13:46	09/08/14 15:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*45 - 129*	*09/05/14 13:46*	*09/08/14 15:57*	*1*
2-Fluorobiphenyl	*72*		*41 - 116*	*09/05/14 13:46*	*09/08/14 15:57*	*1*
2-Fluorophenol (Surr)	*78*		*39 - 114*	*09/05/14 13:46*	*09/08/14 15:57*	*1*
Terphenyl-d14 (Surr)	*93*		*46 - 126*	*09/05/14 13:46*	*09/08/14 15:57*	*1*
Phenol-d5 (Surr)	*81*		*38 - 122*	*09/05/14 13:46*	*09/08/14 15:57*	*1*
Nitrobenzene-d5 (Surr)	*77*		*37 - 115*	*09/05/14 13:46*	*09/08/14 15:57*	*1*

Lab Sample ID: LCS 680-347583/11-A
Matrix: Solid
Analysis Batch: 347824

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347583

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	3.33	2.68		mg/Kg		80	47 - 130
Acenaphthylene	3.33	2.97		mg/Kg		89	45 - 130
Anthracene	3.33	3.27		mg/Kg		98	50 - 130
Benzo[a]anthracene	3.33	3.51		mg/Kg		105	50 - 130

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

Lab Sample ID: LCS 680-347583/11-A
Matrix: Solid
Analysis Batch: 347824

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347583

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo[a]pyrene	3.33	3.21		mg/Kg		96	47 - 131
Benzo[b]fluoranthene	3.33	3.06		mg/Kg		92	48 - 130
Benzo[g,h,i]perylene	3.33	3.39		mg/Kg		102	42 - 130
Benzo[k]fluoranthene	3.33	2.91		mg/Kg		87	48 - 108
Bis(2-chloroethoxy)methane	3.33	3.52		mg/Kg		105	47 - 130
Bis(2-chloroethyl)ether	3.33	3.09		mg/Kg		93	37 - 130
bis (2-chloroisopropyl) ether	3.33	3.16		mg/Kg		95	38 - 130
Bis(2-ethylhexyl) phthalate	3.33	3.60		mg/Kg		108	48 - 130
4-Bromophenyl phenyl ether	3.33	3.25		mg/Kg		97	53 - 130
Butyl benzyl phthalate	3.33	3.70		mg/Kg		111	53 - 134
4-Chloroaniline	3.33	2.57		mg/Kg		77	10 - 130
4-Chloro-3-methylphenol	3.33	3.46		mg/Kg		104	51 - 130
2-Chloronaphthalene	3.33	2.86		mg/Kg		86	48 - 130
2-Chlorophenol	3.33	2.96		mg/Kg		89	47 - 130
4-Chlorophenyl phenyl ether	3.33	3.00		mg/Kg		90	49 - 130
Chrysene	3.33	3.44		mg/Kg		103	47 - 130
Dibenz(a,h)anthracene	3.33	3.36		mg/Kg		101	44 - 130
Dibenzofuran	3.33	3.08		mg/Kg		92	49 - 130
3,3'-Dichlorobenzidine	3.33	3.19		mg/Kg		96	16 - 130
2,4-Dichlorophenol	3.33	3.18		mg/Kg		95	48 - 130
Diethyl phthalate	3.33	3.06		mg/Kg		92	49 - 130
2,4-Dimethylphenol	3.33	3.16		mg/Kg		95	43 - 130
Dimethyl phthalate	3.33	2.99		mg/Kg		90	50 - 130
Di-n-butyl phthalate	3.33	3.32		mg/Kg		100	52 - 130
4,6-Dinitro-2-methylphenol	6.67	4.75		mg/Kg		71	23 - 130
2,4-Dinitrophenol	6.67	2.56		mg/Kg		38	10 - 130
2,4-Dinitrotoluene	3.33	3.24		mg/Kg		97	49 - 111
2,6-Dinitrotoluene	3.33	3.33		mg/Kg		100	49 - 130
Di-n-octyl phthalate	3.33	3.77		mg/Kg		113	46 - 130
1,2-Diphenylhydrazine(as Azobenzene)	3.33	3.39		mg/Kg		102	44 - 130
Fluoranthene	3.33	3.31		mg/Kg		99	51 - 130
Fluorene	3.33	3.16		mg/Kg		95	52 - 130
Hexachlorobenzene	3.33	3.30		mg/Kg		99	53 - 130
Hexachlorobutadiene	3.33	2.82		mg/Kg		85	48 - 130
Hexachlorocyclopentadiene	3.33	2.70		mg/Kg		81	28 - 130
Hexachloroethane	3.33	2.76		mg/Kg		83	42 - 130
Indeno[1,2,3-cd]pyrene	3.33	3.85		mg/Kg		115	41 - 130
Isophorone	3.33	3.39		mg/Kg		102	48 - 130
2-Methylnaphthalene	3.33	3.16		mg/Kg		95	48 - 130
1-Methylnaphthalene	3.33	3.17		mg/Kg		95	48 - 130
Naphthalene	3.33	3.02		mg/Kg		91	47 - 130
Nitrobenzene	3.33	3.21		mg/Kg		96	45 - 130
2-Nitrophenol	3.33	3.07		mg/Kg		92	43 - 130
4-Nitrophenol	6.67	6.89		mg/Kg		103	40 - 130
N-Nitrosodimethylamine	3.33	3.01		mg/Kg		90	33 - 130
N-Nitrosodi-n-propylamine	3.33	3.66		mg/Kg		110	38 - 130
N-Nitrosodiphenylamine	3.33	3.11		mg/Kg		93	50 - 130

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

Lab Sample ID: LCS 680-347583/11-A
Matrix: Solid
Analysis Batch: 347824

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347583

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Pentachlorophenol	6.67	7.09		mg/Kg		106	41 - 130
Phenanthrene	3.33	3.25		mg/Kg		97	52 - 130
Phenol	3.33	3.38		mg/Kg		101	47 - 130
Pyrene	3.33	3.46		mg/Kg		104	50 - 130
2,4,6-Trichlorophenol	3.33	2.94		mg/Kg		88	50 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*110*		*45 - 129*
2-Fluorobiphenyl	*79*		*41 - 116*
2-Fluorophenol (Surr)	*87*		*39 - 114*
Terphenyl-d14 (Surr)	*99*		*46 - 126*
Phenol-d5 (Surr)	*95*		*38 - 122*
Nitrobenzene-d5 (Surr)	*90*		*37 - 115*

Lab Sample ID: 680-104804-D-6-C MS
Matrix: Solid
Analysis Batch: 347824

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 347583

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	0.91	J3 U	3.69	2.33	I	mg/Kg	☼	63	58 - 130
Acenaphthylene	0.80	J3 U	3.69	2.60	I	mg/Kg	☼	71	58 - 130
Anthracene	0.55	J3 U	3.69	2.46	I	mg/Kg	☼	67	60 - 130
Benzo[a]anthracene	0.60	J3 U	3.69	2.94	I	mg/Kg	☼	80	62 - 130
Benzo[a]pyrene	1.2	J3 U	3.69	2.34	I J3	mg/Kg	☼	63	68 - 131
Benzo[b]fluoranthene	0.84	U	3.69	2.47	I	mg/Kg	☼	67	53 - 130
Benzo[g,h,i]perylene	0.49	U	3.69	2.63	I	mg/Kg	☼	71	54 - 130
Benzo[k]fluoranthene	1.4	J3 U	3.69	2.49	I	mg/Kg	☼	68	57 - 130
Bis(2-chloroethoxy)methane	0.86	U	3.69	2.85	I	mg/Kg	☼	77	56 - 130
Bis(2-chloroethyl)ether	1.0	U	3.69	2.85	I	mg/Kg	☼	77	42 - 130
bis (2-chloroisopropyl) ether	0.66	U	3.69	3.02	I	mg/Kg	☼	82	44 - 130
Bis(2-ethylhexyl) phthalate	0.64	J3 U	3.69	2.59	I	mg/Kg	☼	70	62 - 132
4-Bromophenyl phenyl ether	0.80	J3 U	3.69	2.80	I	mg/Kg	☼	76	65 - 130
Butyl benzyl phthalate	0.58	J3 U	3.69	2.72	I	mg/Kg	☼	74	65 - 134
4-Chloroaniline	1.2	J3 U	3.69	1.45	I	mg/Kg	☼	39	36 - 130
4-Chloro-3-methylphenol	0.77	U	3.69	2.64	I	mg/Kg	☼	72	52 - 130
2-Chloronaphthalene	0.77	J3 U	3.69	2.53	I	mg/Kg	☼	69	55 - 130
2-Chlorophenol	0.88	J3 U	3.69	1.17	I J3	mg/Kg	☼	32	51 - 130
4-Chlorophenyl phenyl ether	0.97	J3 U	3.69	2.72	I	mg/Kg	☼	74	61 - 130
Chrysene	0.46	J3 U	3.69	2.61	I	mg/Kg	☼	71	62 - 130
Dibenz(a,h)anthracene	0.86	J3 U	3.69	2.41	I	mg/Kg	☼	66	56 - 130
Dibenzofuran	0.73	U	3.69	2.80	I	mg/Kg	☼	76	56 - 130
3,3'-Dichlorobenzidine	0.62	U	3.69	2.17	I	mg/Kg	☼	59	45 - 130
2,4-Dichlorophenol	0.77	J3 U	3.69	0.77	J3 U	mg/Kg	☼	0	53 - 130
Diethyl phthalate	0.82	J3 U	3.69	2.42	I	mg/Kg	☼	66	62 - 130
2,4-Dimethylphenol	0.97	U	3.69	2.70	I	mg/Kg	☼	73	47 - 130
Dimethyl phthalate	0.75	J3 U	3.69	2.51	I	mg/Kg	☼	68	63 - 130
Di-n-butyl phthalate	0.66	J3 U	3.69	2.33	I J3	mg/Kg	☼	63	65 - 130
4,6-Dinitro-2-methylphenol	3.8	J3 U	7.37	3.8	J3 U	mg/Kg	☼	0	14 - 137

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

Lab Sample ID: 680-104804-D-6-C MS
Matrix: Solid
Analysis Batch: 347824

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 347583

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrophenol	18	U	7.37	18	U	mg/Kg	☼	NC	10 - 154
2,4-Dinitrotoluene	1.1	J3 U	3.69	2.28	I	mg/Kg	☼	62	55 - 130
2,6-Dinitrotoluene	0.93	J3 U	3.69	2.06	I J3	mg/Kg	☼	56	57 - 130
Di-n-octyl phthalate	0.64	J3 U	3.69	2.51	I	mg/Kg	☼	68	59 - 146
1,2-Diphenylhydrazine(as Azobenzene)			3.69	2.73	I	mg/Kg	☼		
Fluoranthene	0.71	J3 U	3.69	2.71	I	mg/Kg	☼	74	62 - 130
Fluorene	0.80	J3 U	3.69	2.72	I	mg/Kg	☼	74	58 - 130
Hexachlorobenzene	0.86	J3 U	3.69	2.92	I	mg/Kg	☼	79	59 - 130
Hexachlorobutadiene	0.80	U	3.69	2.38	I	mg/Kg	☼	65	47 - 130
Hexachlorocyclopentadiene	0.91	J3 U	3.69	0.91	J3 U	mg/Kg	☼	0	35 - 130
Hexachloroethane	0.62	U	3.69	2.55	I	mg/Kg	☼	69	44 - 130
Indeno[1,2,3-cd]pyrene	0.62	U	3.69	2.89	I	mg/Kg	☼	78	52 - 130
Isophorone	0.73	U	3.69	2.74	I	mg/Kg	☼	74	48 - 130
2-Methylnaphthalene	0.84	U	3.69	2.57	I	mg/Kg	☼	70	55 - 130
1-Methylnaphthalene			3.69	2.58	I	mg/Kg	☼		
Naphthalene	0.66	U	3.69	2.61	I	mg/Kg	☼	71	54 - 130
Nitrobenzene	0.58	U	3.69	2.70	I	mg/Kg	☼	73	43 - 130
2-Nitrophenol	0.91	J3 U	3.69	0.91	J3 U	mg/Kg	☼	0	45 - 130
4-Nitrophenol	7.3	J3 U	7.37	7.3	J3 U	mg/Kg	☼	0	30 - 130
N-Nitrosodimethylamine			3.69	2.7	U	mg/Kg	☼		
N-Nitrosodi-n-propylamine	0.71	U	3.69	2.97	I	mg/Kg	☼	81	48 - 130
N-Nitrosodiphenylamine	0.73	J3 U	3.69	2.60	I	mg/Kg	☼	70	62 - 130
Pentachlorophenol			7.37	7.3	U	mg/Kg	☼		
Phenanthrene	0.60	J3 U	3.69	2.79	I	mg/Kg	☼	76	61 - 130
Phenol	0.75	U	3.69	2.71	I	mg/Kg	☼	74	46 - 130
Pyrene	0.60	U	3.69	2.92	I	mg/Kg	☼	79	59 - 130
2,4,6-Trichlorophenol	0.64	J3 U	3.69	0.64	J3 U	mg/Kg	☼	0	53 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*0*	*D1*	*45 - 129*
2-Fluorobiphenyl	*0*	*D1*	*41 - 116*
2-Fluorophenol (Surr)	*0*	*D1*	*39 - 114*
Terphenyl-d14 (Surr)	*0*	*D1*	*46 - 126*
Phenol-d5 (Surr)	*0*	*D1*	*38 - 122*
Nitrobenzene-d5 (Surr)	*0*	*D1*	*37 - 115*

Lab Sample ID: 680-104804-D-6-D MSD
Matrix: Solid
Analysis Batch: 347824

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 347583

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	0.91	J3 U	3.69	1.78	I J3	mg/Kg	☼	48	58 - 130	27	50
Acenaphthylene	0.80	J3 U	3.69	1.88	I J3	mg/Kg	☼	51	58 - 130	32	50
Anthracene	0.55	J3 U	3.69	1.90	I J3	mg/Kg	☼	52	60 - 130	26	50
Benzo[a]anthracene	0.60	J3 U	3.69	2.19	I J3	mg/Kg	☼	59	62 - 130	29	50
Benzo[a]pyrene	1.2	J3 U	3.69	1.75	I J3	mg/Kg	☼	48	68 - 131	29	50
Benzo[b]fluoranthene	0.84	U	3.69	2.03	I	mg/Kg	☼	55	53 - 130	20	50

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

Lab Sample ID: 680-104804-D-6-D MSD
Matrix: Solid
Analysis Batch: 347824

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 347583

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzo[g,h,i]perylene	0.49	U	3.69	2.01	I	mg/Kg	☼	54	54 - 130	27	50
Benzo[k]fluoranthene	1.4	J3 U	3.69	1.83	I J3	mg/Kg	☼	50	57 - 130	31	50
Bis(2-chloroethoxy)methane	0.86	U	3.69	2.28	I	mg/Kg	☼	62	56 - 130	22	50
Bis(2-chloroethyl)ether	1.0	U	3.69	2.08	I	mg/Kg	☼	56	42 - 130	31	50
bis (2-chloroisopropyl) ether	0.66	U	3.69	2.22	I	mg/Kg	☼	60	44 - 130	30	50
Bis(2-ethylhexyl) phthalate	0.64	J3 U	3.69	2.05	I J3	mg/Kg	☼	56	62 - 132	23	50
4-Bromophenyl phenyl ether	0.80	J3 U	3.69	2.07	I J3	mg/Kg	☼	56	65 - 130	30	50
Butyl benzyl phthalate	0.58	J3 U	3.69	2.18	I J3	mg/Kg	☼	59	65 - 134	22	50
4-Chloroaniline	1.2	J3 U	3.69	1.2	J3 U	mg/Kg	☼	0	36 - 130	NC	50
4-Chloro-3-methylphenol	0.77	U	3.69	1.98	I	mg/Kg	☼	54	52 - 130	28	50
2-Chloronaphthalene	0.77	J3 U	3.69	1.89	I J3	mg/Kg	☼	51	55 - 130	29	50
2-Chlorophenol	0.88	J3 U	3.69	0.990	I J3	mg/Kg	☼	27	51 - 130	17	50
4-Chlorophenyl phenyl ether	0.97	J3 U	3.69	2.07	I J3	mg/Kg	☼	56	61 - 130	27	50
Chrysene	0.46	J3 U	3.69	2.15	I J3	mg/Kg	☼	58	62 - 130	20	50
Dibenz(a,h)anthracene	0.86	J3 U	3.69	1.80	I J3	mg/Kg	☼	49	56 - 130	29	50
Dibenzofuran	0.73	U	3.69	2.14	I	mg/Kg	☼	58	56 - 130	27	50
3,3'-Dichlorobenzidine	0.62	U	3.69	2.03	I	mg/Kg	☼	55	45 - 130	7	50
2,4-Dichlorophenol	0.77	J3 U	3.69	0.77	J3 U	mg/Kg	☼	0	53 - 130	NC	50
Diethyl phthalate	0.82	J3 U	3.69	1.88	I J3	mg/Kg	☼	51	62 - 130	25	50
2,4-Dimethylphenol	0.97	U	3.69	1.94	I	mg/Kg	☼	53	47 - 130	33	50
Dimethyl phthalate	0.75	J3 U	3.69	1.99	I J3	mg/Kg	☼	54	63 - 130	23	50
Di-n-butyl phthalate	0.66	J3 U	3.69	1.80	I J3	mg/Kg	☼	49	65 - 130	26	50
4,6-Dinitro-2-methylphenol	3.8	J3 U	7.37	3.8	J3 U	mg/Kg	☼	0	14 - 137	NC	50
2,4-Dinitrophenol	18	U	7.37	18	U	mg/Kg	☼	NC	10 - 154	NC	50
2,4-Dinitrotoluene	1.1	J3 U	3.69	1.50	I J3	mg/Kg	☼	41	55 - 130	41	50
2,6-Dinitrotoluene	0.93	J3 U	3.69	1.36	I J3	mg/Kg	☼	37	57 - 130	41	50
Di-n-octyl phthalate	0.64	J3 U	3.69	1.87	I J3	mg/Kg	☼	51	59 - 146	29	50
1,2-Diphenylhydrazine(as Azobenzene)			3.69	2.06	I	mg/Kg	☼				
Fluoranthene	0.71	J3 U	3.69	2.10	I J3	mg/Kg	☼	57	62 - 130	25	50
Fluorene	0.80	J3 U	3.69	2.03	I J3	mg/Kg	☼	55	58 - 130	29	50
Hexachlorobenzene	0.86	J3 U	3.69	2.13	I J3	mg/Kg	☼	58	59 - 130	31	50
Hexachlorobutadiene	0.80	U	3.69	1.84	I	mg/Kg	☼	50	47 - 130	26	50
Hexachlorocyclopentadiene	0.91	J3 U	3.69	0.91	J3 U	mg/Kg	☼	0	35 - 130	NC	50
Hexachloroethane	0.62	U	3.69	1.87	I	mg/Kg	☼	51	44 - 130	31	50
Indeno[1,2,3-cd]pyrene	0.62	U	3.69	2.21	I	mg/Kg	☼	60	52 - 130	27	50
Isophorone	0.73	U	3.69	1.96	I	mg/Kg	☼	53	48 - 130	33	50
2-Methylnaphthalene	0.84	U	3.69	2.03	I	mg/Kg	☼	55	55 - 130	23	50
1-Methylnaphthalene			3.69	2.03	I	mg/Kg	☼				
Naphthalene	0.66	U	3.69	2.11	I	mg/Kg	☼	57	54 - 130	21	50
Nitrobenzene	0.58	U	3.69	1.95	I	mg/Kg	☼	53	43 - 130	32	50
2-Nitrophenol	0.91	J3 U	3.69	0.91	J3 U	mg/Kg	☼	0	45 - 130	NC	50
4-Nitrophenol	7.3	J3 U	7.37	7.3	J3 U	mg/Kg	☼	0	30 - 130	NC	50
N-Nitrosodimethylamine			3.69	2.7	U	mg/Kg	☼				
N-Nitrosodi-n-propylamine	0.71	U	3.69	2.21	I	mg/Kg	☼	60	48 - 130	29	50
N-Nitrosodiphenylamine	0.73	J3 U	3.69	2.05	I J3	mg/Kg	☼	56	62 - 130	23	50
Pentachlorophenol			7.37	7.3	U	mg/Kg	☼				
Phenanthrene	0.60	J3 U	3.69	2.20	I J3	mg/Kg	☼	60	61 - 130	23	50

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

Lab Sample ID: 680-104804-D-6-D MSD
Matrix: Solid
Analysis Batch: 347824

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 347583

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phenol	0.75	U	3.69	1.94	I	mg/Kg	☼	53	46 - 130	33	50
Pyrene	0.60	U	3.69	2.24	I	mg/Kg	☼	61	59 - 130	27	50
2,4,6-Trichlorophenol	0.64	J3 U	3.69	0.64	J3 U	mg/Kg	☼	0	53 - 130	NC	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*0*	*D1*	*45 - 129*
2-Fluorobiphenyl	*0*	*D1*	*41 - 116*
2-Fluorophenol (Surr)	*0*	*D1*	*39 - 114*
Terphenyl-d14 (Surr)	*0*	*D1*	*46 - 126*
Phenol-d5 (Surr)	*0*	*D1*	*38 - 122*
Nitrobenzene-d5 (Surr)	*0*	*D1*	*37 - 115*

Lab Sample ID: LB 640-111369/1-B
Matrix: Solid
Analysis Batch: 111414

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 111368

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.2	U	10	1.2	ug/L		09/02/14 19:00	09/04/14 07:01	1
Acenaphthylene	0.85	U	10	0.85	ug/L		09/02/14 19:00	09/04/14 07:01	1
Anthracene	0.86	U	10	0.86	ug/L		09/02/14 19:00	09/04/14 07:01	1
Benzo[a]anthracene	0.88	U	10	0.88	ug/L		09/02/14 19:00	09/04/14 07:01	1
Benzo[a]pyrene	0.89	U	10	0.89	ug/L		09/02/14 19:00	09/04/14 07:01	1
Benzo[b]fluoranthene	0.80	U	10	0.80	ug/L		09/02/14 19:00	09/04/14 07:01	1
Benzo[g,h,i]perylene	1.9	U	10	1.9	ug/L		09/02/14 19:00	09/04/14 07:01	1
Benzo[k]fluoranthene	0.86	U	10	0.86	ug/L		09/02/14 19:00	09/04/14 07:01	1
Bis(2-chloroethoxy)methane	0.96	U	10	0.96	ug/L		09/02/14 19:00	09/04/14 07:01	1
Bis(2-chloroethyl)ether	1.9	U	10	1.9	ug/L		09/02/14 19:00	09/04/14 07:01	1
bis (2-chloroisopropyl) ether	1.1	U	10	1.1	ug/L		09/02/14 19:00	09/04/14 07:01	1
Bis(2-ethylhexyl) phthalate	8.33	I V	10	2.5	ug/L		09/02/14 19:00	09/04/14 07:01	1
4-Bromophenyl phenyl ether	0.97	U	10	0.97	ug/L		09/02/14 19:00	09/04/14 07:01	1
Butyl benzyl phthalate	0.98	U	10	0.98	ug/L		09/02/14 19:00	09/04/14 07:01	1
4-Chloroaniline	1.7	U	20	1.7	ug/L		09/02/14 19:00	09/04/14 07:01	1
4-Chloro-3-methylphenol	1.1	U	10	1.1	ug/L		09/02/14 19:00	09/04/14 07:01	1
2-Chloronaphthalene	1.4	U	10	1.4	ug/L		09/02/14 19:00	09/04/14 07:01	1
2-Chlorophenol	1.6	U	10	1.6	ug/L		09/02/14 19:00	09/04/14 07:01	1
4-Chlorophenyl phenyl ether	1.5	U	10	1.5	ug/L		09/02/14 19:00	09/04/14 07:01	1
Chrysene	1.0	U	10	1.0	ug/L		09/02/14 19:00	09/04/14 07:01	1
Dibenz(a,h)anthracene	2.3	U	10	2.3	ug/L		09/02/14 19:00	09/04/14 07:01	1
Dibenzofuran	1.0	U	10	1.0	ug/L		09/02/14 19:00	09/04/14 07:01	1
3,3'-Dichlorobenzidine	6.8	U	20	6.8	ug/L		09/02/14 19:00	09/04/14 07:01	1
2,4-Dichlorophenol	3.3	U	10	3.3	ug/L		09/02/14 19:00	09/04/14 07:01	1
Diethyl phthalate	0.90	U	10	0.90	ug/L		09/02/14 19:00	09/04/14 07:01	1
2,4-Dimethylphenol	3.8	U	10	3.8	ug/L		09/02/14 19:00	09/04/14 07:01	1
Dimethyl phthalate	1.3	U	10	1.3	ug/L		09/02/14 19:00	09/04/14 07:01	1
Di-n-butyl phthalate	1.9	U	10	1.9	ug/L		09/02/14 19:00	09/04/14 07:01	1
4,6-Dinitro-2-methylphenol	1.0	U	50	1.0	ug/L		09/02/14 19:00	09/04/14 07:01	1
2,4-Dinitrophenol	3.1	U	50	3.1	ug/L		09/02/14 19:00	09/04/14 07:01	1
2,4-Dinitrotoluene	1.7	U	10	1.7	ug/L		09/02/14 19:00	09/04/14 07:01	1

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

Lab Sample ID: LB 640-111369/1-B
Matrix: Solid
Analysis Batch: 111414

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 111368

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	2.1	U	10	2.1	ug/L		09/02/14 19:00	09/04/14 07:01	1
Di-n-octyl phthalate	2.0	U	10	2.0	ug/L		09/02/14 19:00	09/04/14 07:01	1
1,2-Diphenylhydrazine(as Azobenzene)	0.99	U	10	0.99	ug/L		09/02/14 19:00	09/04/14 07:01	1
Fluoranthene	1.4	U	10	1.4	ug/L		09/02/14 19:00	09/04/14 07:01	1
Fluorene	0.90	U	10	0.90	ug/L		09/02/14 19:00	09/04/14 07:01	1
Hexachlorobenzene	1.0	U	10	1.0	ug/L		09/02/14 19:00	09/04/14 07:01	1
Hexachlorobutadiene	1.9	U	10	1.9	ug/L		09/02/14 19:00	09/04/14 07:01	1
Hexachlorocyclopentadiene	2.1	U	10	2.1	ug/L		09/02/14 19:00	09/04/14 07:01	1
Hexachloroethane	4.5	U	10	4.5	ug/L		09/02/14 19:00	09/04/14 07:01	1
Indeno[1,2,3-cd]pyrene	2.4	U	10	2.4	ug/L		09/02/14 19:00	09/04/14 07:01	1
Isophorone	0.85	U	10	0.85	ug/L		09/02/14 19:00	09/04/14 07:01	1
2-Methylnaphthalene	1.5	U	10	1.5	ug/L		09/02/14 19:00	09/04/14 07:01	1
1-Methylnaphthalene	2.6	U	10	2.6	ug/L		09/02/14 19:00	09/04/14 07:01	1
Naphthalene	1.4	U	10	1.4	ug/L		09/02/14 19:00	09/04/14 07:01	1
Nitrobenzene	1.6	U	10	1.6	ug/L		09/02/14 19:00	09/04/14 07:01	1
2-Nitrophenol	0.96	U	10	0.96	ug/L		09/02/14 19:00	09/04/14 07:01	1
4-Nitrophenol	2.1	U	50	2.1	ug/L		09/02/14 19:00	09/04/14 07:01	1
N-Nitrosodimethylamine	2.4	U	10	2.4	ug/L		09/02/14 19:00	09/04/14 07:01	1
N-Nitrosodi-n-propylamine	0.93	U	10	0.93	ug/L		09/02/14 19:00	09/04/14 07:01	1
N-Nitrosodiphenylamine	0.62	U	10	0.62	ug/L		09/02/14 19:00	09/04/14 07:01	1
Pentachlorophenol	1.1	U	50	1.1	ug/L		09/02/14 19:00	09/04/14 07:01	1
Phenanthrene	1.4	U	10	1.4	ug/L		09/02/14 19:00	09/04/14 07:01	1
Phenol	1.2	U	10	1.2	ug/L		09/02/14 19:00	09/04/14 07:01	1
Pyrene	1.0	U	10	1.0	ug/L		09/02/14 19:00	09/04/14 07:01	1
2,4,6-Trichlorophenol	1.2	U	10	1.2	ug/L		09/02/14 19:00	09/04/14 07:01	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*84*		*24 - 113*	*09/02/14 19:00*	*09/04/14 07:01*	*1*
2-Fluorophenol (Surr)	*82*		*12 - 105*	*09/02/14 19:00*	*09/04/14 07:01*	*1*
Nitrobenzene-d5 (Surr)	*76*		*26 - 107*	*09/02/14 19:00*	*09/04/14 07:01*	*1*
Phenol-d5 (Surr)	*80*		*17 - 111*	*09/02/14 19:00*	*09/04/14 07:01*	*1*
Terphenyl-d14 (Surr)	*90*		*36 - 127*	*09/02/14 19:00*	*09/04/14 07:01*	*1*
2,4,6-Tribromophenol (Surr)	*78*		*48 - 124*	*09/02/14 19:00*	*09/04/14 07:01*	*1*

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

Lab Sample ID: MB 640-111372/1-A
Matrix: Solid
Analysis Batch: 111377

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111372

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	U	0.10	0.013	ug/L		09/03/14 06:14	09/03/14 13:23	1
4,4'-DDE	0.013	U	0.10	0.013	ug/L		09/03/14 06:14	09/03/14 13:23	1
4,4'-DDT	0.013	U	0.10	0.013	ug/L		09/03/14 06:14	09/03/14 13:23	1
Aldrin	0.0020	U	0.050	0.0020	ug/L		09/03/14 06:14	09/03/14 13:23	1
alpha-BHC	0.0060	U	0.050	0.0060	ug/L		09/03/14 06:14	09/03/14 13:23	1

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

Lab Sample ID: MB 640-111372/1-A
Matrix: Solid
Analysis Batch: 111377

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111372

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC	0.013	U	0.050	0.013	ug/L		09/03/14 06:14	09/03/14 13:23	1
delta-BHC	0.013	U	0.050	0.013	ug/L		09/03/14 06:14	09/03/14 13:23	1
Dieldrin	0.0020	U	0.10	0.0020	ug/L		09/03/14 06:14	09/03/14 13:23	1
Endosulfan I	0.013	U	0.050	0.013	ug/L		09/03/14 06:14	09/03/14 13:23	1
Endosulfan II	0.013	U	0.10	0.013	ug/L		09/03/14 06:14	09/03/14 13:23	1
Endosulfan sulfate	0.013	U	0.10	0.013	ug/L		09/03/14 06:14	09/03/14 13:23	1
Endrin	0.013	U	0.10	0.013	ug/L		09/03/14 06:14	09/03/14 13:23	1
Endrin aldehyde	0.013	U	0.10	0.013	ug/L		09/03/14 06:14	09/03/14 13:23	1
Endrin ketone	0.013	U	0.10	0.013	ug/L		09/03/14 06:14	09/03/14 13:23	1
gamma-BHC (Lindane)	0.013	U	0.050	0.013	ug/L		09/03/14 06:14	09/03/14 13:23	1
Heptachlor	0.013	U	0.050	0.013	ug/L		09/03/14 06:14	09/03/14 13:23	1
Heptachlor epoxide	0.013	U	0.050	0.013	ug/L		09/03/14 06:14	09/03/14 13:23	1
Methoxychlor	0.013	U	0.50	0.013	ug/L		09/03/14 06:14	09/03/14 13:23	1
Chlordane (technical)	0.34	U	1.0	0.34	ug/L		09/03/14 06:14	09/03/14 13:23	1
Toxaphene	0.68	U	5.0	0.68	ug/L		09/03/14 06:14	09/03/14 13:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*92*		*20 - 142*	*09/03/14 06:14*	*09/03/14 13:23*	*1*
Tetrachloro-m-xylene	*94*		*22 - 134*	*09/03/14 06:14*	*09/03/14 13:23*	*1*

Lab Sample ID: LCS 640-111372/2-A
Matrix: Solid
Analysis Batch: 111377

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 111372

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.270	0.244		ug/L		90	50 - 130
4,4'-DDE	0.270	0.252		ug/L		93	50 - 130
4,4'-DDT	0.270	0.200		ug/L		74	36 - 140
Aldrin	0.270	0.278		ug/L		103	25 - 135
alpha-BHC	0.270	0.281		ug/L		104	47 - 130
beta-BHC	0.270	0.328		ug/L		121	50 - 142
delta-BHC	0.270	0.239		ug/L		89	54 - 124
Dieldrin	0.270	0.282		ug/L		104	30 - 146
Endosulfan I	0.270	0.250		ug/L		93	44 - 130
Endosulfan II	0.270	0.264		ug/L		98	47 - 130
Endosulfan sulfate	0.270	0.274		ug/L		101	50 - 139
Endrin	0.270	0.224		ug/L		83	38 - 140
Endrin aldehyde	0.270	0.297		ug/L		110	49 - 143
Endrin ketone	0.270	0.303		ug/L		112	39 - 144
gamma-BHC (Lindane)	0.270	0.277		ug/L		103	36 - 135
Heptachlor	0.270	0.275		ug/L		102	26 - 131
Heptachlor epoxide	0.270	0.294		ug/L		109	50 - 130
Methoxychlor	0.270	0.194	I	ug/L		72	48 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*97*		*20 - 142*

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

Lab Sample ID: LCS 640-111372/2-A
Matrix: Solid
Analysis Batch: 111377

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 111372

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	*93*		*22 - 134*

Lab Sample ID: LCSD 640-111372/3-A
Matrix: Solid
Analysis Batch: 111377

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 111372

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD			0.270	0.240		ug/L		89	50 - 130	2	30
4,4'-DDE			0.270	0.248		ug/L		92	50 - 130	1	30
4,4'-DDT			0.270	0.198		ug/L		73	36 - 140	1	24
Aldrin			0.270	0.277		ug/L		103	25 - 135	0	30
alpha-BHC			0.270	0.276		ug/L		102	47 - 130	2	30
beta-BHC			0.270	0.328		ug/L		121	50 - 142	0	30
delta-BHC			0.270	0.235		ug/L		87	54 - 124	2	30
Dieldrin			0.270	0.280		ug/L		104	30 - 146	1	30
Endosulfan I			0.270	0.247		ug/L		91	44 - 130	1	30
Endosulfan II			0.270	0.264		ug/L		98	47 - 130	0	30
Endosulfan sulfate			0.270	0.273		ug/L		101	50 - 139	0	30
Endrin			0.270	0.224		ug/L		83	38 - 140	0	32
Endrin aldehyde			0.270	0.299		ug/L		111	49 - 143	1	30
Endrin ketone			0.270	0.302		ug/L		112	39 - 144	1	30
gamma-BHC (Lindane)			0.270	0.275		ug/L		102	36 - 135	1	34
Heptachlor			0.270	0.281		ug/L		104	26 - 131	2	30
Heptachlor epoxide			0.270	0.291		ug/L		108	50 - 130	1	30
Methoxychlor			0.270	0.191	I	ug/L		71	48 - 144	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	*99*		*20 - 142*
Tetrachloro-m-xylene	*94*		*22 - 134*

Lab Sample ID: MB 680-346293/14-A
Matrix: Solid
Analysis Batch: 346447

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 346293

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.00018	U	0.0017	0.00018	mg/Kg		08/27/14 22:43	08/28/14 17:57	1
4,4'-DDE	0.00018	U	0.0017	0.00018	mg/Kg		08/27/14 22:43	08/28/14 17:57	1
4,4'-DDT	0.00022	U	0.0017	0.00022	mg/Kg		08/27/14 22:43	08/28/14 17:57	1
Aldrin	0.00015	U	0.0017	0.00015	mg/Kg		08/27/14 22:43	08/28/14 17:57	1
alpha-BHC	0.00014	U	0.0017	0.00014	mg/Kg		08/27/14 22:43	08/28/14 17:57	1
beta-BHC	0.00033	U	0.0017	0.00033	mg/Kg		08/27/14 22:43	08/28/14 17:57	1
Chlordane (technical)	0.0029	U	0.017	0.0029	mg/Kg		08/27/14 22:43	08/28/14 17:57	1
delta-BHC	0.00019	U	0.0017	0.00019	mg/Kg		08/27/14 22:43	08/28/14 17:57	1
Dieldrin	0.00017	U	0.0017	0.00017	mg/Kg		08/27/14 22:43	08/28/14 17:57	1
Endosulfan I	0.00017	U	0.0017	0.00017	mg/Kg		08/27/14 22:43	08/28/14 17:57	1
Endosulfan II	0.00015	U	0.0017	0.00015	mg/Kg		08/27/14 22:43	08/28/14 17:57	1

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

Lab Sample ID: MB 680-346293/14-A
Matrix: Solid
Analysis Batch: 346447

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 346293

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan sulfate	0.00021	U	0.0017	0.00021	mg/Kg		08/27/14 22:43	08/28/14 17:57	1
Endrin	0.00022	U	0.0017	0.00022	mg/Kg		08/27/14 22:43	08/28/14 17:57	1
Endrin aldehyde	0.00022	U	0.0017	0.00022	mg/Kg		08/27/14 22:43	08/28/14 17:57	1
Endrin ketone	0.00020	U	0.0017	0.00020	mg/Kg		08/27/14 22:43	08/28/14 17:57	1
gamma-BHC (Lindane)	0.00014	U	0.0017	0.00014	mg/Kg		08/27/14 22:43	08/28/14 17:57	1
Heptachlor	0.00019	U	0.0017	0.00019	mg/Kg		08/27/14 22:43	08/28/14 17:57	1
Heptachlor epoxide	0.00016	U	0.0017	0.00016	mg/Kg		08/27/14 22:43	08/28/14 17:57	1
Methoxychlor	0.00028	U	0.0017	0.00028	mg/Kg		08/27/14 22:43	08/28/14 17:57	1
Toxaphene	0.0055	U	0.17	0.0055	mg/Kg		08/27/14 22:43	08/28/14 17:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*101*		*54 - 133*	*08/27/14 22:43*	*08/28/14 17:57*	*1*
Tetrachloro-m-xylene	*79*		*46 - 130*	*08/27/14 22:43*	*08/28/14 17:57*	*1*

Lab Sample ID: LCS 680-346293/15-A
Matrix: Solid
Analysis Batch: 346447

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 346293

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.00666	0.00608		mg/Kg		91	46 - 135
4,4'-DDE	0.00666	0.00593		mg/Kg		89	45 - 130
4,4'-DDT	0.00666	0.00656		mg/Kg		98	45 - 144
Aldrin	0.00666	0.00588		mg/Kg		88	44 - 130
alpha-BHC	0.00666	0.00556		mg/Kg		84	42 - 130
beta-BHC	0.00666	0.00576		mg/Kg		87	48 - 131
delta-BHC	0.00666	0.00589		mg/Kg		88	49 - 130
Dieldrin	0.00666	0.00634		mg/Kg		95	47 - 130
Endosulfan I	0.00666	0.00591		mg/Kg		89	40 - 130
Endosulfan II	0.00666	0.00628		mg/Kg		94	45 - 130
Endosulfan sulfate	0.00666	0.00683		mg/Kg		103	50 - 142
Endrin	0.00666	0.00627		mg/Kg		94	46 - 155
Endrin aldehyde	0.00666	0.00655		mg/Kg		98	41 - 135
Endrin ketone	0.00666	0.00673		mg/Kg		101	43 - 153
gamma-BHC (Lindane)	0.00666	0.00569		mg/Kg		85	45 - 130
Heptachlor	0.00666	0.00602		mg/Kg		90	46 - 130
Heptachlor epoxide	0.00666	0.00616		mg/Kg		92	48 - 130
Methoxychlor	0.00666	0.00811		mg/Kg		122	43 - 166

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*105*		*54 - 133*
Tetrachloro-m-xylene	*82*		*46 - 130*

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

Lab Sample ID: 660-62441-13 MS
Matrix: Solid
Analysis Batch: 346447

Client Sample ID: Comp 7-4B
Prep Type: Total/NA
Prep Batch: 346293

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.00074	J3 U	0.0273	0.00600	I J3	mg/Kg	☼	22	46 - 135
4,4'-DDE	0.0028	I J3	0.0273	0.00666	I J3	mg/Kg	☼	14	45 - 130
4,4'-DDT	0.00090	J3 U	0.0273	0.00401	I J3	mg/Kg	☼	15	45 - 144
Aldrin	0.00062	J3 U	0.0273	0.00713	J3	mg/Kg	☼	26	44 - 130
alpha-BHC	0.00057	J3 U	0.0273	0.00645	I J3	mg/Kg	☼	24	42 - 130
beta-BHC	0.0014	J3 U	0.0273	0.00646	I J3	mg/Kg	☼	24	48 - 131
delta-BHC	0.00078	J3 U	0.0273	0.00655	I J3	mg/Kg	☼	24	49 - 130
Dieldrin	0.00070	J3 U	0.0273	0.00571	I J3	mg/Kg	☼	21	47 - 130
Endosulfan I	0.00070	J3 U	0.0273	0.00573	I J3	mg/Kg	☼	21	40 - 130
Endosulfan II	0.00062	J3 U	0.0273	0.00604	I J3	mg/Kg	☼	22	45 - 130
Endosulfan sulfate	0.00086	J3 U	0.0273	0.00649	I J3	mg/Kg	☼	24	50 - 142
Endrin	0.00090	J3 U	0.0273	0.00627	I J3	mg/Kg	☼	23	46 - 155
Endrin aldehyde	0.00090	J3 U	0.0273	0.00472	I J3	mg/Kg	☼	17	41 - 135
Endrin ketone	0.00082	J3 U	0.0273	0.00563	I J3	mg/Kg	☼	21	43 - 153
gamma-BHC (Lindane)	0.00057	J3 U	0.0273	0.00516	I J3	mg/Kg	☼	19	45 - 130
Heptachlor	0.00078	J3 U	0.0273	0.00549	I J3	mg/Kg	☼	20	46 - 130
Heptachlor epoxide	0.00066	J3 U	0.0273	0.00656	I J3	mg/Kg	☼	24	48 - 130
Methoxychlor	0.0011	J3 U	0.0273	0.00185	I J3	mg/Kg	☼	7	43 - 166

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*18*	*J1*	*54 - 133*
Tetrachloro-m-xylene	*19*	*J1*	*46 - 130*

Lab Sample ID: 660-62441-13 MSD
Matrix: Solid
Analysis Batch: 346447

Client Sample ID: Comp 7-4B
Prep Type: Total/NA
Prep Batch: 346293

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	0.00074	J3 U	0.0273	0.00496	I J3	mg/Kg	☼	18	46 - 135	19	50
4,4'-DDE	0.0028	I J3	0.0273	0.00583	I J3	mg/Kg	☼	11	45 - 130	13	50
4,4'-DDT	0.00090	J3 U	0.0273	0.00329	I J3	mg/Kg	☼	12	45 - 144	20	50
Aldrin	0.00062	J3 U	0.0273	0.00520	I J3	mg/Kg	☼	19	44 - 130	31	50
alpha-BHC	0.00057	J3 U	0.0273	0.00552	I J3	mg/Kg	☼	20	42 - 130	15	50
beta-BHC	0.0014	J3 U	0.0273	0.00533	I J3	mg/Kg	☼	20	48 - 131	19	50
delta-BHC	0.00078	J3 U	0.0273	0.00518	I J3	mg/Kg	☼	19	49 - 130	23	50
Dieldrin	0.00070	J3 U	0.0273	0.00497	I J3	mg/Kg	☼	18	47 - 130	14	50
Endosulfan I	0.00070	J3 U	0.0273	0.00481	I J3	mg/Kg	☼	18	40 - 130	17	50
Endosulfan II	0.00062	J3 U	0.0273	0.00493	I J3	mg/Kg	☼	18	45 - 130	20	50
Endosulfan sulfate	0.00086	J3 U	0.0273	0.00592	I J3	mg/Kg	☼	22	50 - 142	9	50
Endrin	0.00090	J3 U	0.0273	0.00527	I J3	mg/Kg	☼	19	46 - 155	17	50
Endrin aldehyde	0.00090	J3 U	0.0273	0.00401	I J3	mg/Kg	☼	15	41 - 135	16	50
Endrin ketone	0.00082	J3 U	0.0273	0.00492	I J3	mg/Kg	☼	18	43 - 153	13	50
gamma-BHC (Lindane)	0.00057	J3 U	0.0273	0.00435	I J3	mg/Kg	☼	16	45 - 130	17	50
Heptachlor	0.00078	J3 U	0.0273	0.00487	I J3	mg/Kg	☼	18	46 - 130	12	50
Heptachlor epoxide	0.00066	J3 U	0.0273	0.00554	I J3	mg/Kg	☼	20	48 - 130	17	50
Methoxychlor	0.0011	J3 U	0.0273	0.00376	I J3	mg/Kg	☼	14	43 - 166	68	50

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

Lab Sample ID: 660-62441-13 MSD
Matrix: Solid
Analysis Batch: 346447

Client Sample ID: Comp 7-4B
Prep Type: Total/NA
Prep Batch: 346293

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl	15	J1	54 - 133
Tetrachloro-m-xylene	15	J1	46 - 130

Lab Sample ID: LB 640-111369/1-C
Matrix: Solid
Analysis Batch: 111377

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 111372

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	U	0.096	0.013	ug/L		09/03/14 06:14	09/03/14 15:19	1
4,4'-DDE	0.013	U	0.096	0.013	ug/L		09/03/14 06:14	09/03/14 15:19	1
4,4'-DDT	0.013	U	0.096	0.013	ug/L		09/03/14 06:14	09/03/14 15:19	1
Aldrin	0.0019	U	0.048	0.0019	ug/L		09/03/14 06:14	09/03/14 15:19	1
alpha-BHC	0.0058	U	0.048	0.0058	ug/L		09/03/14 06:14	09/03/14 15:19	1
beta-BHC	0.013	U	0.048	0.013	ug/L		09/03/14 06:14	09/03/14 15:19	1
delta-BHC	0.013	U	0.048	0.013	ug/L		09/03/14 06:14	09/03/14 15:19	1
Dieldrin	0.0019	U	0.096	0.0019	ug/L		09/03/14 06:14	09/03/14 15:19	1
Endosulfan I	0.013	U	0.048	0.013	ug/L		09/03/14 06:14	09/03/14 15:19	1
Endosulfan II	0.013	U	0.096	0.013	ug/L		09/03/14 06:14	09/03/14 15:19	1
Endosulfan sulfate	0.013	U	0.096	0.013	ug/L		09/03/14 06:14	09/03/14 15:19	1
Endrin	0.013	U	0.096	0.013	ug/L		09/03/14 06:14	09/03/14 15:19	1
Endrin aldehyde	0.013	U	0.096	0.013	ug/L		09/03/14 06:14	09/03/14 15:19	1
Endrin ketone	0.013	U	0.096	0.013	ug/L		09/03/14 06:14	09/03/14 15:19	1
gamma-BHC (Lindane)	0.013	U	0.048	0.013	ug/L		09/03/14 06:14	09/03/14 15:19	1
Heptachlor	0.013	U	0.048	0.013	ug/L		09/03/14 06:14	09/03/14 15:19	1
Heptachlor epoxide	0.013	U	0.048	0.013	ug/L		09/03/14 06:14	09/03/14 15:19	1
Methoxychlor	0.013	U	0.48	0.013	ug/L		09/03/14 06:14	09/03/14 15:19	1
Chlordane (technical)	0.33	U	0.96	0.33	ug/L		09/03/14 06:14	09/03/14 15:19	1
Toxaphene	0.66	U	4.8	0.66	ug/L		09/03/14 06:14	09/03/14 15:19	1

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	100		20 - 142	09/03/14 06:14	09/03/14 15:19	1
Tetrachloro-m-xylene	107		22 - 134	09/03/14 06:14	09/03/14 15:19	1

Lab Sample ID: 660-62441-2 MS
Matrix: Solid
Analysis Batch: 111377

Client Sample ID: Comp-1-2 B
Prep Type: SPLP East
Prep Batch: 111372

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.012	U	0.541	0.434		ug/L		80	50 - 130
4,4'-DDE	0.012	U	0.541	0.297		ug/L		55	50 - 130
4,4'-DDT	0.012	U	0.541	0.403		ug/L		74	36 - 140
Aldrin	0.0019	U	0.541	0.507		ug/L		94	25 - 135
alpha-BHC	0.0058	U	0.541	0.575		ug/L		106	47 - 130
beta-BHC	0.012	U	0.541	0.427		ug/L		79	50 - 142
delta-BHC	0.012	U	0.541	0.556		ug/L		103	54 - 124
Dieldrin	0.0019	U	0.541	0.542		ug/L		100	30 - 146

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

Lab Sample ID: 660-62441-2 MS
Matrix: Solid
Analysis Batch: 111377

Client Sample ID: Comp-1-2 B
Prep Type: SPLP East
Prep Batch: 111372

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Endosulfan I	0.012	U	0.541	0.488		ug/L		90	44 - 130
Endosulfan II	0.012	U	0.541	0.542		ug/L		100	47 - 130
Endosulfan sulfate	0.012	U	0.541	0.466		ug/L		86	50 - 139
Endrin	0.012	U	0.541	0.469		ug/L		87	38 - 140
Endrin aldehyde	0.012	U	0.541	0.631		ug/L		117	49 - 143
Endrin ketone	0.012	U	0.541	0.640		ug/L		118	39 - 144
gamma-BHC (Lindane)	0.012	U	0.541	0.554		ug/L		102	36 - 135
Heptachlor	0.012	U	0.541	0.516		ug/L		95	26 - 131
Heptachlor epoxide	0.012	U	0.541	0.559		ug/L		103	50 - 130
Methoxychlor	0.012	U	0.541	0.442	I	ug/L		82	48 - 144

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*59*		*20 - 142*
Tetrachloro-m-xylene	*89*		*22 - 134*

Lab Sample ID: 660-62441-2 MSD
Matrix: Solid
Analysis Batch: 111377

Client Sample ID: Comp-1-2 B
Prep Type: SPLP East
Prep Batch: 111372

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	0.012	U	0.541	0.432		ug/L		80	50 - 130	0	30
4,4'-DDE	0.012	U	0.541	0.288		ug/L		53	50 - 130	3	30
4,4'-DDT	0.012	U	0.541	0.399		ug/L		74	36 - 140	1	24
Aldrin	0.0019	U	0.541	0.499		ug/L		92	25 - 135	2	30
alpha-BHC	0.0058	U	0.541	0.562		ug/L		104	47 - 130	2	30
beta-BHC	0.012	U	0.541	0.407		ug/L		75	50 - 142	5	30
delta-BHC	0.012	U	0.541	0.539		ug/L		100	54 - 124	3	30
Dieldrin	0.0019	U	0.541	0.520		ug/L		96	30 - 146	4	30
Endosulfan I	0.012	U	0.541	0.481		ug/L		89	44 - 130	1	30
Endosulfan II	0.012	U	0.541	0.522		ug/L		97	47 - 130	4	30
Endosulfan sulfate	0.012	U	0.541	0.475		ug/L		88	50 - 139	2	30
Endrin	0.012	U	0.541	0.453		ug/L		84	38 - 140	4	32
Endrin aldehyde	0.012	U	0.541	0.607		ug/L		112	49 - 143	4	30
Endrin ketone	0.012	U	0.541	0.617		ug/L		114	39 - 144	4	30
gamma-BHC (Lindane)	0.012	U	0.541	0.542		ug/L		100	36 - 135	2	34
Heptachlor	0.012	U	0.541	0.509		ug/L		94	26 - 131	1	30
Heptachlor epoxide	0.012	U	0.541	0.542		ug/L		100	50 - 130	3	30
Methoxychlor	0.012	U	0.541	0.426	I	ug/L		79	48 - 144	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*63*		*20 - 142*
Tetrachloro-m-xylene	*89*		*22 - 134*

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 680-347557/1-A
Matrix: Solid
Analysis Batch: 346639

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.0	U	10	6.0	mg/Kg			08/29/14 13:52	1
Sulfate	6.0	U	10	6.0	mg/Kg			08/29/14 13:52	1

Lab Sample ID: LCS 680-347557/2-A
Matrix: Solid
Analysis Batch: 346639

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			199	185		mg/Kg		93	75 - 125		
Sulfate			199	176		mg/Kg		88	75 - 125		

Lab Sample ID: LCSD 680-347557/3-A
Matrix: Solid
Analysis Batch: 346639

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			200	182		mg/Kg		91	75 - 125	2	30
Sulfate			200	171		mg/Kg		85	75 - 125	3	30

Lab Sample ID: 660-62441-7 MS
Matrix: Solid
Analysis Batch: 346639

Client Sample ID: Comp 6-1B
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	130	J3	200	278	J3	mg/Kg		72	75 - 125		
Sulfate	30	J3 U	200	138	J3	mg/Kg		69	75 - 125		

Lab Sample ID: 660-62441-7 MSD
Matrix: Solid
Analysis Batch: 346639

Client Sample ID: Comp 6-1B
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	130	J3	199	272	J3	mg/Kg		69	75 - 125	2	30
Sulfate	30	J3 U	199	135	J3	mg/Kg		68	75 - 125	2	30

Lab Sample ID: 660-62441-13 MS
Matrix: Solid
Analysis Batch: 346639

Client Sample ID: Comp 7-4B
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	320		199	518		mg/Kg		100	75 - 125		
Sulfate	30	U	199	218		mg/Kg		109	75 - 125		

Lab Sample ID: 660-62441-13 MSD
Matrix: Solid
Analysis Batch: 346639

Client Sample ID: Comp 7-4B
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	320		199	481		mg/Kg		82	75 - 125	7	30

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: 660-62441-13 MSD
Matrix: Solid
Analysis Batch: 346639

Client Sample ID: Comp 7-4B
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	30	U	199	194		mg/Kg		98	75 - 125	11	30

Lab Sample ID: 660-62441-1 DU
Matrix: Solid
Analysis Batch: 346639

Client Sample ID: Comp-1-1 B
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Chloride	800		578	J3	mg/Kg		32	30
Sulfate	30	U	30	U	mg/Kg		NC	30

Lab Sample ID: 660-62441-8 DU
Matrix: Solid
Analysis Batch: 346639

Client Sample ID: Comp 6-2B
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Chloride	330		376		mg/Kg		13	30
Sulfate	30	U	30	U	mg/Kg		NC	30

Lab Sample ID: MB 680-349031/1-A
Matrix: Solid
Analysis Batch: 349209

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.0	U	10	6.0	mg/Kg			09/16/14 13:43	1
Sulfate	6.0	U	10	6.0	mg/Kg			09/16/14 13:43	1

Lab Sample ID: LCS 680-349031/2-A
Matrix: Solid
Analysis Batch: 349209

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	200	200		mg/Kg		100	75 - 125
Sulfate	200	191		mg/Kg		96	75 - 125

Lab Sample ID: LCSD 680-349031/3-A
Matrix: Solid
Analysis Batch: 349209

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	198	198		mg/Kg		100	75 - 125	1	30
Sulfate	198	190		mg/Kg		96	75 - 125	1	30

Lab Sample ID: 660-62441-17 MS
Matrix: Solid
Analysis Batch: 349209

Client Sample ID: 1G
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	200		460	664		mg/Kg	☼	100	75 - 125
Sulfate	100	I	460	545		mg/Kg	☼	96	75 - 125

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: 660-62441-17 MSD
Matrix: Solid
Analysis Batch: 349209

Client Sample ID: 1G
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	200		466	662		mg/Kg	☼	98	75 - 125	0	30
Sulfate	100	I	466	541		mg/Kg	☼	94	75 - 125	1	30

Lab Sample ID: 660-62441-25 MS
Matrix: Solid
Analysis Batch: 349209

Client Sample ID: 3A
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	78	I	430	494		mg/Kg	☼	97	75 - 125
Sulfate	66	U	430	450		mg/Kg	☼	105	75 - 125

Lab Sample ID: 660-62441-25 MSD
Matrix: Solid
Analysis Batch: 349209

Client Sample ID: 3A
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	78	I	437	498		mg/Kg	☼	96	75 - 125	1	30
Sulfate	66	U	437	452		mg/Kg	☼	103	75 - 125	0	30

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 680-345878/1-A
Matrix: Solid
Analysis Batch: 347123

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 345878

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.045	U	0.090	0.045	mg/Kg		08/26/14 09:51	09/03/14 03:59	1
Arsenic	0.090	U	0.23	0.090	mg/Kg		08/26/14 09:51	09/03/14 03:59	1
Barium	0.12	U	0.45	0.12	mg/Kg		08/26/14 09:51	09/03/14 03:59	1
Beryllium	0.023	U	0.045	0.023	mg/Kg		08/26/14 09:51	09/03/14 03:59	1
Cadmium	0.011	U	0.045	0.011	mg/Kg		08/26/14 09:51	09/03/14 03:59	1
Chromium	0.23	U	0.45	0.23	mg/Kg		08/26/14 09:51	09/03/14 03:59	1
Copper	0.18	U	0.45	0.18	mg/Kg		08/26/14 09:51	09/03/14 03:59	1
Sodium	14	U	23	14	mg/Kg		08/26/14 09:51	09/03/14 03:59	1
Nickel	0.23	U	0.45	0.23	mg/Kg		08/26/14 09:51	09/03/14 03:59	1
Lead	0.090	U	0.18	0.090	mg/Kg		08/26/14 09:51	09/03/14 03:59	1
Antimony	0.45	U	0.90	0.45	mg/Kg		08/26/14 09:51	09/03/14 03:59	1
Selenium	0.23	U	0.45	0.23	mg/Kg		08/26/14 09:51	09/03/14 03:59	1
Thallium	0.023	U	0.090	0.023	mg/Kg		08/26/14 09:51	09/03/14 03:59	1
Zinc	0.50	U	1.8	0.50	mg/Kg		08/26/14 09:51	09/03/14 03:59	1

Lab Sample ID: LCS 680-345878/2-A
Matrix: Solid
Analysis Batch: 347123

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 345878

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	4.50	4.81		mg/Kg		107	75 - 125
Arsenic	9.01	9.35		mg/Kg		104	75 - 125
Barium	9.01	9.18		mg/Kg		102	75 - 125

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

Lab Sample ID: LCS 680-345878/2-A
Matrix: Solid
Analysis Batch: 347123

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 345878

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium	4.50	4.68		mg/Kg		104	75 - 125
Cadmium	4.50	4.73		mg/Kg		105	75 - 125
Chromium	9.01	9.02		mg/Kg		100	75 - 125
Copper	9.01	9.00		mg/Kg		100	75 - 125
Sodium	450	457		mg/Kg		101	75 - 125
Nickel	9.01	9.70		mg/Kg		108	75 - 125
Lead	4.50	4.65		mg/Kg		103	75 - 125
Antimony	4.50	4.68		mg/Kg		104	75 - 125
Selenium	9.01	9.51		mg/Kg		106	75 - 125
Thallium	3.60	3.66		mg/Kg		102	75 - 125
Zinc	9.01	9.31		mg/Kg		103	75 - 125

Lab Sample ID: 660-62441-1 MS
Matrix: Solid
Analysis Batch: 347123

Client Sample ID: Comp-1-1 B
Prep Type: Total/NA
Prep Batch: 345878

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	0.29	U	28.5	30.8		mg/Kg	☼	108	75 - 125
Arsenic	3.0		57.1	64.2		mg/Kg	☼	107	75 - 125
Barium	11		57.1	72.0		mg/Kg	☼	106	75 - 125
Beryllium	0.18	I	28.5	30.3		mg/Kg	☼	105	75 - 125
Cadmium	0.22	I	28.5	30.8		mg/Kg	☼	107	75 - 125
Chromium	10		57.1	71.9		mg/Kg	☼	108	75 - 125
Copper	8.8		57.1	67.8		mg/Kg	☼	103	75 - 125
Sodium	950		2850	3710		mg/Kg	☼	97	75 - 125
Nickel	4.9		57.1	68.3		mg/Kg	☼	111	75 - 125
Lead	27	J3	28.5	55.3		mg/Kg	☼	99	75 - 125
Antimony	2.9	J3 U	28.5	16.4	J3	mg/Kg	☼	58	75 - 125
Selenium	1.4	U	57.1	58.8		mg/Kg	☼	103	75 - 125
Thallium	0.14	I	22.8	23.2		mg/Kg	☼	102	75 - 125
Zinc	43	J3	57.1	98.9		mg/Kg	☼	98	75 - 125

Lab Sample ID: 660-62441-1 MSD
Matrix: Solid
Analysis Batch: 347123

Client Sample ID: Comp-1-1 B
Prep Type: Total/NA
Prep Batch: 345878

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	0.29	U	28.3	30.0		mg/Kg	☼	106	75 - 125	3	20
Arsenic	3.0		56.6	64.7		mg/Kg	☼	109	75 - 125	1	20
Barium	11		56.6	71.0		mg/Kg	☼	105	75 - 125	1	20
Beryllium	0.18	I	28.3	30.0		mg/Kg	☼	105	75 - 125	1	20
Cadmium	0.22	I	28.3	30.0		mg/Kg	☼	105	75 - 125	2	20
Chromium	10		56.6	72.3		mg/Kg	☼	109	75 - 125	1	20
Copper	8.8		56.6	73.0		mg/Kg	☼	113	75 - 125	7	20
Sodium	950		2830	4130		mg/Kg	☼	112	75 - 125	11	20
Nickel	4.9		56.6	69.0		mg/Kg	☼	113	75 - 125	1	20
Lead	27	J3	28.3	72.0	J3	mg/Kg	☼	159	75 - 125	26	20
Antimony	2.9	J3 U	28.3	16.2	J3	mg/Kg	☼	57	75 - 125	1	20
Selenium	1.4	U	56.6	58.5		mg/Kg	☼	103	75 - 125	1	20

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

Lab Sample ID: 660-62441-1 MSD
Matrix: Solid
Analysis Batch: 347123

Client Sample ID: Comp-1-1 B
Prep Type: Total/NA
Prep Batch: 345878

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Thallium	0.14	I	22.6	23.0		mg/Kg	☼	102	75 - 125	1	20
Zinc	43	J3	56.6	129	J3	mg/Kg	☼	153	75 - 125	27	20

Lab Sample ID: LB 680-348702/3-A
Matrix: Solid
Analysis Batch: 348758

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 348702

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 17:44	1
Arsenic	2.5	U	2.5	2.5	ug/L		09/12/14 15:52	09/12/14 17:44	1
Barium	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 17:44	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 17:44	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 17:44	1
Chromium	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 17:44	1
Copper	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 17:44	1
Nickel	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 17:44	1
Lead	1.5	U	1.5	1.5	ug/L		09/12/14 15:52	09/12/14 17:44	1
Antimony	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 17:44	1
Selenium	2.5	U	2.5	2.5	ug/L		09/12/14 15:52	09/12/14 17:44	1
Thallium	1.0	U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 17:44	1
Zinc	20	U	20	20	ug/L		09/12/14 15:52	09/12/14 17:44	1

Lab Sample ID: MB 680-348702/1-A
Matrix: Solid
Analysis Batch: 348758

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 348702

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 17:29	1
Arsenic	2.5	U	2.5	2.5	ug/L		09/12/14 15:52	09/12/14 17:29	1
Barium	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 17:29	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 17:29	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/12/14 15:52	09/12/14 17:29	1
Chromium	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 17:29	1
Copper	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 17:29	1
Nickel	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 17:29	1
Lead	1.5	U	1.5	1.5	ug/L		09/12/14 15:52	09/12/14 17:29	1
Antimony	5.0	U	5.0	5.0	ug/L		09/12/14 15:52	09/12/14 17:29	1
Selenium	2.5	U	2.5	2.5	ug/L		09/12/14 15:52	09/12/14 17:29	1
Thallium	1.0	U	1.0	1.0	ug/L		09/12/14 15:52	09/12/14 17:29	1
Zinc	20	U	20	20	ug/L		09/12/14 15:52	09/12/14 17:29	1

Lab Sample ID: LCS 680-348702/2-A
Matrix: Solid
Analysis Batch: 348758

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 348702

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	100	100		ug/L		100	75 - 125
Arsenic	200	193		ug/L		97	75 - 125
Barium	200	200		ug/L		100	75 - 125

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

Lab Sample ID: LCS 680-348702/2-A
Matrix: Solid
Analysis Batch: 348758

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 348702

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium	100	102		ug/L		102	75 - 125
Cadmium	100	98.8		ug/L		99	75 - 125
Chromium	200	198		ug/L		99	75 - 125
Copper	200	198		ug/L		99	75 - 125
Nickel	200	198		ug/L		99	75 - 125
Lead	100	101		ug/L		101	75 - 125
Antimony	100	100		ug/L		100	75 - 125
Selenium	200	189		ug/L		95	75 - 125
Thallium	80.0	78.7		ug/L		98	75 - 125
Zinc	200	197		ug/L		99	75 - 125

Lab Sample ID: 660-62441-10 MS
Matrix: Solid
Analysis Batch: 348758

Client Sample ID: Comp 7-1B
Prep Type: SPLP East
Prep Batch: 348702

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	1.0	J3 U	160	201	J3	ug/L		126	75 - 125
Arsenic	14	J3	160	209		ug/L		122	75 - 125
Barium	5.0	J3 U	160	216	J3	ug/L		135	75 - 125
Beryllium	0.50	J3 U	160	210	J3	ug/L		131	75 - 125
Cadmium	0.50	J3 U	160	204	J3	ug/L		128	75 - 125
Chromium	5.3	J3	160	203		ug/L		123	75 - 125
Copper	5.0	J3 U	160	203	J3	ug/L		127	75 - 125
Nickel	5.0	J3 U	160	200		ug/L		125	75 - 125
Lead	1.5	J3 U	160	204	J3	ug/L		128	75 - 125
Antimony	5.0	J3 U	160	206	J3	ug/L		129	75 - 125
Selenium	2.5	J3 U	160	200		ug/L		125	75 - 125
Thallium	1.0	J3 U	32.0	40.9	J3	ug/L		128	75 - 125
Zinc	20	J3 U	160	199		ug/L		125	75 - 125

Lab Sample ID: 660-62441-10 MSD
Matrix: Solid
Analysis Batch: 348758

Client Sample ID: Comp 7-1B
Prep Type: SPLP East
Prep Batch: 348702

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	1.0	J3 U	160	208	J3	ug/L		130	75 - 125	3	20
Arsenic	14	J3	160	230	J3	ug/L		135	75 - 125	10	20
Barium	5.0	J3 U	160	224	J3	ug/L		140	75 - 125	4	20
Beryllium	0.50	J3 U	160	217	J3	ug/L		136	75 - 125	4	20
Cadmium	0.50	J3 U	160	211	J3	ug/L		132	75 - 125	3	20
Chromium	5.3	J3	160	228	J3	ug/L		139	75 - 125	12	20
Copper	5.0	J3 U	160	227	J3	ug/L		142	75 - 125	11	20
Nickel	5.0	J3 U	160	222	J3	ug/L		139	75 - 125	11	20
Lead	1.5	J3 U	160	214	J3	ug/L		134	75 - 125	5	20
Antimony	5.0	J3 U	160	212	J3	ug/L		133	75 - 125	3	20
Selenium	2.5	J3 U	160	212	J3	ug/L		133	75 - 125	6	20
Thallium	1.0	J3 U	32.0	42.8	J3	ug/L		134	75 - 125	4	20
Zinc	20	J3 U	160	209	J3	ug/L		130	75 - 125	5	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-346841/1-A
Matrix: Solid
Analysis Batch: 347208

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 346841

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/02/14 09:24	09/03/14 09:42	1

Lab Sample ID: LCS 680-346841/2-A
Matrix: Solid
Analysis Batch: 347208

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 346841

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	2.50	2.57		ug/L		103	80 - 120

Lab Sample ID: LB 680-346266/1-C
Matrix: Solid
Analysis Batch: 347208

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 346841

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/02/14 09:24	09/03/14 09:48	1

Lab Sample ID: 660-62441-10 MS
Matrix: Solid
Analysis Batch: 347208

Client Sample ID: Comp 7-1B
Prep Type: SPLP East
Prep Batch: 346841

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.20	U	2.00	1.84		ug/L		92	80 - 120

Lab Sample ID: 660-62441-10 MSD
Matrix: Solid
Analysis Batch: 347208

Client Sample ID: Comp 7-1B
Prep Type: SPLP East
Prep Batch: 346841

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.20	U	2.00	1.80		ug/L		90	80 - 120	2	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 680-345959/13-A
Matrix: Solid
Analysis Batch: 346248

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 345959

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0080	U	0.020	0.0080	mg/Kg		08/26/14 13:39	08/27/14 14:47	1

Lab Sample ID: LCS 680-345959/14-A
Matrix: Solid
Analysis Batch: 346248

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 345959

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.231	0.229		mg/Kg		99	80 - 120

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: 680-104580-D-1-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 346248 — **Prep Batch: 345959**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.031		0.112	0.155		mg/Kg	☼	111	80 - 120

Lab Sample ID: 680-104580-D-1-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 346248 — **Prep Batch: 345959**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.031		0.121	0.160		mg/Kg	☼	107	80 - 120	3	20

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 680-346154/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 346328 — **Prep Batch: 346154**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	0.13	U	0.30	0.13	mg/Kg		08/27/14 08:39	08/28/14 08:32	1

Lab Sample ID: LCS 680-346154/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 346328 — **Prep Batch: 346154**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia (as N)	4.99	5.15		mg/Kg		103	75 - 125

Lab Sample ID: 660-62441-2 MS — **Client Sample ID: Comp-1-2 B**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 346328 — **Prep Batch: 346154**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia (as N)	39	J3	8.23	55.0	J3	mg/Kg	☼	194	75 - 125

Lab Sample ID: 660-62441-2 MSD — **Client Sample ID: Comp-1-2 B**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 346328 — **Prep Batch: 346154**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia (as N)	39	J3	8.23	58.1	J3	mg/Kg	☼	232	75 - 125	6	30

Lab Sample ID: 660-62441-14 DU — **Client Sample ID: 1D**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 346328 — **Prep Batch: 346154**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Ammonia (as N)	24		23.2		mg/Kg	☼	2	30

Method: 350.1 - Nitrogen, Ammonia (Continued)

Lab Sample ID: MB 680-346173/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 346327 — **Prep Batch: 346173**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	0.13	U	0.30	0.13	mg/Kg		08/27/14 08:39	08/27/14 17:41	1

Lab Sample ID: LCS 680-346173/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 346327 — **Prep Batch: 346173**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia (as N)	5.00	5.16		mg/Kg		103	75 - 125

Lab Sample ID: 680-104493-B-1-E MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 346327 — **Prep Batch: 346173**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia (as N)	1700	J3	104	1860	J3	mg/Kg	☼	141	75 - 125

Lab Sample ID: 680-104493-B-1-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 346327 — **Prep Batch: 346173**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia (as N)	1700	J3	105	1860	J3	mg/Kg	☼	139	75 - 125	0	30

Lab Sample ID: 680-104515-A-4-C DU — **Client Sample ID: Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 346327 — **Prep Batch: 346173**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Ammonia (as N)	14		14.8		mg/Kg		8	30

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 680-346906/2-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 347235 — **Prep Batch: 346906**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Kjeldahl Nitrogen	30	U	50	30	mg/Kg		09/02/14 16:09	09/03/14 13:32	1

Lab Sample ID: LCS 680-346906/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 347235 — **Prep Batch: 346906**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Kjeldahl Nitrogen	400	394		mg/Kg		98	75 - 125

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: 660-62441-1 MS
Matrix: Solid
Analysis Batch: 347235

Client Sample ID: Comp-1-1 B
Prep Type: Total/NA
Prep Batch: 346906

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Kjeldahl Nitrogen	7200	J3	2240	9890		mg/Kg	☼	118	75 - 125

Lab Sample ID: 660-62441-1 MSD
Matrix: Solid
Analysis Batch: 347235

Client Sample ID: Comp-1-1 B
Prep Type: Total/NA
Prep Batch: 346906

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Kjeldahl Nitrogen	7200	J3	2200	10000	J3	mg/Kg	☼	127	75 - 125	1	40

Lab Sample ID: 660-62441-2 DU
Matrix: Solid
Analysis Batch: 347235

Client Sample ID: Comp-1-2 B
Prep Type: Total/NA
Prep Batch: 346906

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Kjeldahl Nitrogen	1400		1420		mg/Kg	☼	0.3	40

Lab Sample ID: MB 680-346907/2-A
Matrix: Solid
Analysis Batch: 347235

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 346907

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Kjeldahl Nitrogen	30	U	50	30	mg/Kg		09/02/14 16:09	09/03/14 14:06	1

Lab Sample ID: LCS 680-346907/1-A
Matrix: Solid
Analysis Batch: 347235

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 346907

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Kjeldahl Nitrogen	400	364		mg/Kg		91	75 - 125

Lab Sample ID: 660-62441-21 MS
Matrix: Solid
Analysis Batch: 347235

Client Sample ID: 7F
Prep Type: Total/NA
Prep Batch: 346907

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Kjeldahl Nitrogen	11000	J3	3010	12700	J3	mg/Kg	☼	62	75 - 125

Lab Sample ID: 660-62441-21 MSD
Matrix: Solid
Analysis Batch: 347235

Client Sample ID: 7F
Prep Type: Total/NA
Prep Batch: 346907

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Kjeldahl Nitrogen	11000	J3	3270	14000		mg/Kg	☼	97	75 - 125	10	40

Lab Sample ID: 660-62441-22 DU
Matrix: Solid
Analysis Batch: 347372

Client Sample ID: 7G
Prep Type: Total/NA
Prep Batch: 346907

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Kjeldahl Nitrogen	4700		5200		mg/Kg	☼	9	40

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 680-346040/1-A
Matrix: Solid
Analysis Batch: 346241

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.55	U	2.0	0.55	mg/Kg			08/27/14 15:54	1

Lab Sample ID: LCS 680-346040/2-A
Matrix: Solid
Analysis Batch: 346241

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	20.0	20.9		mg/Kg		104	75 - 125

Lab Sample ID: 660-62441-21 MS
Matrix: Solid
Analysis Batch: 346241

Client Sample ID: 7F
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	4.8	U	177	172		mg/Kg	☼	97	75 - 125

Lab Sample ID: 660-62441-21 MSD
Matrix: Solid
Analysis Batch: 346241

Client Sample ID: 7F
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate Nitrite as N	4.8	U	177	172		mg/Kg	☼	97	75 - 125	0	30

Lab Sample ID: MB 680-346039/1-A
Matrix: Solid
Analysis Batch: 346411

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.55	U	2.0	0.55	mg/Kg			08/28/14 12:26	1

Lab Sample ID: LCS 680-346039/2-A
Matrix: Solid
Analysis Batch: 346411

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	20.0	21.6		mg/Kg		108	75 - 125

Lab Sample ID: 660-62441-1 MS
Matrix: Solid
Analysis Batch: 346411

Client Sample ID: Comp-1-1 B
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	3.3	U	121	125		mg/Kg	☼	103	75 - 125

Method: 353.2 - Nitrogen, Nitrate-Nitrite (Continued)

Lab Sample ID: 660-62441-1 MSD — **Client Sample ID: Comp-1-1 B**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 346411

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate Nitrite as N	3.3	U	121	123		mg/Kg	☼	102	75 - 125	2	30

Lab Sample ID: 660-62441-2 DU — **Client Sample ID: Comp-1-2 B**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 346411

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Nitrate Nitrite as N	0.91	U	0.91	U	mg/Kg	☼	NC	30

Method: 365.4 - Phosphorus, Total

Lab Sample ID: MB 680-346906/2-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 347234 — **Prep Batch: 346906**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Phosphorus as P	11	U	20	11	mg/Kg		09/02/14 16:09	09/03/14 13:32	1

Lab Sample ID: LCS 680-346906/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 347234 — **Prep Batch: 346906**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Phosphorus as P	400	432		mg/Kg		108	60 - 140

Lab Sample ID: 660-62441-1 MS — **Client Sample ID: Comp-1-1 B**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 347234 — **Prep Batch: 346906**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Phosphorus as P	2800		2240	4860		mg/Kg	☼	93	60 - 140

Lab Sample ID: 660-62441-1 MSD — **Client Sample ID: Comp-1-1 B**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 347234 — **Prep Batch: 346906**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Phosphorus as P	2800		2200	5050		mg/Kg	☼	103	60 - 140	4	40

Lab Sample ID: 660-62441-2 DU — **Client Sample ID: Comp-1-2 B**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 347234 — **Prep Batch: 346906**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Phosphorus as P	330		352		mg/Kg	☼	6	40

Method: 365.4 - Phosphorus, Total (Continued)

Lab Sample ID: MB 680-346907/2-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 347234 — **Prep Batch: 346907**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Phosphorus as P	11	U	20	11	mg/Kg		09/02/14 16:09	09/03/14 14:06	1

Lab Sample ID: LCS 680-346907/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 347234 — **Prep Batch: 346907**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Phosphorus as P	400	434		mg/Kg		108	60 - 140

Lab Sample ID: 660-62441-21 MS — **Client Sample ID: 7F**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 347234 — **Prep Batch: 346907**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Phosphorus as P	1200		3010	4630		mg/Kg	☼	114	60 - 140

Lab Sample ID: 660-62441-21 MSD — **Client Sample ID: 7F**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 347234 — **Prep Batch: 346907**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Phosphorus as P	1200		3270	5160		mg/Kg	☼	121	60 - 140	11	40

Lab Sample ID: 660-62441-22 DU — **Client Sample ID: 7G**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 347234 — **Prep Batch: 346907**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Phosphorus as P	470		527		mg/Kg	☼	12	40

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 680-346050/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 346181 — **Prep Batch: 346050**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.21	U	0.50	0.21	mg/Kg		08/27/14 08:10	08/27/14 12:16	1

Lab Sample ID: LCS 680-346050/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 346181 — **Prep Batch: 346050**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	5.00	4.90		mg/Kg		98	75 - 125

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: LCSD 680-346050/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 346181 — **Prep Batch: 346050**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total			5.00	5.05		mg/Kg		101	75 - 125	3	30

Lab Sample ID: 660-62441-3 MS — **Client Sample ID: Comp-1-3 B**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 346181 — **Prep Batch: 346050**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.90	U	21.2	20.5		mg/Kg	☼	97	75 - 125

Lab Sample ID: 660-62441-3 MSD — **Client Sample ID: Comp-1-3 B**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 346181 — **Prep Batch: 346050**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	0.90	U	21.2	20.6		mg/Kg	☼	97	75 - 125	1	30

Lab Sample ID: 660-62441-9 DU — **Client Sample ID: Comp 6-3B**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 346181 — **Prep Batch: 346050**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Total	1.2	U	1.35	I	mg/Kg	☼	NC	30

Method: 9065 - Phenolics, Total Recoverable

Lab Sample ID: MB 680-346541/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 346682 — **Prep Batch: 346541**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	0.25	U	1.0	0.25	mg/Kg		08/29/14 08:49	08/29/14 13:54	1

Lab Sample ID: LCS 680-346541/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 346682 — **Prep Batch: 346541**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenolics, Total Recoverable			1.20	0.836	I	mg/Kg		70	60 - 140

Lab Sample ID: 660-62441-1 MS — **Client Sample ID: Comp-1-1 B**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 346682 — **Prep Batch: 346541**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenolics, Total Recoverable	7.2	U	35.2	27.9	I	mg/Kg	☼	79	60 - 140

Method: 9065 - Phenolics, Total Recoverable (Continued)

Lab Sample ID: 660-62441-1 MSD
Matrix: Solid
Analysis Batch: 346682

Client Sample ID: Comp-1-1 B
Prep Type: Total/NA
Prep Batch: 346541

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phenolics, Total Recoverable	7.2	U	33.2	25.2	I	mg/Kg	☼	76	60 - 140	11	40

Lab Sample ID: 660-62441-2 MS
Matrix: Solid
Analysis Batch: 346682

Client Sample ID: Comp-1-2 B
Prep Type: Total/NA
Prep Batch: 346541

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenolics, Total Recoverable	2.0	U	9.74	7.34	I	mg/Kg	☼	75	60 - 140

Lab Sample ID: 660-62441-2 MSD
Matrix: Solid
Analysis Batch: 346682

Client Sample ID: Comp-1-2 B
Prep Type: Total/NA
Prep Batch: 346541

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phenolics, Total Recoverable	2.0	U	9.68	7.04	I	mg/Kg	☼	73	60 - 140	4	40

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Leach Batch: 346303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	SPLP	Solid	1312	
660-62441-2	Comp-1-2 B	SPLP	Solid	1312	
660-62441-3	Comp-1-3 B	SPLP	Solid	1312	
660-62441-4	Comp 3-1B	SPLP	Solid	1312	
660-62441-5	Comp 5-1B	SPLP	Solid	1312	
660-62441-5 MS	Comp 5-1B	SPLP	Solid	1312	
660-62441-5 MSD	Comp 5-1B	SPLP	Solid	1312	
660-62441-6	Comp 5-2B	SPLP	Solid	1312	
660-62441-7	Comp 6-1B	SPLP	Solid	1312	
660-62441-8	Comp 6-2B	SPLP	Solid	1312	
660-62441-9	Comp 6-3B	SPLP	Solid	1312	
660-62441-9 DU	Comp 6-3B	SPLP	Solid	1312	
LB 680-346303/1-A	Method Blank	SPLP	Solid	1312	

Leach Batch: 346510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-10	Comp 7-1B	SPLP	Solid	1312	
660-62441-11	Comp 7-2B	SPLP	Solid	1312	
660-62441-12	Comp 7-3B	SPLP	Solid	1312	
660-62441-13	Comp 7-4B	SPLP	Solid	1312	
660-62441-13 DU	Comp 7-4B	SPLP	Solid	1312	
LB 680-346510/1-A	Method Blank	SPLP	Solid	1312	

Analysis Batch: 346514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	Total/NA	Solid	8260B	346635
660-62441-2	Comp-1-2 B	Total/NA	Solid	8260B	346635
660-62441-3	Comp-1-3 B	Total/NA	Solid	8260B	346635
660-62441-4	Comp 3-1B	Total/NA	Solid	8260B	346635
660-62441-5	Comp 5-1B	Total/NA	Solid	8260B	346635
660-62441-6	Comp 5-2B	Total/NA	Solid	8260B	346635
660-62441-8	Comp 6-2B	Total/NA	Solid	8260B	346635
660-62441-9	Comp 6-3B	Total/NA	Solid	8260B	346635
660-62441-10	Comp 7-1B	Total/NA	Solid	8260B	346635
660-62441-11	Comp 7-2B	Total/NA	Solid	8260B	346635
660-62441-12	Comp 7-3B	Total/NA	Solid	8260B	346635
LCS 680-346514/5	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 680-346514/6	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 680-346514/9	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 346522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	SPLP	Solid	8260B	346303
660-62441-2	Comp-1-2 B	SPLP	Solid	8260B	346303
660-62441-3	Comp-1-3 B	SPLP	Solid	8260B	346303
660-62441-4	Comp 3-1B	SPLP	Solid	8260B	346303
660-62441-5	Comp 5-1B	SPLP	Solid	8260B	346303
660-62441-5 MS	Comp 5-1B	SPLP	Solid	8260B	346303
660-62441-5 MSD	Comp 5-1B	SPLP	Solid	8260B	346303
660-62441-6	Comp 5-2B	SPLP	Solid	8260B	346303
660-62441-7	Comp 6-1B	SPLP	Solid	8260B	346303

GC/MS VOA (Continued)

Analysis Batch: 346522 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-8	Comp 6-2B	SPLP	Solid	8260B	346303
660-62441-9	Comp 6-3B	SPLP	Solid	8260B	346303
660-62441-9 DU	Comp 6-3B	SPLP	Solid	8260B	346303
LB 680-346303/1-A	Method Blank	SPLP	Solid	8260B	346303
LCS 680-346522/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 680-346522/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 680-346522/7	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 346635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	Total/NA	Solid	5030B	
660-62441-2	Comp-1-2 B	Total/NA	Solid	5030B	
660-62441-3	Comp-1-3 B	Total/NA	Solid	5030B	
660-62441-4	Comp 3-1B	Total/NA	Solid	5030B	
660-62441-5	Comp 5-1B	Total/NA	Solid	5030B	
660-62441-6	Comp 5-2B	Total/NA	Solid	5030B	
660-62441-7	Comp 6-1B	Total/NA	Solid	5030B	
660-62441-8	Comp 6-2B	Total/NA	Solid	5030B	
660-62441-9	Comp 6-3B	Total/NA	Solid	5030B	
660-62441-10	Comp 7-1B	Total/NA	Solid	5030B	
660-62441-11	Comp 7-2B	Total/NA	Solid	5030B	
660-62441-12	Comp 7-3B	Total/NA	Solid	5030B	

Analysis Batch: 346737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-7	Comp 6-1B	Total/NA	Solid	8260B	346635
MB 680-346737/10	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 346789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-13	Comp 7-4B	Total/NA	Solid	8260B	346795
LCS 680-346789/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 680-346789/5	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 680-346789/8	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 346795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-13	Comp 7-4B	Total/NA	Solid	5030B	

Analysis Batch: 346815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-10	Comp 7-1B	SPLP	Solid	8260B	346510
660-62441-11	Comp 7-2B	SPLP	Solid	8260B	346510
660-62441-12	Comp 7-3B	SPLP	Solid	8260B	346510
660-62441-13	Comp 7-4B	SPLP	Solid	8260B	346510
660-62441-13 DU	Comp 7-4B	SPLP	Solid	8260B	346510
LB 680-346510/1-A	Method Blank	SPLP	Solid	8260B	346510
LCS 680-346815/22	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 680-346815/23	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 680-346815/8	Method Blank	Total/NA	Solid	8260B	

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Prep Batch: 111368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	SPLP East	Solid	3520C	111369
660-62441-2	Comp-1-2 B	SPLP East	Solid	3520C	111369
660-62441-3	Comp-1-3 B	SPLP East	Solid	3520C	111369
660-62441-4	Comp 3-1B	SPLP East	Solid	3520C	111369
660-62441-5	Comp 5-1B	SPLP East	Solid	3520C	111369
660-62441-6	Comp 5-2B	SPLP East	Solid	3520C	111369
660-62441-7	Comp 6-1B	SPLP East	Solid	3520C	111369
660-62441-8	Comp 6-2B	SPLP East	Solid	3520C	111369
660-62441-9	Comp 6-3B	SPLP East	Solid	3520C	111369
660-62441-10	Comp 7-1B	SPLP East	Solid	3520C	111369
660-62441-11	Comp 7-2B	SPLP East	Solid	3520C	111369
660-62441-12	Comp 7-3B	SPLP East	Solid	3520C	111369
660-62441-13	Comp 7-4B	SPLP East	Solid	3520C	111369
LB 640-111369/1-B	Method Blank	SPLP East	Solid	3520C	111369
LCS 640-111368/3-A	Lab Control Sample	Total/NA	Solid	3520C	
LCSD 640-111368/4-A	Lab Control Sample Dup	Total/NA	Solid	3520C	
MB 640-111368/1-A	Method Blank	Total/NA	Solid	3520C	

Leach Batch: 111369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	SPLP East	Solid	1312	
660-62441-2	Comp-1-2 B	SPLP East	Solid	1312	
660-62441-3	Comp-1-3 B	SPLP East	Solid	1312	
660-62441-4	Comp 3-1B	SPLP East	Solid	1312	
660-62441-5	Comp 5-1B	SPLP East	Solid	1312	
660-62441-6	Comp 5-2B	SPLP East	Solid	1312	
660-62441-7	Comp 6-1B	SPLP East	Solid	1312	
660-62441-8	Comp 6-2B	SPLP East	Solid	1312	
660-62441-9	Comp 6-3B	SPLP East	Solid	1312	
660-62441-10	Comp 7-1B	SPLP East	Solid	1312	
660-62441-11	Comp 7-2B	SPLP East	Solid	1312	
660-62441-12	Comp 7-3B	SPLP East	Solid	1312	
660-62441-13	Comp 7-4B	SPLP East	Solid	1312	
LB 640-111369/1-B	Method Blank	SPLP East	Solid	1312	

Analysis Batch: 111414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	SPLP East	Solid	8270D	111368
LB 640-111369/1-B	Method Blank	SPLP East	Solid	8270D	111368
LCS 640-111368/3-A	Lab Control Sample	Total/NA	Solid	8270D	111368
LCSD 640-111368/4-A	Lab Control Sample Dup	Total/NA	Solid	8270D	111368
MB 640-111368/1-A	Method Blank	Total/NA	Solid	8270D	111368

Analysis Batch: 111444

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-2	Comp-1-2 B	SPLP East	Solid	8270D	111368
660-62441-3	Comp-1-3 B	SPLP East	Solid	8270D	111368
660-62441-4	Comp 3-1B	SPLP East	Solid	8270D	111368
660-62441-5	Comp 5-1B	SPLP East	Solid	8270D	111368
660-62441-6	Comp 5-2B	SPLP East	Solid	8270D	111368
660-62441-7	Comp 6-1B	SPLP East	Solid	8270D	111368

GC/MS Semi VOA (Continued)

Analysis Batch: 111444 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-8	Comp 6-2B	SPLP East	Solid	8270D	111368
660-62441-9	Comp 6-3B	SPLP East	Solid	8270D	111368
660-62441-10	Comp 7-1B	SPLP East	Solid	8270D	111368
660-62441-11	Comp 7-2B	SPLP East	Solid	8270D	111368
660-62441-12	Comp 7-3B	SPLP East	Solid	8270D	111368
660-62441-13	Comp 7-4B	SPLP East	Solid	8270D	111368

Prep Batch: 346353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	Total/NA	Solid	3546	
660-62441-2	Comp-1-2 B	Total/NA	Solid	3546	
660-62441-3	Comp-1-3 B	Total/NA	Solid	3546	
660-62441-4	Comp 3-1B	Total/NA	Solid	3546	
660-62441-5	Comp 5-1B	Total/NA	Solid	3546	
660-62441-6	Comp 5-2B	Total/NA	Solid	3546	
660-62441-7	Comp 6-1B	Total/NA	Solid	3546	
660-62441-8	Comp 6-2B	Total/NA	Solid	3546	
660-62441-9	Comp 6-3B	Total/NA	Solid	3546	
660-62441-10	Comp 7-1B	Total/NA	Solid	3546	
660-62441-11	Comp 7-2B	Total/NA	Solid	3546	
660-62441-13	Comp 7-4B	Total/NA	Solid	3546	
680-104659-A-1-C MS	Matrix Spike	Total/NA	Solid	3546	
680-104659-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	
LCS 680-346353/17-A	Lab Control Sample	Total/NA	Solid	3546	
MB 680-346353/16-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 346880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	Total/NA	Solid	8270D	346353
660-62441-2	Comp-1-2 B	Total/NA	Solid	8270D	346353
660-62441-3	Comp-1-3 B	Total/NA	Solid	8270D	346353
660-62441-4	Comp 3-1B	Total/NA	Solid	8270D	346353
660-62441-5	Comp 5-1B	Total/NA	Solid	8270D	346353
660-62441-6	Comp 5-2B	Total/NA	Solid	8270D	346353
660-62441-7	Comp 6-1B	Total/NA	Solid	8270D	346353
660-62441-8	Comp 6-2B	Total/NA	Solid	8270D	346353
660-62441-9	Comp 6-3B	Total/NA	Solid	8270D	346353
660-62441-10	Comp 7-1B	Total/NA	Solid	8270D	346353
680-104659-A-1-C MS	Matrix Spike	Total/NA	Solid	8270D	346353
680-104659-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8270D	346353
LCS 680-346353/17-A	Lab Control Sample	Total/NA	Solid	8270D	346353
MB 680-346353/16-A	Method Blank	Total/NA	Solid	8270D	346353

Analysis Batch: 347177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-11	Comp 7-2B	Total/NA	Solid	8270D	346353
660-62441-13	Comp 7-4B	Total/NA	Solid	8270D	346353

Prep Batch: 347583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-12	Comp 7-3B	Total/NA	Solid	3546	

GC/MS Semi VOA (Continued)

Prep Batch: 347583 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-104804-D-6-C MS	Matrix Spike	Total/NA	Solid	3546	
680-104804-D-6-D MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	
LCS 680-347583/11-A	Lab Control Sample	Total/NA	Solid	3546	
MB 680-347583/10-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 347824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-12	Comp 7-3B	Total/NA	Solid	8270D	347583
680-104804-D-6-C MS	Matrix Spike	Total/NA	Solid	8270D	347583
680-104804-D-6-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8270D	347583
LCS 680-347583/11-A	Lab Control Sample	Total/NA	Solid	8270D	347583
MB 680-347583/10-A	Method Blank	Total/NA	Solid	8270D	347583

GC Semi VOA

Leach Batch: 111369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	SPLP East	Solid	1312	
660-62441-2	Comp-1-2 B	SPLP East	Solid	1312	
660-62441-2 MS	Comp-1-2 B	SPLP East	Solid	1312	
660-62441-2 MSD	Comp-1-2 B	SPLP East	Solid	1312	
660-62441-3	Comp-1-3 B	SPLP East	Solid	1312	
660-62441-4	Comp 3-1B	SPLP East	Solid	1312	
660-62441-5	Comp 5-1B	SPLP East	Solid	1312	
660-62441-6	Comp 5-2B	SPLP East	Solid	1312	
660-62441-7	Comp 6-1B	SPLP East	Solid	1312	
660-62441-8	Comp 6-2B	SPLP East	Solid	1312	
660-62441-9	Comp 6-3B	SPLP East	Solid	1312	
660-62441-10	Comp 7-1B	SPLP East	Solid	1312	
660-62441-11	Comp 7-2B	SPLP East	Solid	1312	
660-62441-12	Comp 7-3B	SPLP East	Solid	1312	
660-62441-13	Comp 7-4B	SPLP East	Solid	1312	
LB 640-111369/1-C	Method Blank	SPLP East	Solid	1312	

Prep Batch: 111372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	SPLP East	Solid	3511	111369
660-62441-2	Comp-1-2 B	SPLP East	Solid	3511	111369
660-62441-2 MS	Comp-1-2 B	SPLP East	Solid	3511	111369
660-62441-2 MSD	Comp-1-2 B	SPLP East	Solid	3511	111369
660-62441-3	Comp-1-3 B	SPLP East	Solid	3511	111369
660-62441-4	Comp 3-1B	SPLP East	Solid	3511	111369
660-62441-5	Comp 5-1B	SPLP East	Solid	3511	111369
660-62441-6	Comp 5-2B	SPLP East	Solid	3511	111369
660-62441-7	Comp 6-1B	SPLP East	Solid	3511	111369
660-62441-8	Comp 6-2B	SPLP East	Solid	3511	111369
660-62441-9	Comp 6-3B	SPLP East	Solid	3511	111369
660-62441-10	Comp 7-1B	SPLP East	Solid	3511	111369
660-62441-11	Comp 7-2B	SPLP East	Solid	3511	111369
660-62441-12	Comp 7-3B	SPLP East	Solid	3511	111369

GC Semi VOA (Continued)

Prep Batch: 111372 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-13	Comp 7-4B	SPLP East	Solid	3511	111369
LB 640-111369/1-C	Method Blank	SPLP East	Solid	3511	111369
LCS 640-111372/2-A	Lab Control Sample	Total/NA	Solid	3511	
LCSD 640-111372/3-A	Lab Control Sample Dup	Total/NA	Solid	3511	
MB 640-111372/1-A	Method Blank	Total/NA	Solid	3511	

Analysis Batch: 111377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	SPLP East	Solid	8081B/8082A	111372
660-62441-2	Comp-1-2 B	SPLP East	Solid	8081B/8082A	111372
660-62441-2 MS	Comp-1-2 B	SPLP East	Solid	8081B/8082A	111372
660-62441-2 MSD	Comp-1-2 B	SPLP East	Solid	8081B/8082A	111372
660-62441-3	Comp-1-3 B	SPLP East	Solid	8081B/8082A	111372
660-62441-4	Comp 3-1B	SPLP East	Solid	8081B/8082A	111372
660-62441-5	Comp 5-1B	SPLP East	Solid	8081B/8082A	111372
660-62441-6	Comp 5-2B	SPLP East	Solid	8081B/8082A	111372
660-62441-7	Comp 6-1B	SPLP East	Solid	8081B/8082A	111372
660-62441-8	Comp 6-2B	SPLP East	Solid	8081B/8082A	111372
660-62441-9	Comp 6-3B	SPLP East	Solid	8081B/8082A	111372
660-62441-10	Comp 7-1B	SPLP East	Solid	8081B/8082A	111372
660-62441-11	Comp 7-2B	SPLP East	Solid	8081B/8082A	111372
LB 640-111369/1-C	Method Blank	SPLP East	Solid	8081B/8082A	111372
LCS 640-111372/2-A	Lab Control Sample	Total/NA	Solid	8081B/8082A	111372
LCSD 640-111372/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B/8082A	111372
MB 640-111372/1-A	Method Blank	Total/NA	Solid	8081B/8082A	111372

Analysis Batch: 111409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-12	Comp 7-3B	SPLP East	Solid	8081B/8082A	111372
660-62441-13	Comp 7-4B	SPLP East	Solid	8081B/8082A	111372

Prep Batch: 346293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	Total/NA	Solid	3546	
660-62441-2	Comp-1-2 B	Total/NA	Solid	3546	
660-62441-3	Comp-1-3 B	Total/NA	Solid	3546	
660-62441-4	Comp 3-1B	Total/NA	Solid	3546	
660-62441-5	Comp 5-1B	Total/NA	Solid	3546	
660-62441-6	Comp 5-2B	Total/NA	Solid	3546	
660-62441-7	Comp 6-1B	Total/NA	Solid	3546	
660-62441-8	Comp 6-2B	Total/NA	Solid	3546	
660-62441-9	Comp 6-3B	Total/NA	Solid	3546	
660-62441-10	Comp 7-1B	Total/NA	Solid	3546	
660-62441-11	Comp 7-2B	Total/NA	Solid	3546	
660-62441-12	Comp 7-3B	Total/NA	Solid	3546	
660-62441-13	Comp 7-4B	Total/NA	Solid	3546	
660-62441-13 MS	Comp 7-4B	Total/NA	Solid	3546	
660-62441-13 MSD	Comp 7-4B	Total/NA	Solid	3546	
LCS 680-346293/15-A	Lab Control Sample	Total/NA	Solid	3546	
MB 680-346293/14-A	Method Blank	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Analysis Batch: 346447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	Total/NA	Solid	8081B/8082A	346293
660-62441-2	Comp-1-2 B	Total/NA	Solid	8081B/8082A	346293
660-62441-3	Comp-1-3 B	Total/NA	Solid	8081B/8082A	346293
660-62441-4	Comp 3-1B	Total/NA	Solid	8081B/8082A	346293
660-62441-5	Comp 5-1B	Total/NA	Solid	8081B/8082A	346293
660-62441-6	Comp 5-2B	Total/NA	Solid	8081B/8082A	346293
660-62441-7	Comp 6-1B	Total/NA	Solid	8081B/8082A	346293
660-62441-8	Comp 6-2B	Total/NA	Solid	8081B/8082A	346293
660-62441-9	Comp 6-3B	Total/NA	Solid	8081B/8082A	346293
660-62441-10	Comp 7-1B	Total/NA	Solid	8081B/8082A	346293
660-62441-11	Comp 7-2B	Total/NA	Solid	8081B/8082A	346293
660-62441-12	Comp 7-3B	Total/NA	Solid	8081B/8082A	346293
660-62441-13	Comp 7-4B	Total/NA	Solid	8081B/8082A	346293
660-62441-13 MS	Comp 7-4B	Total/NA	Solid	8081B/8082A	346293
660-62441-13 MSD	Comp 7-4B	Total/NA	Solid	8081B/8082A	346293
LCS 680-346293/15-A	Lab Control Sample	Total/NA	Solid	8081B/8082A	346293
MB 680-346293/14-A	Method Blank	Total/NA	Solid	8081B/8082A	346293

HPLC/IC

Analysis Batch: 346639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	Soluble	Solid	9056A	347557
660-62441-1 DU	Comp-1-1 B	Soluble	Solid	9056A	347557
660-62441-2	Comp-1-2 B	Soluble	Solid	9056A	347557
660-62441-3	Comp-1-3 B	Soluble	Solid	9056A	347557
660-62441-4	Comp 3-1B	Soluble	Solid	9056A	347557
660-62441-5	Comp 5-1B	Soluble	Solid	9056A	347557
660-62441-6	Comp 5-2B	Soluble	Solid	9056A	347557
660-62441-7	Comp 6-1B	Soluble	Solid	9056A	347557
660-62441-7 MS	Comp 6-1B	Soluble	Solid	9056A	347557
660-62441-7 MSD	Comp 6-1B	Soluble	Solid	9056A	347557
660-62441-8	Comp 6-2B	Soluble	Solid	9056A	347557
660-62441-8 DU	Comp 6-2B	Soluble	Solid	9056A	347557
660-62441-9	Comp 6-3B	Soluble	Solid	9056A	347557
660-62441-10	Comp 7-1B	Soluble	Solid	9056A	347557
660-62441-11	Comp 7-2B	Soluble	Solid	9056A	347557
660-62441-12	Comp 7-3B	Soluble	Solid	9056A	347557
660-62441-13	Comp 7-4B	Soluble	Solid	9056A	347557
660-62441-13 MS	Comp 7-4B	Soluble	Solid	9056A	347557
660-62441-13 MSD	Comp 7-4B	Soluble	Solid	9056A	347557
LCS 680-347557/2-A	Lab Control Sample	Soluble	Solid	9056A	347557
LCSD 680-347557/3-A	Lab Control Sample Dup	Soluble	Solid	9056A	347557
MB 680-347557/1-A	Method Blank	Soluble	Solid	9056A	347557

Leach Batch: 347557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	Soluble	Solid	DI Leach	
660-62441-1 DU	Comp-1-1 B	Soluble	Solid	DI Leach	
660-62441-2	Comp-1-2 B	Soluble	Solid	DI Leach	

HPLC/IC (Continued)

Leach Batch: 347557 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-3	Comp-1-3 B	Soluble	Solid	DI Leach	
660-62441-4	Comp 3-1B	Soluble	Solid	DI Leach	
660-62441-5	Comp 5-1B	Soluble	Solid	DI Leach	
660-62441-6	Comp 5-2B	Soluble	Solid	DI Leach	
660-62441-7	Comp 6-1B	Soluble	Solid	DI Leach	
660-62441-7 MS	Comp 6-1B	Soluble	Solid	DI Leach	
660-62441-7 MSD	Comp 6-1B	Soluble	Solid	DI Leach	
660-62441-8	Comp 6-2B	Soluble	Solid	DI Leach	
660-62441-8 DU	Comp 6-2B	Soluble	Solid	DI Leach	
660-62441-9	Comp 6-3B	Soluble	Solid	DI Leach	
660-62441-10	Comp 7-1B	Soluble	Solid	DI Leach	
660-62441-11	Comp 7-2B	Soluble	Solid	DI Leach	
660-62441-12	Comp 7-3B	Soluble	Solid	DI Leach	
660-62441-13	Comp 7-4B	Soluble	Solid	DI Leach	
660-62441-13 MS	Comp 7-4B	Soluble	Solid	DI Leach	
660-62441-13 MSD	Comp 7-4B	Soluble	Solid	DI Leach	
LCS 680-347557/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 680-347557/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
MB 680-347557/1-A	Method Blank	Soluble	Solid	DI Leach	

Leach Batch: 349031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-14	1D	Soluble	Solid	DI Leach	
660-62441-15	1E	Soluble	Solid	DI Leach	
660-62441-16	1F	Soluble	Solid	DI Leach	
660-62441-17	1G	Soluble	Solid	DI Leach	
660-62441-17 MS	1G	Soluble	Solid	DI Leach	
660-62441-17 MSD	1G	Soluble	Solid	DI Leach	
660-62441-18	5E	Soluble	Solid	DI Leach	
660-62441-19	6F	Soluble	Solid	DI Leach	
660-62441-20	6G	Soluble	Solid	DI Leach	
660-62441-21	7F	Soluble	Solid	DI Leach	
660-62441-22	7G	Soluble	Solid	DI Leach	
660-62441-23	7H	Soluble	Solid	DI Leach	
660-62441-24	7I	Soluble	Solid	DI Leach	
660-62441-25	3A	Soluble	Solid	DI Leach	
660-62441-25 MS	3A	Soluble	Solid	DI Leach	
660-62441-25 MSD	3A	Soluble	Solid	DI Leach	
660-62441-26	3B	Soluble	Solid	DI Leach	
660-62441-27	3C	Soluble	Solid	DI Leach	
LCS 680-349031/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 680-349031/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
MB 680-349031/1-A	Method Blank	Soluble	Solid	DI Leach	

Analysis Batch: 349209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-14	1D	Soluble	Solid	9056A	349031
660-62441-15	1E	Soluble	Solid	9056A	349031
660-62441-16	1F	Soluble	Solid	9056A	349031
660-62441-17	1G	Soluble	Solid	9056A	349031
660-62441-17 MS	1G	Soluble	Solid	9056A	349031

HPLC/IC (Continued)

Analysis Batch: 349209 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-17 MSD	1G	Soluble	Solid	9056A	349031
660-62441-18	5E	Soluble	Solid	9056A	349031
660-62441-19	6F	Soluble	Solid	9056A	349031
660-62441-20	6G	Soluble	Solid	9056A	349031
660-62441-21	7F	Soluble	Solid	9056A	349031
660-62441-22	7G	Soluble	Solid	9056A	349031
660-62441-23	7H	Soluble	Solid	9056A	349031
660-62441-24	7I	Soluble	Solid	9056A	349031
660-62441-25	3A	Soluble	Solid	9056A	349031
660-62441-25 MS	3A	Soluble	Solid	9056A	349031
660-62441-25 MSD	3A	Soluble	Solid	9056A	349031
660-62441-26	3B	Soluble	Solid	9056A	349031
660-62441-27	3C	Soluble	Solid	9056A	349031
LCS 680-349031/2-A	Lab Control Sample	Soluble	Solid	9056A	349031
LCSD 680-349031/3-A	Lab Control Sample Dup	Soluble	Solid	9056A	349031
MB 680-349031/1-A	Method Blank	Soluble	Solid	9056A	349031

Metals

Prep Batch: 345878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	Total/NA	Solid	3050B	
660-62441-1 MS	Comp-1-1 B	Total/NA	Solid	3050B	
660-62441-1 MSD	Comp-1-1 B	Total/NA	Solid	3050B	
660-62441-2	Comp-1-2 B	Total/NA	Solid	3050B	
660-62441-3	Comp-1-3 B	Total/NA	Solid	3050B	
660-62441-4	Comp 3-1B	Total/NA	Solid	3050B	
660-62441-5	Comp 5-1B	Total/NA	Solid	3050B	
660-62441-6	Comp 5-2B	Total/NA	Solid	3050B	
660-62441-7	Comp 6-1B	Total/NA	Solid	3050B	
660-62441-8	Comp 6-2B	Total/NA	Solid	3050B	
660-62441-9	Comp 6-3B	Total/NA	Solid	3050B	
660-62441-10	Comp 7-1B	Total/NA	Solid	3050B	
660-62441-11	Comp 7-2B	Total/NA	Solid	3050B	
660-62441-12	Comp 7-3B	Total/NA	Solid	3050B	
660-62441-13	Comp 7-4B	Total/NA	Solid	3050B	
LCS 680-345878/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 680-345878/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 345959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	Total/NA	Solid	7471A	
660-62441-2	Comp-1-2 B	Total/NA	Solid	7471A	
660-62441-3	Comp-1-3 B	Total/NA	Solid	7471A	
660-62441-4	Comp 3-1B	Total/NA	Solid	7471A	
660-62441-5	Comp 5-1B	Total/NA	Solid	7471A	
660-62441-6	Comp 5-2B	Total/NA	Solid	7471A	
660-62441-7	Comp 6-1B	Total/NA	Solid	7471A	
660-62441-8	Comp 6-2B	Total/NA	Solid	7471A	
660-62441-9	Comp 6-3B	Total/NA	Solid	7471A	

Metals (Continued)

Prep Batch: 345959 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-10	Comp 7-1B	Total/NA	Solid	7471A	
660-62441-11	Comp 7-2B	Total/NA	Solid	7471A	
660-62441-12	Comp 7-3B	Total/NA	Solid	7471A	
660-62441-13	Comp 7-4B	Total/NA	Solid	7471A	
680-104580-D-1-C MS	Matrix Spike	Total/NA	Solid	7471A	
680-104580-D-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	
LCS 680-345959/14-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 680-345959/13-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 346248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	Total/NA	Solid	7471A	345959
660-62441-2	Comp-1-2 B	Total/NA	Solid	7471A	345959
660-62441-3	Comp-1-3 B	Total/NA	Solid	7471A	345959
660-62441-4	Comp 3-1B	Total/NA	Solid	7471A	345959
660-62441-5	Comp 5-1B	Total/NA	Solid	7471A	345959
660-62441-6	Comp 5-2B	Total/NA	Solid	7471A	345959
660-62441-7	Comp 6-1B	Total/NA	Solid	7471A	345959
660-62441-8	Comp 6-2B	Total/NA	Solid	7471A	345959
660-62441-9	Comp 6-3B	Total/NA	Solid	7471A	345959
660-62441-10	Comp 7-1B	Total/NA	Solid	7471A	345959
660-62441-11	Comp 7-2B	Total/NA	Solid	7471A	345959
660-62441-12	Comp 7-3B	Total/NA	Solid	7471A	345959
660-62441-13	Comp 7-4B	Total/NA	Solid	7471A	345959
680-104580-D-1-C MS	Matrix Spike	Total/NA	Solid	7471A	345959
680-104580-D-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	345959
LCS 680-345959/14-A	Lab Control Sample	Total/NA	Solid	7471A	345959
MB 680-345959/13-A	Method Blank	Total/NA	Solid	7471A	345959

Leach Batch: 346266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	SPLP East	Solid	1312	
660-62441-2	Comp-1-2 B	SPLP East	Solid	1312	
660-62441-3	Comp-1-3 B	SPLP East	Solid	1312	
660-62441-4	Comp 3-1B	SPLP East	Solid	1312	
660-62441-5	Comp 5-1B	SPLP East	Solid	1312	
660-62441-6	Comp 5-2B	SPLP East	Solid	1312	
660-62441-7	Comp 6-1B	SPLP East	Solid	1312	
660-62441-8	Comp 6-2B	SPLP East	Solid	1312	
660-62441-9	Comp 6-3B	SPLP East	Solid	1312	
660-62441-10	Comp 7-1B	SPLP East	Solid	1312	
660-62441-10 MS	Comp 7-1B	SPLP East	Solid	1312	
660-62441-10 MSD	Comp 7-1B	SPLP East	Solid	1312	
660-62441-11	Comp 7-2B	SPLP East	Solid	1312	
660-62441-12	Comp 7-3B	SPLP East	Solid	1312	
660-62441-13	Comp 7-4B	SPLP East	Solid	1312	
LB 680-346266/1-C	Method Blank	SPLP East	Solid	1312	

Prep Batch: 346841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	SPLP East	Solid	7470A	346266

Metals (Continued)

Prep Batch: 346841 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-2	Comp-1-2 B	SPLP East	Solid	7470A	346266
660-62441-3	Comp-1-3 B	SPLP East	Solid	7470A	346266
660-62441-4	Comp 3-1B	SPLP East	Solid	7470A	346266
660-62441-5	Comp 5-1B	SPLP East	Solid	7470A	346266
660-62441-6	Comp 5-2B	SPLP East	Solid	7470A	346266
660-62441-7	Comp 6-1B	SPLP East	Solid	7470A	346266
660-62441-8	Comp 6-2B	SPLP East	Solid	7470A	346266
660-62441-9	Comp 6-3B	SPLP East	Solid	7470A	346266
660-62441-10	Comp 7-1B	SPLP East	Solid	7470A	346266
660-62441-10 MS	Comp 7-1B	SPLP East	Solid	7470A	346266
660-62441-10 MSD	Comp 7-1B	SPLP East	Solid	7470A	346266
660-62441-11	Comp 7-2B	SPLP East	Solid	7470A	346266
660-62441-12	Comp 7-3B	SPLP East	Solid	7470A	346266
660-62441-13	Comp 7-4B	SPLP East	Solid	7470A	346266
LB 680-346266/1-C	Method Blank	SPLP East	Solid	7470A	346266
LCS 680-346841/2-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 680-346841/1-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 347123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	Total/NA	Solid	6020A	345878
660-62441-1 MS	Comp-1-1 B	Total/NA	Solid	6020A	345878
660-62441-1 MSD	Comp-1-1 B	Total/NA	Solid	6020A	345878
660-62441-2	Comp-1-2 B	Total/NA	Solid	6020A	345878
660-62441-3	Comp-1-3 B	Total/NA	Solid	6020A	345878
660-62441-4	Comp 3-1B	Total/NA	Solid	6020A	345878
660-62441-5	Comp 5-1B	Total/NA	Solid	6020A	345878
660-62441-6	Comp 5-2B	Total/NA	Solid	6020A	345878
660-62441-7	Comp 6-1B	Total/NA	Solid	6020A	345878
660-62441-8	Comp 6-2B	Total/NA	Solid	6020A	345878
660-62441-9	Comp 6-3B	Total/NA	Solid	6020A	345878
660-62441-10	Comp 7-1B	Total/NA	Solid	6020A	345878
660-62441-11	Comp 7-2B	Total/NA	Solid	6020A	345878
660-62441-12	Comp 7-3B	Total/NA	Solid	6020A	345878
660-62441-13	Comp 7-4B	Total/NA	Solid	6020A	345878
LCS 680-345878/2-A	Lab Control Sample	Total/NA	Solid	6020A	345878
MB 680-345878/1-A	Method Blank	Total/NA	Solid	6020A	345878

Analysis Batch: 347208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	SPLP East	Solid	7470A	346841
660-62441-2	Comp-1-2 B	SPLP East	Solid	7470A	346841
660-62441-3	Comp-1-3 B	SPLP East	Solid	7470A	346841
660-62441-4	Comp 3-1B	SPLP East	Solid	7470A	346841
660-62441-5	Comp 5-1B	SPLP East	Solid	7470A	346841
660-62441-6	Comp 5-2B	SPLP East	Solid	7470A	346841
660-62441-7	Comp 6-1B	SPLP East	Solid	7470A	346841
660-62441-8	Comp 6-2B	SPLP East	Solid	7470A	346841
660-62441-9	Comp 6-3B	SPLP East	Solid	7470A	346841
660-62441-10	Comp 7-1B	SPLP East	Solid	7470A	346841
660-62441-10 MS	Comp 7-1B	SPLP East	Solid	7470A	346841

Metals (Continued)

Analysis Batch: 347208 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-10 MSD	Comp 7-1B	SPLP East	Solid	7470A	346841
660-62441-11	Comp 7-2B	SPLP East	Solid	7470A	346841
660-62441-12	Comp 7-3B	SPLP East	Solid	7470A	346841
660-62441-13	Comp 7-4B	SPLP East	Solid	7470A	346841
LB 680-346266/1-C	Method Blank	SPLP East	Solid	7470A	346841
LCS 680-346841/2-A	Lab Control Sample	Total/NA	Solid	7470A	346841
MB 680-346841/1-A	Method Blank	Total/NA	Solid	7470A	346841

Prep Batch: 348702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	SPLP East	Solid	3010A	346266
660-62441-2	Comp-1-2 B	SPLP East	Solid	3010A	346266
660-62441-3	Comp-1-3 B	SPLP East	Solid	3010A	346266
660-62441-4	Comp 3-1B	SPLP East	Solid	3010A	346266
660-62441-5	Comp 5-1B	SPLP East	Solid	3010A	346266
660-62441-6	Comp 5-2B	SPLP East	Solid	3010A	346266
660-62441-7	Comp 6-1B	SPLP East	Solid	3010A	346266
660-62441-8	Comp 6-2B	SPLP East	Solid	3010A	346266
660-62441-9	Comp 6-3B	SPLP East	Solid	3010A	346266
660-62441-10	Comp 7-1B	SPLP East	Solid	3010A	346266
660-62441-10 MS	Comp 7-1B	SPLP East	Solid	3010A	346266
660-62441-10 MSD	Comp 7-1B	SPLP East	Solid	3010A	346266
660-62441-11	Comp 7-2B	SPLP East	Solid	3010A	346266
660-62441-12	Comp 7-3B	SPLP East	Solid	3010A	346266
660-62441-13	Comp 7-4B	SPLP East	Solid	3010A	346266
LB 680-348702/3-A	Method Blank	Total/NA	Solid	3010A	
LCS 680-348702/2-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 680-348702/1-A	Method Blank	Total/NA	Solid	3010A	

Analysis Batch: 348758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	SPLP East	Solid	6020A	348702
660-62441-2	Comp-1-2 B	SPLP East	Solid	6020A	348702
660-62441-3	Comp-1-3 B	SPLP East	Solid	6020A	348702
660-62441-4	Comp 3-1B	SPLP East	Solid	6020A	348702
660-62441-5	Comp 5-1B	SPLP East	Solid	6020A	348702
660-62441-6	Comp 5-2B	SPLP East	Solid	6020A	348702
660-62441-7	Comp 6-1B	SPLP East	Solid	6020A	348702
660-62441-8	Comp 6-2B	SPLP East	Solid	6020A	348702
660-62441-9	Comp 6-3B	SPLP East	Solid	6020A	348702
660-62441-10	Comp 7-1B	SPLP East	Solid	6020A	348702
660-62441-10 MS	Comp 7-1B	SPLP East	Solid	6020A	348702
660-62441-10 MSD	Comp 7-1B	SPLP East	Solid	6020A	348702
660-62441-11	Comp 7-2B	SPLP East	Solid	6020A	348702
660-62441-12	Comp 7-3B	SPLP East	Solid	6020A	348702
660-62441-13	Comp 7-4B	SPLP East	Solid	6020A	348702
LB 680-348702/3-A	Method Blank	Total/NA	Solid	6020A	348702
LCS 680-348702/2-A	Lab Control Sample	Total/NA	Solid	6020A	348702
MB 680-348702/1-A	Method Blank	Total/NA	Solid	6020A	348702

General Chemistry

Analysis Batch: 345877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	Total/NA	Solid	Moisture	
660-62441-2	Comp-1-2 B	Total/NA	Solid	Moisture	
660-62441-3	Comp-1-3 B	Total/NA	Solid	Moisture	
660-62441-4	Comp 3-1B	Total/NA	Solid	Moisture	
660-62441-5	Comp 5-1B	Total/NA	Solid	Moisture	
660-62441-6	Comp 5-2B	Total/NA	Solid	Moisture	
660-62441-7	Comp 6-1B	Total/NA	Solid	Moisture	
660-62441-8	Comp 6-2B	Total/NA	Solid	Moisture	
660-62441-9	Comp 6-3B	Total/NA	Solid	Moisture	
660-62441-10	Comp 7-1B	Total/NA	Solid	Moisture	
660-62441-11	Comp 7-2B	Total/NA	Solid	Moisture	
660-62441-12	Comp 7-3B	Total/NA	Solid	Moisture	
660-62441-13	Comp 7-4B	Total/NA	Solid	Moisture	
660-62441-14	1D	Total/NA	Solid	Moisture	
660-62441-15	1E	Total/NA	Solid	Moisture	
660-62441-16	1F	Total/NA	Solid	Moisture	
660-62441-17	1G	Total/NA	Solid	Moisture	
660-62441-18	5E	Total/NA	Solid	Moisture	
660-62441-19	6F	Total/NA	Solid	Moisture	
660-62441-20	6G	Total/NA	Solid	Moisture	
660-62441-21	7F	Total/NA	Solid	Moisture	
660-62441-22	7G	Total/NA	Solid	Moisture	
660-62441-23	7H	Total/NA	Solid	Moisture	
660-62441-24	7I	Total/NA	Solid	Moisture	
660-62441-25	3A	Total/NA	Solid	Moisture	
660-62441-26	3B	Total/NA	Solid	Moisture	
660-62441-27	3C	Total/NA	Solid	Moisture	

Leach Batch: 346039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	Soluble	Solid	DI Leach	
660-62441-1 MS	Comp-1-1 B	Soluble	Solid	DI Leach	
660-62441-1 MSD	Comp-1-1 B	Soluble	Solid	DI Leach	
660-62441-2	Comp-1-2 B	Soluble	Solid	DI Leach	
660-62441-2 DU	Comp-1-2 B	Soluble	Solid	DI Leach	
660-62441-3	Comp-1-3 B	Soluble	Solid	DI Leach	
660-62441-4	Comp 3-1B	Soluble	Solid	DI Leach	
660-62441-5	Comp 5-1B	Soluble	Solid	DI Leach	
660-62441-6	Comp 5-2B	Soluble	Solid	DI Leach	
660-62441-7	Comp 6-1B	Soluble	Solid	DI Leach	
660-62441-8	Comp 6-2B	Soluble	Solid	DI Leach	
660-62441-9	Comp 6-3B	Soluble	Solid	DI Leach	
660-62441-10	Comp 7-1B	Soluble	Solid	DI Leach	
660-62441-11	Comp 7-2B	Soluble	Solid	DI Leach	
660-62441-12	Comp 7-3B	Soluble	Solid	DI Leach	
660-62441-13	Comp 7-4B	Soluble	Solid	DI Leach	
660-62441-14	1D	Soluble	Solid	DI Leach	
660-62441-15	1E	Soluble	Solid	DI Leach	
660-62441-16	1F	Soluble	Solid	DI Leach	
660-62441-17	1G	Soluble	Solid	DI Leach	
660-62441-18	5E	Soluble	Solid	DI Leach	

General Chemistry (Continued)

Leach Batch: 346039 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-19	6F	Soluble	Solid	DI Leach	
660-62441-20	6G	Soluble	Solid	DI Leach	
LCS 680-346039/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
MB 680-346039/1-A	Method Blank	Soluble	Solid	DI Leach	

Leach Batch: 346040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-21	7F	Soluble	Solid	DI Leach	
660-62441-21 MS	7F	Soluble	Solid	DI Leach	
660-62441-21 MSD	7F	Soluble	Solid	DI Leach	
660-62441-22	7G	Soluble	Solid	DI Leach	
660-62441-23	7H	Soluble	Solid	DI Leach	
660-62441-24	7I	Soluble	Solid	DI Leach	
660-62441-25	3A	Soluble	Solid	DI Leach	
660-62441-26	3B	Soluble	Solid	DI Leach	
660-62441-27	3C	Soluble	Solid	DI Leach	
LCS 680-346040/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
MB 680-346040/1-A	Method Blank	Soluble	Solid	DI Leach	

Prep Batch: 346050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	Total/NA	Solid	9012B	
660-62441-2	Comp-1-2 B	Total/NA	Solid	9012B	
660-62441-3	Comp-1-3 B	Total/NA	Solid	9012B	
660-62441-3 MS	Comp-1-3 B	Total/NA	Solid	9012B	
660-62441-3 MSD	Comp-1-3 B	Total/NA	Solid	9012B	
660-62441-4	Comp 3-1B	Total/NA	Solid	9012B	
660-62441-5	Comp 5-1B	Total/NA	Solid	9012B	
660-62441-6	Comp 5-2B	Total/NA	Solid	9012B	
660-62441-7	Comp 6-1B	Total/NA	Solid	9012B	
660-62441-8	Comp 6-2B	Total/NA	Solid	9012B	
660-62441-9	Comp 6-3B	Total/NA	Solid	9012B	
660-62441-9 DU	Comp 6-3B	Total/NA	Solid	9012B	
660-62441-10	Comp 7-1B	Total/NA	Solid	9012B	
660-62441-11	Comp 7-2B	Total/NA	Solid	9012B	
660-62441-12	Comp 7-3B	Total/NA	Solid	9012B	
660-62441-13	Comp 7-4B	Total/NA	Solid	9012B	
LCS 680-346050/2-A	Lab Control Sample	Total/NA	Solid	9012B	
LCSD 680-346050/3-A	Lab Control Sample Dup	Total/NA	Solid	9012B	
MB 680-346050/1-A	Method Blank	Total/NA	Solid	9012B	

Prep Batch: 346154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	Total/NA	Solid	3-154	
660-62441-2	Comp-1-2 B	Total/NA	Solid	3-154	
660-62441-2 MS	Comp-1-2 B	Total/NA	Solid	3-154	
660-62441-2 MSD	Comp-1-2 B	Total/NA	Solid	3-154	
660-62441-3	Comp-1-3 B	Total/NA	Solid	3-154	
660-62441-4	Comp 3-1B	Total/NA	Solid	3-154	
660-62441-5	Comp 5-1B	Total/NA	Solid	3-154	
660-62441-6	Comp 5-2B	Total/NA	Solid	3-154	

General Chemistry (Continued)

Prep Batch: 346154 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-7	Comp 6-1B	Total/NA	Solid	3-154	
660-62441-8	Comp 6-2B	Total/NA	Solid	3-154	
660-62441-9	Comp 6-3B	Total/NA	Solid	3-154	
660-62441-10	Comp 7-1B	Total/NA	Solid	3-154	
660-62441-11	Comp 7-2B	Total/NA	Solid	3-154	
660-62441-12	Comp 7-3B	Total/NA	Solid	3-154	
660-62441-13	Comp 7-4B	Total/NA	Solid	3-154	
660-62441-14	1D	Total/NA	Solid	3-154	
660-62441-14 DU	1D	Total/NA	Solid	3-154	
660-62441-15	1E	Total/NA	Solid	3-154	
660-62441-16	1F	Total/NA	Solid	3-154	
660-62441-17	1G	Total/NA	Solid	3-154	
660-62441-18	5E	Total/NA	Solid	3-154	
660-62441-19	6F	Total/NA	Solid	3-154	
660-62441-20	6G	Total/NA	Solid	3-154	
LCS 680-346154/2-A	Lab Control Sample	Total/NA	Solid	3-154	
MB 680-346154/1-A	Method Blank	Total/NA	Solid	3-154	

Prep Batch: 346173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-21	7F	Total/NA	Solid	3-154	
660-62441-22	7G	Total/NA	Solid	3-154	
660-62441-23	7H	Total/NA	Solid	3-154	
660-62441-24	7I	Total/NA	Solid	3-154	
660-62441-25	3A	Total/NA	Solid	3-154	
660-62441-26	3B	Total/NA	Solid	3-154	
660-62441-27	3C	Total/NA	Solid	3-154	
680-104493-B-1-E MS	Matrix Spike	Total/NA	Solid	3-154	
680-104493-B-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	3-154	
680-104515-A-4-C DU	Duplicate	Total/NA	Solid	3-154	
LCS 680-346173/2-A	Lab Control Sample	Total/NA	Solid	3-154	
MB 680-346173/1-A	Method Blank	Total/NA	Solid	3-154	

Analysis Batch: 346181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	Total/NA	Solid	9012B	346050
660-62441-2	Comp-1-2 B	Total/NA	Solid	9012B	346050
660-62441-3	Comp-1-3 B	Total/NA	Solid	9012B	346050
660-62441-3 MS	Comp-1-3 B	Total/NA	Solid	9012B	346050
660-62441-3 MSD	Comp-1-3 B	Total/NA	Solid	9012B	346050
660-62441-4	Comp 3-1B	Total/NA	Solid	9012B	346050
660-62441-5	Comp 5-1B	Total/NA	Solid	9012B	346050
660-62441-6	Comp 5-2B	Total/NA	Solid	9012B	346050
660-62441-7	Comp 6-1B	Total/NA	Solid	9012B	346050
660-62441-8	Comp 6-2B	Total/NA	Solid	9012B	346050
660-62441-9	Comp 6-3B	Total/NA	Solid	9012B	346050
660-62441-9 DU	Comp 6-3B	Total/NA	Solid	9012B	346050
660-62441-10	Comp 7-1B	Total/NA	Solid	9012B	346050
660-62441-11	Comp 7-2B	Total/NA	Solid	9012B	346050
660-62441-12	Comp 7-3B	Total/NA	Solid	9012B	346050
660-62441-13	Comp 7-4B	Total/NA	Solid	9012B	346050

General Chemistry (Continued)

Analysis Batch: 346181 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-346050/2-A	Lab Control Sample	Total/NA	Solid	9012B	346050
LCSD 680-346050/3-A	Lab Control Sample Dup	Total/NA	Solid	9012B	346050
MB 680-346050/1-A	Method Blank	Total/NA	Solid	9012B	346050

Analysis Batch: 346241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-21	7F	Soluble	Solid	353.2	346040
660-62441-21 MS	7F	Soluble	Solid	353.2	346040
660-62441-21 MSD	7F	Soluble	Solid	353.2	346040
660-62441-22	7G	Soluble	Solid	353.2	346040
660-62441-23	7H	Soluble	Solid	353.2	346040
660-62441-24	7I	Soluble	Solid	353.2	346040
660-62441-25	3A	Soluble	Solid	353.2	346040
660-62441-26	3B	Soluble	Solid	353.2	346040
660-62441-27	3C	Soluble	Solid	353.2	346040
LCS 680-346040/2-A	Lab Control Sample	Soluble	Solid	353.2	346040
MB 680-346040/1-A	Method Blank	Soluble	Solid	353.2	346040

Analysis Batch: 346327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-21	7F	Total/NA	Solid	350.1	346173
660-62441-22	7G	Total/NA	Solid	350.1	346173
660-62441-23	7H	Total/NA	Solid	350.1	346173
660-62441-24	7I	Total/NA	Solid	350.1	346173
660-62441-25	3A	Total/NA	Solid	350.1	346173
660-62441-26	3B	Total/NA	Solid	350.1	346173
660-62441-27	3C	Total/NA	Solid	350.1	346173
680-104493-B-1-E MS	Matrix Spike	Total/NA	Solid	350.1	346173
680-104493-B-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	350.1	346173
680-104515-A-4-C DU	Duplicate	Total/NA	Solid	350.1	346173
LCS 680-346173/2-A	Lab Control Sample	Total/NA	Solid	350.1	346173
MB 680-346173/1-A	Method Blank	Total/NA	Solid	350.1	346173

Analysis Batch: 346328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	Total/NA	Solid	350.1	346154
660-62441-2	Comp-1-2 B	Total/NA	Solid	350.1	346154
660-62441-2 MS	Comp-1-2 B	Total/NA	Solid	350.1	346154
660-62441-2 MSD	Comp-1-2 B	Total/NA	Solid	350.1	346154
660-62441-3	Comp-1-3 B	Total/NA	Solid	350.1	346154
660-62441-4	Comp 3-1B	Total/NA	Solid	350.1	346154
660-62441-5	Comp 5-1B	Total/NA	Solid	350.1	346154
660-62441-6	Comp 5-2B	Total/NA	Solid	350.1	346154
660-62441-7	Comp 6-1B	Total/NA	Solid	350.1	346154
660-62441-8	Comp 6-2B	Total/NA	Solid	350.1	346154
660-62441-9	Comp 6-3B	Total/NA	Solid	350.1	346154
660-62441-10	Comp 7-1B	Total/NA	Solid	350.1	346154
660-62441-11	Comp 7-2B	Total/NA	Solid	350.1	346154
660-62441-12	Comp 7-3B	Total/NA	Solid	350.1	346154
660-62441-13	Comp 7-4B	Total/NA	Solid	350.1	346154
660-62441-14	1D	Total/NA	Solid	350.1	346154

General Chemistry (Continued)

Analysis Batch: 346328 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-14 DU	1D	Total/NA	Solid	350.1	346154
660-62441-15	1E	Total/NA	Solid	350.1	346154
660-62441-16	1F	Total/NA	Solid	350.1	346154
660-62441-17	1G	Total/NA	Solid	350.1	346154
660-62441-18	5E	Total/NA	Solid	350.1	346154
660-62441-19	6F	Total/NA	Solid	350.1	346154
660-62441-20	6G	Total/NA	Solid	350.1	346154
LCS 680-346154/2-A	Lab Control Sample	Total/NA	Solid	350.1	346154
MB 680-346154/1-A	Method Blank	Total/NA	Solid	350.1	346154

Analysis Batch: 346411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	Soluble	Solid	353.2	346039
660-62441-1 MS	Comp-1-1 B	Soluble	Solid	353.2	346039
660-62441-1 MSD	Comp-1-1 B	Soluble	Solid	353.2	346039
660-62441-2	Comp-1-2 B	Soluble	Solid	353.2	346039
660-62441-2 DU	Comp-1-2 B	Soluble	Solid	353.2	346039
660-62441-3	Comp-1-3 B	Soluble	Solid	353.2	346039
660-62441-4	Comp 3-1B	Soluble	Solid	353.2	346039
660-62441-5	Comp 5-1B	Soluble	Solid	353.2	346039
660-62441-6	Comp 5-2B	Soluble	Solid	353.2	346039
660-62441-7	Comp 6-1B	Soluble	Solid	353.2	346039
660-62441-8	Comp 6-2B	Soluble	Solid	353.2	346039
660-62441-9	Comp 6-3B	Soluble	Solid	353.2	346039
660-62441-10	Comp 7-1B	Soluble	Solid	353.2	346039
660-62441-11	Comp 7-2B	Soluble	Solid	353.2	346039
660-62441-12	Comp 7-3B	Soluble	Solid	353.2	346039
660-62441-13	Comp 7-4B	Soluble	Solid	353.2	346039
660-62441-14	1D	Soluble	Solid	353.2	346039
660-62441-15	1E	Soluble	Solid	353.2	346039
660-62441-16	1F	Soluble	Solid	353.2	346039
660-62441-17	1G	Soluble	Solid	353.2	346039
660-62441-18	5E	Soluble	Solid	353.2	346039
660-62441-19	6F	Soluble	Solid	353.2	346039
660-62441-20	6G	Soluble	Solid	353.2	346039
LCS 680-346039/2-A	Lab Control Sample	Soluble	Solid	353.2	346039
MB 680-346039/1-A	Method Blank	Soluble	Solid	353.2	346039

Prep Batch: 346541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	Total/NA	Solid	Distill/Phenol	
660-62441-1 MS	Comp-1-1 B	Total/NA	Solid	Distill/Phenol	
660-62441-1 MSD	Comp-1-1 B	Total/NA	Solid	Distill/Phenol	
660-62441-2	Comp-1-2 B	Total/NA	Solid	Distill/Phenol	
660-62441-2 MS	Comp-1-2 B	Total/NA	Solid	Distill/Phenol	
660-62441-2 MSD	Comp-1-2 B	Total/NA	Solid	Distill/Phenol	
660-62441-3	Comp-1-3 B	Total/NA	Solid	Distill/Phenol	
660-62441-4	Comp 3-1B	Total/NA	Solid	Distill/Phenol	
660-62441-5	Comp 5-1B	Total/NA	Solid	Distill/Phenol	
660-62441-6	Comp 5-2B	Total/NA	Solid	Distill/Phenol	
660-62441-7	Comp 6-1B	Total/NA	Solid	Distill/Phenol	

General Chemistry (Continued)

Prep Batch: 346541 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-8	Comp 6-2B	Total/NA	Solid	Distill/Phenol	
660-62441-9	Comp 6-3B	Total/NA	Solid	Distill/Phenol	
660-62441-10	Comp 7-1B	Total/NA	Solid	Distill/Phenol	
660-62441-11	Comp 7-2B	Total/NA	Solid	Distill/Phenol	
660-62441-12	Comp 7-3B	Total/NA	Solid	Distill/Phenol	
660-62441-13	Comp 7-4B	Total/NA	Solid	Distill/Phenol	
LCS 680-346541/2-A	Lab Control Sample	Total/NA	Solid	Distill/Phenol	
MB 680-346541/1-A	Method Blank	Total/NA	Solid	Distill/Phenol	

Analysis Batch: 346682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	Total/NA	Solid	9065	346541
660-62441-1 MS	Comp-1-1 B	Total/NA	Solid	9065	346541
660-62441-1 MSD	Comp-1-1 B	Total/NA	Solid	9065	346541
660-62441-2	Comp-1-2 B	Total/NA	Solid	9065	346541
660-62441-2 MS	Comp-1-2 B	Total/NA	Solid	9065	346541
660-62441-2 MSD	Comp-1-2 B	Total/NA	Solid	9065	346541
660-62441-3	Comp-1-3 B	Total/NA	Solid	9065	346541
660-62441-4	Comp 3-1B	Total/NA	Solid	9065	346541
660-62441-5	Comp 5-1B	Total/NA	Solid	9065	346541
660-62441-6	Comp 5-2B	Total/NA	Solid	9065	346541
660-62441-7	Comp 6-1B	Total/NA	Solid	9065	346541
660-62441-8	Comp 6-2B	Total/NA	Solid	9065	346541
660-62441-9	Comp 6-3B	Total/NA	Solid	9065	346541
660-62441-10	Comp 7-1B	Total/NA	Solid	9065	346541
660-62441-11	Comp 7-2B	Total/NA	Solid	9065	346541
660-62441-12	Comp 7-3B	Total/NA	Solid	9065	346541
660-62441-13	Comp 7-4B	Total/NA	Solid	9065	346541
LCS 680-346541/2-A	Lab Control Sample	Total/NA	Solid	9065	346541
MB 680-346541/1-A	Method Blank	Total/NA	Solid	9065	346541

Prep Batch: 346906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	Total/NA	Solid	Digestion	
660-62441-1 MS	Comp-1-1 B	Total/NA	Solid	Digestion	
660-62441-1 MSD	Comp-1-1 B	Total/NA	Solid	Digestion	
660-62441-2	Comp-1-2 B	Total/NA	Solid	Digestion	
660-62441-2 DU	Comp-1-2 B	Total/NA	Solid	Digestion	
660-62441-3	Comp-1-3 B	Total/NA	Solid	Digestion	
660-62441-4	Comp 3-1B	Total/NA	Solid	Digestion	
660-62441-5	Comp 5-1B	Total/NA	Solid	Digestion	
660-62441-6	Comp 5-2B	Total/NA	Solid	Digestion	
660-62441-7	Comp 6-1B	Total/NA	Solid	Digestion	
660-62441-8	Comp 6-2B	Total/NA	Solid	Digestion	
660-62441-9	Comp 6-3B	Total/NA	Solid	Digestion	
660-62441-10	Comp 7-1B	Total/NA	Solid	Digestion	
660-62441-11	Comp 7-2B	Total/NA	Solid	Digestion	
660-62441-12	Comp 7-3B	Total/NA	Solid	Digestion	
660-62441-13	Comp 7-4B	Total/NA	Solid	Digestion	
660-62441-14	1D	Total/NA	Solid	Digestion	
660-62441-15	1E	Total/NA	Solid	Digestion	

General Chemistry (Continued)

Prep Batch: 346906 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-16	1F	Total/NA	Solid	Digestion	
660-62441-17	1G	Total/NA	Solid	Digestion	
660-62441-18	5E	Total/NA	Solid	Digestion	
660-62441-19	6F	Total/NA	Solid	Digestion	
660-62441-20	6G	Total/NA	Solid	Digestion	
LCS 680-346906/1-A	Lab Control Sample	Total/NA	Solid	Digestion	
MB 680-346906/2-A	Method Blank	Total/NA	Solid	Digestion	

Prep Batch: 346907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-21	7F	Total/NA	Solid	Digestion	
660-62441-21 MS	7F	Total/NA	Solid	Digestion	
660-62441-21 MSD	7F	Total/NA	Solid	Digestion	
660-62441-22	7G	Total/NA	Solid	Digestion	
660-62441-22 DU	7G	Total/NA	Solid	Digestion	
660-62441-23	7H	Total/NA	Solid	Digestion	
660-62441-24	7I	Total/NA	Solid	Digestion	
660-62441-25	3A	Total/NA	Solid	Digestion	
660-62441-26	3B	Total/NA	Solid	Digestion	
660-62441-27	3C	Total/NA	Solid	Digestion	
LCS 680-346907/1-A	Lab Control Sample	Total/NA	Solid	Digestion	
MB 680-346907/2-A	Method Blank	Total/NA	Solid	Digestion	

Analysis Batch: 347234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	Total/NA	Solid	365.4	346906
660-62441-1 MS	Comp-1-1 B	Total/NA	Solid	365.4	346906
660-62441-1 MSD	Comp-1-1 B	Total/NA	Solid	365.4	346906
660-62441-2	Comp-1-2 B	Total/NA	Solid	365.4	346906
660-62441-2 DU	Comp-1-2 B	Total/NA	Solid	365.4	346906
660-62441-3	Comp-1-3 B	Total/NA	Solid	365.4	346906
660-62441-4	Comp 3-1B	Total/NA	Solid	365.4	346906
660-62441-5	Comp 5-1B	Total/NA	Solid	365.4	346906
660-62441-6	Comp 5-2B	Total/NA	Solid	365.4	346906
660-62441-7	Comp 6-1B	Total/NA	Solid	365.4	346906
660-62441-8	Comp 6-2B	Total/NA	Solid	365.4	346906
660-62441-9	Comp 6-3B	Total/NA	Solid	365.4	346906
660-62441-10	Comp 7-1B	Total/NA	Solid	365.4	346906
660-62441-11	Comp 7-2B	Total/NA	Solid	365.4	346906
660-62441-12	Comp 7-3B	Total/NA	Solid	365.4	346906
660-62441-13	Comp 7-4B	Total/NA	Solid	365.4	346906
660-62441-14	1D	Total/NA	Solid	365.4	346906
660-62441-15	1E	Total/NA	Solid	365.4	346906
660-62441-16	1F	Total/NA	Solid	365.4	346906
660-62441-17	1G	Total/NA	Solid	365.4	346906
660-62441-18	5E	Total/NA	Solid	365.4	346906
660-62441-19	6F	Total/NA	Solid	365.4	346906
660-62441-20	6G	Total/NA	Solid	365.4	346906
660-62441-21	7F	Total/NA	Solid	365.4	346907
660-62441-21 MS	7F	Total/NA	Solid	365.4	346907
660-62441-21 MSD	7F	Total/NA	Solid	365.4	346907

General Chemistry (Continued)

Analysis Batch: 347234 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-22	7G	Total/NA	Solid	365.4	346907
660-62441-22 DU	7G	Total/NA	Solid	365.4	346907
660-62441-23	7H	Total/NA	Solid	365.4	346907
660-62441-24	7I	Total/NA	Solid	365.4	346907
660-62441-25	3A	Total/NA	Solid	365.4	346907
660-62441-26	3B	Total/NA	Solid	365.4	346907
660-62441-27	3C	Total/NA	Solid	365.4	346907
LCS 680-346906/1-A	Lab Control Sample	Total/NA	Solid	365.4	346906
LCS 680-346907/1-A	Lab Control Sample	Total/NA	Solid	365.4	346907
MB 680-346906/2-A	Method Blank	Total/NA	Solid	365.4	346906
MB 680-346907/2-A	Method Blank	Total/NA	Solid	365.4	346907

Analysis Batch: 347235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-1	Comp-1-1 B	Total/NA	Solid	351.2	346906
660-62441-1 MS	Comp-1-1 B	Total/NA	Solid	351.2	346906
660-62441-1 MSD	Comp-1-1 B	Total/NA	Solid	351.2	346906
660-62441-2	Comp-1-2 B	Total/NA	Solid	351.2	346906
660-62441-2 DU	Comp-1-2 B	Total/NA	Solid	351.2	346906
660-62441-3	Comp-1-3 B	Total/NA	Solid	351.2	346906
660-62441-4	Comp 3-1B	Total/NA	Solid	351.2	346906
660-62441-5	Comp 5-1B	Total/NA	Solid	351.2	346906
660-62441-6	Comp 5-2B	Total/NA	Solid	351.2	346906
660-62441-7	Comp 6-1B	Total/NA	Solid	351.2	346906
660-62441-8	Comp 6-2B	Total/NA	Solid	351.2	346906
660-62441-9	Comp 6-3B	Total/NA	Solid	351.2	346906
660-62441-10	Comp 7-1B	Total/NA	Solid	351.2	346906
660-62441-11	Comp 7-2B	Total/NA	Solid	351.2	346906
660-62441-12	Comp 7-3B	Total/NA	Solid	351.2	346906
660-62441-13	Comp 7-4B	Total/NA	Solid	351.2	346906
660-62441-14	1D	Total/NA	Solid	351.2	346906
660-62441-15	1E	Total/NA	Solid	351.2	346906
660-62441-16	1F	Total/NA	Solid	351.2	346906
660-62441-17	1G	Total/NA	Solid	351.2	346906
660-62441-18	5E	Total/NA	Solid	351.2	346906
660-62441-19	6F	Total/NA	Solid	351.2	346906
660-62441-20	6G	Total/NA	Solid	351.2	346906
660-62441-21	7F	Total/NA	Solid	351.2	346907
660-62441-21 MS	7F	Total/NA	Solid	351.2	346907
660-62441-21 MSD	7F	Total/NA	Solid	351.2	346907
660-62441-23	7H	Total/NA	Solid	351.2	346907
660-62441-24	7I	Total/NA	Solid	351.2	346907
660-62441-25	3A	Total/NA	Solid	351.2	346907
660-62441-26	3B	Total/NA	Solid	351.2	346907
660-62441-27	3C	Total/NA	Solid	351.2	346907
LCS 680-346906/1-A	Lab Control Sample	Total/NA	Solid	351.2	346906
LCS 680-346907/1-A	Lab Control Sample	Total/NA	Solid	351.2	346907
MB 680-346906/2-A	Method Blank	Total/NA	Solid	351.2	346906
MB 680-346907/2-A	Method Blank	Total/NA	Solid	351.2	346907

General Chemistry (Continued)

Analysis Batch: 347372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62441-22	7G	Total/NA	Solid	351.2	346907
660-62441-22 DU	7G	Total/NA	Solid	351.2	346907

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp-1-1 B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			346303	08/27/14 20:15	DSF	TAL SAV
SPLP	Analysis	8260B		1	346522	08/29/14 12:43	TF1	TAL SAV
Total/NA	Prep	5030B			346635	08/29/14 08:00	TAR	TAL SAV
Total/NA	Analysis	8260B		1	346514	08/29/14 15:51	TAR	TAL SAV
SPLP East	Leach	1312			111369	08/27/14 18:45	CWA	TAL TAL
SPLP East	Prep	3520C			111368	09/02/14 19:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111414	09/04/14 08:33	VHW	TAL TAL
Total/NA	Prep	3546			346353	08/28/14 21:32	JMK	TAL SAV
Total/NA	Analysis	8270D		10	346880	09/02/14 16:40	RAM	TAL SAV
SPLP East	Leach	1312			111369	08/27/14 18:45	CWA	TAL TAL
SPLP East	Prep	3511			111372	09/03/14 06:14	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111377	09/03/14 15:33	CWA	TAL TAL
Total/NA	Prep	3546			346293	08/27/14 22:43	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	346447	08/28/14 18:26	JCK	TAL SAV
Soluble	Leach	DI Leach			347557	08/28/14 16:10	CMB	TAL SAV
Soluble	Analysis	9056A		5	346639	08/29/14 14:36	DAS	TAL SAV
SPLP East	Leach	1312			346266	08/27/14 18:45	JDS	TAL SAV
SPLP East	Prep	3010A			348702	09/12/14 15:52	BCB	TAL SAV
SPLP East	Analysis	6020A		1	348758	09/12/14 18:34	BWR	TAL SAV
Total/NA	Prep	3050B			345878	08/26/14 09:51	CRW	TAL SAV
Total/NA	Analysis	6020A		1	347123	09/03/14 04:13	BWR	TAL SAV
SPLP East	Leach	1312			346266	08/27/14 18:45	JDS	TAL SAV
SPLP East	Prep	7470A			346841	09/02/14 09:24	JKL	TAL SAV
SPLP East	Analysis	7470A		1	347208	09/03/14 09:51	BCB	TAL SAV
Total/NA	Prep	7471A			345959	08/26/14 13:39	JKL	TAL SAV
Total/NA	Analysis	7471A		1	346248	08/27/14 15:05	JKL	TAL SAV
Total/NA	Prep	3-154			346154	08/27/14 08:39	JME	TAL SAV
Total/NA	Analysis	350.1		50	346328	08/27/14 17:49	JME	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	351.2		10	347235	09/03/14 14:27	AJO	TAL SAV
Soluble	Leach	DI Leach			346039	08/27/14 09:00	GRX	TAL SAV
Soluble	Analysis	353.2		1	346411	08/28/14 12:30	GRX	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	365.4		1	347234	09/03/14 13:33	AJO	TAL SAV
Total/NA	Prep	9012B			346050	08/27/14 08:10	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346181	08/27/14 12:19	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346541	08/29/14 08:49	JRJ	TAL SAV
Total/NA	Analysis	9065		1	346682	08/29/14 13:54	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	345877	08/26/14 09:41	HML	TAL SAV

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp-1-2 B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			346303	08/27/14 20:15	DSF	TAL SAV
SPLP	Analysis	8260B		1	346522	08/29/14 13:05	TF1	TAL SAV
Total/NA	Prep	5030B			346635	08/29/14 08:00	TAR	TAL SAV
Total/NA	Analysis	8260B		1	346514	08/29/14 16:12	TAR	TAL SAV
SPLP East	Leach	1312			111369	08/27/14 18:45	CWA	TAL TAL
SPLP East	Prep	3520C			111368	09/02/14 19:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111444	09/04/14 09:54	VHW	TAL TAL
Total/NA	Prep	3546			346353	08/28/14 21:32	JMK	TAL SAV
Total/NA	Analysis	8270D		1	346880	09/02/14 17:05	RAM	TAL SAV
SPLP East	Leach	1312			111369	08/27/14 18:45	CWA	TAL TAL
SPLP East	Prep	3511			111372	09/03/14 06:14	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111377	09/03/14 15:48	CWA	TAL TAL
Total/NA	Prep	3546			346293	08/27/14 22:43	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	346447	08/28/14 18:41	JCK	TAL SAV
Soluble	Leach	DI Leach			347557	08/28/14 16:10	CMB	TAL SAV
Soluble	Analysis	9056A		5	346639	08/29/14 15:04	DAS	TAL SAV
SPLP East	Leach	1312			346266	08/27/14 18:45	JDS	TAL SAV
SPLP East	Prep	3010A			348702	09/12/14 15:52	BCB	TAL SAV
SPLP East	Analysis	6020A		1	348758	09/12/14 18:41	BWR	TAL SAV
Total/NA	Prep	3050B			345878	08/26/14 09:51	CRW	TAL SAV
Total/NA	Analysis	6020A		1	347123	09/03/14 04:50	BWR	TAL SAV
SPLP East	Leach	1312			346266	08/27/14 18:45	JDS	TAL SAV
SPLP East	Prep	7470A			346841	09/02/14 09:24	JKL	TAL SAV
SPLP East	Analysis	7470A		1	347208	09/03/14 09:54	BCB	TAL SAV
Total/NA	Prep	7471A			345959	08/26/14 13:39	JKL	TAL SAV
Total/NA	Analysis	7471A		1	346248	08/27/14 15:08	JKL	TAL SAV
Total/NA	Prep	3-154			346154	08/27/14 08:39	JME	TAL SAV
Total/NA	Analysis	350.1		5	346328	08/27/14 16:10	JME	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	351.2		1	347235	09/03/14 13:39	AJO	TAL SAV
Soluble	Leach	DI Leach			346039	08/27/14 09:00	GRX	TAL SAV
Soluble	Analysis	353.2		1	346411	08/28/14 12:36	GRX	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	365.4		1	347234	09/03/14 13:39	AJO	TAL SAV
Total/NA	Prep	9012B			346050	08/27/14 08:10	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346181	08/27/14 12:20	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346541	08/29/14 08:49	JRJ	TAL SAV
Total/NA	Analysis	9065		1	346682	08/29/14 13:54	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	345877	08/26/14 09:41	HML	TAL SAV

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp-1-3 B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			346303	08/27/14 20:15	DSF	TAL SAV
SPLP	Analysis	8260B		1	346522	08/29/14 13:26	TF1	TAL SAV
Total/NA	Prep	5030B			346635	08/29/14 08:00	TAR	TAL SAV
Total/NA	Analysis	8260B		1	346514	08/29/14 16:33	TAR	TAL SAV
SPLP East	Leach	1312			111369	08/27/14 18:45	CWA	TAL TAL
SPLP East	Prep	3520C			111368	09/02/14 19:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111444	09/04/14 10:24	VHW	TAL TAL
Total/NA	Prep	3546			346353	08/28/14 21:32	JMK	TAL SAV
Total/NA	Analysis	8270D		1	346880	09/02/14 17:29	RAM	TAL SAV
SPLP East	Leach	1312			111369	08/27/14 18:45	CWA	TAL TAL
SPLP East	Prep	3511			111372	09/03/14 06:14	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111377	09/03/14 16:02	CWA	TAL TAL
Total/NA	Prep	3546			346293	08/27/14 22:43	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	346447	08/28/14 18:56	JCK	TAL SAV
Soluble	Leach	DI Leach			347557	08/28/14 16:10	CMB	TAL SAV
Soluble	Analysis	9056A		5	346639	08/29/14 15:19	DAS	TAL SAV
SPLP East	Leach	1312			346266	08/27/14 18:45	JDS	TAL SAV
SPLP East	Prep	3010A			348702	09/12/14 15:52	BCB	TAL SAV
SPLP East	Analysis	6020A		1	348758	09/12/14 18:48	BWR	TAL SAV
Total/NA	Prep	3050B			345878	08/26/14 09:51	CRW	TAL SAV
Total/NA	Analysis	6020A		1	347123	09/03/14 04:57	BWR	TAL SAV
SPLP East	Leach	1312			346266	08/27/14 18:45	JDS	TAL SAV
SPLP East	Prep	7470A			346841	09/02/14 09:24	JKL	TAL SAV
SPLP East	Analysis	7470A		1	347208	09/03/14 09:57	BCB	TAL SAV
Total/NA	Prep	7471A			345959	08/26/14 13:39	JKL	TAL SAV
Total/NA	Analysis	7471A		1	346248	08/27/14 15:10	JKL	TAL SAV
Total/NA	Prep	3-154			346154	08/27/14 08:39	JME	TAL SAV
Total/NA	Analysis	350.1		20	346328	08/27/14 16:30	JME	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	351.2		2	347235	09/03/14 14:33	AJO	TAL SAV
Soluble	Leach	DI Leach			346039	08/27/14 09:00	GRX	TAL SAV
Soluble	Analysis	353.2		1	346411	08/28/14 12:38	GRX	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	365.4		1	347234	09/03/14 13:41	AJO	TAL SAV
Total/NA	Prep	9012B			346050	08/27/14 08:10	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346181	08/27/14 12:21	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346541	08/29/14 08:49	JRJ	TAL SAV
Total/NA	Analysis	9065		1	346682	08/29/14 13:54	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	345877	08/26/14 09:41	HML	TAL SAV

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp 3-1B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			346303	08/27/14 20:15	DSF	TAL SAV
SPLP	Analysis	8260B		1	346522	08/29/14 13:48	TF1	TAL SAV
Total/NA	Prep	5030B			346635	08/29/14 08:00	TAR	TAL SAV
Total/NA	Analysis	8260B		1	346514	08/29/14 16:54	TAR	TAL SAV
SPLP East	Leach	1312			111369	08/27/14 18:45	CWA	TAL TAL
SPLP East	Prep	3520C			111368	09/02/14 19:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111444	09/04/14 10:55	VHW	TAL TAL
Total/NA	Prep	3546			346353	08/28/14 21:32	JMK	TAL SAV
Total/NA	Analysis	8270D		1	346880	09/02/14 17:53	RAM	TAL SAV
SPLP East	Leach	1312			111369	08/27/14 18:45	CWA	TAL TAL
SPLP East	Prep	3511			111372	09/03/14 06:14	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111377	09/03/14 16:17	CWA	TAL TAL
Total/NA	Prep	3546			346293	08/27/14 22:43	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	346447	08/28/14 19:10	JCK	TAL SAV
Soluble	Leach	DI Leach			347557	08/28/14 16:10	CMB	TAL SAV
Soluble	Analysis	9056A		5	346639	08/29/14 15:33	DAS	TAL SAV
SPLP East	Leach	1312			346266	08/27/14 18:45	JDS	TAL SAV
SPLP East	Prep	3010A			348702	09/12/14 15:52	BCB	TAL SAV
SPLP East	Analysis	6020A		1	348758	09/12/14 18:55	BWR	TAL SAV
Total/NA	Prep	3050B			345878	08/26/14 09:51	CRW	TAL SAV
Total/NA	Analysis	6020A		1	347123	09/03/14 05:04	BWR	TAL SAV
SPLP East	Leach	1312			346266	08/27/14 18:45	JDS	TAL SAV
SPLP East	Prep	7470A			346841	09/02/14 09:24	JKL	TAL SAV
SPLP East	Analysis	7470A		1	347208	09/03/14 10:00	BCB	TAL SAV
Total/NA	Prep	7471A			345959	08/26/14 13:39	JKL	TAL SAV
Total/NA	Analysis	7471A		1	346248	08/27/14 15:13	JKL	TAL SAV
Total/NA	Prep	3-154			346154	08/27/14 08:39	JME	TAL SAV
Total/NA	Analysis	350.1		10	346328	08/27/14 16:40	JME	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	351.2		2	347235	09/03/14 14:34	AJO	TAL SAV
Soluble	Leach	DI Leach			346039	08/27/14 09:00	GRX	TAL SAV
Soluble	Analysis	353.2		1	346411	08/28/14 12:39	GRX	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	365.4		1	347234	09/03/14 13:42	AJO	TAL SAV
Total/NA	Prep	9012B			346050	08/27/14 08:10	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346181	08/27/14 12:24	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346541	08/29/14 08:49	JRJ	TAL SAV
Total/NA	Analysis	9065		1	346682	08/29/14 13:54	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	345877	08/26/14 09:41	HML	TAL SAV

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp 5-1B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			346303	08/27/14 20:15	DSF	TAL SAV
SPLP	Analysis	8260B		1	346522	08/29/14 14:09	TF1	TAL SAV
Total/NA	Prep	5030B			346635	08/29/14 08:00	TAR	TAL SAV
Total/NA	Analysis	8260B		1	346514	08/29/14 17:15	TAR	TAL SAV
SPLP East	Leach	1312			111369	08/27/14 18:45	CWA	TAL TAL
SPLP East	Prep	3520C			111368	09/02/14 19:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111444	09/04/14 11:26	VHW	TAL TAL
Total/NA	Prep	3546			346353	08/28/14 21:32	JMK	TAL SAV
Total/NA	Analysis	8270D		1	346880	09/02/14 18:17	RAM	TAL SAV
SPLP East	Leach	1312			111369	08/27/14 18:45	CWA	TAL TAL
SPLP East	Prep	3511			111372	09/03/14 06:14	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111377	09/03/14 16:31	CWA	TAL TAL
Total/NA	Prep	3546			346293	08/27/14 22:43	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	346447	08/28/14 19:25	JCK	TAL SAV
Soluble	Leach	DI Leach			347557	08/28/14 16:10	CMB	TAL SAV
Soluble	Analysis	9056A		1	346639	08/29/14 15:48	DAS	TAL SAV
SPLP East	Leach	1312			346266	08/27/14 18:45	JDS	TAL SAV
SPLP East	Prep	3010A			348702	09/12/14 15:52	BCB	TAL SAV
SPLP East	Analysis	6020A		1	348758	09/12/14 19:03	BWR	TAL SAV
Total/NA	Prep	3050B			345878	08/26/14 09:51	CRW	TAL SAV
Total/NA	Analysis	6020A		1	347123	09/03/14 05:26	BWR	TAL SAV
SPLP East	Leach	1312			346266	08/27/14 18:45	JDS	TAL SAV
SPLP East	Prep	7470A			346841	09/02/14 09:24	JKL	TAL SAV
SPLP East	Analysis	7470A		1	347208	09/03/14 10:03	BCB	TAL SAV
Total/NA	Prep	7471A			345959	08/26/14 13:39	JKL	TAL SAV
Total/NA	Analysis	7471A		1	346248	08/27/14 15:22	JKL	TAL SAV
Total/NA	Prep	3-154			346154	08/27/14 08:39	JME	TAL SAV
Total/NA	Analysis	350.1		50	346328	08/27/14 17:49	JME	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	351.2		2	347235	09/03/14 14:35	AJO	TAL SAV
Soluble	Leach	DI Leach			346039	08/27/14 09:00	GRX	TAL SAV
Soluble	Analysis	353.2		1	346411	08/28/14 12:40	GRX	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	365.4		1	347234	09/03/14 13:43	AJO	TAL SAV
Total/NA	Prep	9012B			346050	08/27/14 08:10	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346181	08/27/14 12:25	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346541	08/29/14 08:49	JRJ	TAL SAV
Total/NA	Analysis	9065		1	346682	08/29/14 14:01	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	345877	08/26/14 09:41	HML	TAL SAV

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp 5-2B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			346303	08/27/14 20:15	DSF	TAL SAV
SPLP	Analysis	8260B		1	346522	08/29/14 14:31	TF1	TAL SAV
Total/NA	Prep	5030B			346635	08/29/14 08:00	TAR	TAL SAV
Total/NA	Analysis	8260B		1	346514	08/29/14 18:12	TAR	TAL SAV
SPLP East	Leach	1312			111369	08/27/14 18:45	CWA	TAL TAL
SPLP East	Prep	3520C			111368	09/02/14 19:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111444	09/04/14 11:57	VHW	TAL TAL
Total/NA	Prep	3546			346353	08/28/14 21:32	JMK	TAL SAV
Total/NA	Analysis	8270D		1	346880	09/02/14 18:42	RAM	TAL SAV
SPLP East	Leach	1312			111369	08/27/14 18:45	CWA	TAL TAL
SPLP East	Prep	3511			111372	09/03/14 06:14	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111377	09/03/14 16:46	CWA	TAL TAL
Total/NA	Prep	3546			346293	08/27/14 22:43	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	346447	08/28/14 19:39	JCK	TAL SAV
Soluble	Leach	DI Leach			347557	08/28/14 16:10	CMB	TAL SAV
Soluble	Analysis	9056A		5	346639	08/29/14 16:02	DAS	TAL SAV
SPLP East	Leach	1312			346266	08/27/14 18:45	JDS	TAL SAV
SPLP East	Prep	3010A			348702	09/12/14 15:52	BCB	TAL SAV
SPLP East	Analysis	6020A		1	348758	09/12/14 19:10	BWR	TAL SAV
Total/NA	Prep	3050B			345878	08/26/14 09:51	CRW	TAL SAV
Total/NA	Analysis	6020A		1	347123	09/03/14 05:33	BWR	TAL SAV
SPLP East	Leach	1312			346266	08/27/14 18:45	JDS	TAL SAV
SPLP East	Prep	7470A			346841	09/02/14 09:24	JKL	TAL SAV
SPLP East	Analysis	7470A		1	347208	09/03/14 10:06	BCB	TAL SAV
Total/NA	Prep	7471A			345959	08/26/14 13:39	JKL	TAL SAV
Total/NA	Analysis	7471A		1	346248	08/27/14 15:25	JKL	TAL SAV
Total/NA	Prep	3-154			346154	08/27/14 08:39	JME	TAL SAV
Total/NA	Analysis	350.1		20	346328	08/27/14 16:40	JME	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	351.2		1	347235	09/03/14 13:44	AJO	TAL SAV
Soluble	Leach	DI Leach			346039	08/27/14 09:00	GRX	TAL SAV
Soluble	Analysis	353.2		1	346411	08/28/14 12:42	GRX	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	365.4		1	347234	09/03/14 13:44	AJO	TAL SAV
Total/NA	Prep	9012B			346050	08/27/14 08:10	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346181	08/27/14 12:29	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346541	08/29/14 08:49	JRJ	TAL SAV
Total/NA	Analysis	9065		1	346682	08/29/14 14:01	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	345877	08/26/14 09:41	HML	TAL SAV

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp 6-1B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			346303	08/27/14 20:15	DSF	TAL SAV
SPLP	Analysis	8260B		1	346522	08/29/14 14:52	TF1	TAL SAV
Total/NA	Prep	5030B			346635	08/29/14 08:00	TAR	TAL SAV
Total/NA	Analysis	8260B		1	346737	08/30/14 16:31	TAR	TAL SAV
SPLP East	Leach	1312			111369	08/27/14 18:45	CWA	TAL TAL
SPLP East	Prep	3520C			111368	09/02/14 19:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111444	09/04/14 12:28	VHW	TAL TAL
Total/NA	Prep	3546			346353	08/28/14 21:32	JMK	TAL SAV
Total/NA	Analysis	8270D		1	346880	09/02/14 19:06	RAM	TAL SAV
SPLP East	Leach	1312			111369	08/27/14 18:45	CWA	TAL TAL
SPLP East	Prep	3511			111372	09/03/14 06:14	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111377	09/03/14 17:00	CWA	TAL TAL
Total/NA	Prep	3546			346293	08/27/14 22:43	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	346447	08/28/14 19:54	JCK	TAL SAV
Soluble	Leach	DI Leach			347557	08/28/14 16:10	CMB	TAL SAV
Soluble	Analysis	9056A		5	346639	08/29/14 16:16	DAS	TAL SAV
SPLP East	Leach	1312			346266	08/27/14 18:45	JDS	TAL SAV
SPLP East	Prep	3010A			348702	09/12/14 15:52	BCB	TAL SAV
SPLP East	Analysis	6020A		1	348758	09/12/14 19:17	BWR	TAL SAV
Total/NA	Prep	3050B			345878	08/26/14 09:51	CRW	TAL SAV
Total/NA	Analysis	6020A		1	347123	09/03/14 05:41	BWR	TAL SAV
SPLP East	Leach	1312			346266	08/27/14 18:45	JDS	TAL SAV
SPLP East	Prep	7470A			346841	09/02/14 09:24	JKL	TAL SAV
SPLP East	Analysis	7470A		1	347208	09/03/14 10:09	BCB	TAL SAV
Total/NA	Prep	7471A			345959	08/26/14 13:39	JKL	TAL SAV
Total/NA	Analysis	7471A		1	346248	08/27/14 15:28	JKL	TAL SAV
Total/NA	Prep	3-154			346154	08/27/14 08:39	JME	TAL SAV
Total/NA	Analysis	350.1		5	346328	08/27/14 16:10	JME	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	351.2		2	347235	09/03/14 14:36	AJO	TAL SAV
Soluble	Leach	DI Leach			346039	08/27/14 09:00	GRX	TAL SAV
Soluble	Analysis	353.2		1	346411	08/28/14 12:43	GRX	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	365.4		1	347234	09/03/14 13:45	AJO	TAL SAV
Total/NA	Prep	9012B			346050	08/27/14 08:10	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346181	08/27/14 12:30	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346541	08/29/14 08:49	JRJ	TAL SAV
Total/NA	Analysis	9065		1	346682	08/29/14 14:01	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	345877	08/26/14 09:41	HML	TAL SAV

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp 6-2B

Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			346303	08/27/14 20:15	DSF	TAL SAV
SPLP	Analysis	8260B		1	346522	08/29/14 15:14	TF1	TAL SAV
Total/NA	Prep	5030B			346635	08/29/14 08:00	TAR	TAL SAV
Total/NA	Analysis	8260B		1	346514	08/29/14 18:55	TAR	TAL SAV
SPLP East	Leach	1312			111369	08/27/14 18:45	CWA	TAL TAL
SPLP East	Prep	3520C			111368	09/02/14 19:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111444	09/04/14 13:29	VHW	TAL TAL
Total/NA	Prep	3546			346353	08/28/14 21:32	JMK	TAL SAV
Total/NA	Analysis	8270D		1	346880	09/02/14 19:30	RAM	TAL SAV
SPLP East	Leach	1312			111369	08/27/14 18:45	CWA	TAL TAL
SPLP East	Prep	3511			111372	09/03/14 06:14	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111377	09/03/14 17:58	CWA	TAL TAL
Total/NA	Prep	3546			346293	08/27/14 22:43	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	346447	08/28/14 20:08	JCK	TAL SAV
Soluble	Leach	DI Leach			347557	08/28/14 16:10	CMB	TAL SAV
Soluble	Analysis	9056A		5	346639	08/29/14 17:29	DAS	TAL SAV
SPLP East	Leach	1312			346266	08/27/14 18:45	JDS	TAL SAV
SPLP East	Prep	3010A			348702	09/12/14 15:52	BCB	TAL SAV
SPLP East	Analysis	6020A		1	348758	09/12/14 19:24	BWR	TAL SAV
Total/NA	Prep	3050B			345878	08/26/14 09:51	CRW	TAL SAV
Total/NA	Analysis	6020A		1	347123	09/03/14 05:48	BWR	TAL SAV
SPLP East	Leach	1312			346266	08/27/14 18:45	JDS	TAL SAV
SPLP East	Prep	7470A			346841	09/02/14 09:24	JKL	TAL SAV
SPLP East	Analysis	7470A		1	347208	09/03/14 10:17	BCB	TAL SAV
Total/NA	Prep	7471A			345959	08/26/14 13:39	JKL	TAL SAV
Total/NA	Analysis	7471A		1	346248	08/27/14 15:31	JKL	TAL SAV
Total/NA	Prep	3-154			346154	08/27/14 08:39	JME	TAL SAV
Total/NA	Analysis	350.1		5	346328	08/27/14 16:20	JME	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	351.2		2	347235	09/03/14 14:37	AJO	TAL SAV
Soluble	Leach	DI Leach			346039	08/27/14 09:00	GRX	TAL SAV
Soluble	Analysis	353.2		1	346411	08/28/14 12:44	GRX	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	365.4		1	347234	09/03/14 13:47	AJO	TAL SAV
Total/NA	Prep	9012B			346050	08/27/14 08:10	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346181	08/27/14 12:31	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346541	08/29/14 08:49	JRJ	TAL SAV
Total/NA	Analysis	9065		1	346682	08/29/14 14:01	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	345877	08/26/14 09:41	HML	TAL SAV

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp 6-3B

Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			346303	08/27/14 20:15	DSF	TAL SAV
SPLP	Analysis	8260B		1	346522	08/29/14 15:35	TF1	TAL SAV
Total/NA	Prep	5030B			346635	08/29/14 08:00	TAR	TAL SAV
Total/NA	Analysis	8260B		1	346514	08/29/14 19:16	TAR	TAL SAV
SPLP East	Leach	1312			111369	08/27/14 18:45	CWA	TAL TAL
SPLP East	Prep	3520C			111368	09/02/14 19:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111444	09/04/14 14:00	VHW	TAL TAL
Total/NA	Prep	3546			346353	08/28/14 21:32	JMK	TAL SAV
Total/NA	Analysis	8270D		1	346880	09/02/14 19:55	RAM	TAL SAV
SPLP East	Leach	1312			111369	08/27/14 18:45	CWA	TAL TAL
SPLP East	Prep	3511			111372	09/03/14 06:14	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111377	09/03/14 18:13	CWA	TAL TAL
Total/NA	Prep	3546			346293	08/27/14 22:43	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	346447	08/28/14 20:23	JCK	TAL SAV
Soluble	Leach	DI Leach			347557	08/28/14 16:10	CMB	TAL SAV
Soluble	Analysis	9056A		5	346639	08/29/14 17:57	DAS	TAL SAV
SPLP East	Leach	1312			346266	08/27/14 18:45	JDS	TAL SAV
SPLP East	Prep	3010A			348702	09/12/14 15:52	BCB	TAL SAV
SPLP East	Analysis	6020A		1	348758	09/12/14 19:32	BWR	TAL SAV
Total/NA	Prep	3050B			345878	08/26/14 09:51	CRW	TAL SAV
Total/NA	Analysis	6020A		1	347123	09/03/14 05:55	BWR	TAL SAV
SPLP East	Leach	1312			346266	08/27/14 18:45	JDS	TAL SAV
SPLP East	Prep	7470A			346841	09/02/14 09:24	JKL	TAL SAV
SPLP East	Analysis	7470A		1	347208	09/03/14 10:20	BCB	TAL SAV
Total/NA	Prep	7471A			345959	08/26/14 13:39	JKL	TAL SAV
Total/NA	Analysis	7471A		1	346248	08/27/14 15:34	JKL	TAL SAV
Total/NA	Prep	3-154			346154	08/27/14 08:39	JME	TAL SAV
Total/NA	Analysis	350.1		10	346328	08/27/14 16:40	JME	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	351.2		10	347235	09/03/14 14:38	AJO	TAL SAV
Soluble	Leach	DI Leach			346039	08/27/14 09:00	GRX	TAL SAV
Soluble	Analysis	353.2		1	346411	08/28/14 12:45	GRX	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	365.4		1	347234	09/03/14 13:48	AJO	TAL SAV
Total/NA	Prep	9012B			346050	08/27/14 08:10	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346181	08/27/14 12:32	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346541	08/29/14 08:49	JRJ	TAL SAV
Total/NA	Analysis	9065		1	346682	08/29/14 14:01	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	345877	08/26/14 09:41	HML	TAL SAV

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp 7-1B

Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			346510	08/29/14 00:00	DSF	TAL SAV
SPLP	Analysis	8260B		1	346815	09/02/14 13:56	MMT	TAL SAV
Total/NA	Prep	5030B			346635	08/29/14 08:00	TAR	TAL SAV
Total/NA	Analysis	8260B		1	346514	08/29/14 19:37	TAR	TAL SAV
SPLP East	Leach	1312			111369	08/27/14 18:45	CWA	TAL TAL
SPLP East	Prep	3520C			111368	09/02/14 19:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111444	09/04/14 14:32	VHW	TAL TAL
Total/NA	Prep	3546			346353	08/28/14 21:32	JMK	TAL SAV
Total/NA	Analysis	8270D		1	346880	09/02/14 20:19	RAM	TAL SAV
SPLP East	Leach	1312			111369	08/27/14 18:45	CWA	TAL TAL
SPLP East	Prep	3511			111372	09/03/14 06:14	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111377	09/03/14 18:27	CWA	TAL TAL
Total/NA	Prep	3546			346293	08/27/14 22:43	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	346447	08/28/14 20:37	JCK	TAL SAV
Soluble	Leach	DI Leach			347557	08/28/14 16:10	CMB	TAL SAV
Soluble	Analysis	9056A		5	346639	08/29/14 18:12	DAS	TAL SAV
SPLP East	Leach	1312			346266	08/27/14 18:45	JDS	TAL SAV
SPLP East	Prep	3010A			348702	09/12/14 15:52	BCB	TAL SAV
SPLP East	Analysis	6020A		1	348758	09/12/14 17:51	BWR	TAL SAV
Total/NA	Prep	3050B			345878	08/26/14 09:51	CRW	TAL SAV
Total/NA	Analysis	6020A		1	347123	09/03/14 06:02	BWR	TAL SAV
SPLP East	Leach	1312			346266	08/27/14 18:45	JDS	TAL SAV
SPLP East	Prep	7470A			346841	09/02/14 09:24	JKL	TAL SAV
SPLP East	Analysis	7470A		1	347208	09/03/14 10:23	BCB	TAL SAV
Total/NA	Prep	7471A			345959	08/26/14 13:39	JKL	TAL SAV
Total/NA	Analysis	7471A		1	346248	08/27/14 15:37	JKL	TAL SAV
Total/NA	Prep	3-154			346154	08/27/14 08:39	JME	TAL SAV
Total/NA	Analysis	350.1		10	346328	08/27/14 16:40	JME	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	351.2		2	347235	09/03/14 14:39	AJO	TAL SAV
Soluble	Leach	DI Leach			346039	08/27/14 09:00	GRX	TAL SAV
Soluble	Analysis	353.2		1	346411	08/28/14 12:46	GRX	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	365.4		1	347234	09/03/14 13:49	AJO	TAL SAV
Total/NA	Prep	9012B			346050	08/27/14 08:10	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346181	08/27/14 12:34	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346541	08/29/14 08:49	JRJ	TAL SAV
Total/NA	Analysis	9065		1	346682	08/29/14 14:01	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	345877	08/26/14 09:41	HML	TAL SAV

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp 7-2B
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			346510	08/29/14 00:00	DSF	TAL SAV
SPLP	Analysis	8260B		1	346815	09/02/14 14:18	MMT	TAL SAV
Total/NA	Prep	5030B			346635	08/29/14 08:00	TAR	TAL SAV
Total/NA	Analysis	8260B		1	346514	08/29/14 19:58	TAR	TAL SAV
SPLP East	Leach	1312			111369	08/27/14 18:45	CWA	TAL TAL
SPLP East	Prep	3520C			111368	09/02/14 19:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111444	09/04/14 15:04	VHW	TAL TAL
Total/NA	Prep	3546			346353	08/28/14 21:32	JMK	TAL SAV
Total/NA	Analysis	8270D		1	347177	09/03/14 18:44	LEG	TAL SAV
SPLP East	Leach	1312			111369	08/27/14 18:45	CWA	TAL TAL
SPLP East	Prep	3511			111372	09/03/14 06:14	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111377	09/03/14 18:42	CWA	TAL TAL
Total/NA	Prep	3546			346293	08/27/14 22:43	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	346447	08/28/14 20:52	JCK	TAL SAV
Soluble	Leach	DI Leach			347557	08/28/14 16:10	CMB	TAL SAV
Soluble	Analysis	9056A		5	346639	08/29/14 18:26	DAS	TAL SAV
SPLP East	Leach	1312			346266	08/27/14 18:45	JDS	TAL SAV
SPLP East	Prep	3010A			348702	09/12/14 15:52	BCB	TAL SAV
SPLP East	Analysis	6020A		1	348758	09/12/14 19:39	BWR	TAL SAV
Total/NA	Prep	3050B			345878	08/26/14 09:51	CRW	TAL SAV
Total/NA	Analysis	6020A		1	347123	09/03/14 06:10	BWR	TAL SAV
SPLP East	Leach	1312			346266	08/27/14 18:45	JDS	TAL SAV
SPLP East	Prep	7470A			346841	09/02/14 09:24	JKL	TAL SAV
SPLP East	Analysis	7470A		1	347208	09/03/14 10:32	BCB	TAL SAV
Total/NA	Prep	7471A			345959	08/26/14 13:39	JKL	TAL SAV
Total/NA	Analysis	7471A		1	346248	08/27/14 15:40	JKL	TAL SAV
Total/NA	Prep	3-154			346154	08/27/14 08:39	JME	TAL SAV
Total/NA	Analysis	350.1		5	346328	08/27/14 16:20	JME	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	351.2		1	347235	09/03/14 13:52	AJO	TAL SAV
Soluble	Leach	DI Leach			346039	08/27/14 09:00	GRX	TAL SAV
Soluble	Analysis	353.2		1	346411	08/28/14 12:50	GRX	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	365.4		1	347234	09/03/14 13:52	AJO	TAL SAV
Total/NA	Prep	9012B			346050	08/27/14 08:10	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346181	08/27/14 12:35	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346541	08/29/14 08:49	JRJ	TAL SAV
Total/NA	Analysis	9065		1	346682	08/29/14 14:29	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	345877	08/26/14 09:41	HML	TAL SAV

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp 7-3B

Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			346510	08/29/14 00:00	DSF	TAL SAV
SPLP	Analysis	8260B		1	346815	09/02/14 14:39	MMT	TAL SAV
Total/NA	Prep	5030B			346635	08/29/14 08:00	TAR	TAL SAV
Total/NA	Analysis	8260B		1	346514	08/29/14 20:19	TAR	TAL SAV
SPLP East	Leach	1312			111369	08/27/14 18:45	CWA	TAL TAL
SPLP East	Prep	3520C			111368	09/02/14 19:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111444	09/04/14 15:36	VHW	TAL TAL
Total/NA	Prep	3546			347583	09/05/14 13:46	JMV	TAL SAV
Total/NA	Analysis	8270D		1	347824	09/08/14 16:20	LEG	TAL SAV
SPLP East	Leach	1312			111369	08/27/14 18:45	CWA	TAL TAL
SPLP East	Prep	3511			111372	09/03/14 06:14	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111409	09/04/14 16:34	CWA	TAL TAL
Total/NA	Prep	3546			346293	08/27/14 22:43	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	346447	08/28/14 21:06	JCK	TAL SAV
Soluble	Leach	DI Leach			347557	08/28/14 16:10	CMB	TAL SAV
Soluble	Analysis	9056A		10	346639	08/29/14 18:41	DAS	TAL SAV
SPLP East	Leach	1312			346266	08/27/14 18:45	JDS	TAL SAV
SPLP East	Prep	3010A			348702	09/12/14 15:52	BCB	TAL SAV
SPLP East	Analysis	6020A		1	348758	09/12/14 20:15	BWR	TAL SAV
Total/NA	Prep	3050B			345878	08/26/14 09:51	CRW	TAL SAV
Total/NA	Analysis	6020A		1	347123	09/03/14 06:17	BWR	TAL SAV
SPLP East	Leach	1312			346266	08/27/14 18:45	JDS	TAL SAV
SPLP East	Prep	7470A			346841	09/02/14 09:24	JKL	TAL SAV
SPLP East	Analysis	7470A		1	347208	09/03/14 10:35	BCB	TAL SAV
Total/NA	Prep	7471A			345959	08/26/14 13:39	JKL	TAL SAV
Total/NA	Analysis	7471A		1	346248	08/27/14 15:43	JKL	TAL SAV
Total/NA	Prep	3-154			346154	08/27/14 08:39	JME	TAL SAV
Total/NA	Analysis	350.1		5	346328	08/27/14 16:20	JME	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	351.2		1	347235	09/03/14 13:53	AJO	TAL SAV
Soluble	Leach	DI Leach			346039	08/27/14 09:00	GRX	TAL SAV
Soluble	Analysis	353.2		1	346411	08/28/14 12:51	GRX	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	365.4		1	347234	09/03/14 13:53	AJO	TAL SAV
Total/NA	Prep	9012B			346050	08/27/14 08:10	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346181	08/27/14 12:36	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346541	08/29/14 08:49	JRJ	TAL SAV
Total/NA	Analysis	9065		1	346682	08/29/14 14:01	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	345877	08/26/14 09:41	HML	TAL SAV

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: Comp 7-4B

Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			346510	08/29/14 00:00	DSF	TAL SAV
SPLP	Analysis	8260B		1	346815	09/02/14 15:01	MMT	TAL SAV
Total/NA	Prep	5030B			346795	08/31/14 15:42	DJK	TAL SAV
Total/NA	Analysis	8260B		1	346789	08/31/14 18:21	DJK	TAL SAV
SPLP East	Leach	1312			111369	08/27/14 18:45	CWA	TAL TAL
SPLP East	Prep	3520C			111368	09/02/14 19:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111444	09/04/14 16:07	VHW	TAL TAL
Total/NA	Prep	3546			346353	08/28/14 21:32	JMK	TAL SAV
Total/NA	Analysis	8270D		1	347177	09/03/14 19:36	LEG	TAL SAV
SPLP East	Leach	1312			111369	08/27/14 18:45	CWA	TAL TAL
SPLP East	Prep	3511			111372	09/03/14 06:14	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111409	09/04/14 16:49	CWA	TAL TAL
Total/NA	Prep	3546			346293	08/27/14 22:43	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	346447	08/28/14 21:21	JCK	TAL SAV
Soluble	Leach	DI Leach			347557	08/28/14 16:10	CMB	TAL SAV
Soluble	Analysis	9056A		5	346639	08/29/14 18:55	DAS	TAL SAV
SPLP East	Leach	1312			346266	08/27/14 18:45	JDS	TAL SAV
SPLP East	Prep	3010A			348702	09/12/14 15:52	BCB	TAL SAV
SPLP East	Analysis	6020A		1	348758	09/12/14 20:22	BWR	TAL SAV
Total/NA	Prep	3050B			345878	08/26/14 09:51	CRW	TAL SAV
Total/NA	Analysis	6020A		1	347123	09/03/14 06:24	BWR	TAL SAV
SPLP East	Leach	1312			346266	08/27/14 18:45	JDS	TAL SAV
SPLP East	Prep	7470A			346841	09/02/14 09:24	JKL	TAL SAV
SPLP East	Analysis	7470A		1	347208	09/03/14 10:38	BCB	TAL SAV
Total/NA	Prep	7471A			345959	08/26/14 13:39	JKL	TAL SAV
Total/NA	Analysis	7471A		1	346248	08/27/14 15:46	JKL	TAL SAV
Total/NA	Prep	3-154			346154	08/27/14 08:39	JME	TAL SAV
Total/NA	Analysis	350.1		10	346328	08/27/14 16:40	JME	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	351.2		2	347235	09/03/14 14:40	AJO	TAL SAV
Soluble	Leach	DI Leach			346039	08/27/14 09:00	GRX	TAL SAV
Soluble	Analysis	353.2		1	346411	08/28/14 12:52	GRX	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	365.4		1	347234	09/03/14 13:54	AJO	TAL SAV
Total/NA	Prep	9012B			346050	08/27/14 08:10	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346181	08/27/14 12:37	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346541	08/29/14 08:49	JRJ	TAL SAV
Total/NA	Analysis	9065		1	346682	08/29/14 14:01	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	345877	08/26/14 09:41	HML	TAL SAV

Client Sample ID: 1D

Lab Sample ID: 660-62441-14

Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 66.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			349031	09/15/14 14:25	DAS	TAL SAV
Soluble	Analysis	9056A		5	349209	09/16/14 14:27	DAS	TAL SAV
Total/NA	Prep	3-154			346154	08/27/14 08:39	JME	TAL SAV
Total/NA	Analysis	350.1		2	346328	08/27/14 16:20	JME	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	351.2		1	347235	09/03/14 13:55	AJO	TAL SAV
Soluble	Leach	DI Leach			346039	08/27/14 09:00	GRX	TAL SAV
Soluble	Analysis	353.2		1	346411	08/28/14 12:53	GRX	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	365.4		1	347234	09/03/14 13:55	AJO	TAL SAV
Total/NA	Analysis	Moisture		1	345877	08/26/14 09:41	HML	TAL SAV

Client Sample ID: 1E

Lab Sample ID: 660-62441-15

Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 36.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			349031	09/15/14 14:25	DAS	TAL SAV
Soluble	Analysis	9056A		5	349209	09/16/14 14:41	DAS	TAL SAV
Total/NA	Prep	3-154			346154	08/27/14 08:39	JME	TAL SAV
Total/NA	Analysis	350.1		5	346328	08/27/14 16:20	JME	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	351.2		1	347235	09/03/14 13:56	AJO	TAL SAV
Soluble	Leach	DI Leach			346039	08/27/14 09:00	GRX	TAL SAV
Soluble	Analysis	353.2		1	346411	08/28/14 12:55	GRX	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	365.4		1	347234	09/03/14 13:56	AJO	TAL SAV
Total/NA	Analysis	Moisture		1	345877	08/26/14 09:41	HML	TAL SAV

Client Sample ID: 1F

Lab Sample ID: 660-62441-16

Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 23.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			349031	09/15/14 14:25	DAS	TAL SAV
Soluble	Analysis	9056A		5	349209	09/16/14 14:55	DAS	TAL SAV
Total/NA	Prep	3-154			346154	08/27/14 08:39	JME	TAL SAV
Total/NA	Analysis	350.1		10	346328	08/27/14 16:50	JME	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	351.2		2	347235	09/03/14 14:41	AJO	TAL SAV
Soluble	Leach	DI Leach			346039	08/27/14 09:00	GRX	TAL SAV
Soluble	Analysis	353.2		1	346411	08/28/14 12:56	GRX	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: 1F

Lab Sample ID: 660-62441-16

Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 23.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	365.4		1	347234	09/03/14 13:57	AJO	TAL SAV
Total/NA	Analysis	Moisture		1	345877	08/26/14 09:41	HML	TAL SAV

Client Sample ID: 1G

Lab Sample ID: 660-62441-17

Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 43.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			349031	09/15/14 14:25	DAS	TAL SAV
Soluble	Analysis	9056A		5	349209	09/16/14 15:10	DAS	TAL SAV
Total/NA	Prep	3-154			346154	08/27/14 08:39	JME	TAL SAV
Total/NA	Analysis	350.1		10	346328	08/27/14 16:40	JME	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	351.2		1	347235	09/03/14 13:59	AJO	TAL SAV
Soluble	Leach	DI Leach			346039	08/27/14 09:00	GRX	TAL SAV
Soluble	Analysis	353.2		1	346411	08/28/14 12:57	GRX	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	365.4		1	347234	09/03/14 13:59	AJO	TAL SAV
Total/NA	Analysis	Moisture		1	345877	08/26/14 09:41	HML	TAL SAV

Client Sample ID: 5E

Lab Sample ID: 660-62441-18

Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 72.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			349031	09/15/14 14:25	DAS	TAL SAV
Soluble	Analysis	9056A		5	349209	09/16/14 15:53	DAS	TAL SAV
Total/NA	Prep	3-154			346154	08/27/14 08:39	JME	TAL SAV
Total/NA	Analysis	350.1		2	346328	08/27/14 16:30	JME	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	351.2		1	347235	09/03/14 14:00	AJO	TAL SAV
Soluble	Leach	DI Leach			346039	08/27/14 09:00	GRX	TAL SAV
Soluble	Analysis	353.2		1	346411	08/28/14 12:58	GRX	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	365.4		1	347234	09/03/14 14:00	AJO	TAL SAV
Total/NA	Analysis	Moisture		1	345877	08/26/14 09:41	HML	TAL SAV

Client Sample ID: 6F

Lab Sample ID: 660-62441-19

Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 30.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			349031	09/15/14 14:25	DAS	TAL SAV

Client Sample ID: 6F

Lab Sample ID: 660-62441-19

Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 30.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Analysis	9056A		5	349209	09/16/14 16:07	DAS	TAL SAV
Total/NA	Prep	3-154			346154	08/27/14 08:39	JME	TAL SAV
Total/NA	Analysis	350.1		10	346328	08/27/14 16:50	JME	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	351.2		2	347235	09/03/14 16:09	AJO	TAL SAV
Soluble	Leach	DI Leach			346039	08/27/14 09:00	GRX	TAL SAV
Soluble	Analysis	353.2		1	346411	08/28/14 12:59	GRX	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	365.4		1	347234	09/03/14 14:01	AJO	TAL SAV
Total/NA	Analysis	Moisture		1	345877	08/26/14 09:41	HML	TAL SAV

Client Sample ID: 6G

Lab Sample ID: 660-62441-20

Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 22.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			349031	09/15/14 14:25	DAS	TAL SAV
Soluble	Analysis	9056A		5	349209	09/16/14 16:22	DAS	TAL SAV
Total/NA	Prep	3-154			346154	08/27/14 08:39	JME	TAL SAV
Total/NA	Analysis	350.1		10	346328	08/27/14 16:50	JME	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	351.2		10	347235	09/03/14 16:10	AJO	TAL SAV
Soluble	Leach	DI Leach			346039	08/27/14 09:00	GRX	TAL SAV
Soluble	Analysis	353.2		1	346411	08/28/14 13:20	GRX	TAL SAV
Total/NA	Prep	Digestion			346906	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	365.4		1	347234	09/03/14 14:02	AJO	TAL SAV
Total/NA	Analysis	Moisture		1	345877	08/26/14 09:41	HML	TAL SAV

Client Sample ID: 7F

Lab Sample ID: 660-62441-21

Date Collected: 08/22/14 16:00
Matrix: Solid
Date Received: 08/23/14 09:16
Percent Solids: 11.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			349031	09/15/14 14:25	DAS	TAL SAV
Soluble	Analysis	9056A		5	349209	09/16/14 16:36	DAS	TAL SAV
Total/NA	Prep	3-154			346173	08/27/14 08:39	JME	TAL SAV
Total/NA	Analysis	350.1		5	346327	08/27/14 16:59	JME	TAL SAV
Total/NA	Prep	Digestion			346907	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	351.2		10	347235	09/03/14 16:11	AJO	TAL SAV
Soluble	Leach	DI Leach			346040	08/27/14 09:00	GRX	TAL SAV
Soluble	Analysis	353.2		1	346241	08/27/14 15:57	GRX	TAL SAV
Total/NA	Prep	Digestion			346907	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	365.4		1	347234	09/03/14 14:07	AJO	TAL SAV

Client Sample ID: 7F

Lab Sample ID: 660-62441-21

Date Collected: 08/22/14 16:00

Matrix: Solid

Date Received: 08/23/14 09:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	345877	08/26/14 09:41	HML	TAL SAV

Client Sample ID: 7G

Lab Sample ID: 660-62441-22

Date Collected: 08/22/14 16:00

Matrix: Solid

Date Received: 08/23/14 09:16

Percent Solids: 24.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			349031	09/15/14 14:25	DAS	TAL SAV
Soluble	Analysis	9056A		5	349209	09/16/14 17:19	DAS	TAL SAV
Total/NA	Prep	3-154			346173	08/27/14 08:39	JME	TAL SAV
Total/NA	Analysis	350.1		5	346327	08/27/14 16:59	JME	TAL SAV
Total/NA	Prep	Digestion			346907	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	351.2		2	347372	09/04/14 12:24	AJO	TAL SAV
Soluble	Leach	DI Leach			346040	08/27/14 09:00	GRX	TAL SAV
Soluble	Analysis	353.2		1	346241	08/27/14 16:03	GRX	TAL SAV
Total/NA	Prep	Digestion			346907	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	365.4		1	347234	09/03/14 14:11	AJO	TAL SAV
Total/NA	Analysis	Moisture		1	345877	08/26/14 09:41	HML	TAL SAV

Client Sample ID: 7H

Lab Sample ID: 660-62441-23

Date Collected: 08/22/14 16:00

Matrix: Solid

Date Received: 08/23/14 09:16

Percent Solids: 53.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			349031	09/15/14 14:25	DAS	TAL SAV
Soluble	Analysis	9056A		5	349209	09/16/14 17:34	DAS	TAL SAV
Total/NA	Prep	3-154			346173	08/27/14 08:39	JME	TAL SAV
Total/NA	Analysis	350.1		5	346327	08/27/14 17:09	JME	TAL SAV
Total/NA	Prep	Digestion			346907	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	351.2		1	347235	09/03/14 14:13	AJO	TAL SAV
Soluble	Leach	DI Leach			346040	08/27/14 09:00	GRX	TAL SAV
Soluble	Analysis	353.2		1	346241	08/27/14 16:04	GRX	TAL SAV
Total/NA	Prep	Digestion			346907	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	365.4		1	347234	09/03/14 14:13	AJO	TAL SAV
Total/NA	Analysis	Moisture		1	345877	08/26/14 09:41	HML	TAL SAV

Client Sample ID: 7I

Lab Sample ID: 660-62441-24

Date Collected: 08/22/14 16:00

Matrix: Solid

Date Received: 08/23/14 09:16

Percent Solids: 28.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			349031	09/15/14 14:25	DAS	TAL SAV
Soluble	Analysis	9056A		5	349209	09/16/14 17:48	DAS	TAL SAV

Client Sample ID: 7I

Lab Sample ID: 660-62441-24

Date Collected: 08/22/14 16:00

Matrix: Solid

Date Received: 08/23/14 09:16

Percent Solids: 28.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3-154			346173	08/27/14 08:39	JME	TAL SAV
Total/NA	Analysis	350.1		5	346327	08/27/14 17:09	JME	TAL SAV
Total/NA	Prep	Digestion			346907	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	351.2		1	347235	09/03/14 14:14	AJO	TAL SAV
Soluble	Leach	DI Leach			346040	08/27/14 09:00	GRX	TAL SAV
Soluble	Analysis	353.2		1	346241	08/27/14 16:06	GRX	TAL SAV
Total/NA	Prep	Digestion			346907	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	365.4		1	347234	09/03/14 14:14	AJO	TAL SAV
Total/NA	Analysis	Moisture		1	345877	08/26/14 09:41	HML	TAL SAV

Client Sample ID: 3A

Lab Sample ID: 660-62441-25

Date Collected: 08/22/14 16:00

Matrix: Solid

Date Received: 08/23/14 09:16

Percent Solids: 46.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			349031	09/15/14 14:25	DAS	TAL SAV
Soluble	Analysis	9056A		5	349209	09/16/14 18:02	DAS	TAL SAV
Total/NA	Prep	3-154			346173	08/27/14 08:39	JME	TAL SAV
Total/NA	Analysis	350.1		5	346327	08/27/14 17:09	JME	TAL SAV
Total/NA	Prep	Digestion			346907	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	351.2		1	347235	09/03/14 14:15	AJO	TAL SAV
Soluble	Leach	DI Leach			346040	08/27/14 09:00	GRX	TAL SAV
Soluble	Analysis	353.2		1	346241	08/27/14 16:07	GRX	TAL SAV
Total/NA	Prep	Digestion			346907	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	365.4		1	347234	09/03/14 14:15	AJO	TAL SAV
Total/NA	Analysis	Moisture		1	345877	08/26/14 09:41	HML	TAL SAV

Client Sample ID: 3B

Lab Sample ID: 660-62441-26

Date Collected: 08/22/14 16:00

Matrix: Solid

Date Received: 08/23/14 09:16

Percent Solids: 20.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			349031	09/15/14 14:25	DAS	TAL SAV
Soluble	Analysis	9056A		5	349209	09/16/14 18:46	DAS	TAL SAV
Total/NA	Prep	3-154			346173	08/27/14 08:39	JME	TAL SAV
Total/NA	Analysis	350.1		10	346327	08/27/14 16:50	JME	TAL SAV
Total/NA	Prep	Digestion			346907	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	351.2		2	347235	09/03/14 16:16	AJO	TAL SAV
Soluble	Leach	DI Leach			346040	08/27/14 09:00	GRX	TAL SAV
Soluble	Analysis	353.2		1	346241	08/27/14 16:08	GRX	TAL SAV
Total/NA	Prep	Digestion			346907	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	365.4		1	347234	09/03/14 14:18	AJO	TAL SAV
Total/NA	Analysis	Moisture		1	345877	08/26/14 09:41	HML	TAL SAV

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Client Sample ID: 3C
Date Collected: 08/22/14 16:00
Date Received: 08/23/14 09:16

Lab Sample ID: 660-62441-27
Matrix: Solid
Percent Solids: 17.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			349031	09/15/14 14:25	DAS	TAL SAV
Soluble	Analysis	9056A		5	349209	09/16/14 19:00	DAS	TAL SAV
Total/NA	Prep	3-154			346173	08/27/14 08:39	JME	TAL SAV
Total/NA	Analysis	350.1		10	346327	08/27/14 16:59	JME	TAL SAV
Total/NA	Prep	Digestion			346907	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	351.2		2	347235	09/03/14 16:17	AJO	TAL SAV
Soluble	Leach	DI Leach			346040	08/27/14 09:00	GRX	TAL SAV
Soluble	Analysis	353.2		1	346241	08/27/14 16:09	GRX	TAL SAV
Total/NA	Prep	Digestion			346907	09/02/14 16:09	ASH	TAL SAV
Total/NA	Analysis	365.4		1	347234	09/03/14 14:19	AJO	TAL SAV
Total/NA	Analysis	Moisture		1	345877	08/26/14 09:41	HML	TAL SAV

Laboratory References:

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

TAL TAL = TestAmerica Tallahassee, 2846 Industrial Plaza Drive, Tallahassee, FL 32301, TEL (850)878-3994

Method Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL TAL
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL SAV
8081B/8082A	Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography	SW846	TAL TAL
8081B/8082A	Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography	SW846	TAL SAV
9056A	Anions, Ion Chromatography	SW846	TAL SAV
6020A	Metals (ICP/MS)	SW846	TAL SAV
7470A	Mercury (CVAA)	SW846	TAL SAV
7471A	Mercury (CVAA)	SW846	TAL SAV
350.1	Nitrogen, Ammonia	MCAWW	TAL SAV
351.2	Nitrogen, Total Kjeldahl	MCAWW	TAL SAV
353.2	Nitrogen, Nitrate-Nitrite	MCAWW	TAL SAV
365.4	Phosphorus, Total	EPA	TAL SAV
9012B	Cyanide, Total andor Amenable	SW846	TAL SAV
9065	Phenolics, Total Recoverable	SW846	TAL SAV
Moisture	Percent Moisture	EPA	TAL SAV

Protocol References:

EPA = US Environmental Protection Agency

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

TAL TAL = TestAmerica Tallahassee, 2846 Industrial Plaza Drive, Tallahassee, FL 32301, TEL (850)878-3994

Certification Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-15

Laboratory: TestAmerica Savannah

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
	AFCEE		SAVLAB	
A2LA	DoD ELAP		399.01	02-28-15
A2LA	ISO/IEC 17025		399.01	02-28-15
Alabama	State Program	4	41450	06-30-15
Arkansas DEQ	State Program	6	88-0692	01-31-15
California	NELAP	9	3217CA	07-31-14 *
Colorado	State Program	8	N/A	12-31-14
Connecticut	State Program	1	PH-0161	03-31-15
Florida	NELAP	4	E87052	06-30-15
GA Dept. of Agriculture	State Program	4	N/A	06-12-17
Georgia	State Program	4	N/A	06-30-15
Georgia	State Program	4	803	06-30-15
Guam	State Program	9	09-005r	04-16-15
Hawaii	State Program	9	N/A	06-30-15
Illinois	NELAP	5	200022	11-30-14
Indiana	State Program	5	N/A	06-30-15
Iowa	State Program	7	353	07-01-15
Kentucky (DW)	State Program	4	90084	12-31-14
Kentucky (UST)	State Program	4	18	06-30-15
Louisiana	NELAP	6	30690	06-30-14 *
Louisiana (DW)	NELAP	6	LA140023	12-31-14
Maine	State Program	1	GA00006	08-16-14 *
Maryland	State Program	3	250	12-31-14
Massachusetts	State Program	1	M-GA006	06-30-15
Michigan	State Program	5	9925	06-30-15
Mississippi	State Program	4	N/A	06-30-15
Montana	State Program	8	CERT0081	01-01-15
Nebraska	State Program	7	TestAmerica-Savannah	06-30-15
New Jersey	NELAP	2	GA769	06-30-15
New Mexico	State Program	6	N/A	06-30-15
New York	NELAP	2	10842	03-31-15
North Carolina (DW)	State Program	4	13701	07-31-15
North Carolina (WW/SW)	State Program	4	269	12-31-14
Oklahoma	State Program	6	9984	08-31-15
Pennsylvania	NELAP	3	68-00474	06-30-15
Puerto Rico	State Program	2	GA00006	12-31-14
South Carolina	State Program	4	98001	06-30-14 *
Tennessee	State Program	4	TN02961	06-30-15
Texas	NELAP	6	T104704185-08-TX	11-30-14
USDA	Federal		SAV 3-04	06-11-17
Virginia	NELAP	3	460161	06-14-15
Washington	State Program	10	C805	06-10-15
West Virginia (DW)	State Program	3	9950C	12-31-14
West Virginia DEP	State Program	3	94	06-30-15

* Certification renewal pending - certification considered valid.

Certification Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62441-1

Laboratory: TestAmerica Savannah (Continued)

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Wisconsin	State Program	5	999819810	08-31-15
Wyoming	State Program	8	8TMS-L	06-30-15

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-15
Georgia	State Program	4		06-30-15
Louisiana	NELAP	6	30663	06-30-15
New Jersey	NELAP	2	FL012	06-30-15
Texas	NELAP	6	T104704459-11-2	03-31-15

1/3

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

9/19/2014

Client Information	Sampler:	Lab PM: Robertson, Nancy	Carrier Tracking No(s):	COC No: 660-58418-18666.1
Client Contact: Mary Szafraniec	Phone: 8137483625	E-Mail: nancy.robertson@testamericainc.com		Page: Page 1 of 9
Company: AMEC Environment & Infrastructure, Inc.		Analysis Requested		Job #:

Address: 4919 W. Laurel St.	Due Date Requested:	
City: Tampa	TAT Requested (days):	
State, Zip: FL, 33607		
Phone:	PO #: Purchase Order Requested	
Email: mary.szafraniec@amec.com	WO #:	
Project Name: Lake Seminole Sed Less Comp Location Pro	Project #: 66007823	
Site:	SSOW#:	

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8081B - ALL TEST SPLP	8081B_8082A_8270D All Test Total	Total Number of Containers	Special Instructions/Note:
	Preservation Code:						N	N		
Comp 1-1 B	08222014	1600	C	Solid			1	1		
Comp 1-2 B				Solid			1	1		
Comp 1-3 B				Solid			1	1		
Comp 3-1 B				Solid			1	1		
Comp 5-1 B				Solid			1	1		
Comp 5-2 B				Solid			1	1		
Comp 6-1 B				Solid			1	1		
Comp 6-2 B				Solid			1	1		
Comp 6-3 B				Solid			1	1		
Comp 7-1 B				Solid			1	1		
Comp 7-2 B				Solid			1	1		

Possible Hazard Identification
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: APPLICE	Date: 8-21-14	Time: 1823	Method of Shipment: Drop off			
Relinquished by:	Date/Time: 8-23-14 900	Company: AMEC	Received by: Ed Carroll	Date/Time: 8/23/14 916	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 5.7, 6.0 C C0-09

2/3

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

9/19/2014

Client Information	Sampler:	Lab PM: Robertson, Nancy	Carrier Tracking No(s):	COC No: 660-58418-18666.2
Client Contact: Mary Szafraniec	Phone: 813 748 3625	E-Mail: nancy.robertson@testamericainc.com		Page: Page 2 of 9
Company: AMEC Environment & Infrastructure, Inc.		Analysis Requested		Job #:
Address: 4919 W. Laurel St.	Due Date Requested:			Preservation Codes:
City: Tampa	TAT Requested (days):			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: FL, 33607				
Phone:	PO #: Purchase Order Requested			Other:
Email: mary.szafraniec@amec.com	WO #:			
Project Name: Lake Seminole Sed Less Comp Location Pro	Project #: 66007823			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6081B - ALL TEST SPLP	8081B_8082A_8270D All test total nutrients	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N	N			
Comp 7-3B	08/22/2014	1600	C	Solid			1	1		
Comp 7-4B			C	Solid			1	1		
1D				Solid				1		
1E				Solid				1		
1F				Solid				1		
1G				Solid				1		
5E				Solid				1		
6F				Solid				1		
6G				Solid				1		
7F				Solid				1		
7G				Solid				1		

Possible Hazard Identification
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: RRICE	Date: 8-21-14	Time: 1823	Method of Shipment:		
Relinquished by: Murph	Date/Time: 8-23-14 900	Company: AMEC	Received by: Ed Carl	Date/Time: 8/23/14 916	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		

3/3

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: Robertson, Nancy	Carrier Tracking No(s):	COC No: 660-58418-18666.3
Client Contact: Mary Szafraniec	Phone: 813 7483625	E-Mail: nancy.robertson@testamericainc.com		Page: Page 3 of 9
Company: AMEC Environment & Infrastructure, Inc.				Job #:

Address: 4919 W. Laurel St.	Due Date Requested:	Analysis Requested
City: Tampa	TAT Requested (days):	
State, Zip: FL, 33607		
Phone:	PO #: Purchase Order Requested	
Email: mary.szafraniec@amec.com	WO #:	
Project Name: Lake Seminole Sed Less Comp Location Pro	Project #: 66007823	
Site:	SSOW#:	

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B_Low_Level_Water	8270C_PAH_Low_Level_Water	Nutrients	Total Number of Containers	Special Instructions/Note:
			Preservation Code:				N	N			
7H	08222014	1600	C	Solid					1		
7I	08222014	1600	C	Solid					1		
3A	"	"	"	Solid					1		
3B	"	"	"	Solid					1		
3C	↓	↓	↓	Solid					1		
				Solid							
				Solid							
				Solid							
				Solid							
				Solid							
				Solid							

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: RAMICE	Date: 8-21-14	Time: 1823	Method of Shipment:		
Relinquished by:	Date/Time: 8-23-14 900	Company	Received by:	Date/Time: 8/23/14 916	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

9/19/2014

Login Sample Receipt Checklist

Client: AMEC Environment & Infrastructure, Inc.

Job Number: 660-62441-1

Login Number: 62441

List Source: TestAmerica Tampa

List Number: 1

Creator: Williams, Jennifer

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	False	Check done at department level as required.

Login Sample Receipt Checklist

Client: AMEC Environment & Infrastructure, Inc.

Job Number: 660-62441-1

Login Number: 62441
List Number: 2
Creator: Conner, Keaton

List Source: TestAmerica Savannah
List Creation: 08/26/14 09:36 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AMEC Environment & Infrastructure, Inc.

Job Number: 660-62441-1

Login Number: 62441
List Number: 3
Creator: Amason, Chris

List Source: TestAmerica Tallahassee
List Creation: 09/02/14 06:07 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Tampa
6712 Benjamin Road
Suite 100
Tampa, FL 33634
Tel: (813)885-7427

TestAmerica Job ID: 660-62560-1
Client Project/Site: Lake Seminole Sed Less Comp Location

For:
AMEC Environment & Infrastructure, Inc.
4919 W. Laurel St.
Tampa, Florida 33607

Attn: Mary Szafraniec

Authorized for release by:
9/22/2014 10:04:29 AM

Nancy Robertson, Project Manager II
(813)885-7427
nancy.robertson@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. 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.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
660-62560-1	Comp 1-1F	Solid	08/29/14 12:00	08/29/14 13:53
660-62560-2	Comp 1-2F	Solid	08/29/14 12:00	08/29/14 13:53
660-62560-3	Comp 1-3F	Solid	08/29/14 12:00	08/29/14 13:53
660-62560-4	Comp 3-1F	Solid	08/29/14 12:00	08/29/14 13:53
660-62560-5	Comp 5-1F	Solid	08/29/14 12:00	08/29/14 13:53
660-62560-6	Comp 5-2F	Solid	08/29/14 12:00	08/29/14 13:53
660-62560-7	Comp 6-1F	Solid	08/29/14 12:00	08/29/14 13:53
660-62560-8	Comp 6-2F	Solid	08/29/14 12:00	08/29/14 13:53
660-62560-9	Comp 6-3F	Solid	08/29/14 12:00	08/29/14 13:53
660-62560-10	Comp 7-1F	Solid	08/29/14 12:00	08/29/14 13:53
660-62560-11	Comp 7-2F	Solid	08/29/14 12:00	08/29/14 13:53
660-62560-12	Comp 7-3F	Solid	08/29/14 12:00	08/29/14 13:53
660-62560-13	Comp 7-4F	Solid	08/29/14 12:00	08/29/14 13:53
660-62560-14	Area 1 Coarse Comp	Solid	08/29/14 12:00	08/29/14 13:53
660-62560-15	Area 3 Coarse Comp	Solid	08/29/14 12:00	08/29/14 13:53
660-62560-16	Area 5 Coarse Comp	Solid	08/29/14 12:00	08/29/14 13:53
660-62560-17	Area 6 Coarse Comp	Solid	08/29/14 12:00	08/29/14 13:53
660-62560-18	Area 7 Coarse Comp	Solid	08/29/14 12:00	08/29/14 13:53

Job ID: 660-62560-1

Laboratory: TestAmerica Tampa

Narrative

Job Narrative
660-62560-1

Comments
No additional comments.

Receipt
The samples were received on 8/29/2014 1:53 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 4.8º C, 5.3º C and 5.7º C.

GC/MS VOA
Method 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 346991 recovered outside control limits for the following analyte: Methylene Chloride. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported nd qualified with J3.

Method 8260B: One surrogate recovery for the following sample was outside control limits: Comp 6-3F (660-62560-9). Evidence of matrix interferences is not obvious, but all other surrogates in the sample were within limits. The sample is qualified with J1.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch numbers 346991, 34836, 34853 and 348864.

Method SPLP 8260B: Elevated reporting limits are provided for the following sample due to insufficient sample provided for analysis Comp 1-2F (660-62560-2).

Method 8260B: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch 348583 recovered outside control limits for the following analytes: acrolein and bromomethane. These analytes were biased high in the LCS and was not detected in the associated samples; therefore, the data has been reported and qualified with J3.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270D: The method blank for batch number 111513 had an estimated result between the MDL and PQL for Bis(2-ethylhexyl) phthalate, butyl benzyl phthalate. The samples are qualified with V and the results should be considered suspect.

Method 8270D: The % RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 111600 recovered outside control limits for the following analyte: diethyl phthalate. The percent recoveries were within control limits. The associated samples are qualified with J3.

Method 8270D: 6 surrogates are used for this analysis. The laboratory's SOP allows 2 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: Comp 6-3F (660-62560-9). These results have been reported and qualified with J1.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method 8081B: Both surrogate recoveries for the following samples were outside control limits: Comp 1-1F (660-62560-1), Comp 1-3F (660-62560-3), Comp 3-1F (660-62560-4), Comp 5-1F (660-62560-5), Comp 5-2F (660-62560-6), Comp 6-1F (660-62560-7), Comp 6-2F (660-62560-8), Comp 6-3F (660-62560-9), Comp 7-1F (660-62560-10), Comp 7-2F (660-62560-11), Comp 7-3F (660-62560-12), Comp 7-4F (660-62560-13). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed. The samples are qualified with J1.

Method SPLP 8081B: 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 samples contained an allowable number of surrogate compounds outside limits: Comp 6-1F (660-62560-7), Comp 6-2F (660-62560-8), Comp 6-3F (660-62560-9), Comp 7-2F (660-62560-11), Area 1 Coarse Comp (660-62560-14). These results have been reported and qualified with J1.

Job ID: 660-62560-1 (Continued)

Laboratory: TestAmerica Tampa (Continued)

Method 8081B: The following samples were diluted due to the nature of the sample matrix: Area 1 Coarse Comp (660-62560-14), Area 3 Coarse Comp (660-62560-15), Area 5 Coarse Comp (660-62560-16), Area 7 Coarse Comp (660-62560-18), Comp 1-1F (660-62560-1), Comp 1-2F (660-62560-2), Comp 1-3F (660-62560-3), Comp 3-1F (660-62560-4), Comp 5-1F (660-62560-5), Comp 5-2F (660-62560-6), Comp 6-1F (660-62560-7), Comp 6-2F (660-62560-8), Comp 6-3F (660-62560-9), Comp 7-1F (660-62560-10), Comp 7-2F (660-62560-11), Comp 7-3F (660-62560-12), Comp 7-4F (660-62560-13) Area 6 Coarse Comp (660-62560-17). The matrix in the undiluted run resulted in several analytes being outside of CCV criteria. These analytes were reported from the diluted sample with elevated reporting limits (RLs). All other analytes were reported from the undiluted analysis.

Method 8081B: The closing continuing calibration verification (CCV) standard associated with batch 347663 failed to meet acceptance limits on both columns used for the analysis. The associated samples were re-analyzed following a successful CCV and produced similar results, indicating that the sample matrix is adversely affecting the columns and causing the failures.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

Method 6020A: The matrix spike and or matrix spike duplicate (MS/MSD) recoveries for batch 348073 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. The sample is qualified with J3.

Method 6020A: The matrix spike and or matrix spike duplicate (MS/MSD) recoveries for batch 348928 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. The sample is qualified with J3.

Method 7470A: The matrix spike (MS) recovery for batch 348149 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. The sample is qualified with J3.

No additional analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

Method 350.1: The matrix spike duplicate (MSD) recovery for batch 347696 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. The sample is qualified with J3.

Method 351.2.1: The matrix spike duplicate (MSD) recovery for batch 347696 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. The sample is qualified with J3.

Method 9065: Spike compounds were inadvertently omitted during the extraction process for the matrix spike duplicate (MSD). The associated laboratory control sample (LCS) and initial matrix spike for this sample met acceptance criteria. The sample is qualified with J3.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

Method 3520C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 111508.

Method 3520C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 111505.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J1	Estimated value; value may not be accurate. Surrogate recovery outside of criteria.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
V	Indicates that the analyte was detected at or above the method detection limit in both the sample and the associated method blank and the value of 10 times the blank value was equal to or greater than the associated sample value.
J1	Estimated value; value may not be accurate. Surrogate recovery outside of criteria.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J1	Estimated value; value may not be accurate. Surrogate recovery outside of criteria.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.

HPLC/IC

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Indicates that the compound was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
U	Indicates that the compound was analyzed for but not detected.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

General Chemistry

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.
J3	Estimated value; value may not be accurate. Spike recovery or RPD outside of criteria.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

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
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 1-1F — Lab Sample ID: 660-62560-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	0.0059	I	0.012	0.0013	mg/Kg	1	☼	8081B/8082A	Total/NA
Chloride	2800		360	220	mg/Kg	5	☼	9056A	Soluble
Sulfate	220	I	360	220	mg/Kg	5	☼	9056A	Soluble
Arsenic	9.7		1.7	0.69	mg/Kg	1	☼	6020A	Total/NA
Barium	93	J3	3.5	0.90	mg/Kg	1	☼	6020A	Total/NA
Beryllium	1.4	J3	0.35	0.17	mg/Kg	1	☼	6020A	Total/NA
Cadmium	1.1	J3	0.35	0.083	mg/Kg	1	☼	6020A	Total/NA
Chromium	66	J3	3.5	1.7	mg/Kg	1	☼	6020A	Total/NA
Copper	30		3.5	1.4	mg/Kg	1	☼	6020A	Total/NA
Sodium	3200		170	110	mg/Kg	1	☼	6020A	Total/NA
Nickel	21		3.5	1.7	mg/Kg	1	☼	6020A	Total/NA
Lead	97	J3	1.4	0.69	mg/Kg	1	☼	6020A	Total/NA
Selenium	6.6		3.5	1.7	mg/Kg	1	☼	6020A	Total/NA
Thallium	0.26	I	0.69	0.17	mg/Kg	1	☼	6020A	Total/NA
Zinc	130	J3	14	3.8	mg/Kg	1	☼	6020A	Total/NA
Arsenic	15		2.5	2.5	ug/L	1		6020A	SPLP East
Barium	6.7		5.0	5.0	ug/L	1		6020A	SPLP East
Lead	5.0		1.5	1.5	ug/L	1		6020A	SPLP East
Selenium	2.5		2.5	2.5	ug/L	1		6020A	SPLP East
Mercury	0.19		0.13	0.054	mg/Kg	1	☼	7471A	Total/NA
Ammonia (as N)	790		44	19	mg/Kg	20	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	9600	J3	3200	1900	mg/Kg	10	☼	351.2	Total/NA
Total Phosphorus as P	2500		130	70	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: Comp 1-2F — Lab Sample ID: 660-62560-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	0.27	I	2.6	0.25	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.25	I	2.6	0.21	mg/Kg	1	☼	8270D	Total/NA
4,4'-DDE	0.0050	I	0.013	0.0014	mg/Kg	1	☼	8081B/8082A	Total/NA
Chloride	1400		400	240	mg/Kg	5	☼	9056A	Soluble
Sulfate	370	I	400	240	mg/Kg	5	☼	9056A	Soluble
Arsenic	11		1.8	0.73	mg/Kg	1	☼	6020A	Total/NA
Barium	74		3.6	0.94	mg/Kg	1	☼	6020A	Total/NA
Beryllium	1.1		0.36	0.18	mg/Kg	1	☼	6020A	Total/NA
Cadmium	1.3		0.36	0.087	mg/Kg	1	☼	6020A	Total/NA
Chromium	67		3.6	1.8	mg/Kg	1	☼	6020A	Total/NA
Copper	38		3.6	1.5	mg/Kg	1	☼	6020A	Total/NA
Sodium	2000		180	120	mg/Kg	1	☼	6020A	Total/NA
Nickel	23		3.6	1.8	mg/Kg	1	☼	6020A	Total/NA
Lead	200		1.5	0.73	mg/Kg	1	☼	6020A	Total/NA
Selenium	5.3		3.6	1.8	mg/Kg	1	☼	6020A	Total/NA
Thallium	0.25	I	0.73	0.18	mg/Kg	1	☼	6020A	Total/NA
Zinc	180		15	4.0	mg/Kg	1	☼	6020A	Total/NA
Arsenic	14		2.5	2.5	ug/L	1		6020A	SPLP East
Lead	1.8		1.5	1.5	ug/L	1		6020A	SPLP East
Mercury	0.26		0.13	0.055	mg/Kg	1	☼	7471A	Total/NA
Ammonia (as N)	190	J3	12	5.1	mg/Kg	5	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	9700		7900	4700	mg/Kg	10	☼	351.2	Total/NA
Total Phosphorus as P	2100		140	78	mg/Kg	1	☼	365.4	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 1-3F — Lab Sample ID: 660-62560-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	3.4		1.0	1.0	ug/L	1		8260B	SPLP
Methylene Chloride	47		5.0	5.0	ug/L	1		8260B	SPLP
Fluoranthene	0.39	I	3.0	0.29	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.38	I	3.0	0.25	mg/Kg	1	☼	8270D	Total/NA
4,4'-DDE	0.0040	I	0.015	0.0016	mg/Kg	1	☼	8081B/8082A	Total/NA
Chloride	1600		460	270	mg/Kg	5	☼	9056A	Soluble
Sulfate	340	I	460	270	mg/Kg	5	☼	9056A	Soluble
Arsenic	11		2.0	0.81	mg/Kg	1	☼	6020A	Total/NA
Barium	76		4.1	1.1	mg/Kg	1	☼	6020A	Total/NA
Beryllium	1.5		0.41	0.20	mg/Kg	1	☼	6020A	Total/NA
Cadmium	1.4		0.41	0.097	mg/Kg	1	☼	6020A	Total/NA
Chromium	63		4.1	2.0	mg/Kg	1	☼	6020A	Total/NA
Copper	40		4.1	1.6	mg/Kg	1	☼	6020A	Total/NA
Sodium	2200		200	130	mg/Kg	1	☼	6020A	Total/NA
Nickel	23		4.1	2.0	mg/Kg	1	☼	6020A	Total/NA
Lead	240		1.6	0.81	mg/Kg	1	☼	6020A	Total/NA
Selenium	6.4		4.1	2.0	mg/Kg	1	☼	6020A	Total/NA
Zinc	200		16	4.5	mg/Kg	1	☼	6020A	Total/NA
Arsenic	17		2.5	2.5	ug/L	1		6020A	SPLP East
Selenium	2.7		2.5	2.5	ug/L	1		6020A	SPLP East
Mercury	0.31		0.17	0.070	mg/Kg	1	☼	7471A	Total/NA
Ammonia (as N)	390		27	12	mg/Kg	10	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	9700		4100	2500	mg/Kg	10	☼	351.2	Total/NA
Total Phosphorus as P	1800		170	91	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: Comp 3-1F — Lab Sample ID: 660-62560-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	8.4		1.0	1.0	ug/L	1		8260B	SPLP
trans-1,2-Dichloroethene	1.1		1.0	1.0	ug/L	1		8260B	SPLP
Toluene	2.3		1.0	1.0	ug/L	1		8260B	SPLP
4,4'-DDE	0.0044	I	0.014	0.0015	mg/Kg	1	☼	8081B/8082A	Total/NA
Chloride	990		400	240	mg/Kg	5	☼	9056A	Soluble
Arsenic	9.4		1.9	0.75	mg/Kg	1	☼	6020A	Total/NA
Barium	74		3.8	0.98	mg/Kg	1	☼	6020A	Total/NA
Beryllium	1.3		0.38	0.19	mg/Kg	1	☼	6020A	Total/NA
Cadmium	1.5		0.38	0.090	mg/Kg	1	☼	6020A	Total/NA
Chromium	60		3.8	1.9	mg/Kg	1	☼	6020A	Total/NA
Copper	42		3.8	1.5	mg/Kg	1	☼	6020A	Total/NA
Sodium	1300		190	120	mg/Kg	1	☼	6020A	Total/NA
Nickel	22		3.8	1.9	mg/Kg	1	☼	6020A	Total/NA
Lead	200		1.5	0.75	mg/Kg	1	☼	6020A	Total/NA
Selenium	5.1		3.8	1.9	mg/Kg	1	☼	6020A	Total/NA
Thallium	0.20	I	0.75	0.19	mg/Kg	1	☼	6020A	Total/NA
Zinc	210		15	4.1	mg/Kg	1	☼	6020A	Total/NA
Arsenic	17		2.5	2.5	ug/L	1		6020A	SPLP East
Mercury	0.30		0.15	0.060	mg/Kg	1	☼	7471A	Total/NA
Ammonia (as N)	290		12	5.2	mg/Kg	5	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	13000		3600	2200	mg/Kg	10	☼	351.2	Total/NA
Total Phosphorus as P	420		150	80	mg/Kg	1	☼	365.4	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 5-1F — Lab Sample ID: 660-62560-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	2.2		1.0	1.0	ug/L	1		8260B	SPLP
Chrysene	0.23	I	3.3	0.21	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.45	I	3.3	0.32	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.39	I	3.3	0.27	mg/Kg	1	☼	8270D	Total/NA
4,4'-DDE	0.0035	I	0.017	0.0018	mg/Kg	1	☼	8081B/8082A	Total/NA
Chloride	2400		500	300	mg/Kg	5	☼	9056A	Soluble
Arsenic	10		2.4	0.94	mg/Kg	1	☼	6020A	Total/NA
Barium	65		4.7	1.2	mg/Kg	1	☼	6020A	Total/NA
Beryllium	1.4		0.47	0.24	mg/Kg	1	☼	6020A	Total/NA
Cadmium	1.4		0.47	0.11	mg/Kg	1	☼	6020A	Total/NA
Chromium	63		4.7	2.4	mg/Kg	1	☼	6020A	Total/NA
Copper	92		4.7	1.9	mg/Kg	1	☼	6020A	Total/NA
Sodium	2500		240	150	mg/Kg	1	☼	6020A	Total/NA
Nickel	28		4.7	2.4	mg/Kg	1	☼	6020A	Total/NA
Lead	180		1.9	0.94	mg/Kg	1	☼	6020A	Total/NA
Selenium	6.9		4.7	2.4	mg/Kg	1	☼	6020A	Total/NA
Zinc	250		19	5.2	mg/Kg	1	☼	6020A	Total/NA
Arsenic	13		2.5	2.5	ug/L	1		6020A	SPLP East
Mercury	0.37		0.18	0.075	mg/Kg	1	☼	7471A	Total/NA
Ammonia (as N)	960		61	26	mg/Kg	20	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	16000		4500	2700	mg/Kg	10	☼	351.2	Total/NA
Total Phosphorus as P	2000		180	99	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: Comp 5-2F — Lab Sample ID: 660-62560-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	0.0021	I	0.013	0.0014	mg/Kg	1	☼	8081B/8082A	Total/NA
Chloride	2000		370	220	mg/Kg	5	☼	9056A	Soluble
Sulfate	280	I	370	220	mg/Kg	5	☼	9056A	Soluble
Arsenic	9.3		1.8	0.72	mg/Kg	1	☼	6020A	Total/NA
Barium	88		3.6	0.93	mg/Kg	1	☼	6020A	Total/NA
Beryllium	1.2		0.36	0.18	mg/Kg	1	☼	6020A	Total/NA
Cadmium	1.2		0.36	0.086	mg/Kg	1	☼	6020A	Total/NA
Chromium	62		3.6	1.8	mg/Kg	1	☼	6020A	Total/NA
Copper	41		3.6	1.4	mg/Kg	1	☼	6020A	Total/NA
Sodium	3000		180	110	mg/Kg	1	☼	6020A	Total/NA
Nickel	22		3.6	1.8	mg/Kg	1	☼	6020A	Total/NA
Lead	76		1.4	0.72	mg/Kg	1	☼	6020A	Total/NA
Selenium	8.3		3.6	1.8	mg/Kg	1	☼	6020A	Total/NA
Thallium	0.27	I	0.72	0.18	mg/Kg	1	☼	6020A	Total/NA
Zinc	130		14	3.9	mg/Kg	1	☼	6020A	Total/NA
Arsenic	15		2.5	2.5	ug/L	1		6020A	SPLP East
Barium	5.7		5.0	5.0	ug/L	1		6020A	SPLP East
Selenium	5.3		2.5	2.5	ug/L	1		6020A	SPLP East
Mercury	0.27		0.15	0.060	mg/Kg	1	☼	7471A	Total/NA
Ammonia (as N)	300		23	9.8	mg/Kg	10	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	11000		3400	2100	mg/Kg	10	☼	351.2	Total/NA
Total Phosphorus as P	2400		140	75	mg/Kg	1	☼	365.4	Total/NA
Nitrate Nitrite as N	8.4	I	15	4.1	mg/Kg	1	☼	353.2	Soluble

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 6-1F — Lab Sample ID: 660-62560-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	6.9		5.0	5.0	ug/L	1		8260B	SPLP
Bis(2-ethylhexyl) phthalate	3.2	I	10	2.5	ug/L	1		8270D	SPLP East
4,4'-DDE	0.0030	I	0.013	0.0014	mg/Kg	1	☼	8081B/8082A	Total/NA
Chloride	1300		380	230	mg/Kg	5	☼	9056A	Soluble
Arsenic	6.9		1.8	0.71	mg/Kg	1	☼	6020A	Total/NA
Barium	57		3.5	0.92	mg/Kg	1	☼	6020A	Total/NA
Beryllium	1.3		0.35	0.18	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.70		0.35	0.085	mg/Kg	1	☼	6020A	Total/NA
Chromium	47		3.5	1.8	mg/Kg	1	☼	6020A	Total/NA
Copper	36		3.5	1.4	mg/Kg	1	☼	6020A	Total/NA
Sodium	1600		180	110	mg/Kg	1	☼	6020A	Total/NA
Nickel	18		3.5	1.8	mg/Kg	1	☼	6020A	Total/NA
Lead	85		1.4	0.71	mg/Kg	1	☼	6020A	Total/NA
Selenium	4.5		3.5	1.8	mg/Kg	1	☼	6020A	Total/NA
Zinc	120		14	3.9	mg/Kg	1	☼	6020A	Total/NA
Arsenic	11		2.5	2.5	ug/L	1		6020A	SPLP East
Mercury	0.25		0.15	0.062	mg/Kg	1	☼	7471A	Total/NA
Ammonia (as N)	200		12	5.1	mg/Kg	5	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	13000		3500	2100	mg/Kg	10	☼	351.2	Total/NA
Total Phosphorus as P	1900		140	78	mg/Kg	1	☼	365.4	Total/NA
Nitrate Nitrite as N	5.8	I	16	4.3	mg/Kg	1	☼	353.2	Soluble

Client Sample ID: Comp 6-2F — Lab Sample ID: 660-62560-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	0.0021	I	0.014	0.0015	mg/Kg	1	☼	8081B/8082A	Total/NA
Chloride	1900		420	250	mg/Kg	5	☼	9056A	Soluble
Arsenic	7.6		2.0	0.78	mg/Kg	1	☼	6020A	Total/NA
Barium	60		3.9	1.0	mg/Kg	1	☼	6020A	Total/NA
Beryllium	1.2		0.39	0.20	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.78		0.39	0.094	mg/Kg	1	☼	6020A	Total/NA
Chromium	47		3.9	2.0	mg/Kg	1	☼	6020A	Total/NA
Copper	31		3.9	1.6	mg/Kg	1	☼	6020A	Total/NA
Sodium	2500		200	130	mg/Kg	1	☼	6020A	Total/NA
Nickel	17		3.9	2.0	mg/Kg	1	☼	6020A	Total/NA
Lead	63		1.6	0.78	mg/Kg	1	☼	6020A	Total/NA
Selenium	5.1		3.9	2.0	mg/Kg	1	☼	6020A	Total/NA
Zinc	120		16	4.3	mg/Kg	1	☼	6020A	Total/NA
Arsenic	14		2.5	2.5	ug/L	1		6020A	SPLP East
Mercury	0.27		0.17	0.069	mg/Kg	1	☼	7471A	Total/NA
Ammonia (as N)	240		13	5.4	mg/Kg	5	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	12000		3800	2300	mg/Kg	10	☼	351.2	Total/NA
Total Phosphorus as P	1900		150	84	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: Comp 6-3F — Lab Sample ID: 660-62560-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	0.24	I	2.9	0.24	mg/Kg	1	☼	8270D	Total/NA
4,4'-DDE	0.0020	I	0.015	0.0016	mg/Kg	1	☼	8081B/8082A	Total/NA
Chloride	1000		440	260	mg/Kg	5	☼	9056A	Soluble

This Detection Summary does not include radiochemical test results.

Client Sample ID: Comp 6-3F (Continued)

Lab Sample ID: 660-62560-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.2		2.0	0.80	mg/Kg	1	☼	6020A	Total/NA
Barium	61		4.0	1.0	mg/Kg	1	☼	6020A	Total/NA
Beryllium	0.72		0.40	0.20	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.71		0.40	0.096	mg/Kg	1	☼	6020A	Total/NA
Chromium	45		4.0	2.0	mg/Kg	1	☼	6020A	Total/NA
Copper	50		4.0	1.6	mg/Kg	1	☼	6020A	Total/NA
Sodium	1200		200	130	mg/Kg	1	☼	6020A	Total/NA
Nickel	17		4.0	2.0	mg/Kg	1	☼	6020A	Total/NA
Lead	110		1.6	0.80	mg/Kg	1	☼	6020A	Total/NA
Selenium	5.6		4.0	2.0	mg/Kg	1	☼	6020A	Total/NA
Zinc	140		16	4.4	mg/Kg	1	☼	6020A	Total/NA
Arsenic	9.5		2.5	2.5	ug/L	1		6020A	SPLP East
Mercury	0.30		0.16	0.067	mg/Kg	1	☼	7471A	Total/NA
Ammonia (as N)	190		13	5.7	mg/Kg	5	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	15000		4100	2500	mg/Kg	10	☼	351.2	Total/NA
Total Phosphorus as P	1500		160	91	mg/Kg	1	☼	365.4	Total/NA
Nitrate Nitrite as N	170		18	4.8	mg/Kg	1	☼	353.2	Soluble

Client Sample ID: Comp 7-1F

Lab Sample ID: 660-62560-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	0.18	I	1.8	0.16	mg/Kg	1	☼	8270D	Total/NA
4,4'-DDE	0.0036	I	0.0092	0.00098	mg/Kg	1	☼	8081B/8082A	Total/NA
Chloride	1100		270	160	mg/Kg	5	☼	9056A	Soluble
Sulfate	360		270	160	mg/Kg	5	☼	9056A	Soluble
Silver	0.40	I	0.53	0.27	mg/Kg	1	☼	6020A	Total/NA
Arsenic	6.9		1.3	0.53	mg/Kg	1	☼	6020A	Total/NA
Barium	57		2.7	0.69	mg/Kg	1	☼	6020A	Total/NA
Beryllium	0.93		0.27	0.13	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.60		0.27	0.064	mg/Kg	1	☼	6020A	Total/NA
Chromium	43		2.7	1.3	mg/Kg	1	☼	6020A	Total/NA
Copper	27		2.7	1.1	mg/Kg	1	☼	6020A	Total/NA
Sodium	1600		130	85	mg/Kg	1	☼	6020A	Total/NA
Nickel	15		2.7	1.3	mg/Kg	1	☼	6020A	Total/NA
Lead	72		1.1	0.53	mg/Kg	1	☼	6020A	Total/NA
Selenium	4.5		2.7	1.3	mg/Kg	1	☼	6020A	Total/NA
Thallium	0.16	I	0.53	0.13	mg/Kg	1	☼	6020A	Total/NA
Zinc	110		11	2.9	mg/Kg	1	☼	6020A	Total/NA
Arsenic	17		2.5	2.5	ug/L	1		6020A	SPLP East
Mercury	0.24		0.093	0.038	mg/Kg	1	☼	7471A	Total/NA
Ammonia (as N)	120		8.1	3.5	mg/Kg	5	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	8400		2400	1400	mg/Kg	10	☼	351.2	Total/NA
Total Phosphorus as P	1500		95	52	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: Comp 7-2F

Lab Sample ID: 660-62560-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	0.0016	I	0.013	0.0014	mg/Kg	1	☼	8081B/8082A	Total/NA
Chloride	4100		390	230	mg/Kg	5	☼	9056A	Soluble
Sulfate	300	I	390	230	mg/Kg	5	☼	9056A	Soluble

This Detection Summary does not include radiochemical test results.

Client Sample ID: Comp 7-2F (Continued)

Lab Sample ID: 660-62560-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.1		1.8	0.73	mg/Kg	1	☼	6020A	Total/NA
Barium	59		3.7	0.95	mg/Kg	1	☼	6020A	Total/NA
Beryllium	1.3		0.37	0.18	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.64		0.37	0.088	mg/Kg	1	☼	6020A	Total/NA
Chromium	44		3.7	1.8	mg/Kg	1	☼	6020A	Total/NA
Copper	31		3.7	1.5	mg/Kg	1	☼	6020A	Total/NA
Sodium	5300		180	120	mg/Kg	1	☼	6020A	Total/NA
Nickel	17		3.7	1.8	mg/Kg	1	☼	6020A	Total/NA
Lead	52		1.5	0.73	mg/Kg	1	☼	6020A	Total/NA
Selenium	6.0		3.7	1.8	mg/Kg	1	☼	6020A	Total/NA
Zinc	110		15	4.0	mg/Kg	1	☼	6020A	Total/NA
Arsenic	13	J3	2.5	2.5	ug/L	1		6020A	SPLP East
Selenium	2.7		2.5	2.5	ug/L	1		6020A	SPLP East
Mercury	0.30		0.14	0.059	mg/Kg	1	☼	7471A	Total/NA
Ammonia (as N)	190		12	5.1	mg/Kg	5	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	13000		3600	2100	mg/Kg	10	☼	351.2	Total/NA
Total Phosphorus as P	1900		140	78	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: Comp 7-3F

Lab Sample ID: 660-62560-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	5.6	I V	10	2.5	ug/L	1		8270D	SPLP East
Butyl benzyl phthalate	4.7	I V	10	0.98	ug/L	1		8270D	SPLP East
Chloride	2100		340	210	mg/Kg	5	☼	9056A	Soluble
Sulfate	260	I	340	210	mg/Kg	5	☼	9056A	Soluble
Arsenic	5.7		1.7	0.66	mg/Kg	1	☼	6020A	Total/NA
Barium	50		3.3	0.86	mg/Kg	1	☼	6020A	Total/NA
Beryllium	1.5		0.33	0.17	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.24	I	0.33	0.080	mg/Kg	1	☼	6020A	Total/NA
Chromium	37		3.3	1.7	mg/Kg	1	☼	6020A	Total/NA
Copper	13		3.3	1.3	mg/Kg	1	☼	6020A	Total/NA
Sodium	3000		170	110	mg/Kg	1	☼	6020A	Total/NA
Nickel	13		3.3	1.7	mg/Kg	1	☼	6020A	Total/NA
Lead	27		1.3	0.66	mg/Kg	1	☼	6020A	Total/NA
Selenium	6.3		3.3	1.7	mg/Kg	1	☼	6020A	Total/NA
Zinc	44		13	3.6	mg/Kg	1	☼	6020A	Total/NA
Arsenic	6.6		2.5	2.5	ug/L	1		6020A	SPLP East
Mercury	0.19		0.13	0.051	mg/Kg	1	☼	7471A	Total/NA
Ammonia (as N)	180		10	4.5	mg/Kg	5	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	7200		3400	2000	mg/Kg	10	☼	351.2	Total/NA
Total Phosphorus as P	850		130	74	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: Comp 7-4F

Lab Sample ID: 660-62560-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	6.8	I V	10	2.5	ug/L	1		8270D	SPLP East
4,4'-DDE	0.0074	I	0.015	0.0016	mg/Kg	1	☼	8081B/8082A	Total/NA
Chloride	1500		430	260	mg/Kg	5	☼	9056A	Soluble
Silver	0.42	I	0.81	0.41	mg/Kg	1	☼	6020A	Total/NA
Arsenic	8.1		2.0	0.81	mg/Kg	1	☼	6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: Comp 7-4F (Continued) — Lab Sample ID: 660-62560-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	74		4.1	1.1	mg/Kg	1	☼	6020A	Total/NA
Beryllium	0.93		0.41	0.20	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.85		0.41	0.098	mg/Kg	1	☼	6020A	Total/NA
Chromium	54		4.1	2.0	mg/Kg	1	☼	6020A	Total/NA
Copper	41		4.1	1.6	mg/Kg	1	☼	6020A	Total/NA
Sodium	2000		200	130	mg/Kg	1	☼	6020A	Total/NA
Nickel	19		4.1	2.0	mg/Kg	1	☼	6020A	Total/NA
Lead	88		1.6	0.81	mg/Kg	1	☼	6020A	Total/NA
Selenium	6.3		4.1	2.0	mg/Kg	1	☼	6020A	Total/NA
Zinc	140		16	4.5	mg/Kg	1	☼	6020A	Total/NA
Arsenic	13		2.5	2.5	ug/L	1		6020A	SPLP East
Mercury	0.27		0.16	0.067	mg/Kg	1	☼	7471A	Total/NA
Ammonia (as N)	280		13	5.6	mg/Kg	5	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	15000		4300	2600	mg/Kg	10	☼	351.2	Total/NA
Total Phosphorus as P	2000		170	94	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: Area 1 Coarse Comp — Lab Sample ID: 660-62560-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.079	I	0.44	0.036	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.10	I	0.44	0.070	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.17	I	0.44	0.051	mg/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	0.11	I	0.44	0.088	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.13	I	0.44	0.028	mg/Kg	1	☼	8270D	Total/NA
Fluoranthene	0.16	I	0.44	0.043	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.079	I	0.44	0.038	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.14	I	0.44	0.036	mg/Kg	1	☼	8270D	Total/NA
Sulfate	50	I	67	40	mg/Kg	5	☼	9056A	Soluble
Arsenic	0.37		0.29	0.12	mg/Kg	1	☼	6020A	Total/NA
Barium	1.3		0.58	0.15	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.021	I	0.058	0.014	mg/Kg	1	☼	6020A	Total/NA
Chromium	1.3		0.58	0.29	mg/Kg	1	☼	6020A	Total/NA
Copper	0.70		0.58	0.23	mg/Kg	1	☼	6020A	Total/NA
Sodium	19	I	29	18	mg/Kg	1	☼	6020A	Total/NA
Nickel	0.44	I	0.58	0.29	mg/Kg	1	☼	6020A	Total/NA
Lead	3.7		0.23	0.12	mg/Kg	1	☼	6020A	Total/NA
Zinc	4.9		2.3	0.63	mg/Kg	1	☼	6020A	Total/NA
Ammonia (as N)	5.3		0.40	0.17	mg/Kg	1	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	410		59	35	mg/Kg	1	☼	351.2	Total/NA
Total Phosphorus as P	190		24	13	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: Area 3 Coarse Comp — Lab Sample ID: 660-62560-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0014	I J3	0.0064	0.0012	mg/Kg	1	☼	8260B	Total/NA
Benzo[a]anthracene	0.077	I	0.43	0.035	mg/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	0.074	I	0.43	0.067	mg/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	0.14	I	0.43	0.049	mg/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	0.059	I	0.43	0.038	mg/Kg	1	☼	8270D	Total/NA
Chrysene	0.11	I	0.43	0.027	mg/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: Area 3 Coarse Comp (Continued)

Lab Sample ID: 660-62560-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	0.18	I	0.43	0.041	mg/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.063	I	0.43	0.036	mg/Kg	1	☼	8270D	Total/NA
Phenanthrene	0.044	I	0.43	0.035	mg/Kg	1	☼	8270D	Total/NA
Pyrene	0.14	I	0.43	0.035	mg/Kg	1	☼	8270D	Total/NA
4,4'-DDE	0.00074	I	0.0022	0.00023	mg/Kg	1	☼	8081B/8082A	Total/NA
Arsenic	0.21	I	0.28	0.11	mg/Kg	1	☼	6020A	Total/NA
Barium	1.6		0.56	0.15	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.021	I	0.056	0.013	mg/Kg	1	☼	6020A	Total/NA
Chromium	1.3		0.56	0.28	mg/Kg	1	☼	6020A	Total/NA
Copper	0.85		0.56	0.22	mg/Kg	1	☼	6020A	Total/NA
Sodium	20	I	28	18	mg/Kg	1	☼	6020A	Total/NA
Nickel	0.43	I	0.56	0.28	mg/Kg	1	☼	6020A	Total/NA
Lead	5.3		0.22	0.11	mg/Kg	1	☼	6020A	Total/NA
Zinc	5.7		2.2	0.62	mg/Kg	1	☼	6020A	Total/NA
Lead	2.2		1.5	1.5	ug/L	1		6020A	SPLP East
Ammonia (as N)	2.8		0.39	0.17	mg/Kg	1	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	340		59	36	mg/Kg	1	☼	351.2	Total/NA
Total Phosphorus as P	330		24	13	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: Area 5 Coarse Comp

Lab Sample ID: 660-62560-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0015	I J3	0.0067	0.0013	mg/Kg	1	☼	8260B	Total/NA
Methylene Chloride	11		5.0	5.0	ug/L	1		8260B	SPLP
Arsenic	0.17	I	0.30	0.12	mg/Kg	1	☼	6020A	Total/NA
Barium	1.4		0.61	0.16	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.016	I	0.061	0.015	mg/Kg	1	☼	6020A	Total/NA
Chromium	1.0		0.61	0.30	mg/Kg	1	☼	6020A	Total/NA
Copper	0.72		0.61	0.24	mg/Kg	1	☼	6020A	Total/NA
Nickel	0.54	I	0.61	0.30	mg/Kg	1	☼	6020A	Total/NA
Lead	1.2		0.24	0.12	mg/Kg	1	☼	6020A	Total/NA
Zinc	2.4		2.4	0.67	mg/Kg	1	☼	6020A	Total/NA
Ammonia (as N)	0.42		0.40	0.17	mg/Kg	1	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	140		65	39	mg/Kg	1	☼	351.2	Total/NA
Total Phosphorus as P	94		26	14	mg/Kg	1	☼	365.4	Total/NA

Client Sample ID: Area 6 Coarse Comp

Lab Sample ID: 660-62560-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.0077	I J3	0.036	0.0070	mg/Kg	1	☼	8260B	Total/NA
Phenol	33		10	1.2	ug/L	1		8270D	SPLP East
4,4'-DDE	0.0017	I	0.012	0.0013	mg/Kg	1	☼	8081B/8082A	Total/NA
Arsenic	8.0		1.6	0.64	mg/Kg	1	☼	6020A	Total/NA
Barium	31		3.2	0.83	mg/Kg	1	☼	6020A	Total/NA
Beryllium	0.43		0.32	0.16	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.45		0.32	0.077	mg/Kg	1	☼	6020A	Total/NA
Chromium	25		3.2	1.6	mg/Kg	1	☼	6020A	Total/NA
Copper	35		3.2	1.3	mg/Kg	1	☼	6020A	Total/NA
Sodium	380		160	100	mg/Kg	1	☼	6020A	Total/NA
Nickel	10		3.2	1.6	mg/Kg	1	☼	6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: Area 6 Coarse Comp (Continued)

Lab Sample ID: 660-62560-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	74		1.3	0.64	mg/Kg	1	☼	6020A	Total/NA
Selenium	4.4		3.2	1.6	mg/Kg	1	☼	6020A	Total/NA
Zinc	95		13	3.5	mg/Kg	1	☼	6020A	Total/NA
Arsenic	3.0		2.5	2.5	ug/L	1		6020A	SPLP East
Copper	6.6		5.0	5.0	ug/L	1		6020A	SPLP East
Lead	2.5		1.5	1.5	ug/L	1		6020A	SPLP East
Selenium	5.2		2.5	2.5	ug/L	1		6020A	SPLP East
Mercury	0.37		0.20	0.20	ug/L	1		7470A	SPLP East
Mercury	0.24		0.14	0.056	mg/Kg	1	☼	7471A	Total/NA
Ammonia (as N)	16		2.1	0.93	mg/Kg	1	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	8600		3000	1800	mg/Kg	10	☼	351.2	Total/NA
Total Phosphorus as P	580		120	67	mg/Kg	1	☼	365.4	Total/NA
Nitrate Nitrite as N	22		14	3.9	mg/Kg	1	☼	353.2	Soluble

Client Sample ID: Area 7 Coarse Comp

Lab Sample ID: 660-62560-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	19		5.0	5.0	ug/L	1		8260B	SPLP
Toluene	3.5		1.0	1.0	ug/L	1		8260B	SPLP
Arsenic	0.53		0.35	0.14	mg/Kg	1	☼	6020A	Total/NA
Barium	1.5		0.70	0.18	mg/Kg	1	☼	6020A	Total/NA
Cadmium	0.027	I	0.070	0.017	mg/Kg	1	☼	6020A	Total/NA
Chromium	1.4		0.70	0.35	mg/Kg	1	☼	6020A	Total/NA
Copper	1.2		0.70	0.28	mg/Kg	1	☼	6020A	Total/NA
Sodium	51		35	22	mg/Kg	1	☼	6020A	Total/NA
Nickel	0.70		0.70	0.35	mg/Kg	1	☼	6020A	Total/NA
Lead	3.5		0.28	0.14	mg/Kg	1	☼	6020A	Total/NA
Zinc	7.1		2.8	0.77	mg/Kg	1	☼	6020A	Total/NA
Mercury	0.016	I	0.027	0.011	mg/Kg	1	☼	7471A	Total/NA
Ammonia (as N)	2.9		0.47	0.20	mg/Kg	1	☼	350.1	Total/NA
Total Kjeldahl Nitrogen	230		72	43	mg/Kg	1	☼	351.2	Total/NA
Total Phosphorus as P	110		29	16	mg/Kg	1	☼	365.4	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: Comp 1-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-1
Matrix: Solid
Percent Solids: 13.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.17	U	0.72	0.17	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
Acrylonitrile	0.24	U	0.72	0.24	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
Benzene	0.0052	U	0.036	0.0052	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
Bromoform	0.011	U	0.036	0.011	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
Bromomethane	0.011	U	0.036	0.011	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
Carbon tetrachloride	0.0060	U	0.036	0.0060	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
Chlorobenzene	0.0069	U	0.036	0.0069	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
Chloroethane	0.019	U	0.036	0.019	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
Chloroform	0.0079	U	0.036	0.0079	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
Chloromethane	0.0072	U	0.036	0.0072	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
Dibromochloromethane	0.012	U	0.036	0.012	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
1,2-Dichlorobenzene	0.0093	U	0.036	0.0093	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
1,3-Dichlorobenzene	0.011	U	0.036	0.011	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
1,4-Dichlorobenzene	0.0053	U	0.036	0.0053	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
Dichlorodifluoromethane	0.0068	U	0.036	0.0068	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
1,1-Dichloroethane	0.0079	U	0.036	0.0079	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
1,2-Dichloroethane	0.0079	U	0.036	0.0079	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
cis-1,2-Dichloroethene	0.010	U	0.036	0.010	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
trans-1,2-Dichloroethene	0.0045	U	0.036	0.0045	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
1,1-Dichloroethene	0.011	U	0.036	0.011	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
1,2-Dichloropropane	0.0062	U	0.036	0.0062	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
cis-1,3-Dichloropropene	0.0060	U	0.036	0.0060	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
trans-1,3-Dichloropropene	0.0063	U	0.036	0.0063	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
Ethylbenzene	0.0093	U	0.036	0.0093	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
Methylene Chloride	0.0070	J3 U	0.036	0.0070	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
Methyl tert-butyl ether	0.0072	U	0.072	0.0072	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
Tetrachloroethene	0.014	U	0.036	0.014	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
Toluene	0.0060	U	0.036	0.0060	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
1,2,4-Trichlorobenzene	0.0064	U	0.036	0.0064	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
1,1,1-Trichloroethane	0.0042	U	0.036	0.0042	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
1,1,2-Trichloroethane	0.0093	U	0.036	0.0093	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
Trichloroethene	0.0093	U	0.036	0.0093	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
Vinyl chloride	0.011	U	0.036	0.011	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1
Xylenes, Total	0.0079	U	0.072	0.0079	mg/Kg	☼	09/02/14 19:27	09/02/14 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*91*		*65 - 130*	*09/02/14 19:27*	*09/02/14 21:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*65 - 130*	*09/02/14 19:27*	*09/02/14 21:23*	*1*
4-Bromofluorobenzene (Surr)	*111*		*65 - 130*	*09/02/14 19:27*	*09/02/14 21:23*	*1*
Toluene-d8 (Surr)	*101*		*65 - 130*	*09/02/14 19:27*	*09/02/14 21:23*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	U	20	20	ug/L			09/15/14 14:20	1
Acrylonitrile	20	U	20	20	ug/L			09/15/14 14:20	1
Benzene	1.0	U	1.0	1.0	ug/L			09/15/14 14:20	1
Bromoform	1.0	U	1.0	1.0	ug/L			09/15/14 14:20	1
Bromomethane	5.0	U	5.0	5.0	ug/L			09/15/14 14:20	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			09/15/14 14:20	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 14:20	1

Client Sample ID: Comp 1-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	5.0	U	5.0	5.0	ug/L			09/15/14 14:20	1
Chloroform	1.0	U	1.0	1.0	ug/L			09/15/14 14:20	1
Chloromethane	1.0	U	1.0	1.0	ug/L			09/15/14 14:20	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			09/15/14 14:20	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 14:20	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 14:20	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 14:20	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			09/15/14 14:20	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 14:20	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 14:20	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 14:20	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 14:20	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 14:20	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			09/15/14 14:20	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/15/14 14:20	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/15/14 14:20	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			09/15/14 14:20	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			09/15/14 14:20	1
Methyl tert-butyl ether	10	U	10	10	ug/L			09/15/14 14:20	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 14:20	1
Toluene	1.0	U	1.0	1.0	ug/L			09/15/14 14:20	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			09/15/14 14:20	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 14:20	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 14:20	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 14:20	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			09/15/14 14:20	1
Xylenes, Total	2.0	U	2.0	2.0	ug/L			09/15/14 14:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*09/15/14 14:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*09/15/14 14:20*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*09/15/14 14:20*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*09/15/14 14:20*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.30	U	2.4	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Acenaphthylene	0.26	U	2.4	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Anthracene	0.18	U	2.4	0.18	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Benzo[a]anthracene	0.20	U	2.4	0.20	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Benzo[a]pyrene	0.38	U	2.4	0.38	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Benzo[b]fluoranthene	0.28	U	2.4	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Benzo[g,h,i]perylene	0.16	U	2.4	0.16	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Benzo[k]fluoranthene	0.47	U	2.4	0.47	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Bis(2-chloroethoxy)methane	0.28	U	2.4	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Bis(2-chloroethyl)ether	0.33	U	2.4	0.33	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
bis (2-chloroisopropyl) ether	0.22	U	2.4	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Bis(2-ethylhexyl) phthalate	0.21	U	2.4	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
4-Bromophenyl phenyl ether	0.26	U	2.4	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Butyl benzyl phthalate	0.19	U	2.4	0.19	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 1-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-1
Matrix: Solid
Percent Solids: 13.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloroaniline	0.38	U	4.8	0.38	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
4-Chloro-3-methylphenol	0.25	U	2.4	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
2-Chloronaphthalene	0.25	U	2.4	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
2-Chlorophenol	0.29	U	2.4	0.29	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
4-Chlorophenyl phenyl ether	0.32	U	2.4	0.32	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Chrysene	0.15	U	2.4	0.15	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Dibenz(a,h)anthracene	0.28	U	2.4	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Dibenzofuran	0.24	U	2.4	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
3,3'-Dichlorobenzidine	0.20	U	4.8	0.20	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
2,4-Dichlorophenol	0.25	U	2.4	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Diethyl phthalate	0.27	U	2.4	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
2,4-Dimethylphenol	0.32	U	2.4	0.32	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Dimethyl phthalate	0.25	U	2.4	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Di-n-butyl phthalate	0.22	U	2.4	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
4,6-Dinitro-2-methylphenol	1.2	U	12	1.2	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
2,4-Dinitrophenol	6.0	U	12	6.0	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
2,4-Dinitrotoluene	0.36	U	2.4	0.36	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
2,6-Dinitrotoluene	0.31	U	2.4	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Di-n-octyl phthalate	0.21	U	2.4	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
1,2-Diphenylhydrazine(as Azobenzene)	0.25	U	2.4	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Fluoranthene	0.23	U	2.4	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Fluorene	0.26	U	2.4	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Hexachlorobenzene	0.28	U	2.4	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Hexachlorobutadiene	0.26	U	2.4	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Hexachlorocyclopentadiene	0.30	U	2.4	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Hexachloroethane	0.20	U	2.4	0.20	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Indeno[1,2,3-cd]pyrene	0.20	U	2.4	0.20	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Isophorone	0.24	U	2.4	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
1-Methylnaphthalene	0.23	U	2.4	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
2-Methylnaphthalene	0.28	U	2.4	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Naphthalene	0.22	U	2.4	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Nitrobenzene	0.19	U	2.4	0.19	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
2-Nitrophenol	0.30	U	2.4	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
4-Nitrophenol	2.4	U	12	2.4	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
N-Nitrosodimethylamine	0.87	U	2.4	0.87	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
N-Nitrosodi-n-propylamine	0.23	U	2.4	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
N-Nitrosodiphenylamine	0.24	U	2.4	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Pentachlorophenol	2.4	U	12	2.4	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Phenanthrene	0.20	U	2.4	0.20	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Phenol	0.25	U	2.4	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
Pyrene	0.20	U	2.4	0.20	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1
2,4,6-Trichlorophenol	0.21	U	2.4	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*51*		*41 - 116*	*09/03/14 13:30*	*09/10/14 14:32*	*1*
2-Fluorophenol (Surr)	*55*		*39 - 114*	*09/03/14 13:30*	*09/10/14 14:32*	*1*
Nitrobenzene-d5 (Surr)	*56*		*37 - 115*	*09/03/14 13:30*	*09/10/14 14:32*	*1*
Phenol-d5 (Surr)	*55*		*38 - 122*	*09/03/14 13:30*	*09/10/14 14:32*	*1*
Terphenyl-d14 (Surr)	*51*		*46 - 126*	*09/03/14 13:30*	*09/10/14 14:32*	*1*

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 1-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-1
Matrix: Solid
Percent Solids: 13.8

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	*62*		*45 - 129*	*09/03/14 13:30*	*09/10/14 14:32*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 16:37	1
Acenaphthylene	0.85	U	10	0.85	ug/L		09/09/14 19:00	09/12/14 16:37	1
Anthracene	0.86	U	10	0.86	ug/L		09/09/14 19:00	09/12/14 16:37	1
Benzo[a]anthracene	0.88	U	10	0.88	ug/L		09/09/14 19:00	09/12/14 16:37	1
Benzo[a]pyrene	0.89	U	10	0.89	ug/L		09/09/14 19:00	09/12/14 16:37	1
Benzo[b]fluoranthene	0.80	U	10	0.80	ug/L		09/09/14 19:00	09/12/14 16:37	1
Benzo[g,h,i]perylene	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 16:37	1
Benzo[k]fluoranthene	0.86	U	10	0.86	ug/L		09/09/14 19:00	09/12/14 16:37	1
Bis(2-chloroethoxy)methane	0.96	U	10	0.96	ug/L		09/09/14 19:00	09/12/14 16:37	1
Bis(2-chloroethyl)ether	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 16:37	1
bis (2-chloroisopropyl) ether	1.1	U	10	1.1	ug/L		09/09/14 19:00	09/12/14 16:37	1
Bis(2-ethylhexyl) phthalate	2.5	U	10	2.5	ug/L		09/09/14 19:00	09/12/14 16:37	1
4-Bromophenyl phenyl ether	0.97	U	10	0.97	ug/L		09/09/14 19:00	09/12/14 16:37	1
Butyl benzyl phthalate	0.98	U	10	0.98	ug/L		09/09/14 19:00	09/12/14 16:37	1
4-Chloroaniline	1.7	U	20	1.7	ug/L		09/09/14 19:00	09/12/14 16:37	1
4-Chloro-3-methylphenol	1.1	U	10	1.1	ug/L		09/09/14 19:00	09/12/14 16:37	1
2-Chloronaphthalene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 16:37	1
2-Chlorophenol	1.6	U	10	1.6	ug/L		09/09/14 19:00	09/12/14 16:37	1
4-Chlorophenyl phenyl ether	1.5	U	10	1.5	ug/L		09/09/14 19:00	09/12/14 16:37	1
Chrysene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 16:37	1
Dibenz(a,h)anthracene	2.3	U	10	2.3	ug/L		09/09/14 19:00	09/12/14 16:37	1
Dibenzofuran	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 16:37	1
3,3'-Dichlorobenzidine	6.8	U	20	6.8	ug/L		09/09/14 19:00	09/12/14 16:37	1
2,4-Dichlorophenol	3.3	U	10	3.3	ug/L		09/09/14 19:00	09/12/14 16:37	1
Diethyl phthalate	0.90	J3 U	10	0.90	ug/L		09/09/14 19:00	09/12/14 16:37	1
2,4-Dimethylphenol	3.8	U	10	3.8	ug/L		09/09/14 19:00	09/12/14 16:37	1
Dimethyl phthalate	1.3	U	10	1.3	ug/L		09/09/14 19:00	09/12/14 16:37	1
Di-n-butyl phthalate	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 16:37	1
4,6-Dinitro-2-methylphenol	1.0	U	50	1.0	ug/L		09/09/14 19:00	09/12/14 16:37	1
2,4-Dinitrophenol	3.1	U	50	3.1	ug/L		09/09/14 19:00	09/12/14 16:37	1
2,4-Dinitrotoluene	1.7	U	10	1.7	ug/L		09/09/14 19:00	09/12/14 16:37	1
2,6-Dinitrotoluene	2.1	U	10	2.1	ug/L		09/09/14 19:00	09/12/14 16:37	1
Di-n-octyl phthalate	2.0	U	10	2.0	ug/L		09/09/14 19:00	09/12/14 16:37	1
1,2-Diphenylhydrazine(as Azobenzene)	0.99	U	10	0.99	ug/L		09/09/14 19:00	09/12/14 16:37	1
Fluoranthene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 16:37	1
Fluorene	0.90	U	10	0.90	ug/L		09/09/14 19:00	09/12/14 16:37	1
Hexachlorobenzene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 16:37	1
Hexachlorobutadiene	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 16:37	1
Hexachlorocyclopentadiene	2.1	U	10	2.1	ug/L		09/09/14 19:00	09/12/14 16:37	1
Hexachloroethane	4.5	U	10	4.5	ug/L		09/09/14 19:00	09/12/14 16:37	1
Indeno[1,2,3-cd]pyrene	2.4	U	10	2.4	ug/L		09/09/14 19:00	09/12/14 16:37	1
Isophorone	0.85	U	10	0.85	ug/L		09/09/14 19:00	09/12/14 16:37	1
2-Methylnaphthalene	1.5	U	10	1.5	ug/L		09/09/14 19:00	09/12/14 16:37	1
1-Methylnaphthalene	2.6	U	10	2.6	ug/L		09/09/14 19:00	09/12/14 16:37	1

Client Sample ID: Comp 1-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 16:37	1
Nitrobenzene	1.6	U	10	1.6	ug/L		09/09/14 19:00	09/12/14 16:37	1
2-Nitrophenol	0.96	U	10	0.96	ug/L		09/09/14 19:00	09/12/14 16:37	1
4-Nitrophenol	2.1	U	50	2.1	ug/L		09/09/14 19:00	09/12/14 16:37	1
N-Nitrosodimethylamine	2.4	U	10	2.4	ug/L		09/09/14 19:00	09/12/14 16:37	1
N-Nitrosodi-n-propylamine	0.93	U	10	0.93	ug/L		09/09/14 19:00	09/12/14 16:37	1
N-Nitrosodiphenylamine	0.62	U	10	0.62	ug/L		09/09/14 19:00	09/12/14 16:37	1
Pentachlorophenol	1.1	U	50	1.1	ug/L		09/09/14 19:00	09/12/14 16:37	1
Phenanthrene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 16:37	1
Phenol	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 16:37	1
Pyrene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 16:37	1
2,4,6-Trichlorophenol	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*74*		*48 - 124*	*09/09/14 19:00*	*09/12/14 16:37*	*1*
2-Fluorobiphenyl	*67*		*24 - 113*	*09/09/14 19:00*	*09/12/14 16:37*	*1*
2-Fluorophenol (Surr)	*59*		*12 - 105*	*09/09/14 19:00*	*09/12/14 16:37*	*1*
Terphenyl-d14 (Surr)	*66*		*36 - 127*	*09/09/14 19:00*	*09/12/14 16:37*	*1*
Phenol-d5 (Surr)	*64*		*17 - 111*	*09/09/14 19:00*	*09/12/14 16:37*	*1*
Nitrobenzene-d5 (Surr)	*62*		*26 - 107*	*09/09/14 19:00*	*09/12/14 16:37*	*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	0.0013	U	0.012	0.0013	mg/Kg	☼	09/03/14 09:38	09/05/14 23:37	1
4,4'-DDE	**0.0059**	**I**	0.012	0.0013	mg/Kg	☼	09/03/14 09:38	09/05/14 23:37	1
4,4'-DDT	0.016	U	0.12	0.016	mg/Kg	☼	09/03/14 09:38	09/05/14 23:12	10
Aldrin	0.0011	U	0.012	0.0011	mg/Kg	☼	09/03/14 09:38	09/05/14 23:37	1
alpha-BHC	0.0010	U	0.012	0.0010	mg/Kg	☼	09/03/14 09:38	09/05/14 23:37	1
beta-BHC	0.0024	U	0.012	0.0024	mg/Kg	☼	09/03/14 09:38	09/05/14 23:37	1
Chlordane (technical)	0.021	U	0.12	0.021	mg/Kg	☼	09/03/14 09:38	09/05/14 23:37	1
delta-BHC	0.0014	U	0.012	0.0014	mg/Kg	☼	09/03/14 09:38	09/05/14 23:37	1
Dieldrin	0.0012	U	0.012	0.0012	mg/Kg	☼	09/03/14 09:38	09/05/14 23:37	1
Endosulfan I	0.0012	U	0.012	0.0012	mg/Kg	☼	09/03/14 09:38	09/05/14 23:37	1
Endosulfan II	0.0011	U	0.012	0.0011	mg/Kg	☼	09/03/14 09:38	09/05/14 23:37	1
Endosulfan sulfate	0.0015	U	0.012	0.0015	mg/Kg	☼	09/03/14 09:38	09/05/14 23:37	1
Endrin	0.0016	U	0.012	0.0016	mg/Kg	☼	09/03/14 09:38	09/05/14 23:37	1
Endrin aldehyde	0.0016	U	0.012	0.0016	mg/Kg	☼	09/03/14 09:38	09/05/14 23:37	1
Endrin ketone	0.015	U	0.12	0.015	mg/Kg	☼	09/03/14 09:38	09/05/14 23:12	10
gamma-BHC (Lindane)	0.0010	U	0.012	0.0010	mg/Kg	☼	09/03/14 09:38	09/05/14 23:37	1
Heptachlor	0.014	U	0.12	0.014	mg/Kg	☼	09/03/14 09:38	09/05/14 23:12	10
Heptachlor epoxide	0.0012	U	0.012	0.0012	mg/Kg	☼	09/03/14 09:38	09/05/14 23:37	1
Methoxychlor	0.020	U	0.12	0.020	mg/Kg	☼	09/03/14 09:38	09/05/14 23:12	10
Toxaphene	0.40	U	12	0.40	mg/Kg	☼	09/03/14 09:38	09/05/14 23:12	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*38*	*J1*	*54 - 133*	*09/03/14 09:38*	*09/05/14 23:37*	*1*
Tetrachloro-m-xylene	*38*	*J1*	*46 - 130*	*09/03/14 09:38*	*09/05/14 23:37*	*1*

Client Sample ID: Comp 1-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	U	0.10	0.013	ug/L		09/09/14 13:16	09/09/14 17:46	1
4,4'-DDE	0.013	U	0.10	0.013	ug/L		09/09/14 13:16	09/09/14 17:46	1
4,4'-DDT	0.013	U	0.10	0.013	ug/L		09/09/14 13:16	09/09/14 17:46	1
Aldrin	0.0020	U	0.050	0.0020	ug/L		09/09/14 13:16	09/09/14 17:46	1
alpha-BHC	0.0060	U	0.050	0.0060	ug/L		09/09/14 13:16	09/09/14 17:46	1
beta-BHC	0.013	U	0.050	0.013	ug/L		09/09/14 13:16	09/09/14 17:46	1
delta-BHC	0.013	U	0.050	0.013	ug/L		09/09/14 13:16	09/09/14 17:46	1
Dieldrin	0.0020	U	0.10	0.0020	ug/L		09/09/14 13:16	09/09/14 17:46	1
Endosulfan I	0.013	U	0.050	0.013	ug/L		09/09/14 13:16	09/09/14 17:46	1
Endosulfan II	0.013	U	0.10	0.013	ug/L		09/09/14 13:16	09/09/14 17:46	1
Endosulfan sulfate	0.013	U	0.10	0.013	ug/L		09/09/14 13:16	09/09/14 17:46	1
Endrin	0.013	U	0.10	0.013	ug/L		09/09/14 13:16	09/09/14 17:46	1
Endrin aldehyde	0.013	U	0.10	0.013	ug/L		09/09/14 13:16	09/09/14 17:46	1
Endrin ketone	0.013	U	0.10	0.013	ug/L		09/09/14 13:16	09/09/14 17:46	1
gamma-BHC (Lindane)	0.013	U	0.050	0.013	ug/L		09/09/14 13:16	09/09/14 17:46	1
Heptachlor	0.013	U	0.050	0.013	ug/L		09/09/14 13:16	09/09/14 17:46	1
Heptachlor epoxide	0.013	U	0.050	0.013	ug/L		09/09/14 13:16	09/09/14 17:46	1
Methoxychlor	0.013	U	0.50	0.013	ug/L		09/09/14 13:16	09/09/14 17:46	1
Chlordane (technical)	0.34	U	1.0	0.34	ug/L		09/09/14 13:16	09/09/14 17:46	1
Toxaphene	0.69	U	5.0	0.69	ug/L		09/09/14 13:16	09/09/14 17:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*20*		*20 - 142*	*09/09/14 13:16*	*09/09/14 17:46*	*1*
Tetrachloro-m-xylene	*88*		*22 - 134*	*09/09/14 13:16*	*09/09/14 17:46*	*1*

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2800**		360	220	mg/Kg	☼		09/10/14 12:07	5
Sulfate	**220**	**I**	360	220	mg/Kg	☼		09/10/14 12:07	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.35	J3 U	0.69	0.35	mg/Kg	☼	09/02/14 08:55	09/08/14 21:42	1
Arsenic	**9.7**		1.7	0.69	mg/Kg	☼	09/02/14 08:55	09/08/14 21:42	1
Barium	**93**	**J3**	3.5	0.90	mg/Kg	☼	09/02/14 08:55	09/08/14 21:42	1
Beryllium	**1.4**	**J3**	0.35	0.17	mg/Kg	☼	09/02/14 08:55	09/08/14 21:42	1
Cadmium	**1.1**	**J3**	0.35	0.083	mg/Kg	☼	09/02/14 08:55	09/08/14 21:42	1
Chromium	**66**	**J3**	3.5	1.7	mg/Kg	☼	09/02/14 08:55	09/08/14 21:42	1
Copper	**30**		3.5	1.4	mg/Kg	☼	09/02/14 08:55	09/08/14 21:42	1
Sodium	**3200**		170	110	mg/Kg	☼	09/02/14 08:55	09/08/14 21:42	1
Nickel	**21**		3.5	1.7	mg/Kg	☼	09/02/14 08:55	09/08/14 21:42	1
Lead	**97**	**J3**	1.4	0.69	mg/Kg	☼	09/02/14 08:55	09/08/14 21:42	1
Antimony	3.5	J3 U	6.9	3.5	mg/Kg	☼	09/02/14 08:55	09/08/14 21:42	1
Selenium	**6.6**		3.5	1.7	mg/Kg	☼	09/02/14 08:55	09/08/14 21:42	1
Thallium	**0.26**	**I**	0.69	0.17	mg/Kg	☼	09/02/14 08:55	09/08/14 21:42	1
Zinc	**130**	**J3**	14	3.8	mg/Kg	☼	09/02/14 08:55	09/08/14 21:42	1

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/08/14 08:29	09/12/14 21:05	1

Client Sample ID: Comp 1-1F — Lab Sample ID: 660-62560-1

Date Collected: 08/29/14 12:00 — **Matrix: Solid**
Date Received: 08/29/14 13:53

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**15**		2.5	2.5	ug/L		09/08/14 08:29	09/12/14 21:05	1
Barium	**6.7**		5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:05	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/08/14 08:29	09/12/14 21:05	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/08/14 08:29	09/12/14 21:05	1
Chromium	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:05	1
Copper	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:05	1
Nickel	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:05	1
Lead	**5.0**		1.5	1.5	ug/L		09/08/14 08:29	09/12/14 21:05	1
Antimony	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:05	1
Selenium	**2.5**		2.5	2.5	ug/L		09/08/14 08:29	09/12/14 21:05	1
Thallium	1.0	U	1.0	1.0	ug/L		09/08/14 08:29	09/12/14 21:05	1
Zinc	20	U	20	20	ug/L		09/08/14 08:29	09/12/14 21:05	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/08/14 12:25	09/09/14 11:15	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.19**		0.13	0.054	mg/Kg	☼	09/04/14 10:18	09/05/14 11:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**790**		44	19	mg/Kg	☼	09/05/14 13:59	09/06/14 10:51	20
Total Kjeldahl Nitrogen	**9600**	**J3**	3200	1900	mg/Kg	☼	09/09/14 16:23	09/10/14 12:19	10
Total Phosphorus as P	**2500**		130	70	mg/Kg	☼	09/09/14 16:23	09/10/14 11:23	1
Cyanide, Total	1.5	U	3.6	1.5	mg/Kg	☼	09/02/14 08:00	09/02/14 12:07	1
Phenolics, Total Recoverable	4.4	U	18	4.4	mg/Kg	☼	09/02/14 08:59	09/02/14 15:31	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	4.0	U	15	4.0	mg/Kg	☼		09/03/14 16:15	1

Client Sample ID: Comp 1-2F — Lab Sample ID: 660-62560-2

Date Collected: 08/29/14 12:00 — **Matrix: Solid**
Date Received: 08/29/14 13:53 — **Percent Solids: 12.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.19	U	0.79	0.19	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
Acrylonitrile	0.27	U	0.79	0.27	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
Benzene	0.0058	U	0.040	0.0058	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
Bromoform	0.012	U	0.040	0.012	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
Bromomethane	0.012	U	0.040	0.012	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
Carbon tetrachloride	0.0066	U	0.040	0.0066	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
Chlorobenzene	0.0076	U	0.040	0.0076	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
Chloroethane	0.021	U	0.040	0.021	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
Chloroform	0.0087	U	0.040	0.0087	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
Chloromethane	0.0079	U	0.040	0.0079	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
Dibromochloromethane	0.013	U	0.040	0.013	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
1,2-Dichlorobenzene	0.010	U	0.040	0.010	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1

Client Sample ID: Comp 1-2F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-2
Matrix: Solid
Percent Solids: 12.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.013	U	0.040	0.013	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
1,4-Dichlorobenzene	0.0058	U	0.040	0.0058	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
Dichlorodifluoromethane	0.0074	U	0.040	0.0074	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
1,1-Dichloroethane	0.0087	U	0.040	0.0087	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
1,2-Dichloroethane	0.0087	U	0.040	0.0087	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
cis-1,2-Dichloroethene	0.011	U	0.040	0.011	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
trans-1,2-Dichloroethene	0.0050	U	0.040	0.0050	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
1,1-Dichloroethene	0.012	U	0.040	0.012	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
1,2-Dichloropropane	0.0068	U	0.040	0.0068	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
cis-1,3-Dichloropropene	0.0066	U	0.040	0.0066	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
trans-1,3-Dichloropropene	0.0069	U	0.040	0.0069	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
Ethylbenzene	0.010	U	0.040	0.010	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
Methylene Chloride	0.0077	J3 U	0.040	0.0077	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
Methyl tert-butyl ether	0.0079	U	0.079	0.0079	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
Tetrachloroethene	0.015	U	0.040	0.015	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
Toluene	0.0066	U	0.040	0.0066	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
1,2,4-Trichlorobenzene	0.0070	U	0.040	0.0070	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
1,1,1-Trichloroethane	0.0047	U	0.040	0.0047	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
1,1,2-Trichloroethane	0.010	U	0.040	0.010	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
Trichloroethene	0.010	U	0.040	0.010	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
Vinyl chloride	0.012	U	0.040	0.012	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1
Xylenes, Total	0.0087	U	0.079	0.0087	mg/Kg	☼	09/02/14 19:27	09/02/14 21:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*90*		*65 - 130*	*09/02/14 19:27*	*09/02/14 21:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 130*	*09/02/14 19:27*	*09/02/14 21:44*	*1*
4-Bromofluorobenzene (Surr)	*116*		*65 - 130*	*09/02/14 19:27*	*09/02/14 21:44*	*1*
Toluene-d8 (Surr)	*101*		*65 - 130*	*09/02/14 19:27*	*09/02/14 21:44*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	200	J3 U	200	200	ug/L			09/12/14 18:30	10
Acrylonitrile	200	U	200	200	ug/L			09/12/14 18:30	10
Benzene	10	U	10	10	ug/L			09/12/14 18:30	10
Bromoform	10	U	10	10	ug/L			09/12/14 18:30	10
Bromomethane	50	J3 U	50	50	ug/L			09/12/14 18:30	10
Carbon tetrachloride	10	U	10	10	ug/L			09/12/14 18:30	10
Chlorobenzene	10	U	10	10	ug/L			09/12/14 18:30	10
Chloroethane	50	U	50	50	ug/L			09/12/14 18:30	10
Chloroform	10	U	10	10	ug/L			09/12/14 18:30	10
Chloromethane	10	U	10	10	ug/L			09/12/14 18:30	10
Dibromochloromethane	10	U	10	10	ug/L			09/12/14 18:30	10
1,2-Dichlorobenzene	10	U	10	10	ug/L			09/12/14 18:30	10
1,3-Dichlorobenzene	10	U	10	10	ug/L			09/12/14 18:30	10
1,4-Dichlorobenzene	10	U	10	10	ug/L			09/12/14 18:30	10
Dichlorodifluoromethane	10	U	10	10	ug/L			09/12/14 18:30	10
1,1-Dichloroethane	10	U	10	10	ug/L			09/12/14 18:30	10
1,2-Dichloroethane	10	U	10	10	ug/L			09/12/14 18:30	10
cis-1,2-Dichloroethene	10	U	10	10	ug/L			09/12/14 18:30	10
trans-1,2-Dichloroethene	10	U	10	10	ug/L			09/12/14 18:30	10

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 1-2F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	10	U	10	10	ug/L			09/12/14 18:30	10
1,2-Dichloropropane	10	U	10	10	ug/L			09/12/14 18:30	10
cis-1,3-Dichloropropene	10	U	10	10	ug/L			09/12/14 18:30	10
trans-1,3-Dichloropropene	10	U	10	10	ug/L			09/12/14 18:30	10
Ethylbenzene	10	U	10	10	ug/L			09/12/14 18:30	10
Methylene Chloride	50	U	50	50	ug/L			09/12/14 18:30	10
Methyl tert-butyl ether	100	U	100	100	ug/L			09/12/14 18:30	10
Tetrachloroethene	10	U	10	10	ug/L			09/12/14 18:30	10
Toluene	10	U	10	10	ug/L			09/12/14 18:30	10
1,2,4-Trichlorobenzene	50	U	50	50	ug/L			09/12/14 18:30	10
1,1,1-Trichloroethane	10	U	10	10	ug/L			09/12/14 18:30	10
1,1,2-Trichloroethane	10	U	10	10	ug/L			09/12/14 18:30	10
Trichloroethene	10	U	10	10	ug/L			09/12/14 18:30	10
Vinyl chloride	10	U	10	10	ug/L			09/12/14 18:30	10
Xylenes, Total	20	U	20	20	ug/L			09/12/14 18:30	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*108*		*70 - 130*		*09/12/14 18:30*	*10*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 130*		*09/12/14 18:30*	*10*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*09/12/14 18:30*	*10*
Toluene-d8 (Surr)	*103*		*70 - 130*		*09/12/14 18:30*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.32	U	2.6	0.32	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Acenaphthylene	0.28	U	2.6	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Anthracene	0.20	U	2.6	0.20	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Benzo[a]anthracene	0.21	U	2.6	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Benzo[a]pyrene	0.41	U	2.6	0.41	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Benzo[b]fluoranthene	0.30	U	2.6	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Benzo[g,h,i]perylene	0.17	U	2.6	0.17	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Benzo[k]fluoranthene	0.51	U	2.6	0.51	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Bis(2-chloroethoxy)methane	0.31	U	2.6	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Bis(2-chloroethyl)ether	0.36	U	2.6	0.36	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
bis (2-chloroisopropyl) ether	0.24	U	2.6	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Bis(2-ethylhexyl) phthalate	0.23	U	2.6	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
4-Bromophenyl phenyl ether	0.28	U	2.6	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Butyl benzyl phthalate	0.21	U	2.6	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
4-Chloroaniline	0.41	U	5.2	0.41	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
4-Chloro-3-methylphenol	0.28	U	2.6	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
2-Chloronaphthalene	0.28	U	2.6	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
2-Chlorophenol	0.32	U	2.6	0.32	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
4-Chlorophenyl phenyl ether	0.35	U	2.6	0.35	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Chrysene	0.17	U	2.6	0.17	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Dibenz(a,h)anthracene	0.31	U	2.6	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Dibenzofuran	0.26	U	2.6	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
3,3'-Dichlorobenzidine	0.22	U	5.2	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
2,4-Dichlorophenol	0.28	U	2.6	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Diethyl phthalate	0.29	U	2.6	0.29	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
2,4-Dimethylphenol	0.35	U	2.6	0.35	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1

Client Sample ID: Comp 1-2F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-2
Matrix: Solid
Percent Solids: 12.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	0.27	U	2.6	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Di-n-butyl phthalate	0.24	U	2.6	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
4,6-Dinitro-2-methylphenol	1.3	U	13	1.3	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
2,4-Dinitrophenol	6.6	U	13	6.6	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
2,4-Dinitrotoluene	0.39	U	2.6	0.39	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
2,6-Dinitrotoluene	0.33	U	2.6	0.33	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Di-n-octyl phthalate	0.23	U	2.6	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
1,2-Diphenylhydrazine(as Azobenzene)	0.27	U	2.6	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Fluoranthene	**0.27**	**I**	2.6	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Fluorene	0.28	U	2.6	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Hexachlorobenzene	0.31	U	2.6	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Hexachlorobutadiene	0.28	U	2.6	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Hexachlorocyclopentadiene	0.32	U	2.6	0.32	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Hexachloroethane	0.22	U	2.6	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Indeno[1,2,3-cd]pyrene	0.22	U	2.6	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Isophorone	0.26	U	2.6	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
1-Methylnaphthalene	0.25	U	2.6	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
2-Methylnaphthalene	0.30	U	2.6	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Naphthalene	0.24	U	2.6	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Nitrobenzene	0.21	U	2.6	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
2-Nitrophenol	0.32	U	2.6	0.32	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
4-Nitrophenol	2.6	U	13	2.6	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
N-Nitrosodimethylamine	0.95	U	2.6	0.95	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
N-Nitrosodi-n-propylamine	0.25	U	2.6	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
N-Nitrosodiphenylamine	0.26	U	2.6	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Pentachlorophenol	2.6	U	13	2.6	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Phenanthrene	0.21	U	2.6	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Phenol	0.27	U	2.6	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
Pyrene	**0.25**	**I**	2.6	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1
2,4,6-Trichlorophenol	0.23	U	2.6	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*58*		*41 - 116*	*09/03/14 13:30*	*09/10/14 16:50*	*1*
2-Fluorophenol (Surr)	*58*		*39 - 114*	*09/03/14 13:30*	*09/10/14 16:50*	*1*
Nitrobenzene-d5 (Surr)	*56*		*37 - 115*	*09/03/14 13:30*	*09/10/14 16:50*	*1*
Phenol-d5 (Surr)	*59*		*38 - 122*	*09/03/14 13:30*	*09/10/14 16:50*	*1*
Terphenyl-d14 (Surr)	*64*		*46 - 126*	*09/03/14 13:30*	*09/10/14 16:50*	*1*
2,4,6-Tribromophenol (Surr)	*63*		*45 - 129*	*09/03/14 13:30*	*09/10/14 16:50*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 17:07	1
Acenaphthylene	0.85	U	10	0.85	ug/L		09/09/14 19:00	09/12/14 17:07	1
Anthracene	0.86	U	10	0.86	ug/L		09/09/14 19:00	09/12/14 17:07	1
Benzo[a]anthracene	0.88	U	10	0.88	ug/L		09/09/14 19:00	09/12/14 17:07	1
Benzo[a]pyrene	0.89	U	10	0.89	ug/L		09/09/14 19:00	09/12/14 17:07	1
Benzo[b]fluoranthene	0.80	U	10	0.80	ug/L		09/09/14 19:00	09/12/14 17:07	1
Benzo[g,h,i]perylene	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 17:07	1
Benzo[k]fluoranthene	0.86	U	10	0.86	ug/L		09/09/14 19:00	09/12/14 17:07	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 1-2F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	0.96	U	10	0.96	ug/L		09/09/14 19:00	09/12/14 17:07	1
Bis(2-chloroethyl)ether	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 17:07	1
bis (2-chloroisopropyl) ether	1.1	U	10	1.1	ug/L		09/09/14 19:00	09/12/14 17:07	1
Bis(2-ethylhexyl) phthalate	2.5	U	10	2.5	ug/L		09/09/14 19:00	09/12/14 17:07	1
4-Bromophenyl phenyl ether	0.97	U	10	0.97	ug/L		09/09/14 19:00	09/12/14 17:07	1
Butyl benzyl phthalate	0.98	U	10	0.98	ug/L		09/09/14 19:00	09/12/14 17:07	1
4-Chloroaniline	1.7	U	20	1.7	ug/L		09/09/14 19:00	09/12/14 17:07	1
4-Chloro-3-methylphenol	1.1	U	10	1.1	ug/L		09/09/14 19:00	09/12/14 17:07	1
2-Chloronaphthalene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 17:07	1
2-Chlorophenol	1.6	U	10	1.6	ug/L		09/09/14 19:00	09/12/14 17:07	1
4-Chlorophenyl phenyl ether	1.5	U	10	1.5	ug/L		09/09/14 19:00	09/12/14 17:07	1
Chrysene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 17:07	1
Dibenz(a,h)anthracene	2.3	U	10	2.3	ug/L		09/09/14 19:00	09/12/14 17:07	1
Dibenzofuran	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 17:07	1
3,3'-Dichlorobenzidine	6.8	U	20	6.8	ug/L		09/09/14 19:00	09/12/14 17:07	1
2,4-Dichlorophenol	3.3	U	10	3.3	ug/L		09/09/14 19:00	09/12/14 17:07	1
Diethyl phthalate	0.90	J3 U	10	0.90	ug/L		09/09/14 19:00	09/12/14 17:07	1
2,4-Dimethylphenol	3.8	U	10	3.8	ug/L		09/09/14 19:00	09/12/14 17:07	1
Dimethyl phthalate	1.3	U	10	1.3	ug/L		09/09/14 19:00	09/12/14 17:07	1
Di-n-butyl phthalate	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 17:07	1
4,6-Dinitro-2-methylphenol	1.0	U	50	1.0	ug/L		09/09/14 19:00	09/12/14 17:07	1
2,4-Dinitrophenol	3.1	U	50	3.1	ug/L		09/09/14 19:00	09/12/14 17:07	1
2,4-Dinitrotoluene	1.7	U	10	1.7	ug/L		09/09/14 19:00	09/12/14 17:07	1
2,6-Dinitrotoluene	2.1	U	10	2.1	ug/L		09/09/14 19:00	09/12/14 17:07	1
Di-n-octyl phthalate	2.0	U	10	2.0	ug/L		09/09/14 19:00	09/12/14 17:07	1
1,2-Diphenylhydrazine(as Azobenzene)	0.99	U	10	0.99	ug/L		09/09/14 19:00	09/12/14 17:07	1
Fluoranthene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 17:07	1
Fluorene	0.90	U	10	0.90	ug/L		09/09/14 19:00	09/12/14 17:07	1
Hexachlorobenzene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 17:07	1
Hexachlorobutadiene	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 17:07	1
Hexachlorocyclopentadiene	2.1	U	10	2.1	ug/L		09/09/14 19:00	09/12/14 17:07	1
Hexachloroethane	4.5	U	10	4.5	ug/L		09/09/14 19:00	09/12/14 17:07	1
Indeno[1,2,3-cd]pyrene	2.4	U	10	2.4	ug/L		09/09/14 19:00	09/12/14 17:07	1
Isophorone	0.85	U	10	0.85	ug/L		09/09/14 19:00	09/12/14 17:07	1
2-Methylnaphthalene	1.5	U	10	1.5	ug/L		09/09/14 19:00	09/12/14 17:07	1
1-Methylnaphthalene	2.6	U	10	2.6	ug/L		09/09/14 19:00	09/12/14 17:07	1
Naphthalene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 17:07	1
Nitrobenzene	1.6	U	10	1.6	ug/L		09/09/14 19:00	09/12/14 17:07	1
2-Nitrophenol	0.96	U	10	0.96	ug/L		09/09/14 19:00	09/12/14 17:07	1
4-Nitrophenol	2.1	U	50	2.1	ug/L		09/09/14 19:00	09/12/14 17:07	1
N-Nitrosodimethylamine	2.4	U	10	2.4	ug/L		09/09/14 19:00	09/12/14 17:07	1
N-Nitrosodi-n-propylamine	0.93	U	10	0.93	ug/L		09/09/14 19:00	09/12/14 17:07	1
N-Nitrosodiphenylamine	0.62	U	10	0.62	ug/L		09/09/14 19:00	09/12/14 17:07	1
Pentachlorophenol	1.1	U	50	1.1	ug/L		09/09/14 19:00	09/12/14 17:07	1
Phenanthrene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 17:07	1
Phenol	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 17:07	1
Pyrene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 17:07	1
2,4,6-Trichlorophenol	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 17:07	1

Client Sample ID: Comp 1-2F

Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-2

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	*70*		*48 - 124*	*09/09/14 19:00*	*09/12/14 17:07*	*1*
2-Fluorobiphenyl	*60*		*24 - 113*	*09/09/14 19:00*	*09/12/14 17:07*	*1*
2-Fluorophenol (Surr)	*56*		*12 - 105*	*09/09/14 19:00*	*09/12/14 17:07*	*1*
Terphenyl-d14 (Surr)	*49*		*36 - 127*	*09/09/14 19:00*	*09/12/14 17:07*	*1*
Phenol-d5 (Surr)	*60*		*17 - 111*	*09/09/14 19:00*	*09/12/14 17:07*	*1*
Nitrobenzene-d5 (Surr)	*56*		*26 - 107*	*09/09/14 19:00*	*09/12/14 17:07*	*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	0.0014	U	0.013	0.0014	mg/Kg	☼	09/03/14 09:38	09/05/14 23:51	1
4,4'-DDE	**0.0050**	**I**	0.013	0.0014	mg/Kg	☼	09/03/14 09:38	09/05/14 23:51	1
4,4'-DDT	0.017	U	0.13	0.017	mg/Kg	☼	09/03/14 09:38	09/05/14 23:26	10
Aldrin	0.0012	U	0.013	0.0012	mg/Kg	☼	09/03/14 09:38	09/05/14 23:51	1
alpha-BHC	0.0011	U	0.013	0.0011	mg/Kg	☼	09/03/14 09:38	09/05/14 23:51	1
beta-BHC	0.0026	U	0.013	0.0026	mg/Kg	☼	09/03/14 09:38	09/05/14 23:51	1
Chlordane (technical)	0.023	U	0.13	0.023	mg/Kg	☼	09/03/14 09:38	09/05/14 23:51	1
delta-BHC	0.0015	U	0.013	0.0015	mg/Kg	☼	09/03/14 09:38	09/05/14 23:51	1
Dieldrin	0.0013	U	0.013	0.0013	mg/Kg	☼	09/03/14 09:38	09/05/14 23:51	1
Endosulfan I	0.0013	U	0.013	0.0013	mg/Kg	☼	09/03/14 09:38	09/05/14 23:51	1
Endosulfan II	0.0012	U	0.013	0.0012	mg/Kg	☼	09/03/14 09:38	09/05/14 23:51	1
Endosulfan sulfate	0.0017	U	0.013	0.0017	mg/Kg	☼	09/03/14 09:38	09/05/14 23:51	1
Endrin	0.0017	U	0.013	0.0017	mg/Kg	☼	09/03/14 09:38	09/05/14 23:51	1
Endrin aldehyde	0.0017	U	0.013	0.0017	mg/Kg	☼	09/03/14 09:38	09/05/14 23:51	1
Endrin ketone	0.016	U	0.13	0.016	mg/Kg	☼	09/03/14 09:38	09/05/14 23:26	10
gamma-BHC (Lindane)	0.0011	U	0.013	0.0011	mg/Kg	☼	09/03/14 09:38	09/05/14 23:51	1
Heptachlor	0.015	U	0.13	0.015	mg/Kg	☼	09/03/14 09:38	09/05/14 23:26	10
Heptachlor epoxide	0.0013	U	0.013	0.0013	mg/Kg	☼	09/03/14 09:38	09/05/14 23:51	1
Methoxychlor	0.022	U	0.13	0.022	mg/Kg	☼	09/03/14 09:38	09/05/14 23:26	10
Toxaphene	0.44	U	13	0.44	mg/Kg	☼	09/03/14 09:38	09/05/14 23:26	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*52*	*J1*	*54 - 133*	*09/03/14 09:38*	*09/05/14 23:51*	*1*
Tetrachloro-m-xylene	*52*		*46 - 130*	*09/03/14 09:38*	*09/05/14 23:51*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	U	0.099	0.013	ug/L		09/09/14 13:16	09/09/14 18:00	1
4,4'-DDE	0.013	U	0.099	0.013	ug/L		09/09/14 13:16	09/09/14 18:00	1
4,4'-DDT	0.013	U	0.099	0.013	ug/L		09/09/14 13:16	09/09/14 18:00	1
Aldrin	0.0020	U	0.050	0.0020	ug/L		09/09/14 13:16	09/09/14 18:00	1
alpha-BHC	0.0060	U	0.050	0.0060	ug/L		09/09/14 13:16	09/09/14 18:00	1
beta-BHC	0.013	U	0.050	0.013	ug/L		09/09/14 13:16	09/09/14 18:00	1
delta-BHC	0.013	U	0.050	0.013	ug/L		09/09/14 13:16	09/09/14 18:00	1
Dieldrin	0.0020	U	0.099	0.0020	ug/L		09/09/14 13:16	09/09/14 18:00	1
Endosulfan I	0.013	U	0.050	0.013	ug/L		09/09/14 13:16	09/09/14 18:00	1
Endosulfan II	0.013	U	0.099	0.013	ug/L		09/09/14 13:16	09/09/14 18:00	1
Endosulfan sulfate	0.013	U	0.099	0.013	ug/L		09/09/14 13:16	09/09/14 18:00	1
Endrin	0.013	U	0.099	0.013	ug/L		09/09/14 13:16	09/09/14 18:00	1
Endrin aldehyde	0.013	U	0.099	0.013	ug/L		09/09/14 13:16	09/09/14 18:00	1
Endrin ketone	0.013	U	0.099	0.013	ug/L		09/09/14 13:16	09/09/14 18:00	1
gamma-BHC (Lindane)	0.013	U	0.050	0.013	ug/L		09/09/14 13:16	09/09/14 18:00	1

Client Sample ID: Comp 1-2F

Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	0.013	U	0.050	0.013	ug/L		09/09/14 13:16	09/09/14 18:00	1
Heptachlor epoxide	0.013	U	0.050	0.013	ug/L		09/09/14 13:16	09/09/14 18:00	1
Methoxychlor	0.013	U	0.50	0.013	ug/L		09/09/14 13:16	09/09/14 18:00	1
Chlordane (technical)	0.34	U	0.99	0.34	ug/L		09/09/14 13:16	09/09/14 18:00	1
Toxaphene	0.67	U	5.0	0.67	ug/L		09/09/14 13:16	09/09/14 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*50*		*20 - 142*	*09/09/14 13:16*	*09/09/14 18:00*	*1*
Tetrachloro-m-xylene	*97*		*22 - 134*	*09/09/14 13:16*	*09/09/14 18:00*	*1*

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1400**		400	240	mg/Kg	☼		09/10/14 12:22	5
Sulfate	**370**	I	400	240	mg/Kg	☼		09/10/14 12:22	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.36	U	0.73	0.36	mg/Kg	☼	09/02/14 08:55	09/08/14 22:08	1
Arsenic	**11**		1.8	0.73	mg/Kg	☼	09/02/14 08:55	09/08/14 22:08	1
Barium	**74**		3.6	0.94	mg/Kg	☼	09/02/14 08:55	09/08/14 22:08	1
Beryllium	**1.1**		0.36	0.18	mg/Kg	☼	09/02/14 08:55	09/08/14 22:08	1
Cadmium	**1.3**		0.36	0.087	mg/Kg	☼	09/02/14 08:55	09/08/14 22:08	1
Chromium	**67**		3.6	1.8	mg/Kg	☼	09/02/14 08:55	09/08/14 22:08	1
Copper	**38**		3.6	1.5	mg/Kg	☼	09/02/14 08:55	09/08/14 22:08	1
Sodium	**2000**		180	120	mg/Kg	☼	09/02/14 08:55	09/08/14 22:08	1
Nickel	**23**		3.6	1.8	mg/Kg	☼	09/02/14 08:55	09/08/14 22:08	1
Lead	**200**		1.5	0.73	mg/Kg	☼	09/02/14 08:55	09/08/14 22:08	1
Antimony	3.6	U	7.3	3.6	mg/Kg	☼	09/02/14 08:55	09/08/14 22:08	1
Selenium	**5.3**		3.6	1.8	mg/Kg	☼	09/02/14 08:55	09/08/14 22:08	1
Thallium	**0.25**	I	0.73	0.18	mg/Kg	☼	09/02/14 08:55	09/08/14 22:08	1
Zinc	**180**		15	4.0	mg/Kg	☼	09/02/14 08:55	09/08/14 22:08	1

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/08/14 08:29	09/12/14 21:12	1
Arsenic	**14**		2.5	2.5	ug/L		09/08/14 08:29	09/12/14 21:12	1
Barium	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:12	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/08/14 08:29	09/12/14 21:12	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/08/14 08:29	09/12/14 21:12	1
Chromium	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:12	1
Copper	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:12	1
Nickel	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:12	1
Lead	**1.8**		1.5	1.5	ug/L		09/08/14 08:29	09/12/14 21:12	1
Antimony	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:12	1
Selenium	2.5	U	2.5	2.5	ug/L		09/08/14 08:29	09/12/14 21:12	1
Thallium	1.0	U	1.0	1.0	ug/L		09/08/14 08:29	09/12/14 21:12	1
Zinc	20	U	20	20	ug/L		09/08/14 08:29	09/12/14 21:12	1

Client Sample ID: Comp 1-2F

Lab Sample ID: 660-62560-2

Date Collected: 08/29/14 12:00
Matrix: Solid
Date Received: 08/29/14 13:53

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/08/14 12:25	09/09/14 11:18	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.26**		0.13	0.055	mg/Kg	☼	09/04/14 10:18	09/05/14 11:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**190**	**J3**	12	5.1	mg/Kg	☼	09/05/14 13:59	09/05/14 15:39	5
Total Kjeldahl Nitrogen	**9700**		7900	4700	mg/Kg	☼	09/10/14 16:02	09/11/14 15:50	10
Total Phosphorus as P	**2100**		140	78	mg/Kg	☼	09/09/14 16:23	09/10/14 11:26	1
Cyanide, Total	1.6	U	3.9	1.6	mg/Kg	☼	09/02/14 08:00	09/02/14 12:08	1
Phenolics, Total Recoverable	4.7	J3 U	19	4.7	mg/Kg	☼	09/02/14 08:59	09/02/14 15:31	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	4.4	U	16	4.4	mg/Kg	☼		09/03/14 16:19	1

Client Sample ID: Comp 1-3F

Lab Sample ID: 660-62560-3

Date Collected: 08/29/14 12:00
Matrix: Solid
Date Received: 08/29/14 13:53
Percent Solids: 11.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.21	U	0.89	0.21	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
Acrylonitrile	0.30	U	0.89	0.30	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
Benzene	0.0065	U	0.044	0.0065	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
Bromoform	0.013	U	0.044	0.013	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
Bromomethane	0.013	U	0.044	0.013	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
Carbon tetrachloride	0.0074	U	0.044	0.0074	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
Chlorobenzene	0.0085	U	0.044	0.0085	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
Chloroethane	0.024	U	0.044	0.024	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
Chloroform	0.0098	U	0.044	0.0098	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
Chloromethane	0.0089	U	0.044	0.0089	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
Dibromochloromethane	0.015	U	0.044	0.015	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
1,2-Dichlorobenzene	0.012	U	0.044	0.012	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
1,3-Dichlorobenzene	0.014	U	0.044	0.014	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
1,4-Dichlorobenzene	0.0066	U	0.044	0.0066	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
Dichlorodifluoromethane	0.0084	U	0.044	0.0084	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
1,1-Dichloroethane	0.0098	U	0.044	0.0098	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
1,2-Dichloroethane	0.0098	U	0.044	0.0098	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
cis-1,2-Dichloroethene	0.012	U	0.044	0.012	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
trans-1,2-Dichloroethene	0.0056	U	0.044	0.0056	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
1,1-Dichloroethene	0.013	U	0.044	0.013	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
1,2-Dichloropropane	0.0077	U	0.044	0.0077	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
cis-1,3-Dichloropropene	0.0074	U	0.044	0.0074	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
trans-1,3-Dichloropropene	0.0077	U	0.044	0.0077	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
Ethylbenzene	0.012	U	0.044	0.012	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
Methylene Chloride	0.0087	J3 U	0.044	0.0087	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
Methyl tert-butyl ether	0.0089	U	0.089	0.0089	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1

Client Sample ID: Comp 1-3F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-3
Matrix: Solid
Percent Solids: 11.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.017	U	0.044	0.017	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
Toluene	0.0075	U	0.044	0.0075	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
1,2,4-Trichlorobenzene	0.0079	U	0.044	0.0079	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
1,1,1-Trichloroethane	0.0052	U	0.044	0.0052	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
1,1,2-Trichloroethane	0.012	U	0.044	0.012	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
Trichloroethene	0.012	U	0.044	0.012	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
Vinyl chloride	0.013	U	0.044	0.013	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1
Xylenes, Total	0.0098	U	0.089	0.0098	mg/Kg	☼	09/02/14 19:27	09/02/14 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*93*		*65 - 130*	*09/02/14 19:27*	*09/02/14 22:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*65 - 130*	*09/02/14 19:27*	*09/02/14 22:05*	*1*
4-Bromofluorobenzene (Surr)	*113*		*65 - 130*	*09/02/14 19:27*	*09/02/14 22:05*	*1*
Toluene-d8 (Surr)	*99*		*65 - 130*	*09/02/14 19:27*	*09/02/14 22:05*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	J3 U	20	20	ug/L			09/12/14 15:14	1
Acrylonitrile	20	U	20	20	ug/L			09/12/14 15:14	1
Benzene	1.0	U	1.0	1.0	ug/L			09/12/14 15:14	1
Bromoform	1.0	U	1.0	1.0	ug/L			09/12/14 15:14	1
Bromomethane	5.0	J3 U	5.0	5.0	ug/L			09/12/14 15:14	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			09/12/14 15:14	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 15:14	1
Chloroethane	5.0	U	5.0	5.0	ug/L			09/12/14 15:14	1
Chloroform	**3.4**		1.0	1.0	ug/L			09/12/14 15:14	1
Chloromethane	1.0	U	1.0	1.0	ug/L			09/12/14 15:14	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			09/12/14 15:14	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 15:14	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 15:14	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 15:14	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			09/12/14 15:14	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 15:14	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 15:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 15:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 15:14	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 15:14	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			09/12/14 15:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/12/14 15:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/12/14 15:14	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			09/12/14 15:14	1
Methylene Chloride	**47**		5.0	5.0	ug/L			09/12/14 15:14	1
Methyl tert-butyl ether	10	U	10	10	ug/L			09/12/14 15:14	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 15:14	1
Toluene	1.0	U	1.0	1.0	ug/L			09/12/14 15:14	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			09/12/14 15:14	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 15:14	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 15:14	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 15:14	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			09/12/14 15:14	1

Client Sample ID: Comp 1-3F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	2.0	ug/L			09/12/14 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*114*		*70 - 130*		*09/12/14 15:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*70 - 130*		*09/12/14 15:14*	*1*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*		*09/12/14 15:14*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*09/12/14 15:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.37	U	3.0	0.37	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Acenaphthylene	0.33	U	3.0	0.33	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Anthracene	0.23	U	3.0	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Benzo[a]anthracene	0.25	U	3.0	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Benzo[a]pyrene	0.47	U	3.0	0.47	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Benzo[b]fluoranthene	0.35	U	3.0	0.35	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Benzo[g,h,i]perylene	0.20	U	3.0	0.20	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Benzo[k]fluoranthene	0.59	U	3.0	0.59	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Bis(2-chloroethoxy)methane	0.35	U	3.0	0.35	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Bis(2-chloroethyl)ether	0.41	U	3.0	0.41	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
bis (2-chloroisopropyl) ether	0.27	U	3.0	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Bis(2-ethylhexyl) phthalate	0.26	U	3.0	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
4-Bromophenyl phenyl ether	0.33	U	3.0	0.33	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Butyl benzyl phthalate	0.24	U	3.0	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
4-Chloroaniline	0.47	U	6.0	0.47	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
4-Chloro-3-methylphenol	0.32	U	3.0	0.32	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
2-Chloronaphthalene	0.32	U	3.0	0.32	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
2-Chlorophenol	0.36	U	3.0	0.36	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
4-Chlorophenyl phenyl ether	0.40	U	3.0	0.40	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Chrysene	0.19	U	3.0	0.19	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Dibenz(a,h)anthracene	0.35	U	3.0	0.35	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Dibenzofuran	0.30	U	3.0	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
3,3'-Dichlorobenzidine	0.25	U	6.0	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
2,4-Dichlorophenol	0.32	U	3.0	0.32	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Diethyl phthalate	0.34	U	3.0	0.34	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
2,4-Dimethylphenol	0.40	U	3.0	0.40	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Dimethyl phthalate	0.31	U	3.0	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Di-n-butyl phthalate	0.27	U	3.0	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
4,6-Dinitro-2-methylphenol	1.5	U	15	1.5	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
2,4-Dinitrophenol	7.5	U	15	7.5	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
2,4-Dinitrotoluene	0.44	U	3.0	0.44	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
2,6-Dinitrotoluene	0.38	U	3.0	0.38	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Di-n-octyl phthalate	0.26	U	3.0	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
1,2-Diphenylhydrazine(as Azobenzene)	0.31	U	3.0	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Fluoranthene	**0.39**	**I**	3.0	0.29	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Fluorene	0.33	U	3.0	0.33	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Hexachlorobenzene	0.35	U	3.0	0.35	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Hexachlorobutadiene	0.33	U	3.0	0.33	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Hexachlorocyclopentadiene	0.37	U	3.0	0.37	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1

Client Sample ID: Comp 1-3F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-3
Matrix: Solid
Percent Solids: 11.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	0.25	U	3.0	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Indeno[1,2,3-cd]pyrene	0.25	U	3.0	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Isophorone	0.30	U	3.0	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
1-Methylnaphthalene	0.28	U	3.0	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
2-Methylnaphthalene	0.35	U	3.0	0.35	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Naphthalene	0.27	U	3.0	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Nitrobenzene	0.24	U	3.0	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
2-Nitrophenol	0.37	U	3.0	0.37	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
4-Nitrophenol	3.0	U	15	3.0	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
N-Nitrosodimethylamine	1.1	U	3.0	1.1	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
N-Nitrosodi-n-propylamine	0.29	U	3.0	0.29	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
N-Nitrosodiphenylamine	0.30	U	3.0	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Pentachlorophenol	3.0	U	15	3.0	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Phenanthrene	0.25	U	3.0	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Phenol	0.31	U	3.0	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
Pyrene	**0.38**	**I**	3.0	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1
2,4,6-Trichlorophenol	0.26	U	3.0	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*50*		*41 - 116*	*09/03/14 13:30*	*09/10/14 17:16*	*1*
2-Fluorophenol (Surr)	*52*		*39 - 114*	*09/03/14 13:30*	*09/10/14 17:16*	*1*
Nitrobenzene-d5 (Surr)	*49*		*37 - 115*	*09/03/14 13:30*	*09/10/14 17:16*	*1*
Phenol-d5 (Surr)	*52*		*38 - 122*	*09/03/14 13:30*	*09/10/14 17:16*	*1*
Terphenyl-d14 (Surr)	*54*		*46 - 126*	*09/03/14 13:30*	*09/10/14 17:16*	*1*
2,4,6-Tribromophenol (Surr)	*54*		*45 - 129*	*09/03/14 13:30*	*09/10/14 17:16*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 17:38	1
Acenaphthylene	0.85	U	10	0.85	ug/L		09/09/14 19:00	09/12/14 17:38	1
Anthracene	0.86	U	10	0.86	ug/L		09/09/14 19:00	09/12/14 17:38	1
Benzo[a]anthracene	0.88	U	10	0.88	ug/L		09/09/14 19:00	09/12/14 17:38	1
Benzo[a]pyrene	0.89	U	10	0.89	ug/L		09/09/14 19:00	09/12/14 17:38	1
Benzo[b]fluoranthene	0.80	U	10	0.80	ug/L		09/09/14 19:00	09/12/14 17:38	1
Benzo[g,h,i]perylene	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 17:38	1
Benzo[k]fluoranthene	0.86	U	10	0.86	ug/L		09/09/14 19:00	09/12/14 17:38	1
Bis(2-chloroethoxy)methane	0.96	U	10	0.96	ug/L		09/09/14 19:00	09/12/14 17:38	1
Bis(2-chloroethyl)ether	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 17:38	1
bis (2-chloroisopropyl) ether	1.1	U	10	1.1	ug/L		09/09/14 19:00	09/12/14 17:38	1
Bis(2-ethylhexyl) phthalate	2.5	U	10	2.5	ug/L		09/09/14 19:00	09/12/14 17:38	1
4-Bromophenyl phenyl ether	0.97	U	10	0.97	ug/L		09/09/14 19:00	09/12/14 17:38	1
Butyl benzyl phthalate	0.98	U	10	0.98	ug/L		09/09/14 19:00	09/12/14 17:38	1
4-Chloroaniline	1.7	U	20	1.7	ug/L		09/09/14 19:00	09/12/14 17:38	1
4-Chloro-3-methylphenol	1.1	U	10	1.1	ug/L		09/09/14 19:00	09/12/14 17:38	1
2-Chloronaphthalene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 17:38	1
2-Chlorophenol	1.6	U	10	1.6	ug/L		09/09/14 19:00	09/12/14 17:38	1
4-Chlorophenyl phenyl ether	1.5	U	10	1.5	ug/L		09/09/14 19:00	09/12/14 17:38	1
Chrysene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 17:38	1
Dibenz(a,h)anthracene	2.3	U	10	2.3	ug/L		09/09/14 19:00	09/12/14 17:38	1
Dibenzofuran	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 17:38	1

Client Sample ID: Comp 1-3F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	6.8	U	20	6.8	ug/L		09/09/14 19:00	09/12/14 17:38	1
2,4-Dichlorophenol	3.3	U	10	3.3	ug/L		09/09/14 19:00	09/12/14 17:38	1
Diethyl phthalate	0.90	J3 U	10	0.90	ug/L		09/09/14 19:00	09/12/14 17:38	1
2,4-Dimethylphenol	3.8	U	10	3.8	ug/L		09/09/14 19:00	09/12/14 17:38	1
Dimethyl phthalate	1.3	U	10	1.3	ug/L		09/09/14 19:00	09/12/14 17:38	1
Di-n-butyl phthalate	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 17:38	1
4,6-Dinitro-2-methylphenol	1.0	U	50	1.0	ug/L		09/09/14 19:00	09/12/14 17:38	1
2,4-Dinitrophenol	3.1	U	50	3.1	ug/L		09/09/14 19:00	09/12/14 17:38	1
2,4-Dinitrotoluene	1.7	U	10	1.7	ug/L		09/09/14 19:00	09/12/14 17:38	1
2,6-Dinitrotoluene	2.1	U	10	2.1	ug/L		09/09/14 19:00	09/12/14 17:38	1
Di-n-octyl phthalate	2.0	U	10	2.0	ug/L		09/09/14 19:00	09/12/14 17:38	1
1,2-Diphenylhydrazine(as Azobenzene)	0.99	U	10	0.99	ug/L		09/09/14 19:00	09/12/14 17:38	1
Fluoranthene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 17:38	1
Fluorene	0.90	U	10	0.90	ug/L		09/09/14 19:00	09/12/14 17:38	1
Hexachlorobenzene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 17:38	1
Hexachlorobutadiene	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 17:38	1
Hexachlorocyclopentadiene	2.1	U	10	2.1	ug/L		09/09/14 19:00	09/12/14 17:38	1
Hexachloroethane	4.5	U	10	4.5	ug/L		09/09/14 19:00	09/12/14 17:38	1
Indeno[1,2,3-cd]pyrene	2.4	U	10	2.4	ug/L		09/09/14 19:00	09/12/14 17:38	1
Isophorone	0.85	U	10	0.85	ug/L		09/09/14 19:00	09/12/14 17:38	1
2-Methylnaphthalene	1.5	U	10	1.5	ug/L		09/09/14 19:00	09/12/14 17:38	1
1-Methylnaphthalene	2.6	U	10	2.6	ug/L		09/09/14 19:00	09/12/14 17:38	1
Naphthalene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 17:38	1
Nitrobenzene	1.6	U	10	1.6	ug/L		09/09/14 19:00	09/12/14 17:38	1
2-Nitrophenol	0.96	U	10	0.96	ug/L		09/09/14 19:00	09/12/14 17:38	1
4-Nitrophenol	2.1	U	50	2.1	ug/L		09/09/14 19:00	09/12/14 17:38	1
N-Nitrosodimethylamine	2.4	U	10	2.4	ug/L		09/09/14 19:00	09/12/14 17:38	1
N-Nitrosodi-n-propylamine	0.93	U	10	0.93	ug/L		09/09/14 19:00	09/12/14 17:38	1
N-Nitrosodiphenylamine	0.62	U	10	0.62	ug/L		09/09/14 19:00	09/12/14 17:38	1
Pentachlorophenol	1.1	U	50	1.1	ug/L		09/09/14 19:00	09/12/14 17:38	1
Phenanthrene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 17:38	1
Phenol	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 17:38	1
Pyrene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 17:38	1
2,4,6-Trichlorophenol	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*48 - 124*	*09/09/14 19:00*	*09/12/14 17:38*	*1*
2-Fluorobiphenyl	*70*		*24 - 113*	*09/09/14 19:00*	*09/12/14 17:38*	*1*
2-Fluorophenol (Surr)	*55*		*12 - 105*	*09/09/14 19:00*	*09/12/14 17:38*	*1*
Terphenyl-d14 (Surr)	*73*		*36 - 127*	*09/09/14 19:00*	*09/12/14 17:38*	*1*
Phenol-d5 (Surr)	*59*		*17 - 111*	*09/09/14 19:00*	*09/12/14 17:38*	*1*
Nitrobenzene-d5 (Surr)	*62*		*26 - 107*	*09/09/14 19:00*	*09/12/14 17:38*	*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	0.0016	U	0.015	0.0016	mg/Kg	☼	09/03/14 09:38	09/06/14 00:06	1
4,4'-DDE	**0.0040**	**I**	0.015	0.0016	mg/Kg	☼	09/03/14 09:38	09/06/14 00:06	1
4,4'-DDT	0.020	U	0.15	0.020	mg/Kg	☼	09/03/14 09:38	09/05/14 23:41	10
Aldrin	0.0014	U	0.015	0.0014	mg/Kg	☼	09/03/14 09:38	09/06/14 00:06	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 1-3F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-3
Matrix: Solid
Percent Solids: 11.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	0.0013	U	0.015	0.0013	mg/Kg	☼	09/03/14 09:38	09/06/14 00:06	1
beta-BHC	0.0030	U	0.015	0.0030	mg/Kg	☼	09/03/14 09:38	09/06/14 00:06	1
Chlordane (technical)	0.026	U	0.15	0.026	mg/Kg	☼	09/03/14 09:38	09/06/14 00:06	1
delta-BHC	0.0017	U	0.015	0.0017	mg/Kg	☼	09/03/14 09:38	09/06/14 00:06	1
Dieldrin	0.0015	U	0.015	0.0015	mg/Kg	☼	09/03/14 09:38	09/06/14 00:06	1
Endosulfan I	0.0015	U	0.015	0.0015	mg/Kg	☼	09/03/14 09:38	09/06/14 00:06	1
Endosulfan II	0.0014	U	0.015	0.0014	mg/Kg	☼	09/03/14 09:38	09/06/14 00:06	1
Endosulfan sulfate	0.0019	U	0.015	0.0019	mg/Kg	☼	09/03/14 09:38	09/06/14 00:06	1
Endrin	0.0020	U	0.015	0.0020	mg/Kg	☼	09/03/14 09:38	09/06/14 00:06	1
Endrin aldehyde	0.0020	U	0.015	0.0020	mg/Kg	☼	09/03/14 09:38	09/06/14 00:06	1
Endrin ketone	0.018	U	0.15	0.018	mg/Kg	☼	09/03/14 09:38	09/05/14 23:41	10
gamma-BHC (Lindane)	0.0013	U	0.015	0.0013	mg/Kg	☼	09/03/14 09:38	09/06/14 00:06	1
Heptachlor	0.017	U	0.15	0.017	mg/Kg	☼	09/03/14 09:38	09/05/14 23:41	10
Heptachlor epoxide	0.0015	U	0.015	0.0015	mg/Kg	☼	09/03/14 09:38	09/06/14 00:06	1
Methoxychlor	0.025	U	0.15	0.025	mg/Kg	☼	09/03/14 09:38	09/05/14 23:41	10
Toxaphene	0.50	U	15	0.50	mg/Kg	☼	09/03/14 09:38	09/05/14 23:41	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*42*	*J1*	*54 - 133*	*09/03/14 09:38*	*09/06/14 00:06*	*1*
Tetrachloro-m-xylene	*37*	*J1*	*46 - 130*	*09/03/14 09:38*	*09/06/14 00:06*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 18:15	1
4,4'-DDE	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 18:15	1
4,4'-DDT	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 18:15	1
Aldrin	0.0020	U	0.049	0.0020	ug/L		09/09/14 13:16	09/09/14 18:15	1
alpha-BHC	0.0059	U	0.049	0.0059	ug/L		09/09/14 13:16	09/09/14 18:15	1
beta-BHC	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 18:15	1
delta-BHC	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 18:15	1
Dieldrin	0.0020	U	0.098	0.0020	ug/L		09/09/14 13:16	09/09/14 18:15	1
Endosulfan I	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 18:15	1
Endosulfan II	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 18:15	1
Endosulfan sulfate	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 18:15	1
Endrin	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 18:15	1
Endrin aldehyde	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 18:15	1
Endrin ketone	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 18:15	1
gamma-BHC (Lindane)	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 18:15	1
Heptachlor	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 18:15	1
Heptachlor epoxide	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 18:15	1
Methoxychlor	0.013	U	0.49	0.013	ug/L		09/09/14 13:16	09/09/14 18:15	1
Chlordane (technical)	0.33	U	0.98	0.33	ug/L		09/09/14 13:16	09/09/14 18:15	1
Toxaphene	0.67	U	4.9	0.67	ug/L		09/09/14 13:16	09/09/14 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*41*		*20 - 142*	*09/09/14 13:16*	*09/09/14 18:15*	*1*
Tetrachloro-m-xylene	*93*		*22 - 134*	*09/09/14 13:16*	*09/09/14 18:15*	*1*

Client Sample ID: Comp 1-3F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-3
Matrix: Solid
Percent Solids: 11.0

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1600**		460	270	mg/Kg	☼		09/10/14 12:36	5
Sulfate	**340**	**I**	460	270	mg/Kg	☼		09/10/14 12:36	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.41	U	0.81	0.41	mg/Kg	☼	09/02/14 08:55	09/08/14 22:13	1
Arsenic	**11**		2.0	0.81	mg/Kg	☼	09/02/14 08:55	09/08/14 22:13	1
Barium	**76**		4.1	1.1	mg/Kg	☼	09/02/14 08:55	09/08/14 22:13	1
Beryllium	**1.5**		0.41	0.20	mg/Kg	☼	09/02/14 08:55	09/08/14 22:13	1
Cadmium	**1.4**		0.41	0.097	mg/Kg	☼	09/02/14 08:55	09/08/14 22:13	1
Chromium	**63**		4.1	2.0	mg/Kg	☼	09/02/14 08:55	09/08/14 22:13	1
Copper	**40**		4.1	1.6	mg/Kg	☼	09/02/14 08:55	09/08/14 22:13	1
Sodium	**2200**		200	130	mg/Kg	☼	09/02/14 08:55	09/08/14 22:13	1
Nickel	**23**		4.1	2.0	mg/Kg	☼	09/02/14 08:55	09/08/14 22:13	1
Lead	**240**		1.6	0.81	mg/Kg	☼	09/02/14 08:55	09/08/14 22:13	1
Antimony	4.1	U	8.1	4.1	mg/Kg	☼	09/02/14 08:55	09/08/14 22:13	1
Selenium	**6.4**		4.1	2.0	mg/Kg	☼	09/02/14 08:55	09/08/14 22:13	1
Thallium	0.20	U	0.81	0.20	mg/Kg	☼	09/02/14 08:55	09/08/14 22:13	1
Zinc	**200**		16	4.5	mg/Kg	☼	09/02/14 08:55	09/08/14 22:13	1

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/08/14 08:29	09/12/14 21:20	1
Arsenic	**17**		2.5	2.5	ug/L		09/08/14 08:29	09/12/14 21:20	1
Barium	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:20	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/08/14 08:29	09/12/14 21:20	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/08/14 08:29	09/12/14 21:20	1
Chromium	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:20	1
Copper	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:20	1
Nickel	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:20	1
Lead	1.5	U	1.5	1.5	ug/L		09/08/14 08:29	09/12/14 21:20	1
Antimony	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:20	1
Selenium	**2.7**		2.5	2.5	ug/L		09/08/14 08:29	09/12/14 21:20	1
Thallium	1.0	U	1.0	1.0	ug/L		09/08/14 08:29	09/12/14 21:20	1
Zinc	20	U	20	20	ug/L		09/08/14 08:29	09/12/14 21:20	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/08/14 12:25	09/09/14 11:21	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.31**		0.17	0.070	mg/Kg	☼	09/04/14 10:18	09/05/14 11:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**390**		27	12	mg/Kg	☼	09/05/14 13:59	09/06/14 10:51	10
Total Kjeldahl Nitrogen	**9700**		4100	2500	mg/Kg	☼	09/09/14 16:23	09/10/14 12:24	10
Total Phosphorus as P	**1800**		170	91	mg/Kg	☼	09/09/14 16:23	09/10/14 11:29	1
Cyanide, Total	1.9	U	4.4	1.9	mg/Kg	☼	09/02/14 08:00	09/02/14 12:09	1
Phenolics, Total Recoverable	5.4	U	22	5.4	mg/Kg	☼	09/02/14 08:59	09/02/14 15:31	1

Client Sample ID: Comp 1-3F

Lab Sample ID: 660-62560-3

Date Collected: 08/29/14 12:00
Matrix: Solid
Date Received: 08/29/14 13:53
Percent Solids: 11.0

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	5.0	U	18	5.0	mg/Kg	☼		09/03/14 16:21	1

Client Sample ID: Comp 3-1F

Lab Sample ID: 660-62560-4

Date Collected: 08/29/14 12:00
Matrix: Solid
Date Received: 08/29/14 13:53
Percent Solids: 12.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.19	U	0.80	0.19	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
Acrylonitrile	0.27	U	0.80	0.27	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
Benzene	0.0059	U	0.040	0.0059	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
Bromoform	0.012	U	0.040	0.012	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
Bromomethane	0.012	U	0.040	0.012	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
Carbon tetrachloride	0.0067	U	0.040	0.0067	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
Chlorobenzene	0.0077	U	0.040	0.0077	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
Chloroethane	0.022	U	0.040	0.022	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
Chloroform	0.0088	U	0.040	0.0088	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
Chloromethane	0.0080	U	0.040	0.0080	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
Dibromochloromethane	0.014	U	0.040	0.014	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
1,2-Dichlorobenzene	0.010	U	0.040	0.010	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
1,3-Dichlorobenzene	0.013	U	0.040	0.013	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
1,4-Dichlorobenzene	0.0059	U	0.040	0.0059	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
Dichlorodifluoromethane	0.0075	U	0.040	0.0075	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
1,1-Dichloroethane	0.0088	U	0.040	0.0088	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
1,2-Dichloroethane	0.0088	U	0.040	0.0088	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
cis-1,2-Dichloroethene	0.011	U	0.040	0.011	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
trans-1,2-Dichloroethene	0.0051	U	0.040	0.0051	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
1,1-Dichloroethene	0.012	U	0.040	0.012	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
1,2-Dichloropropane	0.0069	U	0.040	0.0069	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
cis-1,3-Dichloropropene	0.0067	U	0.040	0.0067	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
trans-1,3-Dichloropropene	0.0070	U	0.040	0.0070	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
Ethylbenzene	0.010	U	0.040	0.010	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
Methylene Chloride	0.0079	J3 U	0.040	0.0079	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
Methyl tert-butyl ether	0.0080	U	0.080	0.0080	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
Tetrachloroethene	0.015	U	0.040	0.015	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
Toluene	0.0067	U	0.040	0.0067	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
1,2,4-Trichlorobenzene	0.0071	U	0.040	0.0071	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
1,1,1-Trichloroethane	0.0047	U	0.040	0.0047	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
1,1,2-Trichloroethane	0.010	U	0.040	0.010	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
Trichloroethene	0.010	U	0.040	0.010	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
Vinyl chloride	0.012	U	0.040	0.012	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1
Xylenes, Total	0.0088	U	0.080	0.0088	mg/Kg	☼	09/02/14 19:27	09/02/14 22:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*65 - 130*	*09/02/14 19:27*	*09/02/14 22:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*65 - 130*	*09/02/14 19:27*	*09/02/14 22:26*	*1*
4-Bromofluorobenzene (Surr)	*109*		*65 - 130*	*09/02/14 19:27*	*09/02/14 22:26*	*1*
Toluene-d8 (Surr)	*98*		*65 - 130*	*09/02/14 19:27*	*09/02/14 22:26*	*1*

Client Sample ID: Comp 3-1F

Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-4

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	J3 U	20	20	ug/L			09/12/14 15:36	1
Acrylonitrile	20	U	20	20	ug/L			09/12/14 15:36	1
Benzene	1.0	U	1.0	1.0	ug/L			09/12/14 15:36	1
Bromoform	1.0	U	1.0	1.0	ug/L			09/12/14 15:36	1
Bromomethane	5.0	J3 U	5.0	5.0	ug/L			09/12/14 15:36	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			09/12/14 15:36	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 15:36	1
Chloroethane	5.0	U	5.0	5.0	ug/L			09/12/14 15:36	1
Chloroform	**8.4**		1.0	1.0	ug/L			09/12/14 15:36	1
Chloromethane	1.0	U	1.0	1.0	ug/L			09/12/14 15:36	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			09/12/14 15:36	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 15:36	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 15:36	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 15:36	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			09/12/14 15:36	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 15:36	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 15:36	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 15:36	1
trans-1,2-Dichloroethene	**1.1**		1.0	1.0	ug/L			09/12/14 15:36	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 15:36	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			09/12/14 15:36	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/12/14 15:36	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/12/14 15:36	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			09/12/14 15:36	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			09/12/14 15:36	1
Methyl tert-butyl ether	10	U	10	10	ug/L			09/12/14 15:36	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 15:36	1
Toluene	**2.3**		1.0	1.0	ug/L			09/12/14 15:36	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			09/12/14 15:36	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 15:36	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 15:36	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 15:36	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			09/12/14 15:36	1
Xylenes, Total	2.0	U	2.0	2.0	ug/L			09/12/14 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*09/12/14 15:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*09/12/14 15:36*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*09/12/14 15:36*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*09/12/14 15:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.33	U	2.7	0.33	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Acenaphthylene	0.29	U	2.7	0.29	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Anthracene	0.20	U	2.7	0.20	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Benzo[a]anthracene	0.22	U	2.7	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Benzo[a]pyrene	0.42	U	2.7	0.42	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Benzo[b]fluoranthene	0.31	U	2.7	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Benzo[g,h,i]perylene	0.18	U	2.7	0.18	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 3-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-4
Matrix: Solid
Percent Solids: 12.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.52	U	2.7	0.52	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Bis(2-chloroethoxy)methane	0.31	U	2.7	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Bis(2-chloroethyl)ether	0.36	U	2.7	0.36	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
bis (2-chloroisopropyl) ether	0.24	U	2.7	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Bis(2-ethylhexyl) phthalate	0.23	U	2.7	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
4-Bromophenyl phenyl ether	0.29	U	2.7	0.29	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Butyl benzyl phthalate	0.21	U	2.7	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
4-Chloroaniline	0.42	U	5.3	0.42	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
4-Chloro-3-methylphenol	0.28	U	2.7	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
2-Chloronaphthalene	0.28	U	2.7	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
2-Chlorophenol	0.32	U	2.7	0.32	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
4-Chlorophenyl phenyl ether	0.35	U	2.7	0.35	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Chrysene	0.17	U	2.7	0.17	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Dibenz(a,h)anthracene	0.31	U	2.7	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Dibenzofuran	0.27	U	2.7	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
3,3'-Dichlorobenzidine	0.23	U	5.3	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
2,4-Dichlorophenol	0.28	U	2.7	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Diethyl phthalate	0.30	U	2.7	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
2,4-Dimethylphenol	0.35	U	2.7	0.35	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Dimethyl phthalate	0.27	U	2.7	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Di-n-butyl phthalate	0.24	U	2.7	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
4,6-Dinitro-2-methylphenol	1.4	U	14	1.4	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
2,4-Dinitrophenol	6.7	U	14	6.7	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
2,4-Dinitrotoluene	0.39	U	2.7	0.39	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
2,6-Dinitrotoluene	0.34	U	2.7	0.34	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Di-n-octyl phthalate	0.23	U	2.7	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
1,2-Diphenylhydrazine(as Azobenzene)	0.27	U	2.7	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Fluoranthene	0.26	U	2.7	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Fluorene	0.29	U	2.7	0.29	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Hexachlorobenzene	0.31	U	2.7	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Hexachlorobutadiene	0.29	U	2.7	0.29	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Hexachlorocyclopentadiene	0.33	U	2.7	0.33	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Hexachloroethane	0.23	U	2.7	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Indeno[1,2,3-cd]pyrene	0.23	U	2.7	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Isophorone	0.27	U	2.7	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
1-Methylnaphthalene	0.25	U	2.7	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
2-Methylnaphthalene	0.31	U	2.7	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Naphthalene	0.24	U	2.7	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Nitrobenzene	0.21	U	2.7	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
2-Nitrophenol	0.33	U	2.7	0.33	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
4-Nitrophenol	2.7	U	14	2.7	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
N-Nitrosodimethylamine	0.97	U	2.7	0.97	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
N-Nitrosodi-n-propylamine	0.26	U	2.7	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
N-Nitrosodiphenylamine	0.27	U	2.7	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Pentachlorophenol	2.7	U	14	2.7	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Phenanthrene	0.22	U	2.7	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Phenol	0.27	U	2.7	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
Pyrene	0.22	U	2.7	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1
2,4,6-Trichlorophenol	0.23	U	2.7	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 17:41	1

Client Sample ID: Comp 3-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-4
Matrix: Solid
Percent Solids: 12.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	47		41 - 116	09/03/14 13:30	09/10/14 17:41	1
2-Fluorophenol (Surr)	56		39 - 114	09/03/14 13:30	09/10/14 17:41	1
Nitrobenzene-d5 (Surr)	53		37 - 115	09/03/14 13:30	09/10/14 17:41	1
Phenol-d5 (Surr)	55		38 - 122	09/03/14 13:30	09/10/14 17:41	1
Terphenyl-d14 (Surr)	48		46 - 126	09/03/14 13:30	09/10/14 17:41	1
2,4,6-Tribromophenol (Surr)	57		45 - 129	09/03/14 13:30	09/10/14 17:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 18:09	1
Acenaphthylene	0.85	U	10	0.85	ug/L		09/09/14 19:00	09/12/14 18:09	1
Anthracene	0.86	U	10	0.86	ug/L		09/09/14 19:00	09/12/14 18:09	1
Benzo[a]anthracene	0.88	U	10	0.88	ug/L		09/09/14 19:00	09/12/14 18:09	1
Benzo[a]pyrene	0.89	U	10	0.89	ug/L		09/09/14 19:00	09/12/14 18:09	1
Benzo[b]fluoranthene	0.80	U	10	0.80	ug/L		09/09/14 19:00	09/12/14 18:09	1
Benzo[g,h,i]perylene	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 18:09	1
Benzo[k]fluoranthene	0.86	U	10	0.86	ug/L		09/09/14 19:00	09/12/14 18:09	1
Bis(2-chloroethoxy)methane	0.96	U	10	0.96	ug/L		09/09/14 19:00	09/12/14 18:09	1
Bis(2-chloroethyl)ether	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 18:09	1
bis (2-chloroisopropyl) ether	1.1	U	10	1.1	ug/L		09/09/14 19:00	09/12/14 18:09	1
Bis(2-ethylhexyl) phthalate	2.5	U	10	2.5	ug/L		09/09/14 19:00	09/12/14 18:09	1
4-Bromophenyl phenyl ether	0.97	U	10	0.97	ug/L		09/09/14 19:00	09/12/14 18:09	1
Butyl benzyl phthalate	0.98	U	10	0.98	ug/L		09/09/14 19:00	09/12/14 18:09	1
4-Chloroaniline	1.7	U	20	1.7	ug/L		09/09/14 19:00	09/12/14 18:09	1
4-Chloro-3-methylphenol	1.1	U	10	1.1	ug/L		09/09/14 19:00	09/12/14 18:09	1
2-Chloronaphthalene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 18:09	1
2-Chlorophenol	1.6	U	10	1.6	ug/L		09/09/14 19:00	09/12/14 18:09	1
4-Chlorophenyl phenyl ether	1.5	U	10	1.5	ug/L		09/09/14 19:00	09/12/14 18:09	1
Chrysene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 18:09	1
Dibenz(a,h)anthracene	2.3	U	10	2.3	ug/L		09/09/14 19:00	09/12/14 18:09	1
Dibenzofuran	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 18:09	1
3,3'-Dichlorobenzidine	6.8	U	20	6.8	ug/L		09/09/14 19:00	09/12/14 18:09	1
2,4-Dichlorophenol	3.3	U	10	3.3	ug/L		09/09/14 19:00	09/12/14 18:09	1
Diethyl phthalate	0.90	J3 U	10	0.90	ug/L		09/09/14 19:00	09/12/14 18:09	1
2,4-Dimethylphenol	3.8	U	10	3.8	ug/L		09/09/14 19:00	09/12/14 18:09	1
Dimethyl phthalate	1.3	U	10	1.3	ug/L		09/09/14 19:00	09/12/14 18:09	1
Di-n-butyl phthalate	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 18:09	1
4,6-Dinitro-2-methylphenol	1.0	U	50	1.0	ug/L		09/09/14 19:00	09/12/14 18:09	1
2,4-Dinitrophenol	3.1	U	50	3.1	ug/L		09/09/14 19:00	09/12/14 18:09	1
2,4-Dinitrotoluene	1.7	U	10	1.7	ug/L		09/09/14 19:00	09/12/14 18:09	1
2,6-Dinitrotoluene	2.1	U	10	2.1	ug/L		09/09/14 19:00	09/12/14 18:09	1
Di-n-octyl phthalate	2.0	U	10	2.0	ug/L		09/09/14 19:00	09/12/14 18:09	1
1,2-Diphenylhydrazine(as Azobenzene)	0.99	U	10	0.99	ug/L		09/09/14 19:00	09/12/14 18:09	1
Fluoranthene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 18:09	1
Fluorene	0.90	U	10	0.90	ug/L		09/09/14 19:00	09/12/14 18:09	1
Hexachlorobenzene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 18:09	1
Hexachlorobutadiene	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 18:09	1
Hexachlorocyclopentadiene	2.1	U	10	2.1	ug/L		09/09/14 19:00	09/12/14 18:09	1
Hexachloroethane	4.5	U	10	4.5	ug/L		09/09/14 19:00	09/12/14 18:09	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 3-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-4
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	2.4	U	10	2.4	ug/L		09/09/14 19:00	09/12/14 18:09	1
Isophorone	0.85	U	10	0.85	ug/L		09/09/14 19:00	09/12/14 18:09	1
2-Methylnaphthalene	1.5	U	10	1.5	ug/L		09/09/14 19:00	09/12/14 18:09	1
1-Methylnaphthalene	2.6	U	10	2.6	ug/L		09/09/14 19:00	09/12/14 18:09	1
Naphthalene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 18:09	1
Nitrobenzene	1.6	U	10	1.6	ug/L		09/09/14 19:00	09/12/14 18:09	1
2-Nitrophenol	0.96	U	10	0.96	ug/L		09/09/14 19:00	09/12/14 18:09	1
4-Nitrophenol	2.1	U	50	2.1	ug/L		09/09/14 19:00	09/12/14 18:09	1
N-Nitrosodimethylamine	2.4	U	10	2.4	ug/L		09/09/14 19:00	09/12/14 18:09	1
N-Nitrosodi-n-propylamine	0.93	U	10	0.93	ug/L		09/09/14 19:00	09/12/14 18:09	1
N-Nitrosodiphenylamine	0.62	U	10	0.62	ug/L		09/09/14 19:00	09/12/14 18:09	1
Pentachlorophenol	1.1	U	50	1.1	ug/L		09/09/14 19:00	09/12/14 18:09	1
Phenanthrene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 18:09	1
Phenol	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 18:09	1
Pyrene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 18:09	1
2,4,6-Trichlorophenol	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*48 - 124*	*09/09/14 19:00*	*09/12/14 18:09*	*1*
2-Fluorobiphenyl	*76*		*24 - 113*	*09/09/14 19:00*	*09/12/14 18:09*	*1*
2-Fluorophenol (Surr)	*69*		*12 - 105*	*09/09/14 19:00*	*09/12/14 18:09*	*1*
Terphenyl-d14 (Surr)	*63*		*36 - 127*	*09/09/14 19:00*	*09/12/14 18:09*	*1*
Phenol-d5 (Surr)	*71*		*17 - 111*	*09/09/14 19:00*	*09/12/14 18:09*	*1*
Nitrobenzene-d5 (Surr)	*74*		*26 - 107*	*09/09/14 19:00*	*09/12/14 18:09*	*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	0.0015	U	0.014	0.0015	mg/Kg	☼	09/03/14 09:38	09/06/14 00:20	1
4,4'-DDE	**0.0044**	**I**	0.014	0.0015	mg/Kg	☼	09/03/14 09:38	09/06/14 00:20	1
4,4'-DDT	0.018	U	0.14	0.018	mg/Kg	☼	09/03/14 09:38	09/05/14 23:55	10
Aldrin	0.0012	U	0.014	0.0012	mg/Kg	☼	09/03/14 09:38	09/06/14 00:20	1
alpha-BHC	0.0011	U	0.014	0.0011	mg/Kg	☼	09/03/14 09:38	09/06/14 00:20	1
beta-BHC	0.0027	U	0.014	0.0027	mg/Kg	☼	09/03/14 09:38	09/06/14 00:20	1
Chlordane (technical)	0.023	U	0.14	0.023	mg/Kg	☼	09/03/14 09:38	09/06/14 00:20	1
delta-BHC	0.0015	U	0.014	0.0015	mg/Kg	☼	09/03/14 09:38	09/06/14 00:20	1
Dieldrin	0.0014	U	0.014	0.0014	mg/Kg	☼	09/03/14 09:38	09/06/14 00:20	1
Endosulfan I	0.0014	U	0.014	0.0014	mg/Kg	☼	09/03/14 09:38	09/06/14 00:20	1
Endosulfan II	0.0012	U	0.014	0.0012	mg/Kg	☼	09/03/14 09:38	09/06/14 00:20	1
Endosulfan sulfate	0.0017	U	0.014	0.0017	mg/Kg	☼	09/03/14 09:38	09/06/14 00:20	1
Endrin	0.0018	U	0.014	0.0018	mg/Kg	☼	09/03/14 09:38	09/06/14 00:20	1
Endrin aldehyde	0.0018	U	0.014	0.0018	mg/Kg	☼	09/03/14 09:38	09/06/14 00:20	1
Endrin ketone	0.016	U	0.14	0.016	mg/Kg	☼	09/03/14 09:38	09/05/14 23:55	10
gamma-BHC (Lindane)	0.0011	U	0.014	0.0011	mg/Kg	☼	09/03/14 09:38	09/06/14 00:20	1
Heptachlor	0.015	U	0.14	0.015	mg/Kg	☼	09/03/14 09:38	09/05/14 23:55	10
Heptachlor epoxide	0.0013	U	0.014	0.0013	mg/Kg	☼	09/03/14 09:38	09/06/14 00:20	1
Methoxychlor	0.023	U	0.14	0.023	mg/Kg	☼	09/03/14 09:38	09/05/14 23:55	10
Toxaphene	0.44	U	14	0.44	mg/Kg	☼	09/03/14 09:38	09/05/14 23:55	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*49*	*J1*	*54 - 133*	*09/03/14 09:38*	*09/06/14 00:20*	*1*

Client Sample ID: Comp 3-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-4
Matrix: Solid
Percent Solids: 12.4

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*45*	*J1*	*46 - 130*	*09/03/14 09:38*	*09/06/14 00:20*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/10/14 13:04	1
4,4'-DDE	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/10/14 13:04	1
4,4'-DDT	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/10/14 13:04	1
Aldrin	0.0020	U	0.049	0.0020	ug/L		09/09/14 13:16	09/10/14 13:04	1
alpha-BHC	0.0059	U	0.049	0.0059	ug/L		09/09/14 13:16	09/10/14 13:04	1
beta-BHC	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/10/14 13:04	1
delta-BHC	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/10/14 13:04	1
Dieldrin	0.0020	U	0.098	0.0020	ug/L		09/09/14 13:16	09/10/14 13:04	1
Endosulfan I	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/10/14 13:04	1
Endosulfan II	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/10/14 13:04	1
Endosulfan sulfate	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/10/14 13:04	1
Endrin	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/10/14 13:04	1
Endrin aldehyde	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/10/14 13:04	1
Endrin ketone	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/10/14 13:04	1
gamma-BHC (Lindane)	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/10/14 13:04	1
Heptachlor	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/10/14 13:04	1
Heptachlor epoxide	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/10/14 13:04	1
Methoxychlor	0.013	U	0.49	0.013	ug/L		09/09/14 13:16	09/10/14 13:04	1
Chlordane (technical)	0.33	U	0.98	0.33	ug/L		09/09/14 13:16	09/10/14 13:04	1
Toxaphene	0.67	U	4.9	0.67	ug/L		09/09/14 13:16	09/10/14 13:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*77*		*20 - 142*	*09/09/14 13:16*	*09/10/14 13:04*	*1*
Tetrachloro-m-xylene	*107*		*22 - 134*	*09/09/14 13:16*	*09/10/14 13:04*	*1*

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**990**		400	240	mg/Kg	☼		09/10/14 12:51	5
Sulfate	240	U	400	240	mg/Kg	☼		09/10/14 12:51	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.38	U	0.75	0.38	mg/Kg	☼	09/02/14 08:55	09/08/14 22:19	1
Arsenic	**9.4**		1.9	0.75	mg/Kg	☼	09/02/14 08:55	09/08/14 22:19	1
Barium	**74**		3.8	0.98	mg/Kg	☼	09/02/14 08:55	09/08/14 22:19	1
Beryllium	**1.3**		0.38	0.19	mg/Kg	☼	09/02/14 08:55	09/08/14 22:19	1
Cadmium	**1.5**		0.38	0.090	mg/Kg	☼	09/02/14 08:55	09/08/14 22:19	1
Chromium	**60**		3.8	1.9	mg/Kg	☼	09/02/14 08:55	09/08/14 22:19	1
Copper	**42**		3.8	1.5	mg/Kg	☼	09/02/14 08:55	09/08/14 22:19	1
Sodium	**1300**		190	120	mg/Kg	☼	09/02/14 08:55	09/08/14 22:19	1
Nickel	**22**		3.8	1.9	mg/Kg	☼	09/02/14 08:55	09/08/14 22:19	1
Lead	**200**		1.5	0.75	mg/Kg	☼	09/02/14 08:55	09/08/14 22:19	1
Antimony	3.8	U	7.5	3.8	mg/Kg	☼	09/02/14 08:55	09/08/14 22:19	1
Selenium	**5.1**		3.8	1.9	mg/Kg	☼	09/02/14 08:55	09/08/14 22:19	1
Thallium	**0.20**	**I**	0.75	0.19	mg/Kg	☼	09/02/14 08:55	09/08/14 22:19	1
Zinc	**210**		15	4.1	mg/Kg	☼	09/02/14 08:55	09/08/14 22:19	1

Client Sample ID: Comp 3-1F

Lab Sample ID: 660-62560-4

Date Collected: 08/29/14 12:00

Matrix: Solid

Date Received: 08/29/14 13:53

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/08/14 08:29	09/12/14 21:27	1
Arsenic	**17**		2.5	2.5	ug/L		09/08/14 08:29	09/12/14 21:27	1
Barium	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:27	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/08/14 08:29	09/12/14 21:27	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/08/14 08:29	09/12/14 21:27	1
Chromium	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:27	1
Copper	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:27	1
Nickel	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:27	1
Lead	1.5	U	1.5	1.5	ug/L		09/08/14 08:29	09/12/14 21:27	1
Antimony	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:27	1
Selenium	2.5	U	2.5	2.5	ug/L		09/08/14 08:29	09/12/14 21:27	1
Thallium	1.0	U	1.0	1.0	ug/L		09/08/14 08:29	09/12/14 21:27	1
Zinc	20	U	20	20	ug/L		09/08/14 08:29	09/12/14 21:27	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/08/14 12:25	09/09/14 11:24	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.30**		0.15	0.060	mg/Kg	☼	09/04/14 10:18	09/05/14 11:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**290**		12	5.2	mg/Kg	☼	09/05/14 13:59	09/06/14 12:23	5
Total Kjeldahl Nitrogen	**13000**		3600	2200	mg/Kg	☼	09/09/14 16:23	09/10/14 12:25	10
Total Phosphorus as P	**420**		150	80	mg/Kg	☼	09/09/14 16:23	09/10/14 11:30	1
Cyanide, Total	1.7	U	4.0	1.7	mg/Kg	☼	09/02/14 08:00	09/02/14 12:10	1
Phenolics, Total Recoverable	4.8	U	19	4.8	mg/Kg	☼	09/02/14 08:59	09/02/14 15:31	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	4.4	U	16	4.4	mg/Kg	☼		09/03/14 16:22	1

Client Sample ID: Comp 5-1F

Lab Sample ID: 660-62560-5

Date Collected: 08/29/14 12:00

Matrix: Solid

Date Received: 08/29/14 13:53

Percent Solids: 9.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.24	U	0.99	0.24	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
Acrylonitrile	0.34	U	0.99	0.34	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
Benzene	0.0072	U	0.049	0.0072	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
Bromoform	0.015	U	0.049	0.015	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
Bromomethane	0.015	U	0.049	0.015	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
Carbon tetrachloride	0.0082	U	0.049	0.0082	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
Chlorobenzene	0.0095	U	0.049	0.0095	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
Chloroethane	0.027	U	0.049	0.027	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
Chloroform	0.011	U	0.049	0.011	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
Chloromethane	0.0099	U	0.049	0.0099	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
Dibromochloromethane	0.017	U	0.049	0.017	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1

Client Sample ID: Comp 5-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-5
Matrix: Solid
Percent Solids: 9.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	0.013	U	0.049	0.013	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
1,3-Dichlorobenzene	0.016	U	0.049	0.016	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
1,4-Dichlorobenzene	0.0073	U	0.049	0.0073	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
Dichlorodifluoromethane	0.0093	U	0.049	0.0093	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
1,1-Dichloroethane	0.011	U	0.049	0.011	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
1,2-Dichloroethane	0.011	U	0.049	0.011	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
cis-1,2-Dichloroethene	0.014	U	0.049	0.014	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
trans-1,2-Dichloroethene	0.0062	U	0.049	0.0062	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
1,1-Dichloroethene	0.015	U	0.049	0.015	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
1,2-Dichloropropane	0.0085	U	0.049	0.0085	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
cis-1,3-Dichloropropene	0.0082	U	0.049	0.0082	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
trans-1,3-Dichloropropene	0.0086	U	0.049	0.0086	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
Ethylbenzene	0.013	U	0.049	0.013	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
Methylene Chloride	0.0097	J3 U	0.049	0.0097	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
Methyl tert-butyl ether	0.0099	U	0.099	0.0099	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
Tetrachloroethene	0.019	U	0.049	0.019	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
Toluene	0.0083	U	0.049	0.0083	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
1,2,4-Trichlorobenzene	0.0088	U	0.049	0.0088	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
1,1,1-Trichloroethane	0.0058	U	0.049	0.0058	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
1,1,2-Trichloroethane	0.013	U	0.049	0.013	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
Trichloroethene	0.013	U	0.049	0.013	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
Vinyl chloride	0.015	U	0.049	0.015	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1
Xylenes, Total	0.011	U	0.099	0.011	mg/Kg	☼	09/02/14 19:27	09/02/14 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*91*		*65 - 130*	*09/02/14 19:27*	*09/02/14 22:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 130*	*09/02/14 19:27*	*09/02/14 22:47*	*1*
4-Bromofluorobenzene (Surr)	*116*		*65 - 130*	*09/02/14 19:27*	*09/02/14 22:47*	*1*
Toluene-d8 (Surr)	*100*		*65 - 130*	*09/02/14 19:27*	*09/02/14 22:47*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	J3 U	20	20	ug/L			09/12/14 15:58	1
Acrylonitrile	20	U	20	20	ug/L			09/12/14 15:58	1
Benzene	1.0	U	1.0	1.0	ug/L			09/12/14 15:58	1
Bromoform	1.0	U	1.0	1.0	ug/L			09/12/14 15:58	1
Bromomethane	5.0	J3 U	5.0	5.0	ug/L			09/12/14 15:58	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			09/12/14 15:58	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 15:58	1
Chloroethane	5.0	U	5.0	5.0	ug/L			09/12/14 15:58	1
Chloroform	**2.2**		1.0	1.0	ug/L			09/12/14 15:58	1
Chloromethane	1.0	U	1.0	1.0	ug/L			09/12/14 15:58	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			09/12/14 15:58	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 15:58	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 15:58	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 15:58	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			09/12/14 15:58	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 15:58	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 15:58	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 15:58	1

Client Sample ID: Comp 5-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-5
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 15:58	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 15:58	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			09/12/14 15:58	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/12/14 15:58	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/12/14 15:58	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			09/12/14 15:58	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			09/12/14 15:58	1
Methyl tert-butyl ether	10	U	10	10	ug/L			09/12/14 15:58	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 15:58	1
Toluene	1.0	U	1.0	1.0	ug/L			09/12/14 15:58	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			09/12/14 15:58	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 15:58	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 15:58	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 15:58	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			09/12/14 15:58	1
Xylenes, Total	2.0	U	2.0	2.0	ug/L			09/12/14 15:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*09/12/14 15:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*09/12/14 15:58*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*09/12/14 15:58*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*09/12/14 15:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.41	U	3.3	0.41	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Acenaphthylene	0.36	U	3.3	0.36	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Anthracene	0.25	U	3.3	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Benzo[a]anthracene	0.27	U	3.3	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Benzo[a]pyrene	0.52	U	3.3	0.52	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Benzo[b]fluoranthene	0.38	U	3.3	0.38	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Benzo[g,h,i]perylene	0.22	U	3.3	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Benzo[k]fluoranthene	0.66	U	3.3	0.66	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Bis(2-chloroethoxy)methane	0.39	U	3.3	0.39	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Bis(2-chloroethyl)ether	0.45	U	3.3	0.45	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
bis (2-chloroisopropyl) ether	0.30	U	3.3	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Bis(2-ethylhexyl) phthalate	0.29	U	3.3	0.29	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
4-Bromophenyl phenyl ether	0.36	U	3.3	0.36	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Butyl benzyl phthalate	0.26	U	3.3	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
4-Chloroaniline	0.52	U	6.7	0.52	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
4-Chloro-3-methylphenol	0.35	U	3.3	0.35	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
2-Chloronaphthalene	0.35	U	3.3	0.35	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
2-Chlorophenol	0.40	U	3.3	0.40	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
4-Chlorophenyl phenyl ether	0.44	U	3.3	0.44	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Chrysene	**0.23**	**I**	3.3	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Dibenz(a,h)anthracene	0.39	U	3.3	0.39	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Dibenzofuran	0.33	U	3.3	0.33	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
3,3'-Dichlorobenzidine	0.28	U	6.7	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
2,4-Dichlorophenol	0.35	U	3.3	0.35	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Diethyl phthalate	0.37	U	3.3	0.37	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 5-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-5
Matrix: Solid
Percent Solids: 9.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	0.44	U	3.3	0.44	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Dimethyl phthalate	0.34	U	3.3	0.34	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Di-n-butyl phthalate	0.30	U	3.3	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
4,6-Dinitro-2-methylphenol	1.7	U	17	1.7	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
2,4-Dinitrophenol	8.4	U	17	8.4	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
2,4-Dinitrotoluene	0.49	U	3.3	0.49	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
2,6-Dinitrotoluene	0.42	U	3.3	0.42	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Di-n-octyl phthalate	0.29	U	3.3	0.29	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
1,2-Diphenylhydrazine(as Azobenzene)	0.34	U	3.3	0.34	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Fluoranthene	**0.45**	**I**	3.3	0.32	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Fluorene	0.36	U	3.3	0.36	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Hexachlorobenzene	0.39	U	3.3	0.39	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Hexachlorobutadiene	0.36	U	3.3	0.36	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Hexachlorocyclopentadiene	0.41	U	3.3	0.41	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Hexachloroethane	0.28	U	3.3	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Indeno[1,2,3-cd]pyrene	0.28	U	3.3	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Isophorone	0.33	U	3.3	0.33	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
1-Methylnaphthalene	0.31	U	3.3	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
2-Methylnaphthalene	0.38	U	3.3	0.38	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Naphthalene	0.30	U	3.3	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Nitrobenzene	0.26	U	3.3	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
2-Nitrophenol	0.41	U	3.3	0.41	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
4-Nitrophenol	3.3	U	17	3.3	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
N-Nitrosodimethylamine	1.2	U	3.3	1.2	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
N-Nitrosodi-n-propylamine	0.32	U	3.3	0.32	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
N-Nitrosodiphenylamine	0.33	U	3.3	0.33	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Pentachlorophenol	3.3	U	17	3.3	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Phenanthrene	0.27	U	3.3	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Phenol	0.34	U	3.3	0.34	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
Pyrene	**0.39**	**I**	3.3	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1
2,4,6-Trichlorophenol	0.29	U	3.3	0.29	mg/Kg	☼	09/03/14 13:30	09/10/14 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*54*		*41 - 116*	*09/03/14 13:30*	*09/10/14 18:06*	*1*
2-Fluorophenol (Surr)	*68*		*39 - 114*	*09/03/14 13:30*	*09/10/14 18:06*	*1*
Nitrobenzene-d5 (Surr)	*66*		*37 - 115*	*09/03/14 13:30*	*09/10/14 18:06*	*1*
Phenol-d5 (Surr)	*72*		*38 - 122*	*09/03/14 13:30*	*09/10/14 18:06*	*1*
Terphenyl-d14 (Surr)	*54*		*46 - 126*	*09/03/14 13:30*	*09/10/14 18:06*	*1*
2,4,6-Tribromophenol (Surr)	*75*		*45 - 129*	*09/03/14 13:30*	*09/10/14 18:06*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 18:39	1
Acenaphthylene	0.85	U	10	0.85	ug/L		09/09/14 19:00	09/12/14 18:39	1
Anthracene	0.86	U	10	0.86	ug/L		09/09/14 19:00	09/12/14 18:39	1
Benzo[a]anthracene	0.88	U	10	0.88	ug/L		09/09/14 19:00	09/12/14 18:39	1
Benzo[a]pyrene	0.89	U	10	0.89	ug/L		09/09/14 19:00	09/12/14 18:39	1
Benzo[b]fluoranthene	0.80	U	10	0.80	ug/L		09/09/14 19:00	09/12/14 18:39	1
Benzo[g,h,i]perylene	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 18:39	1

Client Sample ID: Comp 5-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-5
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.86	U	10	0.86	ug/L		09/09/14 19:00	09/12/14 18:39	1
Bis(2-chloroethoxy)methane	0.96	U	10	0.96	ug/L		09/09/14 19:00	09/12/14 18:39	1
Bis(2-chloroethyl)ether	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 18:39	1
bis (2-chloroisopropyl) ether	1.1	U	10	1.1	ug/L		09/09/14 19:00	09/12/14 18:39	1
Bis(2-ethylhexyl) phthalate	2.5	U	10	2.5	ug/L		09/09/14 19:00	09/12/14 18:39	1
4-Bromophenyl phenyl ether	0.97	U	10	0.97	ug/L		09/09/14 19:00	09/12/14 18:39	1
Butyl benzyl phthalate	0.98	U	10	0.98	ug/L		09/09/14 19:00	09/12/14 18:39	1
4-Chloroaniline	1.7	U	20	1.7	ug/L		09/09/14 19:00	09/12/14 18:39	1
4-Chloro-3-methylphenol	1.1	U	10	1.1	ug/L		09/09/14 19:00	09/12/14 18:39	1
2-Chloronaphthalene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 18:39	1
2-Chlorophenol	1.6	U	10	1.6	ug/L		09/09/14 19:00	09/12/14 18:39	1
4-Chlorophenyl phenyl ether	1.5	U	10	1.5	ug/L		09/09/14 19:00	09/12/14 18:39	1
Chrysene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 18:39	1
Dibenz(a,h)anthracene	2.3	U	10	2.3	ug/L		09/09/14 19:00	09/12/14 18:39	1
Dibenzofuran	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 18:39	1
3,3'-Dichlorobenzidine	6.8	U	20	6.8	ug/L		09/09/14 19:00	09/12/14 18:39	1
2,4-Dichlorophenol	3.3	U	10	3.3	ug/L		09/09/14 19:00	09/12/14 18:39	1
Diethyl phthalate	0.90	J3 U	10	0.90	ug/L		09/09/14 19:00	09/12/14 18:39	1
2,4-Dimethylphenol	3.8	U	10	3.8	ug/L		09/09/14 19:00	09/12/14 18:39	1
Dimethyl phthalate	1.3	U	10	1.3	ug/L		09/09/14 19:00	09/12/14 18:39	1
Di-n-butyl phthalate	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 18:39	1
4,6-Dinitro-2-methylphenol	1.0	U	50	1.0	ug/L		09/09/14 19:00	09/12/14 18:39	1
2,4-Dinitrophenol	3.1	U	50	3.1	ug/L		09/09/14 19:00	09/12/14 18:39	1
2,4-Dinitrotoluene	1.7	U	10	1.7	ug/L		09/09/14 19:00	09/12/14 18:39	1
2,6-Dinitrotoluene	2.1	U	10	2.1	ug/L		09/09/14 19:00	09/12/14 18:39	1
Di-n-octyl phthalate	2.0	U	10	2.0	ug/L		09/09/14 19:00	09/12/14 18:39	1
1,2-Diphenylhydrazine(as Azobenzene)	0.99	U	10	0.99	ug/L		09/09/14 19:00	09/12/14 18:39	1
Fluoranthene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 18:39	1
Fluorene	0.90	U	10	0.90	ug/L		09/09/14 19:00	09/12/14 18:39	1
Hexachlorobenzene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 18:39	1
Hexachlorobutadiene	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 18:39	1
Hexachlorocyclopentadiene	2.1	U	10	2.1	ug/L		09/09/14 19:00	09/12/14 18:39	1
Hexachloroethane	4.5	U	10	4.5	ug/L		09/09/14 19:00	09/12/14 18:39	1
Indeno[1,2,3-cd]pyrene	2.4	U	10	2.4	ug/L		09/09/14 19:00	09/12/14 18:39	1
Isophorone	0.85	U	10	0.85	ug/L		09/09/14 19:00	09/12/14 18:39	1
2-Methylnaphthalene	1.5	U	10	1.5	ug/L		09/09/14 19:00	09/12/14 18:39	1
1-Methylnaphthalene	2.6	U	10	2.6	ug/L		09/09/14 19:00	09/12/14 18:39	1
Naphthalene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 18:39	1
Nitrobenzene	1.6	U	10	1.6	ug/L		09/09/14 19:00	09/12/14 18:39	1
2-Nitrophenol	0.96	U	10	0.96	ug/L		09/09/14 19:00	09/12/14 18:39	1
4-Nitrophenol	2.1	U	50	2.1	ug/L		09/09/14 19:00	09/12/14 18:39	1
N-Nitrosodimethylamine	2.4	U	10	2.4	ug/L		09/09/14 19:00	09/12/14 18:39	1
N-Nitrosodi-n-propylamine	0.93	U	10	0.93	ug/L		09/09/14 19:00	09/12/14 18:39	1
N-Nitrosodiphenylamine	0.62	U	10	0.62	ug/L		09/09/14 19:00	09/12/14 18:39	1
Pentachlorophenol	1.1	U	50	1.1	ug/L		09/09/14 19:00	09/12/14 18:39	1
Phenanthrene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 18:39	1
Phenol	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 18:39	1
Pyrene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 18:39	1
2,4,6-Trichlorophenol	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 18:39	1

Client Sample ID: Comp 5-1F

Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-5

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	*90*		*48 - 124*	*09/09/14 19:00*	*09/12/14 18:39*	*1*
2-Fluorobiphenyl	*83*		*24 - 113*	*09/09/14 19:00*	*09/12/14 18:39*	*1*
2-Fluorophenol (Surr)	*77*		*12 - 105*	*09/09/14 19:00*	*09/12/14 18:39*	*1*
Terphenyl-d14 (Surr)	*67*		*36 - 127*	*09/09/14 19:00*	*09/12/14 18:39*	*1*
Phenol-d5 (Surr)	*77*		*17 - 111*	*09/09/14 19:00*	*09/12/14 18:39*	*1*
Nitrobenzene-d5 (Surr)	*79*		*26 - 107*	*09/09/14 19:00*	*09/12/14 18:39*	*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	0.0018	U	0.017	0.0018	mg/Kg	☼	09/03/14 09:38	09/06/14 00:35	1
4,4'-DDE	**0.0035**	**I**	0.017	0.0018	mg/Kg	☼	09/03/14 09:38	09/06/14 00:35	1
4,4'-DDT	0.022	U	0.17	0.022	mg/Kg	☼	09/03/14 09:38	09/06/14 00:10	10
Aldrin	0.0015	U	0.017	0.0015	mg/Kg	☼	09/03/14 09:38	09/06/14 00:35	1
alpha-BHC	0.0014	U	0.017	0.0014	mg/Kg	☼	09/03/14 09:38	09/06/14 00:35	1
beta-BHC	0.0033	U	0.017	0.0033	mg/Kg	☼	09/03/14 09:38	09/06/14 00:35	1
Chlordane (technical)	0.029	U	0.17	0.029	mg/Kg	☼	09/03/14 09:38	09/06/14 00:35	1
delta-BHC	0.0019	U	0.017	0.0019	mg/Kg	☼	09/03/14 09:38	09/06/14 00:35	1
Dieldrin	0.0017	U	0.017	0.0017	mg/Kg	☼	09/03/14 09:38	09/06/14 00:35	1
Endosulfan I	0.0017	U	0.017	0.0017	mg/Kg	☼	09/03/14 09:38	09/06/14 00:35	1
Endosulfan II	0.0015	U	0.017	0.0015	mg/Kg	☼	09/03/14 09:38	09/06/14 00:35	1
Endosulfan sulfate	0.0021	U	0.017	0.0021	mg/Kg	☼	09/03/14 09:38	09/06/14 00:35	1
Endrin	0.0022	U	0.017	0.0022	mg/Kg	☼	09/03/14 09:38	09/06/14 00:35	1
Endrin aldehyde	0.0022	U	0.017	0.0022	mg/Kg	☼	09/03/14 09:38	09/06/14 00:35	1
Endrin ketone	0.020	U	0.17	0.020	mg/Kg	☼	09/03/14 09:38	09/06/14 00:10	10
gamma-BHC (Lindane)	0.0014	U	0.017	0.0014	mg/Kg	☼	09/03/14 09:38	09/06/14 00:35	1
Heptachlor	0.019	U	0.17	0.019	mg/Kg	☼	09/03/14 09:38	09/06/14 00:10	10
Heptachlor epoxide	0.0016	U	0.017	0.0016	mg/Kg	☼	09/03/14 09:38	09/06/14 00:35	1
Methoxychlor	0.028	U	0.17	0.028	mg/Kg	☼	09/03/14 09:38	09/06/14 00:10	10
Toxaphene	0.56	U	17	0.56	mg/Kg	☼	09/03/14 09:38	09/06/14 00:10	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*31*	*J1*	*54 - 133*	*09/03/14 09:38*	*09/06/14 00:35*	*1*
Tetrachloro-m-xylene	*32*	*J1*	*46 - 130*	*09/03/14 09:38*	*09/06/14 00:35*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 18:29	1
4,4'-DDE	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 18:29	1
4,4'-DDT	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 18:29	1
Aldrin	0.0020	U	0.049	0.0020	ug/L		09/09/14 13:16	09/09/14 18:29	1
alpha-BHC	0.0059	U	0.049	0.0059	ug/L		09/09/14 13:16	09/09/14 18:29	1
beta-BHC	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 18:29	1
delta-BHC	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 18:29	1
Dieldrin	0.0020	U	0.098	0.0020	ug/L		09/09/14 13:16	09/09/14 18:29	1
Endosulfan I	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 18:29	1
Endosulfan II	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 18:29	1
Endosulfan sulfate	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 18:29	1
Endrin	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 18:29	1
Endrin aldehyde	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 18:29	1
Endrin ketone	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 18:29	1
gamma-BHC (Lindane)	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 18:29	1

Client Sample ID: Comp 5-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-5
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 18:29	1
Heptachlor epoxide	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 18:29	1
Methoxychlor	0.013	U	0.49	0.013	ug/L		09/09/14 13:16	09/09/14 18:29	1
Chlordane (technical)	0.33	U	0.98	0.33	ug/L		09/09/14 13:16	09/09/14 18:29	1
Toxaphene	0.67	U	4.9	0.67	ug/L		09/09/14 13:16	09/09/14 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*29*		*20 - 142*	*09/09/14 13:16*	*09/09/14 18:29*	*1*
Tetrachloro-m-xylene	*96*		*22 - 134*	*09/09/14 13:16*	*09/09/14 18:29*	*1*

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2400**		500	300	mg/Kg	☼		09/10/14 13:05	5
Sulfate	300	U	500	300	mg/Kg	☼		09/10/14 13:05	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.47	U	0.94	0.47	mg/Kg	☼	09/02/14 08:55	09/08/14 22:35	1
Arsenic	**10**		2.4	0.94	mg/Kg	☼	09/02/14 08:55	09/08/14 22:35	1
Barium	**65**		4.7	1.2	mg/Kg	☼	09/02/14 08:55	09/08/14 22:35	1
Beryllium	**1.4**		0.47	0.24	mg/Kg	☼	09/02/14 08:55	09/08/14 22:35	1
Cadmium	**1.4**		0.47	0.11	mg/Kg	☼	09/02/14 08:55	09/08/14 22:35	1
Chromium	**63**		4.7	2.4	mg/Kg	☼	09/02/14 08:55	09/08/14 22:35	1
Copper	**92**		4.7	1.9	mg/Kg	☼	09/02/14 08:55	09/08/14 22:35	1
Sodium	**2500**		240	150	mg/Kg	☼	09/02/14 08:55	09/08/14 22:35	1
Nickel	**28**		4.7	2.4	mg/Kg	☼	09/02/14 08:55	09/08/14 22:35	1
Lead	**180**		1.9	0.94	mg/Kg	☼	09/02/14 08:55	09/08/14 22:35	1
Antimony	4.7	U	9.4	4.7	mg/Kg	☼	09/02/14 08:55	09/08/14 22:35	1
Selenium	**6.9**		4.7	2.4	mg/Kg	☼	09/02/14 08:55	09/08/14 22:35	1
Thallium	0.24	U	0.94	0.24	mg/Kg	☼	09/02/14 08:55	09/08/14 22:35	1
Zinc	**250**		19	5.2	mg/Kg	☼	09/02/14 08:55	09/08/14 22:35	1

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/08/14 08:29	09/12/14 21:34	1
Arsenic	**13**		2.5	2.5	ug/L		09/08/14 08:29	09/12/14 21:34	1
Barium	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:34	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/08/14 08:29	09/12/14 21:34	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/08/14 08:29	09/12/14 21:34	1
Chromium	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:34	1
Copper	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:34	1
Nickel	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:34	1
Lead	1.5	U	1.5	1.5	ug/L		09/08/14 08:29	09/12/14 21:34	1
Antimony	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:34	1
Selenium	2.5	U	2.5	2.5	ug/L		09/08/14 08:29	09/12/14 21:34	1
Thallium	1.0	U	1.0	1.0	ug/L		09/08/14 08:29	09/12/14 21:34	1
Zinc	20	U	20	20	ug/L		09/08/14 08:29	09/12/14 21:34	1

Client Sample ID: Comp 5-1F

Lab Sample ID: 660-62560-5

Date Collected: 08/29/14 12:00
Matrix: Solid
Date Received: 08/29/14 13:53

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/08/14 12:25	09/09/14 11:27	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.37**		0.18	0.075	mg/Kg	☼	09/04/14 10:18	09/05/14 11:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**960**		61	26	mg/Kg	☼	09/05/14 13:59	09/06/14 12:23	20
Total Kjeldahl Nitrogen	**16000**		4500	2700	mg/Kg	☼	09/09/14 16:23	09/10/14 12:26	10
Total Phosphorus as P	**2000**		180	99	mg/Kg	☼	09/09/14 16:23	09/10/14 11:31	1
Cyanide, Total	2.1	U	4.9	2.1	mg/Kg	☼	09/02/14 08:00	09/02/14 12:12	1
Phenolics, Total Recoverable	6.1	U	24	6.1	mg/Kg	☼	09/02/14 08:59	09/02/14 15:39	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	5.5	U	20	5.5	mg/Kg	☼		09/03/14 16:23	1

Client Sample ID: Comp 5-2F

Lab Sample ID: 660-62560-6

Date Collected: 08/29/14 12:00
Matrix: Solid
Date Received: 08/29/14 13:53
Percent Solids: 13.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.18	U	0.75	0.18	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
Acrylonitrile	0.25	U	0.75	0.25	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
Benzene	0.0054	U	0.037	0.0054	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
Bromoform	0.011	U	0.037	0.011	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
Bromomethane	0.011	U	0.037	0.011	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
Carbon tetrachloride	0.0062	U	0.037	0.0062	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
Chlorobenzene	0.0072	U	0.037	0.0072	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
Chloroethane	0.020	U	0.037	0.020	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
Chloroform	0.0082	U	0.037	0.0082	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
Chloromethane	0.0075	U	0.037	0.0075	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
Dibromochloromethane	0.013	U	0.037	0.013	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
1,2-Dichlorobenzene	0.0097	U	0.037	0.0097	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
1,3-Dichlorobenzene	0.012	U	0.037	0.012	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
1,4-Dichlorobenzene	0.0055	U	0.037	0.0055	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
Dichlorodifluoromethane	0.0070	U	0.037	0.0070	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
1,1-Dichloroethane	0.0082	U	0.037	0.0082	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
1,2-Dichloroethane	0.0082	U	0.037	0.0082	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
cis-1,2-Dichloroethene	0.010	U	0.037	0.010	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
trans-1,2-Dichloroethene	0.0047	U	0.037	0.0047	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
1,1-Dichloroethene	0.011	U	0.037	0.011	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
1,2-Dichloropropane	0.0064	U	0.037	0.0064	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
cis-1,3-Dichloropropene	0.0062	U	0.037	0.0062	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
trans-1,3-Dichloropropene	0.0065	U	0.037	0.0065	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
Ethylbenzene	0.0097	U	0.037	0.0097	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
Methylene Chloride	0.0073	J3 U	0.037	0.0073	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
Methyl tert-butyl ether	0.0075	U	0.075	0.0075	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1

Client Sample ID: Comp 5-2F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-6
Matrix: Solid
Percent Solids: 13.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.014	U	0.037	0.014	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
Toluene	0.0063	U	0.037	0.0063	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
1,2,4-Trichlorobenzene	0.0066	U	0.037	0.0066	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
1,1,1-Trichloroethane	0.0044	U	0.037	0.0044	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
1,1,2-Trichloroethane	0.0097	U	0.037	0.0097	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
Trichloroethene	0.0097	U	0.037	0.0097	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
Vinyl chloride	0.011	U	0.037	0.011	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1
Xylenes, Total	0.0082	U	0.075	0.0082	mg/Kg	☼	09/02/14 19:27	09/02/14 23:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*65 - 130*	*09/02/14 19:27*	*09/02/14 23:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 130*	*09/02/14 19:27*	*09/02/14 23:08*	*1*
4-Bromofluorobenzene (Surr)	*111*		*65 - 130*	*09/02/14 19:27*	*09/02/14 23:08*	*1*
Toluene-d8 (Surr)	*97*		*65 - 130*	*09/02/14 19:27*	*09/02/14 23:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	J3 U	20	20	ug/L			09/12/14 16:19	1
Acrylonitrile	20	U	20	20	ug/L			09/12/14 16:19	1
Benzene	1.0	U	1.0	1.0	ug/L			09/12/14 16:19	1
Bromoform	1.0	U	1.0	1.0	ug/L			09/12/14 16:19	1
Bromomethane	5.0	J3 U	5.0	5.0	ug/L			09/12/14 16:19	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			09/12/14 16:19	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 16:19	1
Chloroethane	5.0	U	5.0	5.0	ug/L			09/12/14 16:19	1
Chloroform	1.0	U	1.0	1.0	ug/L			09/12/14 16:19	1
Chloromethane	1.0	U	1.0	1.0	ug/L			09/12/14 16:19	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			09/12/14 16:19	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 16:19	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 16:19	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 16:19	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			09/12/14 16:19	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 16:19	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 16:19	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 16:19	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 16:19	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 16:19	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			09/12/14 16:19	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/12/14 16:19	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/12/14 16:19	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			09/12/14 16:19	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			09/12/14 16:19	1
Methyl tert-butyl ether	10	U	10	10	ug/L			09/12/14 16:19	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 16:19	1
Toluene	1.0	U	1.0	1.0	ug/L			09/12/14 16:19	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			09/12/14 16:19	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 16:19	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 16:19	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 16:19	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			09/12/14 16:19	1

Client Sample ID: Comp 5-2F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-6
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	2.0	ug/L			09/12/14 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*09/12/14 16:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*09/12/14 16:19*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*09/12/14 16:19*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*09/12/14 16:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.31	U	2.5	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Acenaphthylene	0.27	U	2.5	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Anthracene	0.19	U	2.5	0.19	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Benzo[a]anthracene	0.20	U	2.5	0.20	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Benzo[a]pyrene	0.39	U	2.5	0.39	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Benzo[b]fluoranthene	0.29	U	2.5	0.29	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Benzo[g,h,i]perylene	0.17	U	2.5	0.17	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Benzo[k]fluoranthene	0.49	U	2.5	0.49	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Bis(2-chloroethoxy)methane	0.30	U	2.5	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Bis(2-chloroethyl)ether	0.34	U	2.5	0.34	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
bis (2-chloroisopropyl) ether	0.23	U	2.5	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Bis(2-ethylhexyl) phthalate	0.22	U	2.5	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
4-Bromophenyl phenyl ether	0.27	U	2.5	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Butyl benzyl phthalate	0.20	U	2.5	0.20	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
4-Chloroaniline	0.39	U	5.0	0.39	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
4-Chloro-3-methylphenol	0.27	U	2.5	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
2-Chloronaphthalene	0.27	U	2.5	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
2-Chlorophenol	0.30	U	2.5	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
4-Chlorophenyl phenyl ether	0.33	U	2.5	0.33	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Chrysene	0.16	U	2.5	0.16	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Dibenz(a,h)anthracene	0.30	U	2.5	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Dibenzofuran	0.25	U	2.5	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
3,3'-Dichlorobenzidine	0.21	U	5.0	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
2,4-Dichlorophenol	0.27	U	2.5	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Diethyl phthalate	0.28	U	2.5	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
2,4-Dimethylphenol	0.33	U	2.5	0.33	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Dimethyl phthalate	0.26	U	2.5	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Di-n-butyl phthalate	0.23	U	2.5	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
4,6-Dinitro-2-methylphenol	1.3	U	13	1.3	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
2,4-Dinitrophenol	6.3	U	13	6.3	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
2,4-Dinitrotoluene	0.37	U	2.5	0.37	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
2,6-Dinitrotoluene	0.32	U	2.5	0.32	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Di-n-octyl phthalate	0.22	U	2.5	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
1,2-Diphenylhydrazine(as Azobenzene)	0.26	U	2.5	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Fluoranthene	0.24	U	2.5	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Fluorene	0.27	U	2.5	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Hexachlorobenzene	0.30	U	2.5	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Hexachlorobutadiene	0.27	U	2.5	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Hexachlorocyclopentadiene	0.31	U	2.5	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1

Client Sample ID: Comp 5-2F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-6
Matrix: Solid
Percent Solids: 13.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	0.21	U	2.5	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Indeno[1,2,3-cd]pyrene	0.21	U	2.5	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Isophorone	0.25	U	2.5	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
1-Methylnaphthalene	0.24	U	2.5	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
2-Methylnaphthalene	0.29	U	2.5	0.29	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Naphthalene	0.23	U	2.5	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Nitrobenzene	0.20	U	2.5	0.20	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
2-Nitrophenol	0.31	U	2.5	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
4-Nitrophenol	2.5	U	13	2.5	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
N-Nitrosodimethylamine	0.91	U	2.5	0.91	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
N-Nitrosodi-n-propylamine	0.24	U	2.5	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
N-Nitrosodiphenylamine	0.25	U	2.5	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Pentachlorophenol	2.5	U	13	2.5	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Phenanthrene	0.20	U	2.5	0.20	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Phenol	0.26	U	2.5	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
Pyrene	0.20	U	2.5	0.20	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1
2,4,6-Trichlorophenol	0.22	U	2.5	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*47*		*41 - 116*	*09/03/14 13:30*	*09/10/14 18:32*	*1*
2-Fluorophenol (Surr)	*49*		*39 - 114*	*09/03/14 13:30*	*09/10/14 18:32*	*1*
Nitrobenzene-d5 (Surr)	*51*		*37 - 115*	*09/03/14 13:30*	*09/10/14 18:32*	*1*
Phenol-d5 (Surr)	*49*		*38 - 122*	*09/03/14 13:30*	*09/10/14 18:32*	*1*
Terphenyl-d14 (Surr)	*48*		*46 - 126*	*09/03/14 13:30*	*09/10/14 18:32*	*1*
2,4,6-Tribromophenol (Surr)	*52*		*45 - 129*	*09/03/14 13:30*	*09/10/14 18:32*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 19:08	1
Acenaphthylene	0.85	U	10	0.85	ug/L		09/09/14 19:00	09/12/14 19:08	1
Anthracene	0.86	U	10	0.86	ug/L		09/09/14 19:00	09/12/14 19:08	1
Benzo[a]anthracene	0.88	U	10	0.88	ug/L		09/09/14 19:00	09/12/14 19:08	1
Benzo[a]pyrene	0.89	U	10	0.89	ug/L		09/09/14 19:00	09/12/14 19:08	1
Benzo[b]fluoranthene	0.80	U	10	0.80	ug/L		09/09/14 19:00	09/12/14 19:08	1
Benzo[g,h,i]perylene	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 19:08	1
Benzo[k]fluoranthene	0.86	U	10	0.86	ug/L		09/09/14 19:00	09/12/14 19:08	1
Bis(2-chloroethoxy)methane	0.96	U	10	0.96	ug/L		09/09/14 19:00	09/12/14 19:08	1
Bis(2-chloroethyl)ether	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 19:08	1
bis (2-chloroisopropyl) ether	1.1	U	10	1.1	ug/L		09/09/14 19:00	09/12/14 19:08	1
Bis(2-ethylhexyl) phthalate	2.5	U	10	2.5	ug/L		09/09/14 19:00	09/12/14 19:08	1
4-Bromophenyl phenyl ether	0.97	U	10	0.97	ug/L		09/09/14 19:00	09/12/14 19:08	1
Butyl benzyl phthalate	0.98	U	10	0.98	ug/L		09/09/14 19:00	09/12/14 19:08	1
4-Chloroaniline	1.7	U	20	1.7	ug/L		09/09/14 19:00	09/12/14 19:08	1
4-Chloro-3-methylphenol	1.1	U	10	1.1	ug/L		09/09/14 19:00	09/12/14 19:08	1
2-Chloronaphthalene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 19:08	1
2-Chlorophenol	1.6	U	10	1.6	ug/L		09/09/14 19:00	09/12/14 19:08	1
4-Chlorophenyl phenyl ether	1.5	U	10	1.5	ug/L		09/09/14 19:00	09/12/14 19:08	1
Chrysene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 19:08	1
Dibenz(a,h)anthracene	2.3	U	10	2.3	ug/L		09/09/14 19:00	09/12/14 19:08	1
Dibenzofuran	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 19:08	1

Client Sample ID: Comp 5-2F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-6
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	6.8	U	20	6.8	ug/L		09/09/14 19:00	09/12/14 19:08	1
2,4-Dichlorophenol	3.3	U	10	3.3	ug/L		09/09/14 19:00	09/12/14 19:08	1
Diethyl phthalate	0.90	J3 U	10	0.90	ug/L		09/09/14 19:00	09/12/14 19:08	1
2,4-Dimethylphenol	3.8	U	10	3.8	ug/L		09/09/14 19:00	09/12/14 19:08	1
Dimethyl phthalate	1.3	U	10	1.3	ug/L		09/09/14 19:00	09/12/14 19:08	1
Di-n-butyl phthalate	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 19:08	1
4,6-Dinitro-2-methylphenol	1.0	U	50	1.0	ug/L		09/09/14 19:00	09/12/14 19:08	1
2,4-Dinitrophenol	3.1	U	50	3.1	ug/L		09/09/14 19:00	09/12/14 19:08	1
2,4-Dinitrotoluene	1.7	U	10	1.7	ug/L		09/09/14 19:00	09/12/14 19:08	1
2,6-Dinitrotoluene	2.1	U	10	2.1	ug/L		09/09/14 19:00	09/12/14 19:08	1
Di-n-octyl phthalate	2.0	U	10	2.0	ug/L		09/09/14 19:00	09/12/14 19:08	1
1,2-Diphenylhydrazine(as Azobenzene)	0.99	U	10	0.99	ug/L		09/09/14 19:00	09/12/14 19:08	1
Fluoranthene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 19:08	1
Fluorene	0.90	U	10	0.90	ug/L		09/09/14 19:00	09/12/14 19:08	1
Hexachlorobenzene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 19:08	1
Hexachlorobutadiene	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 19:08	1
Hexachlorocyclopentadiene	2.1	U	10	2.1	ug/L		09/09/14 19:00	09/12/14 19:08	1
Hexachloroethane	4.5	U	10	4.5	ug/L		09/09/14 19:00	09/12/14 19:08	1
Indeno[1,2,3-cd]pyrene	2.4	U	10	2.4	ug/L		09/09/14 19:00	09/12/14 19:08	1
Isophorone	0.85	U	10	0.85	ug/L		09/09/14 19:00	09/12/14 19:08	1
2-Methylnaphthalene	1.5	U	10	1.5	ug/L		09/09/14 19:00	09/12/14 19:08	1
1-Methylnaphthalene	2.6	U	10	2.6	ug/L		09/09/14 19:00	09/12/14 19:08	1
Naphthalene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 19:08	1
Nitrobenzene	1.6	U	10	1.6	ug/L		09/09/14 19:00	09/12/14 19:08	1
2-Nitrophenol	0.96	U	10	0.96	ug/L		09/09/14 19:00	09/12/14 19:08	1
4-Nitrophenol	2.1	U	50	2.1	ug/L		09/09/14 19:00	09/12/14 19:08	1
N-Nitrosodimethylamine	2.4	U	10	2.4	ug/L		09/09/14 19:00	09/12/14 19:08	1
N-Nitrosodi-n-propylamine	0.93	U	10	0.93	ug/L		09/09/14 19:00	09/12/14 19:08	1
N-Nitrosodiphenylamine	0.62	U	10	0.62	ug/L		09/09/14 19:00	09/12/14 19:08	1
Pentachlorophenol	1.1	U	50	1.1	ug/L		09/09/14 19:00	09/12/14 19:08	1
Phenanthrene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 19:08	1
Phenol	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 19:08	1
Pyrene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 19:08	1
2,4,6-Trichlorophenol	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 19:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*48 - 124*	*09/09/14 19:00*	*09/12/14 19:08*	*1*
2-Fluorobiphenyl	*74*		*24 - 113*	*09/09/14 19:00*	*09/12/14 19:08*	*1*
2-Fluorophenol (Surr)	*69*		*12 - 105*	*09/09/14 19:00*	*09/12/14 19:08*	*1*
Terphenyl-d14 (Surr)	*46*		*36 - 127*	*09/09/14 19:00*	*09/12/14 19:08*	*1*
Phenol-d5 (Surr)	*74*		*17 - 111*	*09/09/14 19:00*	*09/12/14 19:08*	*1*
Nitrobenzene-d5 (Surr)	*70*		*26 - 107*	*09/09/14 19:00*	*09/12/14 19:08*	*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	0.0014	U	0.013	0.0014	mg/Kg	☼	09/03/14 09:38	09/06/14 00:49	1
4,4'-DDE	**0.0021**	**I**	0.013	0.0014	mg/Kg	☼	09/03/14 09:38	09/06/14 00:49	1
4,4'-DDT	0.017	U	0.13	0.017	mg/Kg	☼	09/03/14 09:38	09/06/14 00:24	10
Aldrin	0.0011	U	0.013	0.0011	mg/Kg	☼	09/03/14 09:38	09/06/14 00:49	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 5-2F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-6
Matrix: Solid
Percent Solids: 13.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	0.0011	U	0.013	0.0011	mg/Kg	☼	09/03/14 09:38	09/06/14 00:49	1
beta-BHC	0.0025	U	0.013	0.0025	mg/Kg	☼	09/03/14 09:38	09/06/14 00:49	1
Chlordane (technical)	0.022	U	0.13	0.022	mg/Kg	☼	09/03/14 09:38	09/06/14 00:49	1
delta-BHC	0.0014	U	0.013	0.0014	mg/Kg	☼	09/03/14 09:38	09/06/14 00:49	1
Dieldrin	0.0013	U	0.013	0.0013	mg/Kg	☼	09/03/14 09:38	09/06/14 00:49	1
Endosulfan I	0.0013	U	0.013	0.0013	mg/Kg	☼	09/03/14 09:38	09/06/14 00:49	1
Endosulfan II	0.0011	U	0.013	0.0011	mg/Kg	☼	09/03/14 09:38	09/06/14 00:49	1
Endosulfan sulfate	0.0016	U	0.013	0.0016	mg/Kg	☼	09/03/14 09:38	09/06/14 00:49	1
Endrin	0.0017	U	0.013	0.0017	mg/Kg	☼	09/03/14 09:38	09/06/14 00:49	1
Endrin aldehyde	0.0017	U	0.013	0.0017	mg/Kg	☼	09/03/14 09:38	09/06/14 00:49	1
Endrin ketone	0.015	U	0.13	0.015	mg/Kg	☼	09/03/14 09:38	09/06/14 00:24	10
gamma-BHC (Lindane)	0.0011	U	0.013	0.0011	mg/Kg	☼	09/03/14 09:38	09/06/14 00:49	1
Heptachlor	0.014	U	0.13	0.014	mg/Kg	☼	09/03/14 09:38	09/06/14 00:24	10
Heptachlor epoxide	0.0012	U	0.013	0.0012	mg/Kg	☼	09/03/14 09:38	09/06/14 00:49	1
Methoxychlor	0.021	U	0.13	0.021	mg/Kg	☼	09/03/14 09:38	09/06/14 00:24	10
Toxaphene	0.42	U	13	0.42	mg/Kg	☼	09/03/14 09:38	09/06/14 00:24	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*18*	*J1*	*54 - 133*	*09/03/14 09:38*	*09/06/14 00:49*	*1*
Tetrachloro-m-xylene	*20*	*J1*	*46 - 130*	*09/03/14 09:38*	*09/06/14 00:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/10/14 13:19	1
4,4'-DDE	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/10/14 13:19	1
4,4'-DDT	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/10/14 13:19	1
Aldrin	0.0020	U	0.049	0.0020	ug/L		09/09/14 13:16	09/10/14 13:19	1
alpha-BHC	0.0059	U	0.049	0.0059	ug/L		09/09/14 13:16	09/10/14 13:19	1
beta-BHC	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/10/14 13:19	1
delta-BHC	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/10/14 13:19	1
Dieldrin	0.0020	U	0.098	0.0020	ug/L		09/09/14 13:16	09/10/14 13:19	1
Endosulfan I	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/10/14 13:19	1
Endosulfan II	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/10/14 13:19	1
Endosulfan sulfate	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/10/14 13:19	1
Endrin	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/10/14 13:19	1
Endrin aldehyde	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/10/14 13:19	1
Endrin ketone	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/10/14 13:19	1
gamma-BHC (Lindane)	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/10/14 13:19	1
Heptachlor	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/10/14 13:19	1
Heptachlor epoxide	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/10/14 13:19	1
Methoxychlor	0.013	U	0.49	0.013	ug/L		09/09/14 13:16	09/10/14 13:19	1
Chlordane (technical)	0.33	U	0.98	0.33	ug/L		09/09/14 13:16	09/10/14 13:19	1
Toxaphene	0.67	U	4.9	0.67	ug/L		09/09/14 13:16	09/10/14 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*67*		*20 - 142*	*09/09/14 13:16*	*09/10/14 13:19*	*1*
Tetrachloro-m-xylene	*108*		*22 - 134*	*09/09/14 13:16*	*09/10/14 13:19*	*1*

Client Sample ID: Comp 5-2F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-6
Matrix: Solid
Percent Solids: 13.2

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2000**		370	220	mg/Kg	☼		09/10/14 13:19	5
Sulfate	**280**	**I**	370	220	mg/Kg	☼		09/10/14 13:19	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.36	U	0.72	0.36	mg/Kg	☼	09/02/14 08:55	09/08/14 22:40	1
Arsenic	**9.3**		1.8	0.72	mg/Kg	☼	09/02/14 08:55	09/08/14 22:40	1
Barium	**88**		3.6	0.93	mg/Kg	☼	09/02/14 08:55	09/08/14 22:40	1
Beryllium	**1.2**		0.36	0.18	mg/Kg	☼	09/02/14 08:55	09/08/14 22:40	1
Cadmium	**1.2**		0.36	0.086	mg/Kg	☼	09/02/14 08:55	09/08/14 22:40	1
Chromium	**62**		3.6	1.8	mg/Kg	☼	09/02/14 08:55	09/08/14 22:40	1
Copper	**41**		3.6	1.4	mg/Kg	☼	09/02/14 08:55	09/08/14 22:40	1
Sodium	**3000**		180	110	mg/Kg	☼	09/02/14 08:55	09/08/14 22:40	1
Nickel	**22**		3.6	1.8	mg/Kg	☼	09/02/14 08:55	09/08/14 22:40	1
Lead	**76**		1.4	0.72	mg/Kg	☼	09/02/14 08:55	09/08/14 22:40	1
Antimony	3.6	U	7.2	3.6	mg/Kg	☼	09/02/14 08:55	09/08/14 22:40	1
Selenium	**8.3**		3.6	1.8	mg/Kg	☼	09/02/14 08:55	09/08/14 22:40	1
Thallium	**0.27**	**I**	0.72	0.18	mg/Kg	☼	09/02/14 08:55	09/08/14 22:40	1
Zinc	**130**		14	3.9	mg/Kg	☼	09/02/14 08:55	09/08/14 22:40	1

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/08/14 08:29	09/12/14 21:41	1
Arsenic	**15**		2.5	2.5	ug/L		09/08/14 08:29	09/12/14 21:41	1
Barium	**5.7**		5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:41	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/08/14 08:29	09/12/14 21:41	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/08/14 08:29	09/12/14 21:41	1
Chromium	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:41	1
Copper	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:41	1
Nickel	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:41	1
Lead	1.5	U	1.5	1.5	ug/L		09/08/14 08:29	09/12/14 21:41	1
Antimony	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:41	1
Selenium	**5.3**		2.5	2.5	ug/L		09/08/14 08:29	09/12/14 21:41	1
Thallium	1.0	U	1.0	1.0	ug/L		09/08/14 08:29	09/12/14 21:41	1
Zinc	20	U	20	20	ug/L		09/08/14 08:29	09/12/14 21:41	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/08/14 12:25	09/09/14 11:30	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.27**		0.15	0.060	mg/Kg	☼	09/04/14 10:18	09/05/14 11:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**300**		23	9.8	mg/Kg	☼	09/05/14 13:59	09/06/14 12:23	10
Total Kjeldahl Nitrogen	**11000**		3400	2100	mg/Kg	☼	09/09/14 16:23	09/10/14 12:29	10
Total Phosphorus as P	**2400**		140	75	mg/Kg	☼	09/09/14 16:23	09/10/14 11:32	1
Cyanide, Total	1.5	U	3.6	1.5	mg/Kg	☼	09/02/14 08:00	09/02/14 12:17	1
Phenolics, Total Recoverable	4.6	U	18	4.6	mg/Kg	☼	09/02/14 08:59	09/02/14 15:39	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 5-2F

Lab Sample ID: 660-62560-6
Date Collected: 08/29/14 12:00
Matrix: Solid
Date Received: 08/29/14 13:53
Percent Solids: 13.2

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	8.4	I	15	4.1	mg/Kg	☼		09/03/14 16:27	1

Client Sample ID: Comp 6-1F

Lab Sample ID: 660-62560-7
Date Collected: 08/29/14 12:00
Matrix: Solid
Date Received: 08/29/14 13:53
Percent Solids: 12.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.19	U	0.78	0.19	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
Acrylonitrile	0.27	U	0.78	0.27	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
Benzene	0.0057	U	0.039	0.0057	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
Bromoform	0.012	U	0.039	0.012	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
Bromomethane	0.012	U	0.039	0.012	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
Carbon tetrachloride	0.0065	U	0.039	0.0065	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
Chlorobenzene	0.0075	U	0.039	0.0075	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
Chloroethane	0.021	U	0.039	0.021	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
Chloroform	0.0086	U	0.039	0.0086	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
Chloromethane	0.0078	U	0.039	0.0078	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
Dibromochloromethane	0.013	U	0.039	0.013	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
1,2-Dichlorobenzene	0.010	U	0.039	0.010	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
1,3-Dichlorobenzene	0.013	U	0.039	0.013	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
1,4-Dichlorobenzene	0.0058	U	0.039	0.0058	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
Dichlorodifluoromethane	0.0073	U	0.039	0.0073	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
1,1-Dichloroethane	0.0086	U	0.039	0.0086	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
1,2-Dichloroethane	0.0086	U	0.039	0.0086	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
cis-1,2-Dichloroethene	0.011	U	0.039	0.011	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
trans-1,2-Dichloroethene	0.0049	U	0.039	0.0049	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
1,1-Dichloroethene	0.012	U	0.039	0.012	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
1,2-Dichloropropane	0.0067	U	0.039	0.0067	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
cis-1,3-Dichloropropene	0.0065	U	0.039	0.0065	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
trans-1,3-Dichloropropene	0.0068	U	0.039	0.0068	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
Ethylbenzene	0.010	U	0.039	0.010	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
Methylene Chloride	0.0077	J3 U	0.039	0.0077	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
Methyl tert-butyl ether	0.0078	U	0.078	0.0078	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
Tetrachloroethene	0.015	U	0.039	0.015	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
Toluene	0.0066	U	0.039	0.0066	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
1,2,4-Trichlorobenzene	0.0070	U	0.039	0.0070	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
1,1,1-Trichloroethane	0.0046	U	0.039	0.0046	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
1,1,2-Trichloroethane	0.010	U	0.039	0.010	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
Trichloroethene	0.010	U	0.039	0.010	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
Vinyl chloride	0.012	U	0.039	0.012	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1
Xylenes, Total	0.0086	U	0.078	0.0086	mg/Kg	☼	09/02/14 19:27	09/02/14 23:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*92*		*65 - 130*	*09/02/14 19:27*	*09/02/14 23:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 130*	*09/02/14 19:27*	*09/02/14 23:29*	*1*
4-Bromofluorobenzene (Surr)	*111*		*65 - 130*	*09/02/14 19:27*	*09/02/14 23:29*	*1*
Toluene-d8 (Surr)	*99*		*65 - 130*	*09/02/14 19:27*	*09/02/14 23:29*	*1*

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 6-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-7
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	J3 U	20	20	ug/L			09/12/14 16:41	1
Acrylonitrile	20	U	20	20	ug/L			09/12/14 16:41	1
Benzene	1.0	U	1.0	1.0	ug/L			09/12/14 16:41	1
Bromoform	1.0	U	1.0	1.0	ug/L			09/12/14 16:41	1
Bromomethane	5.0	J3 U	5.0	5.0	ug/L			09/12/14 16:41	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			09/12/14 16:41	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 16:41	1
Chloroethane	5.0	U	5.0	5.0	ug/L			09/12/14 16:41	1
Chloroform	1.0	U	1.0	1.0	ug/L			09/12/14 16:41	1
Chloromethane	1.0	U	1.0	1.0	ug/L			09/12/14 16:41	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			09/12/14 16:41	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 16:41	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 16:41	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 16:41	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			09/12/14 16:41	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 16:41	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 16:41	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 16:41	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 16:41	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 16:41	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			09/12/14 16:41	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/12/14 16:41	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/12/14 16:41	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			09/12/14 16:41	1
Methylene Chloride	**6.9**		5.0	5.0	ug/L			09/12/14 16:41	1
Methyl tert-butyl ether	10	U	10	10	ug/L			09/12/14 16:41	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 16:41	1
Toluene	1.0	U	1.0	1.0	ug/L			09/12/14 16:41	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			09/12/14 16:41	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 16:41	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 16:41	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 16:41	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			09/12/14 16:41	1
Xylenes, Total	2.0	U	2.0	2.0	ug/L			09/12/14 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*115*		*70 - 130*		*09/12/14 16:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*70 - 130*		*09/12/14 16:41*	*1*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*		*09/12/14 16:41*	*1*
Toluene-d8 (Surr)	*88*		*70 - 130*		*09/12/14 16:41*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.32	U	2.6	0.32	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Acenaphthylene	0.28	U	2.6	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Anthracene	0.20	U	2.6	0.20	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Benzo[a]anthracene	0.21	U	2.6	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Benzo[a]pyrene	0.41	U	2.6	0.41	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Benzo[b]fluoranthene	0.30	U	2.6	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Benzo[g,h,i]perylene	0.17	U	2.6	0.17	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 6-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-7
Matrix: Solid
Percent Solids: 12.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.51	U	2.6	0.51	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Bis(2-chloroethoxy)methane	0.31	U	2.6	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Bis(2-chloroethyl)ether	0.35	U	2.6	0.35	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
bis (2-chloroisopropyl) ether	0.23	U	2.6	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Bis(2-ethylhexyl) phthalate	0.23	U	2.6	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
4-Bromophenyl phenyl ether	0.28	U	2.6	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Butyl benzyl phthalate	0.20	U	2.6	0.20	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
4-Chloroaniline	0.41	U	5.2	0.41	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
4-Chloro-3-methylphenol	0.27	U	2.6	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
2-Chloronaphthalene	0.27	U	2.6	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
2-Chlorophenol	0.31	U	2.6	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
4-Chlorophenyl phenyl ether	0.34	U	2.6	0.34	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Chrysene	0.16	U	2.6	0.16	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Dibenz(a,h)anthracene	0.31	U	2.6	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Dibenzofuran	0.26	U	2.6	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
3,3'-Dichlorobenzidine	0.22	U	5.2	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
2,4-Dichlorophenol	0.27	U	2.6	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Diethyl phthalate	0.29	U	2.6	0.29	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
2,4-Dimethylphenol	0.34	U	2.6	0.34	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Dimethyl phthalate	0.27	U	2.6	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Di-n-butyl phthalate	0.23	U	2.6	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
4,6-Dinitro-2-methylphenol	1.3	U	13	1.3	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
2,4-Dinitrophenol	6.5	U	13	6.5	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
2,4-Dinitrotoluene	0.38	U	2.6	0.38	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
2,6-Dinitrotoluene	0.33	U	2.6	0.33	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Di-n-octyl phthalate	0.23	U	2.6	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
1,2-Diphenylhydrazine(as Azobenzene)	0.27	U	2.6	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Fluoranthene	0.25	U	2.6	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Fluorene	0.28	U	2.6	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Hexachlorobenzene	0.31	U	2.6	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Hexachlorobutadiene	0.28	U	2.6	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Hexachlorocyclopentadiene	0.32	U	2.6	0.32	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Hexachloroethane	0.22	U	2.6	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Indeno[1,2,3-cd]pyrene	0.22	U	2.6	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Isophorone	0.26	U	2.6	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
1-Methylnaphthalene	0.24	U	2.6	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
2-Methylnaphthalene	0.30	U	2.6	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Naphthalene	0.23	U	2.6	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Nitrobenzene	0.20	U	2.6	0.20	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
2-Nitrophenol	0.32	U	2.6	0.32	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
4-Nitrophenol	2.6	U	13	2.6	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
N-Nitrosodimethylamine	0.94	U	2.6	0.94	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
N-Nitrosodi-n-propylamine	0.25	U	2.6	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
N-Nitrosodiphenylamine	0.26	U	2.6	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Pentachlorophenol	2.6	U	13	2.6	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Phenanthrene	0.21	U	2.6	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Phenol	0.27	U	2.6	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
Pyrene	0.21	U	2.6	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1
2,4,6-Trichlorophenol	0.23	U	2.6	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 18:57	1

Client Sample ID: Comp 6-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-7
Matrix: Solid
Percent Solids: 12.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*59*		*41 - 116*	*09/03/14 13:30*	*09/10/14 18:57*	*1*
2-Fluorophenol (Surr)	*58*		*39 - 114*	*09/03/14 13:30*	*09/10/14 18:57*	*1*
Nitrobenzene-d5 (Surr)	*59*		*37 - 115*	*09/03/14 13:30*	*09/10/14 18:57*	*1*
Phenol-d5 (Surr)	*58*		*38 - 122*	*09/03/14 13:30*	*09/10/14 18:57*	*1*
Terphenyl-d14 (Surr)	*62*		*46 - 126*	*09/03/14 13:30*	*09/10/14 18:57*	*1*
2,4,6-Tribromophenol (Surr)	*67*		*45 - 129*	*09/03/14 13:30*	*09/10/14 18:57*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 19:38	1
Acenaphthylene	0.85	U	10	0.85	ug/L		09/09/14 19:00	09/12/14 19:38	1
Anthracene	0.86	U	10	0.86	ug/L		09/09/14 19:00	09/12/14 19:38	1
Benzo[a]anthracene	0.88	U	10	0.88	ug/L		09/09/14 19:00	09/12/14 19:38	1
Benzo[a]pyrene	0.89	U	10	0.89	ug/L		09/09/14 19:00	09/12/14 19:38	1
Benzo[b]fluoranthene	0.80	U	10	0.80	ug/L		09/09/14 19:00	09/12/14 19:38	1
Benzo[g,h,i]perylene	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 19:38	1
Benzo[k]fluoranthene	0.86	U	10	0.86	ug/L		09/09/14 19:00	09/12/14 19:38	1
Bis(2-chloroethoxy)methane	0.96	U	10	0.96	ug/L		09/09/14 19:00	09/12/14 19:38	1
Bis(2-chloroethyl)ether	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 19:38	1
bis (2-chloroisopropyl) ether	1.1	U	10	1.1	ug/L		09/09/14 19:00	09/12/14 19:38	1
Bis(2-ethylhexyl) phthalate	**3.2**	**I**	10	2.5	ug/L		09/09/14 19:00	09/12/14 19:38	1
4-Bromophenyl phenyl ether	0.97	U	10	0.97	ug/L		09/09/14 19:00	09/12/14 19:38	1
Butyl benzyl phthalate	0.98	U	10	0.98	ug/L		09/09/14 19:00	09/12/14 19:38	1
4-Chloroaniline	1.7	U	20	1.7	ug/L		09/09/14 19:00	09/12/14 19:38	1
4-Chloro-3-methylphenol	1.1	U	10	1.1	ug/L		09/09/14 19:00	09/12/14 19:38	1
2-Chloronaphthalene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 19:38	1
2-Chlorophenol	1.6	U	10	1.6	ug/L		09/09/14 19:00	09/12/14 19:38	1
4-Chlorophenyl phenyl ether	1.5	U	10	1.5	ug/L		09/09/14 19:00	09/12/14 19:38	1
Chrysene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 19:38	1
Dibenz(a,h)anthracene	2.3	U	10	2.3	ug/L		09/09/14 19:00	09/12/14 19:38	1
Dibenzofuran	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 19:38	1
3,3'-Dichlorobenzidine	6.8	U	20	6.8	ug/L		09/09/14 19:00	09/12/14 19:38	1
2,4-Dichlorophenol	3.3	U	10	3.3	ug/L		09/09/14 19:00	09/12/14 19:38	1
Diethyl phthalate	0.90	J3 U	10	0.90	ug/L		09/09/14 19:00	09/12/14 19:38	1
2,4-Dimethylphenol	3.8	U	10	3.8	ug/L		09/09/14 19:00	09/12/14 19:38	1
Dimethyl phthalate	1.3	U	10	1.3	ug/L		09/09/14 19:00	09/12/14 19:38	1
Di-n-butyl phthalate	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 19:38	1
4,6-Dinitro-2-methylphenol	1.0	U	50	1.0	ug/L		09/09/14 19:00	09/12/14 19:38	1
2,4-Dinitrophenol	3.1	U	50	3.1	ug/L		09/09/14 19:00	09/12/14 19:38	1
2,4-Dinitrotoluene	1.7	U	10	1.7	ug/L		09/09/14 19:00	09/12/14 19:38	1
2,6-Dinitrotoluene	2.1	U	10	2.1	ug/L		09/09/14 19:00	09/12/14 19:38	1
Di-n-octyl phthalate	2.0	U	10	2.0	ug/L		09/09/14 19:00	09/12/14 19:38	1
1,2-Diphenylhydrazine(as Azobenzene)	0.99	U	10	0.99	ug/L		09/09/14 19:00	09/12/14 19:38	1
Fluoranthene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 19:38	1
Fluorene	0.90	U	10	0.90	ug/L		09/09/14 19:00	09/12/14 19:38	1
Hexachlorobenzene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 19:38	1
Hexachlorobutadiene	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 19:38	1
Hexachlorocyclopentadiene	2.1	U	10	2.1	ug/L		09/09/14 19:00	09/12/14 19:38	1
Hexachloroethane	4.5	U	10	4.5	ug/L		09/09/14 19:00	09/12/14 19:38	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 6-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-7
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	2.4	U	10	2.4	ug/L		09/09/14 19:00	09/12/14 19:38	1
Isophorone	0.85	U	10	0.85	ug/L		09/09/14 19:00	09/12/14 19:38	1
2-Methylnaphthalene	1.5	U	10	1.5	ug/L		09/09/14 19:00	09/12/14 19:38	1
1-Methylnaphthalene	2.6	U	10	2.6	ug/L		09/09/14 19:00	09/12/14 19:38	1
Naphthalene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 19:38	1
Nitrobenzene	1.6	U	10	1.6	ug/L		09/09/14 19:00	09/12/14 19:38	1
2-Nitrophenol	0.96	U	10	0.96	ug/L		09/09/14 19:00	09/12/14 19:38	1
4-Nitrophenol	2.1	U	50	2.1	ug/L		09/09/14 19:00	09/12/14 19:38	1
N-Nitrosodimethylamine	2.4	U	10	2.4	ug/L		09/09/14 19:00	09/12/14 19:38	1
N-Nitrosodi-n-propylamine	0.93	U	10	0.93	ug/L		09/09/14 19:00	09/12/14 19:38	1
N-Nitrosodiphenylamine	0.62	U	10	0.62	ug/L		09/09/14 19:00	09/12/14 19:38	1
Pentachlorophenol	1.1	U	50	1.1	ug/L		09/09/14 19:00	09/12/14 19:38	1
Phenanthrene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 19:38	1
Phenol	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 19:38	1
Pyrene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 19:38	1
2,4,6-Trichlorophenol	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*48 - 124*	*09/09/14 19:00*	*09/12/14 19:38*	*1*
2-Fluorobiphenyl	*76*		*24 - 113*	*09/09/14 19:00*	*09/12/14 19:38*	*1*
2-Fluorophenol (Surr)	*72*		*12 - 105*	*09/09/14 19:00*	*09/12/14 19:38*	*1*
Terphenyl-d14 (Surr)	*68*		*36 - 127*	*09/09/14 19:00*	*09/12/14 19:38*	*1*
Phenol-d5 (Surr)	*74*		*17 - 111*	*09/09/14 19:00*	*09/12/14 19:38*	*1*
Nitrobenzene-d5 (Surr)	*75*		*26 - 107*	*09/09/14 19:00*	*09/12/14 19:38*	*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	0.0014	U	0.013	0.0014	mg/Kg	☼	09/03/14 09:38	09/06/14 01:03	1
4,4'-DDE	**0.0030**	**I**	0.013	0.0014	mg/Kg	☼	09/03/14 09:38	09/06/14 01:03	1
4,4'-DDT	0.017	U	0.13	0.017	mg/Kg	☼	09/03/14 09:38	09/06/14 00:39	10
Aldrin	0.0012	U	0.013	0.0012	mg/Kg	☼	09/03/14 09:38	09/06/14 01:03	1
alpha-BHC	0.0011	U	0.013	0.0011	mg/Kg	☼	09/03/14 09:38	09/06/14 01:03	1
beta-BHC	0.0026	U	0.013	0.0026	mg/Kg	☼	09/03/14 09:38	09/06/14 01:03	1
Chlordane (technical)	0.023	U	0.13	0.023	mg/Kg	☼	09/03/14 09:38	09/06/14 01:03	1
delta-BHC	0.0015	U	0.013	0.0015	mg/Kg	☼	09/03/14 09:38	09/06/14 01:03	1
Dieldrin	0.0013	U	0.013	0.0013	mg/Kg	☼	09/03/14 09:38	09/06/14 01:03	1
Endosulfan I	0.0013	U	0.013	0.0013	mg/Kg	☼	09/03/14 09:38	09/06/14 01:03	1
Endosulfan II	0.0012	U	0.013	0.0012	mg/Kg	☼	09/03/14 09:38	09/06/14 01:03	1
Endosulfan sulfate	0.0016	U	0.013	0.0016	mg/Kg	☼	09/03/14 09:38	09/06/14 01:03	1
Endrin	0.0017	U	0.013	0.0017	mg/Kg	☼	09/03/14 09:38	09/06/14 01:03	1
Endrin aldehyde	0.0017	U	0.013	0.0017	mg/Kg	☼	09/03/14 09:38	09/06/14 01:03	1
Endrin ketone	0.016	U	0.13	0.016	mg/Kg	☼	09/03/14 09:38	09/06/14 00:39	10
gamma-BHC (Lindane)	0.0011	U	0.013	0.0011	mg/Kg	☼	09/03/14 09:38	09/06/14 01:03	1
Heptachlor	0.015	U	0.13	0.015	mg/Kg	☼	09/03/14 09:38	09/06/14 00:39	10
Heptachlor epoxide	0.0013	U	0.013	0.0013	mg/Kg	☼	09/03/14 09:38	09/06/14 01:03	1
Methoxychlor	0.022	U	0.13	0.022	mg/Kg	☼	09/03/14 09:38	09/06/14 00:39	10
Toxaphene	0.43	U	13	0.43	mg/Kg	☼	09/03/14 09:38	09/06/14 00:39	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*42*	*J1*	*54 - 133*	*09/03/14 09:38*	*09/06/14 01:03*	*1*

Client Sample ID: Comp 6-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-7
Matrix: Solid
Percent Solids: 12.8

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*42*	*J1*	*46 - 130*	*09/03/14 09:38*	*09/06/14 01:03*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 18:44	1
4,4'-DDE	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 18:44	1
4,4'-DDT	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 18:44	1
Aldrin	0.0020	U	0.049	0.0020	ug/L		09/09/14 13:16	09/09/14 18:44	1
alpha-BHC	0.0059	U	0.049	0.0059	ug/L		09/09/14 13:16	09/09/14 18:44	1
beta-BHC	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 18:44	1
delta-BHC	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 18:44	1
Dieldrin	0.0020	U	0.098	0.0020	ug/L		09/09/14 13:16	09/09/14 18:44	1
Endosulfan I	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 18:44	1
Endosulfan II	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 18:44	1
Endosulfan sulfate	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 18:44	1
Endrin	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 18:44	1
Endrin aldehyde	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 18:44	1
Endrin ketone	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 18:44	1
gamma-BHC (Lindane)	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 18:44	1
Heptachlor	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 18:44	1
Heptachlor epoxide	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 18:44	1
Methoxychlor	0.013	U	0.49	0.013	ug/L		09/09/14 13:16	09/09/14 18:44	1
Chlordane (technical)	0.33	U	0.98	0.33	ug/L		09/09/14 13:16	09/09/14 18:44	1
Toxaphene	0.67	U	4.9	0.67	ug/L		09/09/14 13:16	09/09/14 18:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*8*	*J1*	*20 - 142*	*09/09/14 13:16*	*09/09/14 18:44*	*1*
Tetrachloro-m-xylene	*93*		*22 - 134*	*09/09/14 13:16*	*09/09/14 18:44*	*1*

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1300**		380	230	mg/Kg	☼		09/10/14 13:34	5
Sulfate	230	U	380	230	mg/Kg	☼		09/10/14 13:34	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.35	U	0.71	0.35	mg/Kg	☼	09/02/14 08:55	09/08/14 22:45	1
Arsenic	**6.9**		1.8	0.71	mg/Kg	☼	09/02/14 08:55	09/08/14 22:45	1
Barium	**57**		3.5	0.92	mg/Kg	☼	09/02/14 08:55	09/08/14 22:45	1
Beryllium	**1.3**		0.35	0.18	mg/Kg	☼	09/02/14 08:55	09/08/14 22:45	1
Cadmium	**0.70**		0.35	0.085	mg/Kg	☼	09/02/14 08:55	09/08/14 22:45	1
Chromium	**47**		3.5	1.8	mg/Kg	☼	09/02/14 08:55	09/08/14 22:45	1
Copper	**36**		3.5	1.4	mg/Kg	☼	09/02/14 08:55	09/08/14 22:45	1
Sodium	**1600**		180	110	mg/Kg	☼	09/02/14 08:55	09/08/14 22:45	1
Nickel	**18**		3.5	1.8	mg/Kg	☼	09/02/14 08:55	09/08/14 22:45	1
Lead	**85**		1.4	0.71	mg/Kg	☼	09/02/14 08:55	09/08/14 22:45	1
Antimony	3.5	U	7.1	3.5	mg/Kg	☼	09/02/14 08:55	09/08/14 22:45	1
Selenium	**4.5**		3.5	1.8	mg/Kg	☼	09/02/14 08:55	09/08/14 22:45	1
Thallium	0.18	U	0.71	0.18	mg/Kg	☼	09/02/14 08:55	09/08/14 22:45	1
Zinc	**120**		14	3.9	mg/Kg	☼	09/02/14 08:55	09/08/14 22:45	1

Client Sample ID: Comp 6-1F

Lab Sample ID: 660-62560-7

Date Collected: 08/29/14 12:00
Matrix: Solid
Date Received: 08/29/14 13:53

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/08/14 08:29	09/12/14 21:48	1
Arsenic	**11**		2.5	2.5	ug/L		09/08/14 08:29	09/12/14 21:48	1
Barium	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:48	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/08/14 08:29	09/12/14 21:48	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/08/14 08:29	09/12/14 21:48	1
Chromium	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:48	1
Copper	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:48	1
Nickel	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:48	1
Lead	1.5	U	1.5	1.5	ug/L		09/08/14 08:29	09/12/14 21:48	1
Antimony	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:48	1
Selenium	2.5	U	2.5	2.5	ug/L		09/08/14 08:29	09/12/14 21:48	1
Thallium	1.0	U	1.0	1.0	ug/L		09/08/14 08:29	09/12/14 21:48	1
Zinc	20	U	20	20	ug/L		09/08/14 08:29	09/12/14 21:48	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/08/14 12:25	09/09/14 11:38	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.25**		0.15	0.062	mg/Kg	☼	09/04/14 10:18	09/05/14 11:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**200**		12	5.1	mg/Kg	☼	09/05/14 13:59	09/06/14 10:22	5
Total Kjeldahl Nitrogen	**13000**		3500	2100	mg/Kg	☼	09/09/14 16:23	09/10/14 12:31	10
Total Phosphorus as P	**1900**		140	78	mg/Kg	☼	09/09/14 16:23	09/10/14 11:33	1
Cyanide, Total	1.6	U	3.9	1.6	mg/Kg	☼	09/02/14 08:00	09/02/14 12:18	1
Phenolics, Total Recoverable	4.7	U	19	4.7	mg/Kg	☼	09/02/14 08:59	09/02/14 15:38	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	**5.8**	**I**	16	4.3	mg/Kg	☼		09/03/14 16:28	1

Client Sample ID: Comp 6-2F

Lab Sample ID: 660-62560-8

Date Collected: 08/29/14 12:00
Matrix: Solid
Date Received: 08/29/14 13:53
Percent Solids: 11.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.20	U	0.83	0.20	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
Acrylonitrile	0.28	U	0.83	0.28	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
Benzene	0.0061	U	0.042	0.0061	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
Bromoform	0.012	U	0.042	0.012	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
Bromomethane	0.012	U	0.042	0.012	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
Carbon tetrachloride	0.0069	U	0.042	0.0069	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
Chlorobenzene	0.0080	U	0.042	0.0080	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
Chloroethane	0.022	U	0.042	0.022	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
Chloroform	0.0091	U	0.042	0.0091	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
Chloromethane	0.0083	U	0.042	0.0083	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
Dibromochloromethane	0.014	U	0.042	0.014	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1

Client Sample ID: Comp 6-2F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-8
Matrix: Solid
Percent Solids: 11.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	0.011	U	0.042	0.011	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
1,3-Dichlorobenzene	0.013	U	0.042	0.013	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
1,4-Dichlorobenzene	0.0061	U	0.042	0.0061	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
Dichlorodifluoromethane	0.0078	U	0.042	0.0078	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
1,1-Dichloroethane	0.0091	U	0.042	0.0091	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
1,2-Dichloroethane	0.0091	U	0.042	0.0091	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
cis-1,2-Dichloroethene	0.012	U	0.042	0.012	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
trans-1,2-Dichloroethene	0.0052	U	0.042	0.0052	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
1,1-Dichloroethene	0.012	U	0.042	0.012	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
1,2-Dichloropropane	0.0071	U	0.042	0.0071	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
cis-1,3-Dichloropropene	0.0069	U	0.042	0.0069	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
trans-1,3-Dichloropropene	0.0072	U	0.042	0.0072	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
Ethylbenzene	0.011	U	0.042	0.011	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
Methylene Chloride	0.0081	J3 U	0.042	0.0081	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
Methyl tert-butyl ether	0.0083	U	0.083	0.0083	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
Tetrachloroethene	0.016	U	0.042	0.016	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
Toluene	0.0070	U	0.042	0.0070	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
1,2,4-Trichlorobenzene	0.0074	U	0.042	0.0074	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
1,1,1-Trichloroethane	0.0049	U	0.042	0.0049	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
1,1,2-Trichloroethane	0.011	U	0.042	0.011	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
Trichloroethene	0.011	U	0.042	0.011	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
Vinyl chloride	0.012	U	0.042	0.012	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1
Xylenes, Total	0.0091	U	0.083	0.0091	mg/Kg	☼	09/02/14 19:27	09/02/14 23:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*65 - 130*	*09/02/14 19:27*	*09/02/14 23:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 130*	*09/02/14 19:27*	*09/02/14 23:50*	*1*
4-Bromofluorobenzene (Surr)	*108*		*65 - 130*	*09/02/14 19:27*	*09/02/14 23:50*	*1*
Toluene-d8 (Surr)	*95*		*65 - 130*	*09/02/14 19:27*	*09/02/14 23:50*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	U	20	20	ug/L			09/11/14 17:11	1
Acrylonitrile	20	U	20	20	ug/L			09/11/14 17:11	1
Benzene	1.0	U	1.0	1.0	ug/L			09/11/14 17:11	1
Bromoform	1.0	U	1.0	1.0	ug/L			09/11/14 17:11	1
Bromomethane	5.0	U	5.0	5.0	ug/L			09/11/14 17:11	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			09/11/14 17:11	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			09/11/14 17:11	1
Chloroethane	5.0	U	5.0	5.0	ug/L			09/11/14 17:11	1
Chloroform	1.0	U	1.0	1.0	ug/L			09/11/14 17:11	1
Chloromethane	1.0	U	1.0	1.0	ug/L			09/11/14 17:11	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			09/11/14 17:11	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/11/14 17:11	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/11/14 17:11	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/11/14 17:11	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			09/11/14 17:11	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/11/14 17:11	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/11/14 17:11	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/11/14 17:11	1

Client Sample ID: Comp 6-2F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-8
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/11/14 17:11	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/11/14 17:11	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			09/11/14 17:11	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/11/14 17:11	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/11/14 17:11	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			09/11/14 17:11	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			09/11/14 17:11	1
Methyl tert-butyl ether	10	U	10	10	ug/L			09/11/14 17:11	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			09/11/14 17:11	1
Toluene	1.0	U	1.0	1.0	ug/L			09/11/14 17:11	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			09/11/14 17:11	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/11/14 17:11	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/11/14 17:11	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			09/11/14 17:11	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			09/11/14 17:11	1
Xylenes, Total	2.0	U	2.0	2.0	ug/L			09/11/14 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*92*		*70 - 130*		*09/11/14 17:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*83*		*70 - 130*		*09/11/14 17:11*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*09/11/14 17:11*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*09/11/14 17:11*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.34	U	2.8	0.34	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Acenaphthylene	0.30	U	2.8	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Anthracene	0.21	U	2.8	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Benzo[a]anthracene	0.23	U	2.8	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Benzo[a]pyrene	0.43	U	2.8	0.43	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Benzo[b]fluoranthene	0.32	U	2.8	0.32	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Benzo[g,h,i]perylene	0.18	U	2.8	0.18	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Benzo[k]fluoranthene	0.54	U	2.8	0.54	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Bis(2-chloroethoxy)methane	0.33	U	2.8	0.33	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Bis(2-chloroethyl)ether	0.38	U	2.8	0.38	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
bis (2-chloroisopropyl) ether	0.25	U	2.8	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Bis(2-ethylhexyl) phthalate	0.24	U	2.8	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
4-Bromophenyl phenyl ether	0.30	U	2.8	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Butyl benzyl phthalate	0.22	U	2.8	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
4-Chloroaniline	0.43	U	5.5	0.43	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
4-Chloro-3-methylphenol	0.29	U	2.8	0.29	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
2-Chloronaphthalene	0.29	U	2.8	0.29	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
2-Chlorophenol	0.33	U	2.8	0.33	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
4-Chlorophenyl phenyl ether	0.37	U	2.8	0.37	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Chrysene	0.18	U	2.8	0.18	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Dibenz(a,h)anthracene	0.33	U	2.8	0.33	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Dibenzofuran	0.28	U	2.8	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
3,3'-Dichlorobenzidine	0.23	U	5.5	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
2,4-Dichlorophenol	0.29	U	2.8	0.29	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Diethyl phthalate	0.31	U	2.8	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1

Client Sample ID: Comp 6-2F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-8
Matrix: Solid
Percent Solids: 11.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	0.37	U	2.8	0.37	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Dimethyl phthalate	0.28	U	2.8	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Di-n-butyl phthalate	0.25	U	2.8	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
4,6-Dinitro-2-methylphenol	1.4	U	14	1.4	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
2,4-Dinitrophenol	6.9	U	14	6.9	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
2,4-Dinitrotoluene	0.41	U	2.8	0.41	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
2,6-Dinitrotoluene	0.35	U	2.8	0.35	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Di-n-octyl phthalate	0.24	U	2.8	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
1,2-Diphenylhydrazine(as Azobenzene)	0.28	U	2.8	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Fluoranthene	0.27	U	2.8	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Fluorene	0.30	U	2.8	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Hexachlorobenzene	0.33	U	2.8	0.33	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Hexachlorobutadiene	0.30	U	2.8	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Hexachlorocyclopentadiene	0.34	U	2.8	0.34	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Hexachloroethane	0.23	U	2.8	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Indeno[1,2,3-cd]pyrene	0.23	U	2.8	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Isophorone	0.28	U	2.8	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
1-Methylnaphthalene	0.26	U	2.8	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
2-Methylnaphthalene	0.32	U	2.8	0.32	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Naphthalene	0.25	U	2.8	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Nitrobenzene	0.22	U	2.8	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
2-Nitrophenol	0.34	U	2.8	0.34	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
4-Nitrophenol	2.8	U	14	2.8	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
N-Nitrosodimethylamine	1.0	U	2.8	1.0	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
N-Nitrosodi-n-propylamine	0.27	U	2.8	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
N-Nitrosodiphenylamine	0.28	U	2.8	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Pentachlorophenol	2.8	U	14	2.8	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Phenanthrene	0.23	U	2.8	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Phenol	0.28	U	2.8	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
Pyrene	0.23	U	2.8	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1
2,4,6-Trichlorophenol	0.24	U	2.8	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 19:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*61*		*41 - 116*	*09/03/14 13:30*	*09/10/14 19:23*	*1*
2-Fluorophenol (Surr)	*64*		*39 - 114*	*09/03/14 13:30*	*09/10/14 19:23*	*1*
Nitrobenzene-d5 (Surr)	*66*		*37 - 115*	*09/03/14 13:30*	*09/10/14 19:23*	*1*
Phenol-d5 (Surr)	*65*		*38 - 122*	*09/03/14 13:30*	*09/10/14 19:23*	*1*
Terphenyl-d14 (Surr)	*58*		*46 - 126*	*09/03/14 13:30*	*09/10/14 19:23*	*1*
2,4,6-Tribromophenol (Surr)	*77*		*45 - 129*	*09/03/14 13:30*	*09/10/14 19:23*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 20:08	1
Acenaphthylene	0.85	U	10	0.85	ug/L		09/09/14 19:00	09/12/14 20:08	1
Anthracene	0.86	U	10	0.86	ug/L		09/09/14 19:00	09/12/14 20:08	1
Benzo[a]anthracene	0.88	U	10	0.88	ug/L		09/09/14 19:00	09/12/14 20:08	1
Benzo[a]pyrene	0.89	U	10	0.89	ug/L		09/09/14 19:00	09/12/14 20:08	1
Benzo[b]fluoranthene	0.80	U	10	0.80	ug/L		09/09/14 19:00	09/12/14 20:08	1
Benzo[g,h,i]perylene	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 20:08	1

Client Sample ID: Comp 6-2F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-8
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.86	U	10	0.86	ug/L		09/09/14 19:00	09/12/14 20:08	1
Bis(2-chloroethoxy)methane	0.96	U	10	0.96	ug/L		09/09/14 19:00	09/12/14 20:08	1
Bis(2-chloroethyl)ether	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 20:08	1
bis (2-chloroisopropyl) ether	1.1	U	10	1.1	ug/L		09/09/14 19:00	09/12/14 20:08	1
Bis(2-ethylhexyl) phthalate	2.5	U	10	2.5	ug/L		09/09/14 19:00	09/12/14 20:08	1
4-Bromophenyl phenyl ether	0.97	U	10	0.97	ug/L		09/09/14 19:00	09/12/14 20:08	1
Butyl benzyl phthalate	0.98	U	10	0.98	ug/L		09/09/14 19:00	09/12/14 20:08	1
4-Chloroaniline	1.7	U	20	1.7	ug/L		09/09/14 19:00	09/12/14 20:08	1
4-Chloro-3-methylphenol	1.1	U	10	1.1	ug/L		09/09/14 19:00	09/12/14 20:08	1
2-Chloronaphthalene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 20:08	1
2-Chlorophenol	1.6	U	10	1.6	ug/L		09/09/14 19:00	09/12/14 20:08	1
4-Chlorophenyl phenyl ether	1.5	U	10	1.5	ug/L		09/09/14 19:00	09/12/14 20:08	1
Chrysene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 20:08	1
Dibenz(a,h)anthracene	2.3	U	10	2.3	ug/L		09/09/14 19:00	09/12/14 20:08	1
Dibenzofuran	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 20:08	1
3,3'-Dichlorobenzidine	6.8	U	20	6.8	ug/L		09/09/14 19:00	09/12/14 20:08	1
2,4-Dichlorophenol	3.3	U	10	3.3	ug/L		09/09/14 19:00	09/12/14 20:08	1
Diethyl phthalate	0.90	J3 U	10	0.90	ug/L		09/09/14 19:00	09/12/14 20:08	1
2,4-Dimethylphenol	3.8	U	10	3.8	ug/L		09/09/14 19:00	09/12/14 20:08	1
Dimethyl phthalate	1.3	U	10	1.3	ug/L		09/09/14 19:00	09/12/14 20:08	1
Di-n-butyl phthalate	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 20:08	1
4,6-Dinitro-2-methylphenol	1.0	U	50	1.0	ug/L		09/09/14 19:00	09/12/14 20:08	1
2,4-Dinitrophenol	3.1	U	50	3.1	ug/L		09/09/14 19:00	09/12/14 20:08	1
2,4-Dinitrotoluene	1.7	U	10	1.7	ug/L		09/09/14 19:00	09/12/14 20:08	1
2,6-Dinitrotoluene	2.1	U	10	2.1	ug/L		09/09/14 19:00	09/12/14 20:08	1
Di-n-octyl phthalate	2.0	U	10	2.0	ug/L		09/09/14 19:00	09/12/14 20:08	1
1,2-Diphenylhydrazine(as Azobenzene)	0.99	U	10	0.99	ug/L		09/09/14 19:00	09/12/14 20:08	1
Fluoranthene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 20:08	1
Fluorene	0.90	U	10	0.90	ug/L		09/09/14 19:00	09/12/14 20:08	1
Hexachlorobenzene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 20:08	1
Hexachlorobutadiene	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 20:08	1
Hexachlorocyclopentadiene	2.1	U	10	2.1	ug/L		09/09/14 19:00	09/12/14 20:08	1
Hexachloroethane	4.5	U	10	4.5	ug/L		09/09/14 19:00	09/12/14 20:08	1
Indeno[1,2,3-cd]pyrene	2.4	U	10	2.4	ug/L		09/09/14 19:00	09/12/14 20:08	1
Isophorone	0.85	U	10	0.85	ug/L		09/09/14 19:00	09/12/14 20:08	1
2-Methylnaphthalene	1.5	U	10	1.5	ug/L		09/09/14 19:00	09/12/14 20:08	1
1-Methylnaphthalene	2.6	U	10	2.6	ug/L		09/09/14 19:00	09/12/14 20:08	1
Naphthalene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 20:08	1
Nitrobenzene	1.6	U	10	1.6	ug/L		09/09/14 19:00	09/12/14 20:08	1
2-Nitrophenol	0.96	U	10	0.96	ug/L		09/09/14 19:00	09/12/14 20:08	1
4-Nitrophenol	2.1	U	50	2.1	ug/L		09/09/14 19:00	09/12/14 20:08	1
N-Nitrosodimethylamine	2.4	U	10	2.4	ug/L		09/09/14 19:00	09/12/14 20:08	1
N-Nitrosodi-n-propylamine	0.93	U	10	0.93	ug/L		09/09/14 19:00	09/12/14 20:08	1
N-Nitrosodiphenylamine	0.62	U	10	0.62	ug/L		09/09/14 19:00	09/12/14 20:08	1
Pentachlorophenol	1.1	U	50	1.1	ug/L		09/09/14 19:00	09/12/14 20:08	1
Phenanthrene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 20:08	1
Phenol	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 20:08	1
Pyrene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 20:08	1
2,4,6-Trichlorophenol	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 20:08	1

Client Sample ID: Comp 6-2F

Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-8

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	*78*		*48 - 124*	*09/09/14 19:00*	*09/12/14 20:08*	*1*
2-Fluorobiphenyl	*78*		*24 - 113*	*09/09/14 19:00*	*09/12/14 20:08*	*1*
2-Fluorophenol (Surr)	*70*		*12 - 105*	*09/09/14 19:00*	*09/12/14 20:08*	*1*
Terphenyl-d14 (Surr)	*60*		*36 - 127*	*09/09/14 19:00*	*09/12/14 20:08*	*1*
Phenol-d5 (Surr)	*71*		*17 - 111*	*09/09/14 19:00*	*09/12/14 20:08*	*1*
Nitrobenzene-d5 (Surr)	*73*		*26 - 107*	*09/09/14 19:00*	*09/12/14 20:08*	*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	0.0015	U	0.014	0.0015	mg/Kg	☼	09/03/14 09:38	09/06/14 01:18	1
4,4'-DDE	**0.0021**	**I**	0.014	0.0015	mg/Kg	☼	09/03/14 09:38	09/06/14 01:18	1
4,4'-DDT	0.018	U	0.14	0.018	mg/Kg	☼	09/03/14 09:38	09/06/14 00:53	10
Aldrin	0.0013	U	0.014	0.0013	mg/Kg	☼	09/03/14 09:38	09/06/14 01:18	1
alpha-BHC	0.0012	U	0.014	0.0012	mg/Kg	☼	09/03/14 09:38	09/06/14 01:18	1
beta-BHC	0.0028	U	0.014	0.0028	mg/Kg	☼	09/03/14 09:38	09/06/14 01:18	1
Chlordane (technical)	0.024	U	0.14	0.024	mg/Kg	☼	09/03/14 09:38	09/06/14 01:18	1
delta-BHC	0.0016	U	0.014	0.0016	mg/Kg	☼	09/03/14 09:38	09/06/14 01:18	1
Dieldrin	0.0014	U	0.014	0.0014	mg/Kg	☼	09/03/14 09:38	09/06/14 01:18	1
Endosulfan I	0.0014	U	0.014	0.0014	mg/Kg	☼	09/03/14 09:38	09/06/14 01:18	1
Endosulfan II	0.0013	U	0.014	0.0013	mg/Kg	☼	09/03/14 09:38	09/06/14 01:18	1
Endosulfan sulfate	0.0018	U	0.014	0.0018	mg/Kg	☼	09/03/14 09:38	09/06/14 01:18	1
Endrin	0.0018	U	0.014	0.0018	mg/Kg	☼	09/03/14 09:38	09/06/14 01:18	1
Endrin aldehyde	0.0018	U	0.014	0.0018	mg/Kg	☼	09/03/14 09:38	09/06/14 01:18	1
Endrin ketone	0.017	U	0.14	0.017	mg/Kg	☼	09/03/14 09:38	09/06/14 00:53	10
gamma-BHC (Lindane)	0.0012	U	0.014	0.0012	mg/Kg	☼	09/03/14 09:38	09/06/14 01:18	1
Heptachlor	0.016	U	0.14	0.016	mg/Kg	☼	09/03/14 09:38	09/06/14 00:53	10
Heptachlor epoxide	0.0013	U	0.014	0.0013	mg/Kg	☼	09/03/14 09:38	09/06/14 01:18	1
Methoxychlor	0.023	U	0.14	0.023	mg/Kg	☼	09/03/14 09:38	09/06/14 00:53	10
Toxaphene	0.46	U	14	0.46	mg/Kg	☼	09/03/14 09:38	09/06/14 00:53	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*25*	*J1*	*54 - 133*	*09/03/14 09:38*	*09/06/14 01:18*	*1*
Tetrachloro-m-xylene	*23*	*J1*	*46 - 130*	*09/03/14 09:38*	*09/06/14 01:18*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.012	U	0.096	0.012	ug/L		09/09/14 13:16	09/09/14 18:58	1
4,4'-DDE	0.012	U	0.096	0.012	ug/L		09/09/14 13:16	09/09/14 18:58	1
4,4'-DDT	0.012	U	0.096	0.012	ug/L		09/09/14 13:16	09/09/14 18:58	1
Aldrin	0.0019	U	0.048	0.0019	ug/L		09/09/14 13:16	09/09/14 18:58	1
alpha-BHC	0.0058	U	0.048	0.0058	ug/L		09/09/14 13:16	09/09/14 18:58	1
beta-BHC	0.012	U	0.048	0.012	ug/L		09/09/14 13:16	09/09/14 18:58	1
delta-BHC	0.012	U	0.048	0.012	ug/L		09/09/14 13:16	09/09/14 18:58	1
Dieldrin	0.0019	U	0.096	0.0019	ug/L		09/09/14 13:16	09/09/14 18:58	1
Endosulfan I	0.012	U	0.048	0.012	ug/L		09/09/14 13:16	09/09/14 18:58	1
Endosulfan II	0.012	U	0.096	0.012	ug/L		09/09/14 13:16	09/09/14 18:58	1
Endosulfan sulfate	0.012	U	0.096	0.012	ug/L		09/09/14 13:16	09/09/14 18:58	1
Endrin	0.012	U	0.096	0.012	ug/L		09/09/14 13:16	09/09/14 18:58	1
Endrin aldehyde	0.012	U	0.096	0.012	ug/L		09/09/14 13:16	09/09/14 18:58	1
Endrin ketone	0.012	U	0.096	0.012	ug/L		09/09/14 13:16	09/09/14 18:58	1
gamma-BHC (Lindane)	0.012	U	0.048	0.012	ug/L		09/09/14 13:16	09/09/14 18:58	1

Client Sample ID: Comp 6-2F

Lab Sample ID: 660-62560-8

Date Collected: 08/29/14 12:00

Matrix: Solid

Date Received: 08/29/14 13:53

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	0.012	U	0.048	0.012	ug/L		09/09/14 13:16	09/09/14 18:58	1
Heptachlor epoxide	0.012	U	0.048	0.012	ug/L		09/09/14 13:16	09/09/14 18:58	1
Methoxychlor	0.012	U	0.48	0.012	ug/L		09/09/14 13:16	09/09/14 18:58	1
Chlordane (technical)	0.33	U	0.96	0.33	ug/L		09/09/14 13:16	09/09/14 18:58	1
Toxaphene	0.65	U	4.8	0.65	ug/L		09/09/14 13:16	09/09/14 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*12*	*J1*	*20 - 142*	*09/09/14 13:16*	*09/09/14 18:58*	*1*
Tetrachloro-m-xylene	*93*		*22 - 134*	*09/09/14 13:16*	*09/09/14 18:58*	*1*

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1900**		420	250	mg/Kg	☼		09/10/14 13:48	5
Sulfate	250	U	420	250	mg/Kg	☼		09/10/14 13:48	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.39	U	0.78	0.39	mg/Kg	☼	09/02/14 08:55	09/08/14 22:51	1
Arsenic	**7.6**		2.0	0.78	mg/Kg	☼	09/02/14 08:55	09/08/14 22:51	1
Barium	**60**		3.9	1.0	mg/Kg	☼	09/02/14 08:55	09/08/14 22:51	1
Beryllium	**1.2**		0.39	0.20	mg/Kg	☼	09/02/14 08:55	09/08/14 22:51	1
Cadmium	**0.78**		0.39	0.094	mg/Kg	☼	09/02/14 08:55	09/08/14 22:51	1
Chromium	**47**		3.9	2.0	mg/Kg	☼	09/02/14 08:55	09/08/14 22:51	1
Copper	**31**		3.9	1.6	mg/Kg	☼	09/02/14 08:55	09/08/14 22:51	1
Sodium	**2500**		200	130	mg/Kg	☼	09/02/14 08:55	09/08/14 22:51	1
Nickel	**17**		3.9	2.0	mg/Kg	☼	09/02/14 08:55	09/08/14 22:51	1
Lead	**63**		1.6	0.78	mg/Kg	☼	09/02/14 08:55	09/08/14 22:51	1
Antimony	3.9	U	7.8	3.9	mg/Kg	☼	09/02/14 08:55	09/08/14 22:51	1
Selenium	**5.1**		3.9	2.0	mg/Kg	☼	09/02/14 08:55	09/08/14 22:51	1
Thallium	0.20	U	0.78	0.20	mg/Kg	☼	09/02/14 08:55	09/08/14 22:51	1
Zinc	**120**		16	4.3	mg/Kg	☼	09/02/14 08:55	09/08/14 22:51	1

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/08/14 08:29	09/12/14 21:56	1
Arsenic	**14**		2.5	2.5	ug/L		09/08/14 08:29	09/12/14 21:56	1
Barium	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:56	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/08/14 08:29	09/12/14 21:56	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/08/14 08:29	09/12/14 21:56	1
Chromium	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:56	1
Copper	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:56	1
Nickel	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:56	1
Lead	1.5	U	1.5	1.5	ug/L		09/08/14 08:29	09/12/14 21:56	1
Antimony	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 21:56	1
Selenium	2.5	U	2.5	2.5	ug/L		09/08/14 08:29	09/12/14 21:56	1
Thallium	1.0	U	1.0	1.0	ug/L		09/08/14 08:29	09/12/14 21:56	1
Zinc	20	U	20	20	ug/L		09/08/14 08:29	09/12/14 21:56	1

Client Sample ID: Comp 6-2F

Lab Sample ID: 660-62560-8

Date Collected: 08/29/14 12:00
Matrix: Solid
Date Received: 08/29/14 13:53

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/08/14 12:25	09/09/14 11:41	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.27**		0.17	0.069	mg/Kg	☼	09/04/14 10:18	09/05/14 11:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**240**		13	5.4	mg/Kg	☼	09/05/14 13:59	09/06/14 10:32	5
Total Kjeldahl Nitrogen	**12000**		3800	2300	mg/Kg	☼	09/09/14 16:23	09/10/14 12:32	10
Total Phosphorus as P	**1900**		150	84	mg/Kg	☼	09/09/14 16:23	09/10/14 11:36	1
Cyanide, Total	1.7	U	4.1	1.7	mg/Kg	☼	09/02/14 08:00	09/02/14 12:19	1
Phenolics, Total Recoverable	5.0	U	20	5.0	mg/Kg	☼	09/02/14 08:59	09/02/14 16:54	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	4.6	U	17	4.6	mg/Kg	☼		09/03/14 16:29	1

Client Sample ID: Comp 6-3F

Lab Sample ID: 660-62560-9

Date Collected: 08/29/14 12:00
Matrix: Solid
Date Received: 08/29/14 13:53
Percent Solids: 11.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.21	U	0.89	0.21	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
Acrylonitrile	0.30	U	0.89	0.30	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
Benzene	0.0065	U	0.044	0.0065	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
Bromoform	0.013	U	0.044	0.013	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
Bromomethane	0.013	U	0.044	0.013	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
Carbon tetrachloride	0.0074	U	0.044	0.0074	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
Chlorobenzene	0.0085	U	0.044	0.0085	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
Chloroethane	0.024	U	0.044	0.024	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
Chloroform	0.0097	U	0.044	0.0097	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
Chloromethane	0.0089	U	0.044	0.0089	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
Dibromochloromethane	0.015	U	0.044	0.015	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
1,2-Dichlorobenzene	0.012	U	0.044	0.012	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
1,3-Dichlorobenzene	0.014	U	0.044	0.014	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
1,4-Dichlorobenzene	0.0066	U	0.044	0.0066	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
Dichlorodifluoromethane	0.0083	U	0.044	0.0083	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
1,1-Dichloroethane	0.0097	U	0.044	0.0097	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
1,2-Dichloroethane	0.0097	U	0.044	0.0097	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
cis-1,2-Dichloroethene	0.012	U	0.044	0.012	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
trans-1,2-Dichloroethene	0.0056	U	0.044	0.0056	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
1,1-Dichloroethene	0.013	U	0.044	0.013	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
1,2-Dichloropropane	0.0076	U	0.044	0.0076	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
cis-1,3-Dichloropropene	0.0074	U	0.044	0.0074	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
trans-1,3-Dichloropropene	0.0077	U	0.044	0.0077	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
Ethylbenzene	0.012	U	0.044	0.012	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
Methylene Chloride	0.0087	J3 U	0.044	0.0087	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
Methyl tert-butyl ether	0.0089	U	0.089	0.0089	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1

Client Sample ID: Comp 6-3F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-9
Matrix: Solid
Percent Solids: 11.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.017	U	0.044	0.017	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
Toluene	0.0074	U	0.044	0.0074	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
1,2,4-Trichlorobenzene	0.0079	U	0.044	0.0079	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
1,1,1-Trichloroethane	0.0052	U	0.044	0.0052	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
1,1,2-Trichloroethane	0.012	U	0.044	0.012	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
Trichloroethene	0.012	U	0.044	0.012	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
Vinyl chloride	0.013	U	0.044	0.013	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1
Xylenes, Total	0.0097	U	0.089	0.0097	mg/Kg	☼	09/02/14 19:27	09/03/14 00:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*0*	*J1*	*65 - 130*	*09/02/14 19:27*	*09/03/14 00:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*65 - 130*	*09/02/14 19:27*	*09/03/14 00:11*	*1*
4-Bromofluorobenzene (Surr)	*117*		*65 - 130*	*09/02/14 19:27*	*09/03/14 00:11*	*1*
Toluene-d8 (Surr)	*98*		*65 - 130*	*09/02/14 19:27*	*09/03/14 00:11*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	U	20	20	ug/L			09/11/14 17:37	1
Acrylonitrile	20	U	20	20	ug/L			09/11/14 17:37	1
Benzene	1.0	U	1.0	1.0	ug/L			09/11/14 17:37	1
Bromoform	1.0	U	1.0	1.0	ug/L			09/11/14 17:37	1
Bromomethane	5.0	U	5.0	5.0	ug/L			09/11/14 17:37	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			09/11/14 17:37	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			09/11/14 17:37	1
Chloroethane	5.0	U	5.0	5.0	ug/L			09/11/14 17:37	1
Chloroform	1.0	U	1.0	1.0	ug/L			09/11/14 17:37	1
Chloromethane	1.0	U	1.0	1.0	ug/L			09/11/14 17:37	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			09/11/14 17:37	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/11/14 17:37	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/11/14 17:37	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/11/14 17:37	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			09/11/14 17:37	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/11/14 17:37	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/11/14 17:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/11/14 17:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/11/14 17:37	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/11/14 17:37	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			09/11/14 17:37	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/11/14 17:37	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/11/14 17:37	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			09/11/14 17:37	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			09/11/14 17:37	1
Methyl tert-butyl ether	10	U	10	10	ug/L			09/11/14 17:37	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			09/11/14 17:37	1
Toluene	1.0	U	1.0	1.0	ug/L			09/11/14 17:37	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			09/11/14 17:37	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/11/14 17:37	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/11/14 17:37	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			09/11/14 17:37	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			09/11/14 17:37	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 6-3F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-9
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	2.0	ug/L			09/11/14 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*09/11/14 17:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*85*		*70 - 130*		*09/11/14 17:37*	*1*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*09/11/14 17:37*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*09/11/14 17:37*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.36	U	2.9	0.36	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Acenaphthylene	0.32	U	2.9	0.32	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Anthracene	0.22	U	2.9	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Benzo[a]anthracene	0.24	U	2.9	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Benzo[a]pyrene	0.46	U	2.9	0.46	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Benzo[b]fluoranthene	0.34	U	2.9	0.34	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Benzo[g,h,i]perylene	0.19	U	2.9	0.19	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Benzo[k]fluoranthene	0.58	U	2.9	0.58	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Bis(2-chloroethoxy)methane	0.35	U	2.9	0.35	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Bis(2-chloroethyl)ether	0.40	U	2.9	0.40	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
bis (2-chloroisopropyl) ether	0.27	U	2.9	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Bis(2-ethylhexyl) phthalate	0.26	U	2.9	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
4-Bromophenyl phenyl ether	0.32	U	2.9	0.32	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Butyl benzyl phthalate	0.23	U	2.9	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
4-Chloroaniline	0.46	U	5.8	0.46	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
4-Chloro-3-methylphenol	0.31	U	2.9	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
2-Chloronaphthalene	0.31	U	2.9	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
2-Chlorophenol	0.35	U	2.9	0.35	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
4-Chlorophenyl phenyl ether	0.39	U	2.9	0.39	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Chrysene	0.19	U	2.9	0.19	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Dibenz(a,h)anthracene	0.35	U	2.9	0.35	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Dibenzofuran	0.29	U	2.9	0.29	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
3,3'-Dichlorobenzidine	0.25	U	5.8	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
2,4-Dichlorophenol	0.31	U	2.9	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Diethyl phthalate	0.33	U	2.9	0.33	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
2,4-Dimethylphenol	0.39	U	2.9	0.39	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Dimethyl phthalate	0.30	U	2.9	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Di-n-butyl phthalate	0.27	U	2.9	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
4,6-Dinitro-2-methylphenol	1.5	U	15	1.5	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
2,4-Dinitrophenol	7.3	U	15	7.3	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
2,4-Dinitrotoluene	0.43	U	2.9	0.43	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
2,6-Dinitrotoluene	0.37	U	2.9	0.37	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Di-n-octyl phthalate	0.26	U	2.9	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
1,2-Diphenylhydrazine(as Azobenzene)	0.30	U	2.9	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Fluoranthene	0.28	U	2.9	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Fluorene	0.32	U	2.9	0.32	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Hexachlorobenzene	0.35	U	2.9	0.35	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Hexachlorobutadiene	0.32	U	2.9	0.32	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Hexachlorocyclopentadiene	0.36	U	2.9	0.36	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1

Client Sample ID: Comp 6-3F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-9
Matrix: Solid
Percent Solids: 11.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	0.25	U	2.9	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Indeno[1,2,3-cd]pyrene	0.25	U	2.9	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Isophorone	0.29	U	2.9	0.29	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
1-Methylnaphthalene	0.27	U	2.9	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
2-Methylnaphthalene	0.34	U	2.9	0.34	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Naphthalene	0.27	U	2.9	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Nitrobenzene	0.23	U	2.9	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
2-Nitrophenol	0.36	U	2.9	0.36	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
4-Nitrophenol	2.9	U	15	2.9	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
N-Nitrosodimethylamine	1.1	U	2.9	1.1	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
N-Nitrosodi-n-propylamine	0.28	U	2.9	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
N-Nitrosodiphenylamine	0.29	U	2.9	0.29	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Pentachlorophenol	2.9	U	15	2.9	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Phenanthrene	0.24	U	2.9	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Phenol	0.30	U	2.9	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
Pyrene	**0.24**	**I**	2.9	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1
2,4,6-Trichlorophenol	0.26	U	2.9	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 19:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*48*		*41 - 116*	*09/03/14 13:30*	*09/10/14 19:48*	*1*
2-Fluorophenol (Surr)	*65*		*39 - 114*	*09/03/14 13:30*	*09/10/14 19:48*	*1*
Nitrobenzene-d5 (Surr)	*64*		*37 - 115*	*09/03/14 13:30*	*09/10/14 19:48*	*1*
Phenol-d5 (Surr)	*66*		*38 - 122*	*09/03/14 13:30*	*09/10/14 19:48*	*1*
Terphenyl-d14 (Surr)	*45*	*J1*	*46 - 126*	*09/03/14 13:30*	*09/10/14 19:48*	*1*
2,4,6-Tribromophenol (Surr)	*75*		*45 - 129*	*09/03/14 13:30*	*09/10/14 19:48*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 20:37	1
Acenaphthylene	0.85	U	10	0.85	ug/L		09/09/14 19:00	09/12/14 20:37	1
Anthracene	0.86	U	10	0.86	ug/L		09/09/14 19:00	09/12/14 20:37	1
Benzo[a]anthracene	0.88	U	10	0.88	ug/L		09/09/14 19:00	09/12/14 20:37	1
Benzo[a]pyrene	0.89	U	10	0.89	ug/L		09/09/14 19:00	09/12/14 20:37	1
Benzo[b]fluoranthene	0.80	U	10	0.80	ug/L		09/09/14 19:00	09/12/14 20:37	1
Benzo[g,h,i]perylene	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 20:37	1
Benzo[k]fluoranthene	0.86	U	10	0.86	ug/L		09/09/14 19:00	09/12/14 20:37	1
Bis(2-chloroethoxy)methane	0.96	U	10	0.96	ug/L		09/09/14 19:00	09/12/14 20:37	1
Bis(2-chloroethyl)ether	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 20:37	1
bis (2-chloroisopropyl) ether	1.1	U	10	1.1	ug/L		09/09/14 19:00	09/12/14 20:37	1
Bis(2-ethylhexyl) phthalate	2.5	U	10	2.5	ug/L		09/09/14 19:00	09/12/14 20:37	1
4-Bromophenyl phenyl ether	0.97	U	10	0.97	ug/L		09/09/14 19:00	09/12/14 20:37	1
Butyl benzyl phthalate	0.98	U	10	0.98	ug/L		09/09/14 19:00	09/12/14 20:37	1
4-Chloroaniline	1.7	U	20	1.7	ug/L		09/09/14 19:00	09/12/14 20:37	1
4-Chloro-3-methylphenol	1.1	U	10	1.1	ug/L		09/09/14 19:00	09/12/14 20:37	1
2-Chloronaphthalene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 20:37	1
2-Chlorophenol	1.6	U	10	1.6	ug/L		09/09/14 19:00	09/12/14 20:37	1
4-Chlorophenyl phenyl ether	1.5	U	10	1.5	ug/L		09/09/14 19:00	09/12/14 20:37	1
Chrysene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 20:37	1
Dibenz(a,h)anthracene	2.3	U	10	2.3	ug/L		09/09/14 19:00	09/12/14 20:37	1
Dibenzofuran	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 20:37	1

Client Sample ID: Comp 6-3F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-9
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	6.8	U	20	6.8	ug/L		09/09/14 19:00	09/12/14 20:37	1
2,4-Dichlorophenol	3.3	U	10	3.3	ug/L		09/09/14 19:00	09/12/14 20:37	1
Diethyl phthalate	0.90	J3 U	10	0.90	ug/L		09/09/14 19:00	09/12/14 20:37	1
2,4-Dimethylphenol	3.8	U	10	3.8	ug/L		09/09/14 19:00	09/12/14 20:37	1
Dimethyl phthalate	1.3	U	10	1.3	ug/L		09/09/14 19:00	09/12/14 20:37	1
Di-n-butyl phthalate	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 20:37	1
4,6-Dinitro-2-methylphenol	1.0	U	50	1.0	ug/L		09/09/14 19:00	09/12/14 20:37	1
2,4-Dinitrophenol	3.1	U	50	3.1	ug/L		09/09/14 19:00	09/12/14 20:37	1
2,4-Dinitrotoluene	1.7	U	10	1.7	ug/L		09/09/14 19:00	09/12/14 20:37	1
2,6-Dinitrotoluene	2.1	U	10	2.1	ug/L		09/09/14 19:00	09/12/14 20:37	1
Di-n-octyl phthalate	2.0	U	10	2.0	ug/L		09/09/14 19:00	09/12/14 20:37	1
1,2-Diphenylhydrazine(as Azobenzene)	0.99	U	10	0.99	ug/L		09/09/14 19:00	09/12/14 20:37	1
Fluoranthene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 20:37	1
Fluorene	0.90	U	10	0.90	ug/L		09/09/14 19:00	09/12/14 20:37	1
Hexachlorobenzene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 20:37	1
Hexachlorobutadiene	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 20:37	1
Hexachlorocyclopentadiene	2.1	U	10	2.1	ug/L		09/09/14 19:00	09/12/14 20:37	1
Hexachloroethane	4.5	U	10	4.5	ug/L		09/09/14 19:00	09/12/14 20:37	1
Indeno[1,2,3-cd]pyrene	2.4	U	10	2.4	ug/L		09/09/14 19:00	09/12/14 20:37	1
Isophorone	0.85	U	10	0.85	ug/L		09/09/14 19:00	09/12/14 20:37	1
2-Methylnaphthalene	1.5	U	10	1.5	ug/L		09/09/14 19:00	09/12/14 20:37	1
1-Methylnaphthalene	2.6	U	10	2.6	ug/L		09/09/14 19:00	09/12/14 20:37	1
Naphthalene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 20:37	1
Nitrobenzene	1.6	U	10	1.6	ug/L		09/09/14 19:00	09/12/14 20:37	1
2-Nitrophenol	0.96	U	10	0.96	ug/L		09/09/14 19:00	09/12/14 20:37	1
4-Nitrophenol	2.1	U	50	2.1	ug/L		09/09/14 19:00	09/12/14 20:37	1
N-Nitrosodimethylamine	2.4	U	10	2.4	ug/L		09/09/14 19:00	09/12/14 20:37	1
N-Nitrosodi-n-propylamine	0.93	U	10	0.93	ug/L		09/09/14 19:00	09/12/14 20:37	1
N-Nitrosodiphenylamine	0.62	U	10	0.62	ug/L		09/09/14 19:00	09/12/14 20:37	1
Pentachlorophenol	1.1	U	50	1.1	ug/L		09/09/14 19:00	09/12/14 20:37	1
Phenanthrene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 20:37	1
Phenol	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 20:37	1
Pyrene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 20:37	1
2,4,6-Trichlorophenol	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 20:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*103*		*48 - 124*	*09/09/14 19:00*	*09/12/14 20:37*	*1*
2-Fluorobiphenyl	*92*		*24 - 113*	*09/09/14 19:00*	*09/12/14 20:37*	*1*
2-Fluorophenol (Surr)	*90*		*12 - 105*	*09/09/14 19:00*	*09/12/14 20:37*	*1*
Terphenyl-d14 (Surr)	*76*		*36 - 127*	*09/09/14 19:00*	*09/12/14 20:37*	*1*
Phenol-d5 (Surr)	*93*		*17 - 111*	*09/09/14 19:00*	*09/12/14 20:37*	*1*
Nitrobenzene-d5 (Surr)	*94*		*26 - 107*	*09/09/14 19:00*	*09/12/14 20:37*	*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	0.0016	U	0.015	0.0016	mg/Kg	☼	09/03/14 09:38	09/06/14 01:32	1
4,4'-DDE	**0.0020**	**I**	0.015	0.0016	mg/Kg	☼	09/03/14 09:38	09/06/14 01:32	1
4,4'-DDT	0.019	U	0.15	0.019	mg/Kg	☼	09/03/14 09:38	09/06/14 01:08	10
Aldrin	0.0013	U	0.015	0.0013	mg/Kg	☼	09/03/14 09:38	09/06/14 01:32	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 6-3F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-9
Matrix: Solid
Percent Solids: 11.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	0.0012	U	0.015	0.0012	mg/Kg	☼	09/03/14 09:38	09/06/14 01:32	1
beta-BHC	0.0029	U	0.015	0.0029	mg/Kg	☼	09/03/14 09:38	09/06/14 01:32	1
Chlordane (technical)	0.026	U	0.15	0.026	mg/Kg	☼	09/03/14 09:38	09/06/14 01:32	1
delta-BHC	0.0017	U	0.015	0.0017	mg/Kg	☼	09/03/14 09:38	09/06/14 01:32	1
Dieldrin	0.0015	U	0.015	0.0015	mg/Kg	☼	09/03/14 09:38	09/06/14 01:32	1
Endosulfan I	0.0015	U	0.015	0.0015	mg/Kg	☼	09/03/14 09:38	09/06/14 01:32	1
Endosulfan II	0.0013	U	0.015	0.0013	mg/Kg	☼	09/03/14 09:38	09/06/14 01:32	1
Endosulfan sulfate	0.0019	U	0.015	0.0019	mg/Kg	☼	09/03/14 09:38	09/06/14 01:32	1
Endrin	0.0019	U	0.015	0.0019	mg/Kg	☼	09/03/14 09:38	09/06/14 01:32	1
Endrin aldehyde	0.0019	U	0.015	0.0019	mg/Kg	☼	09/03/14 09:38	09/06/14 01:32	1
Endrin ketone	0.018	U	0.15	0.018	mg/Kg	☼	09/03/14 09:38	09/06/14 01:08	10
gamma-BHC (Lindane)	0.0012	U	0.015	0.0012	mg/Kg	☼	09/03/14 09:38	09/06/14 01:32	1
Heptachlor	0.017	U	0.15	0.017	mg/Kg	☼	09/03/14 09:38	09/06/14 01:08	10
Heptachlor epoxide	0.0014	U	0.015	0.0014	mg/Kg	☼	09/03/14 09:38	09/06/14 01:32	1
Methoxychlor	0.025	U	0.15	0.025	mg/Kg	☼	09/03/14 09:38	09/06/14 01:08	10
Toxaphene	0.49	U	15	0.49	mg/Kg	☼	09/03/14 09:38	09/06/14 01:08	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*22*	*J1*	*54 - 133*	*09/03/14 09:38*	*09/06/14 01:32*	*1*
Tetrachloro-m-xylene	*24*	*J1*	*46 - 130*	*09/03/14 09:38*	*09/06/14 01:32*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	U	0.099	0.013	ug/L		09/09/14 13:16	09/09/14 19:13	1
4,4'-DDE	0.013	U	0.099	0.013	ug/L		09/09/14 13:16	09/09/14 19:13	1
4,4'-DDT	0.013	U	0.099	0.013	ug/L		09/09/14 13:16	09/09/14 19:13	1
Aldrin	0.0020	U	0.049	0.0020	ug/L		09/09/14 13:16	09/09/14 19:13	1
alpha-BHC	0.0059	U	0.049	0.0059	ug/L		09/09/14 13:16	09/09/14 19:13	1
beta-BHC	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 19:13	1
delta-BHC	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 19:13	1
Dieldrin	0.0020	U	0.099	0.0020	ug/L		09/09/14 13:16	09/09/14 19:13	1
Endosulfan I	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 19:13	1
Endosulfan II	0.013	U	0.099	0.013	ug/L		09/09/14 13:16	09/09/14 19:13	1
Endosulfan sulfate	0.013	U	0.099	0.013	ug/L		09/09/14 13:16	09/09/14 19:13	1
Endrin	0.013	U	0.099	0.013	ug/L		09/09/14 13:16	09/09/14 19:13	1
Endrin aldehyde	0.013	U	0.099	0.013	ug/L		09/09/14 13:16	09/09/14 19:13	1
Endrin ketone	0.013	U	0.099	0.013	ug/L		09/09/14 13:16	09/09/14 19:13	1
gamma-BHC (Lindane)	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 19:13	1
Heptachlor	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 19:13	1
Heptachlor epoxide	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 19:13	1
Methoxychlor	0.013	U	0.49	0.013	ug/L		09/09/14 13:16	09/09/14 19:13	1
Chlordane (technical)	0.34	U	0.99	0.34	ug/L		09/09/14 13:16	09/09/14 19:13	1
Toxaphene	0.67	U	4.9	0.67	ug/L		09/09/14 13:16	09/09/14 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*7*	*J1*	*20 - 142*	*09/09/14 13:16*	*09/09/14 19:13*	*1*
Tetrachloro-m-xylene	*91*		*22 - 134*	*09/09/14 13:16*	*09/09/14 19:13*	*1*

Client Sample ID: Comp 6-3F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-9
Matrix: Solid
Percent Solids: 11.3

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1000**		440	260	mg/Kg	☼		09/10/14 15:00	5
Sulfate	260	U	440	260	mg/Kg	☼		09/10/14 15:00	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.40	U	0.80	0.40	mg/Kg	☼	09/02/14 08:55	09/08/14 22:56	1
Arsenic	**7.2**		2.0	0.80	mg/Kg	☼	09/02/14 08:55	09/08/14 22:56	1
Barium	**61**		4.0	1.0	mg/Kg	☼	09/02/14 08:55	09/08/14 22:56	1
Beryllium	**0.72**		0.40	0.20	mg/Kg	☼	09/02/14 08:55	09/08/14 22:56	1
Cadmium	**0.71**		0.40	0.096	mg/Kg	☼	09/02/14 08:55	09/08/14 22:56	1
Chromium	**45**		4.0	2.0	mg/Kg	☼	09/02/14 08:55	09/08/14 22:56	1
Copper	**50**		4.0	1.6	mg/Kg	☼	09/02/14 08:55	09/08/14 22:56	1
Sodium	**1200**		200	130	mg/Kg	☼	09/02/14 08:55	09/08/14 22:56	1
Nickel	**17**		4.0	2.0	mg/Kg	☼	09/02/14 08:55	09/08/14 22:56	1
Lead	**110**		1.6	0.80	mg/Kg	☼	09/02/14 08:55	09/08/14 22:56	1
Antimony	4.0	U	8.0	4.0	mg/Kg	☼	09/02/14 08:55	09/08/14 22:56	1
Selenium	**5.6**		4.0	2.0	mg/Kg	☼	09/02/14 08:55	09/08/14 22:56	1
Thallium	0.20	U	0.80	0.20	mg/Kg	☼	09/02/14 08:55	09/08/14 22:56	1
Zinc	**140**		16	4.4	mg/Kg	☼	09/02/14 08:55	09/08/14 22:56	1

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/08/14 08:29	09/12/14 22:17	1
Arsenic	**9.5**		2.5	2.5	ug/L		09/08/14 08:29	09/12/14 22:17	1
Barium	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 22:17	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/08/14 08:29	09/12/14 22:17	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/08/14 08:29	09/12/14 22:17	1
Chromium	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 22:17	1
Copper	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 22:17	1
Nickel	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 22:17	1
Lead	1.5	U	1.5	1.5	ug/L		09/08/14 08:29	09/12/14 22:17	1
Antimony	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 22:17	1
Selenium	2.5	U	2.5	2.5	ug/L		09/08/14 08:29	09/12/14 22:17	1
Thallium	1.0	U	1.0	1.0	ug/L		09/08/14 08:29	09/12/14 22:17	1
Zinc	20	U	20	20	ug/L		09/08/14 08:29	09/12/14 22:17	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/08/14 12:25	09/09/14 11:44	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.30**		0.16	0.067	mg/Kg	☼	09/04/14 10:18	09/05/14 11:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**190**		13	5.7	mg/Kg	☼	09/05/14 13:59	09/06/14 12:23	5
Total Kjeldahl Nitrogen	**15000**		4100	2500	mg/Kg	☼	09/09/14 16:23	09/10/14 12:33	10
Total Phosphorus as P	**1500**		160	91	mg/Kg	☼	09/09/14 16:23	09/10/14 11:38	1
Cyanide, Total	1.8	U	4.4	1.8	mg/Kg	☼	09/02/14 08:00	09/02/14 12:20	1
Phenolics, Total Recoverable	5.3	U	21	5.3	mg/Kg	☼	09/02/14 08:59	09/02/14 15:38	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 6-3F

Lab Sample ID: 660-62560-9
Date Collected: 08/29/14 12:00
Matrix: Solid
Date Received: 08/29/14 13:53
Percent Solids: 11.3

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	170		18	4.8	mg/Kg	☼		09/03/14 16:31	1

Client Sample ID: Comp 7-1F

Lab Sample ID: 660-62560-10
Date Collected: 08/29/14 12:00
Matrix: Solid
Date Received: 08/29/14 13:53
Percent Solids: 18.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.13	U	0.53	0.13	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
Acrylonitrile	0.18	U	0.53	0.18	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
Benzene	0.0039	U	0.027	0.0039	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
Bromoform	0.0080	U	0.027	0.0080	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
Bromomethane	0.0080	U	0.027	0.0080	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
Carbon tetrachloride	0.0044	U	0.027	0.0044	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
Chlorobenzene	0.0051	U	0.027	0.0051	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
Chloroethane	0.014	U	0.027	0.014	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
Chloroform	0.0058	U	0.027	0.0058	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
Chloromethane	0.0053	U	0.027	0.0053	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
Dibromochloromethane	0.0090	U	0.027	0.0090	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
1,2-Dichlorobenzene	0.0069	U	0.027	0.0069	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
1,3-Dichlorobenzene	0.0085	U	0.027	0.0085	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
1,4-Dichlorobenzene	0.0039	U	0.027	0.0039	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
Dichlorodifluoromethane	0.0050	U	0.027	0.0050	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
1,1-Dichloroethane	0.0058	U	0.027	0.0058	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
1,2-Dichloroethane	0.0058	U	0.027	0.0058	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
cis-1,2-Dichloroethene	0.0074	U	0.027	0.0074	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
trans-1,2-Dichloroethene	0.0033	U	0.027	0.0033	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
1,1-Dichloroethene	0.0080	U	0.027	0.0080	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
1,2-Dichloropropane	0.0046	U	0.027	0.0046	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
cis-1,3-Dichloropropene	0.0044	U	0.027	0.0044	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
trans-1,3-Dichloropropene	0.0046	U	0.027	0.0046	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
Ethylbenzene	0.0069	U	0.027	0.0069	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
Methylene Chloride	0.0052	J3 U	0.027	0.0052	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
Methyl tert-butyl ether	0.0053	U	0.053	0.0053	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
Tetrachloroethene	0.010	U	0.027	0.010	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
Toluene	0.0045	U	0.027	0.0045	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
1,2,4-Trichlorobenzene	0.0047	U	0.027	0.0047	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
1,1,1-Trichloroethane	0.0031	U	0.027	0.0031	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
1,1,2-Trichloroethane	0.0069	U	0.027	0.0069	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
Trichloroethene	0.0069	U	0.027	0.0069	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
Vinyl chloride	0.0080	U	0.027	0.0080	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1
Xylenes, Total	0.0058	U	0.053	0.0058	mg/Kg	☼	09/02/14 19:27	09/03/14 00:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*65 - 130*	*09/02/14 19:27*	*09/03/14 00:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*65 - 130*	*09/02/14 19:27*	*09/03/14 00:32*	*1*
4-Bromofluorobenzene (Surr)	*112*		*65 - 130*	*09/02/14 19:27*	*09/03/14 00:32*	*1*
Toluene-d8 (Surr)	*98*		*65 - 130*	*09/02/14 19:27*	*09/03/14 00:32*	*1*

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 7-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-10
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	U	20	20	ug/L			09/11/14 18:04	1
Acrylonitrile	20	U	20	20	ug/L			09/11/14 18:04	1
Benzene	1.0	U	1.0	1.0	ug/L			09/11/14 18:04	1
Bromoform	1.0	U	1.0	1.0	ug/L			09/11/14 18:04	1
Bromomethane	5.0	U	5.0	5.0	ug/L			09/11/14 18:04	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			09/11/14 18:04	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			09/11/14 18:04	1
Chloroethane	5.0	U	5.0	5.0	ug/L			09/11/14 18:04	1
Chloroform	1.0	U	1.0	1.0	ug/L			09/11/14 18:04	1
Chloromethane	1.0	U	1.0	1.0	ug/L			09/11/14 18:04	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			09/11/14 18:04	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/11/14 18:04	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/11/14 18:04	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/11/14 18:04	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			09/11/14 18:04	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/11/14 18:04	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/11/14 18:04	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/11/14 18:04	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/11/14 18:04	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/11/14 18:04	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			09/11/14 18:04	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/11/14 18:04	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/11/14 18:04	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			09/11/14 18:04	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			09/11/14 18:04	1
Methyl tert-butyl ether	10	U	10	10	ug/L			09/11/14 18:04	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			09/11/14 18:04	1
Toluene	1.0	U	1.0	1.0	ug/L			09/11/14 18:04	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			09/11/14 18:04	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/11/14 18:04	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/11/14 18:04	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			09/11/14 18:04	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			09/11/14 18:04	1
Xylenes, Total	2.0	U	2.0	2.0	ug/L			09/11/14 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*09/11/14 18:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 130*		*09/11/14 18:04*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*09/11/14 18:04*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*09/11/14 18:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.22	U	1.8	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Acenaphthylene	0.19	U	1.8	0.19	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Anthracene	0.14	U	1.8	0.14	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Benzo[a]anthracene	0.15	U	1.8	0.15	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Benzo[a]pyrene	0.28	U	1.8	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Benzo[b]fluoranthene	0.21	U	1.8	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Benzo[g,h,i]perylene	0.12	U	1.8	0.12	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 7-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-10
Matrix: Solid
Percent Solids: 18.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.35	U	1.8	0.35	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Bis(2-chloroethoxy)methane	0.21	U	1.8	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Bis(2-chloroethyl)ether	0.24	U	1.8	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
bis (2-chloroisopropyl) ether	0.16	U	1.8	0.16	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Bis(2-ethylhexyl) phthalate	**0.18**	**I**	1.8	0.16	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
4-Bromophenyl phenyl ether	0.19	U	1.8	0.19	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Butyl benzyl phthalate	0.14	U	1.8	0.14	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
4-Chloroaniline	0.28	U	3.6	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
4-Chloro-3-methylphenol	0.19	U	1.8	0.19	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
2-Chloronaphthalene	0.19	U	1.8	0.19	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
2-Chlorophenol	0.22	U	1.8	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
4-Chlorophenyl phenyl ether	0.24	U	1.8	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Chrysene	0.11	U	1.8	0.11	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Dibenz(a,h)anthracene	0.21	U	1.8	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Dibenzofuran	0.18	U	1.8	0.18	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
3,3'-Dichlorobenzidine	0.15	U	3.6	0.15	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
2,4-Dichlorophenol	0.19	U	1.8	0.19	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Diethyl phthalate	0.20	U	1.8	0.20	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
2,4-Dimethylphenol	0.24	U	1.8	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Dimethyl phthalate	0.18	U	1.8	0.18	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Di-n-butyl phthalate	0.16	U	1.8	0.16	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
4,6-Dinitro-2-methylphenol	0.92	U	9.2	0.92	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
2,4-Dinitrophenol	4.5	U	9.2	4.5	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
2,4-Dinitrotoluene	0.26	U	1.8	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
2,6-Dinitrotoluene	0.23	U	1.8	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Di-n-octyl phthalate	0.16	U	1.8	0.16	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
1,2-Diphenylhydrazine(as Azobenzene)	0.18	U	1.8	0.18	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Fluoranthene	0.17	U	1.8	0.17	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Fluorene	0.19	U	1.8	0.19	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Hexachlorobenzene	0.21	U	1.8	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Hexachlorobutadiene	0.19	U	1.8	0.19	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Hexachlorocyclopentadiene	0.22	U	1.8	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Hexachloroethane	0.15	U	1.8	0.15	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Indeno[1,2,3-cd]pyrene	0.15	U	1.8	0.15	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Isophorone	0.18	U	1.8	0.18	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
1-Methylnaphthalene	0.17	U	1.8	0.17	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
2-Methylnaphthalene	0.21	U	1.8	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Naphthalene	0.16	U	1.8	0.16	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Nitrobenzene	0.14	U	1.8	0.14	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
2-Nitrophenol	0.22	U	1.8	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
4-Nitrophenol	1.8	U	9.2	1.8	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
N-Nitrosodimethylamine	0.65	U	1.8	0.65	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
N-Nitrosodi-n-propylamine	0.17	U	1.8	0.17	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
N-Nitrosodiphenylamine	0.18	U	1.8	0.18	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Pentachlorophenol	1.8	U	9.2	1.8	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Phenanthrene	0.15	U	1.8	0.15	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Phenol	0.18	U	1.8	0.18	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
Pyrene	0.15	U	1.8	0.15	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1
2,4,6-Trichlorophenol	0.16	U	1.8	0.16	mg/Kg	☼	09/03/14 13:30	09/10/14 20:14	1

Client Sample ID: Comp 7-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-10
Matrix: Solid
Percent Solids: 18.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	64		41 - 116	09/03/14 13:30	09/10/14 20:14	1
2-Fluorophenol (Surr)	65		39 - 114	09/03/14 13:30	09/10/14 20:14	1
Nitrobenzene-d5 (Surr)	66		37 - 115	09/03/14 13:30	09/10/14 20:14	1
Phenol-d5 (Surr)	65		38 - 122	09/03/14 13:30	09/10/14 20:14	1
Terphenyl-d14 (Surr)	64		46 - 126	09/03/14 13:30	09/10/14 20:14	1
2,4,6-Tribromophenol (Surr)	72		45 - 129	09/03/14 13:30	09/10/14 20:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 21:06	1
Acenaphthylene	0.85	U	10	0.85	ug/L		09/09/14 19:00	09/12/14 21:06	1
Anthracene	0.86	U	10	0.86	ug/L		09/09/14 19:00	09/12/14 21:06	1
Benzo[a]anthracene	0.88	U	10	0.88	ug/L		09/09/14 19:00	09/12/14 21:06	1
Benzo[a]pyrene	0.89	U	10	0.89	ug/L		09/09/14 19:00	09/12/14 21:06	1
Benzo[b]fluoranthene	0.80	U	10	0.80	ug/L		09/09/14 19:00	09/12/14 21:06	1
Benzo[g,h,i]perylene	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 21:06	1
Benzo[k]fluoranthene	0.86	U	10	0.86	ug/L		09/09/14 19:00	09/12/14 21:06	1
Bis(2-chloroethoxy)methane	0.96	U	10	0.96	ug/L		09/09/14 19:00	09/12/14 21:06	1
Bis(2-chloroethyl)ether	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 21:06	1
bis (2-chloroisopropyl) ether	1.1	U	10	1.1	ug/L		09/09/14 19:00	09/12/14 21:06	1
Bis(2-ethylhexyl) phthalate	2.5	U	10	2.5	ug/L		09/09/14 19:00	09/12/14 21:06	1
4-Bromophenyl phenyl ether	0.97	U	10	0.97	ug/L		09/09/14 19:00	09/12/14 21:06	1
Butyl benzyl phthalate	0.98	U	10	0.98	ug/L		09/09/14 19:00	09/12/14 21:06	1
4-Chloroaniline	1.7	U	20	1.7	ug/L		09/09/14 19:00	09/12/14 21:06	1
4-Chloro-3-methylphenol	1.1	U	10	1.1	ug/L		09/09/14 19:00	09/12/14 21:06	1
2-Chloronaphthalene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 21:06	1
2-Chlorophenol	1.6	U	10	1.6	ug/L		09/09/14 19:00	09/12/14 21:06	1
4-Chlorophenyl phenyl ether	1.5	U	10	1.5	ug/L		09/09/14 19:00	09/12/14 21:06	1
Chrysene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 21:06	1
Dibenz(a,h)anthracene	2.3	U	10	2.3	ug/L		09/09/14 19:00	09/12/14 21:06	1
Dibenzofuran	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 21:06	1
3,3'-Dichlorobenzidine	6.8	U	20	6.8	ug/L		09/09/14 19:00	09/12/14 21:06	1
2,4-Dichlorophenol	3.3	U	10	3.3	ug/L		09/09/14 19:00	09/12/14 21:06	1
Diethyl phthalate	0.90	J3 U	10	0.90	ug/L		09/09/14 19:00	09/12/14 21:06	1
2,4-Dimethylphenol	3.8	U	10	3.8	ug/L		09/09/14 19:00	09/12/14 21:06	1
Dimethyl phthalate	1.3	U	10	1.3	ug/L		09/09/14 19:00	09/12/14 21:06	1
Di-n-butyl phthalate	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 21:06	1
4,6-Dinitro-2-methylphenol	1.0	U	50	1.0	ug/L		09/09/14 19:00	09/12/14 21:06	1
2,4-Dinitrophenol	3.1	U	50	3.1	ug/L		09/09/14 19:00	09/12/14 21:06	1
2,4-Dinitrotoluene	1.7	U	10	1.7	ug/L		09/09/14 19:00	09/12/14 21:06	1
2,6-Dinitrotoluene	2.1	U	10	2.1	ug/L		09/09/14 19:00	09/12/14 21:06	1
Di-n-octyl phthalate	2.0	U	10	2.0	ug/L		09/09/14 19:00	09/12/14 21:06	1
1,2-Diphenylhydrazine(as Azobenzene)	0.99	U	10	0.99	ug/L		09/09/14 19:00	09/12/14 21:06	1
Fluoranthene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 21:06	1
Fluorene	0.90	U	10	0.90	ug/L		09/09/14 19:00	09/12/14 21:06	1
Hexachlorobenzene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 21:06	1
Hexachlorobutadiene	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 21:06	1
Hexachlorocyclopentadiene	2.1	U	10	2.1	ug/L		09/09/14 19:00	09/12/14 21:06	1
Hexachloroethane	4.5	U	10	4.5	ug/L		09/09/14 19:00	09/12/14 21:06	1

Client Sample ID: Comp 7-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-10
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	2.4	U	10	2.4	ug/L		09/09/14 19:00	09/12/14 21:06	1
Isophorone	0.85	U	10	0.85	ug/L		09/09/14 19:00	09/12/14 21:06	1
2-Methylnaphthalene	1.5	U	10	1.5	ug/L		09/09/14 19:00	09/12/14 21:06	1
1-Methylnaphthalene	2.6	U	10	2.6	ug/L		09/09/14 19:00	09/12/14 21:06	1
Naphthalene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 21:06	1
Nitrobenzene	1.6	U	10	1.6	ug/L		09/09/14 19:00	09/12/14 21:06	1
2-Nitrophenol	0.96	U	10	0.96	ug/L		09/09/14 19:00	09/12/14 21:06	1
4-Nitrophenol	2.1	U	50	2.1	ug/L		09/09/14 19:00	09/12/14 21:06	1
N-Nitrosodimethylamine	2.4	U	10	2.4	ug/L		09/09/14 19:00	09/12/14 21:06	1
N-Nitrosodi-n-propylamine	0.93	U	10	0.93	ug/L		09/09/14 19:00	09/12/14 21:06	1
N-Nitrosodiphenylamine	0.62	U	10	0.62	ug/L		09/09/14 19:00	09/12/14 21:06	1
Pentachlorophenol	1.1	U	50	1.1	ug/L		09/09/14 19:00	09/12/14 21:06	1
Phenanthrene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 21:06	1
Phenol	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 21:06	1
Pyrene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 21:06	1
2,4,6-Trichlorophenol	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*48 - 124*	*09/09/14 19:00*	*09/12/14 21:06*	*1*
2-Fluorobiphenyl	*78*		*24 - 113*	*09/09/14 19:00*	*09/12/14 21:06*	*1*
2-Fluorophenol (Surr)	*73*		*12 - 105*	*09/09/14 19:00*	*09/12/14 21:06*	*1*
Terphenyl-d14 (Surr)	*54*		*36 - 127*	*09/09/14 19:00*	*09/12/14 21:06*	*1*
Phenol-d5 (Surr)	*73*		*17 - 111*	*09/09/14 19:00*	*09/12/14 21:06*	*1*
Nitrobenzene-d5 (Surr)	*77*		*26 - 107*	*09/09/14 19:00*	*09/12/14 21:06*	*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	0.00098	U	0.0092	0.00098	mg/Kg	☼	09/03/14 09:38	09/06/14 01:47	1
4,4'-DDE	**0.0036**	**I**	0.0092	0.00098	mg/Kg	☼	09/03/14 09:38	09/06/14 01:47	1
4,4'-DDT	0.012	U	0.092	0.012	mg/Kg	☼	09/03/14 09:38	09/06/14 01:22	10
Aldrin	0.00081	U	0.0092	0.00081	mg/Kg	☼	09/03/14 09:38	09/06/14 01:47	1
alpha-BHC	0.00076	U	0.0092	0.00076	mg/Kg	☼	09/03/14 09:38	09/06/14 01:47	1
beta-BHC	0.0018	U	0.0092	0.0018	mg/Kg	☼	09/03/14 09:38	09/06/14 01:47	1
Chlordane (technical)	0.016	U	0.092	0.016	mg/Kg	☼	09/03/14 09:38	09/06/14 01:47	1
delta-BHC	0.0010	U	0.0092	0.0010	mg/Kg	☼	09/03/14 09:38	09/06/14 01:47	1
Dieldrin	0.00092	U	0.0092	0.00092	mg/Kg	☼	09/03/14 09:38	09/06/14 01:47	1
Endosulfan I	0.00092	U	0.0092	0.00092	mg/Kg	☼	09/03/14 09:38	09/06/14 01:47	1
Endosulfan II	0.00081	U	0.0092	0.00081	mg/Kg	☼	09/03/14 09:38	09/06/14 01:47	1
Endosulfan sulfate	0.0011	U	0.0092	0.0011	mg/Kg	☼	09/03/14 09:38	09/06/14 01:47	1
Endrin	0.0012	U	0.0092	0.0012	mg/Kg	☼	09/03/14 09:38	09/06/14 01:47	1
Endrin aldehyde	0.0012	U	0.0092	0.0012	mg/Kg	☼	09/03/14 09:38	09/06/14 01:47	1
Endrin ketone	0.011	U	0.092	0.011	mg/Kg	☼	09/03/14 09:38	09/06/14 01:22	10
gamma-BHC (Lindane)	0.00076	U	0.0092	0.00076	mg/Kg	☼	09/03/14 09:38	09/06/14 01:47	1
Heptachlor	0.010	U	0.092	0.010	mg/Kg	☼	09/03/14 09:38	09/06/14 01:22	10
Heptachlor epoxide	0.00087	U	0.0092	0.00087	mg/Kg	☼	09/03/14 09:38	09/06/14 01:47	1
Methoxychlor	0.015	U	0.092	0.015	mg/Kg	☼	09/03/14 09:38	09/06/14 01:22	10
Toxaphene	0.30	U	9.2	0.30	mg/Kg	☼	09/03/14 09:38	09/06/14 01:22	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*29*	*J1*	*54 - 133*	*09/03/14 09:38*	*09/06/14 01:47*	*1*

Client Sample ID: Comp 7-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-10
Matrix: Solid
Percent Solids: 18.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*25*	*J1*	*46 - 130*	*09/03/14 09:38*	*09/06/14 01:47*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 19:27	1
4,4'-DDE	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 19:27	1
4,4'-DDT	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 19:27	1
Aldrin	0.0020	U	0.049	0.0020	ug/L		09/09/14 13:16	09/09/14 19:27	1
alpha-BHC	0.0059	U	0.049	0.0059	ug/L		09/09/14 13:16	09/09/14 19:27	1
beta-BHC	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 19:27	1
delta-BHC	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 19:27	1
Dieldrin	0.0020	U	0.098	0.0020	ug/L		09/09/14 13:16	09/09/14 19:27	1
Endosulfan I	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 19:27	1
Endosulfan II	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 19:27	1
Endosulfan sulfate	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 19:27	1
Endrin	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 19:27	1
Endrin aldehyde	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 19:27	1
Endrin ketone	0.013	U	0.098	0.013	ug/L		09/09/14 13:16	09/09/14 19:27	1
gamma-BHC (Lindane)	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 19:27	1
Heptachlor	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 19:27	1
Heptachlor epoxide	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/09/14 19:27	1
Methoxychlor	0.013	U	0.49	0.013	ug/L		09/09/14 13:16	09/09/14 19:27	1
Chlordane (technical)	0.33	U	0.98	0.33	ug/L		09/09/14 13:16	09/09/14 19:27	1
Toxaphene	0.66	U	4.9	0.66	ug/L		09/09/14 13:16	09/09/14 19:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*26*		*20 - 142*	*09/09/14 13:16*	*09/09/14 19:27*	*1*
Tetrachloro-m-xylene	*100*		*22 - 134*	*09/09/14 13:16*	*09/09/14 19:27*	*1*

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1100**		270	160	mg/Kg	☼		09/10/14 15:15	5
Sulfate	**360**		270	160	mg/Kg	☼		09/10/14 15:15	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.40**	**I**	0.53	0.27	mg/Kg	☼	09/02/14 08:55	09/08/14 23:01	1
Arsenic	**6.9**		1.3	0.53	mg/Kg	☼	09/02/14 08:55	09/08/14 23:01	1
Barium	**57**		2.7	0.69	mg/Kg	☼	09/02/14 08:55	09/08/14 23:01	1
Beryllium	**0.93**		0.27	0.13	mg/Kg	☼	09/02/14 08:55	09/08/14 23:01	1
Cadmium	**0.60**		0.27	0.064	mg/Kg	☼	09/02/14 08:55	09/08/14 23:01	1
Chromium	**43**		2.7	1.3	mg/Kg	☼	09/02/14 08:55	09/08/14 23:01	1
Copper	**27**		2.7	1.1	mg/Kg	☼	09/02/14 08:55	09/08/14 23:01	1
Sodium	**1600**		130	85	mg/Kg	☼	09/02/14 08:55	09/08/14 23:01	1
Nickel	**15**		2.7	1.3	mg/Kg	☼	09/02/14 08:55	09/08/14 23:01	1
Lead	**72**		1.1	0.53	mg/Kg	☼	09/02/14 08:55	09/08/14 23:01	1
Antimony	2.7	U	5.3	2.7	mg/Kg	☼	09/02/14 08:55	09/08/14 23:01	1
Selenium	**4.5**		2.7	1.3	mg/Kg	☼	09/02/14 08:55	09/08/14 23:01	1
Thallium	**0.16**	**I**	0.53	0.13	mg/Kg	☼	09/02/14 08:55	09/08/14 23:01	1
Zinc	**110**		11	2.9	mg/Kg	☼	09/02/14 08:55	09/08/14 23:01	1

Client Sample ID: Comp 7-1F

Lab Sample ID: 660-62560-10

Date Collected: 08/29/14 12:00

Matrix: Solid

Date Received: 08/29/14 13:53

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/08/14 08:29	09/12/14 22:25	1
Arsenic	**17**		2.5	2.5	ug/L		09/08/14 08:29	09/12/14 22:25	1
Barium	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 22:25	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/08/14 08:29	09/12/14 22:25	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/08/14 08:29	09/12/14 22:25	1
Chromium	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 22:25	1
Copper	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 22:25	1
Nickel	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 22:25	1
Lead	1.5	U	1.5	1.5	ug/L		09/08/14 08:29	09/12/14 22:25	1
Antimony	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 22:25	1
Selenium	2.5	U	2.5	2.5	ug/L		09/08/14 08:29	09/12/14 22:25	1
Thallium	1.0	U	1.0	1.0	ug/L		09/08/14 08:29	09/12/14 22:25	1
Zinc	20	U	20	20	ug/L		09/08/14 08:29	09/12/14 22:25	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/08/14 12:25	09/09/14 11:47	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.24**		0.093	0.038	mg/Kg	☼	09/04/14 10:18	09/05/14 12:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**120**		8.1	3.5	mg/Kg	☼	09/05/14 13:59	09/06/14 12:23	5
Total Kjeldahl Nitrogen	**8400**		2400	1400	mg/Kg	☼	09/09/14 16:23	09/10/14 12:34	10
Total Phosphorus as P	**1500**		95	52	mg/Kg	☼	09/09/14 16:23	09/10/14 11:39	1
Cyanide, Total	1.1	U	2.7	1.1	mg/Kg	☼	09/02/14 08:00	09/02/14 12:21	1
Phenolics, Total Recoverable	3.3	U	13	3.3	mg/Kg	☼	09/02/14 08:59	09/02/14 15:38	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	3.0	U	11	3.0	mg/Kg	☼		09/03/14 16:32	1

Client Sample ID: Comp 7-2F

Lab Sample ID: 660-62560-11

Date Collected: 08/29/14 12:00

Matrix: Solid

Date Received: 08/29/14 13:53

Percent Solids: 12.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.19	U	0.77	0.19	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
Acrylonitrile	0.26	U	0.77	0.26	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
Benzene	0.0056	U	0.039	0.0056	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
Bromoform	0.012	U	0.039	0.012	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
Bromomethane	0.012	U	0.039	0.012	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
Carbon tetrachloride	0.0064	U	0.039	0.0064	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
Chlorobenzene	0.0074	U	0.039	0.0074	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
Chloroethane	0.021	U	0.039	0.021	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
Chloroform	0.0085	U	0.039	0.0085	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
Chloromethane	0.0077	U	0.039	0.0077	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
Dibromochloromethane	0.013	U	0.039	0.013	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1

Client Sample ID: Comp 7-2F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-11
Matrix: Solid
Percent Solids: 12.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	0.010	U	0.039	0.010	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
1,3-Dichlorobenzene	0.012	U	0.039	0.012	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
1,4-Dichlorobenzene	0.0057	U	0.039	0.0057	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
Dichlorodifluoromethane	0.0072	U	0.039	0.0072	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
1,1-Dichloroethane	0.0085	U	0.039	0.0085	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
1,2-Dichloroethane	0.0085	U	0.039	0.0085	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
cis-1,2-Dichloroethene	0.011	U	0.039	0.011	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
trans-1,2-Dichloroethene	0.0049	U	0.039	0.0049	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
1,1-Dichloroethene	0.012	U	0.039	0.012	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
1,2-Dichloropropane	0.0066	U	0.039	0.0066	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
cis-1,3-Dichloropropene	0.0064	U	0.039	0.0064	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
trans-1,3-Dichloropropene	0.0067	U	0.039	0.0067	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
Ethylbenzene	0.010	U	0.039	0.010	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
Methylene Chloride	0.0076	J3 U	0.039	0.0076	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
Methyl tert-butyl ether	0.0077	U	0.077	0.0077	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
Tetrachloroethene	0.015	U	0.039	0.015	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
Toluene	0.0065	U	0.039	0.0065	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
1,2,4-Trichlorobenzene	0.0069	U	0.039	0.0069	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
1,1,1-Trichloroethane	0.0045	U	0.039	0.0045	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
1,1,2-Trichloroethane	0.010	U	0.039	0.010	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
Trichloroethene	0.010	U	0.039	0.010	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
Vinyl chloride	0.012	U	0.039	0.012	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1
Xylenes, Total	0.0085	U	0.077	0.0085	mg/Kg	☼	09/02/14 19:27	09/03/14 00:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*65 - 130*	*09/02/14 19:27*	*09/03/14 00:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*65 - 130*	*09/02/14 19:27*	*09/03/14 00:53*	*1*
4-Bromofluorobenzene (Surr)	*109*		*65 - 130*	*09/02/14 19:27*	*09/03/14 00:53*	*1*
Toluene-d8 (Surr)	*98*		*65 - 130*	*09/02/14 19:27*	*09/03/14 00:53*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	J3 U	20	20	ug/L			09/12/14 17:03	1
Acrylonitrile	20	U	20	20	ug/L			09/12/14 17:03	1
Benzene	1.0	U	1.0	1.0	ug/L			09/12/14 17:03	1
Bromoform	1.0	U	1.0	1.0	ug/L			09/12/14 17:03	1
Bromomethane	5.0	J3 U	5.0	5.0	ug/L			09/12/14 17:03	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			09/12/14 17:03	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 17:03	1
Chloroethane	5.0	U	5.0	5.0	ug/L			09/12/14 17:03	1
Chloroform	1.0	U	1.0	1.0	ug/L			09/12/14 17:03	1
Chloromethane	1.0	U	1.0	1.0	ug/L			09/12/14 17:03	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			09/12/14 17:03	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 17:03	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 17:03	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 17:03	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			09/12/14 17:03	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 17:03	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 17:03	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 17:03	1

Client Sample ID: Comp 7-2F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-11
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 17:03	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 17:03	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			09/12/14 17:03	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/12/14 17:03	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/12/14 17:03	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			09/12/14 17:03	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			09/12/14 17:03	1
Methyl tert-butyl ether	10	U	10	10	ug/L			09/12/14 17:03	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 17:03	1
Toluene	1.0	U	1.0	1.0	ug/L			09/12/14 17:03	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			09/12/14 17:03	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 17:03	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 17:03	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 17:03	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			09/12/14 17:03	1
Xylenes, Total	2.0	U	2.0	2.0	ug/L			09/12/14 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*112*		*70 - 130*		*09/12/14 17:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*		*09/12/14 17:03*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*09/12/14 17:03*	*1*
Toluene-d8 (Surr)	*89*		*70 - 130*		*09/12/14 17:03*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.32	U	2.6	0.32	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Acenaphthylene	0.28	U	2.6	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Anthracene	0.20	U	2.6	0.20	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Benzo[a]anthracene	0.21	U	2.6	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Benzo[a]pyrene	0.41	U	2.6	0.41	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Benzo[b]fluoranthene	0.30	U	2.6	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Benzo[g,h,i]perylene	0.17	U	2.6	0.17	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Benzo[k]fluoranthene	0.51	U	2.6	0.51	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Bis(2-chloroethoxy)methane	0.30	U	2.6	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Bis(2-chloroethyl)ether	0.35	U	2.6	0.35	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
bis (2-chloroisopropyl) ether	0.23	U	2.6	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Bis(2-ethylhexyl) phthalate	0.23	U	2.6	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
4-Bromophenyl phenyl ether	0.28	U	2.6	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Butyl benzyl phthalate	0.20	U	2.6	0.20	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
4-Chloroaniline	0.41	U	5.2	0.41	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
4-Chloro-3-methylphenol	0.27	U	2.6	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
2-Chloronaphthalene	0.27	U	2.6	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
2-Chlorophenol	0.31	U	2.6	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
4-Chlorophenyl phenyl ether	0.34	U	2.6	0.34	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Chrysene	0.16	U	2.6	0.16	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Dibenz(a,h)anthracene	0.30	U	2.6	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Dibenzofuran	0.26	U	2.6	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
3,3'-Dichlorobenzidine	0.22	U	5.2	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
2,4-Dichlorophenol	0.27	U	2.6	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Diethyl phthalate	0.29	U	2.6	0.29	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1

Client Sample ID: Comp 7-2F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-11
Matrix: Solid
Percent Solids: 12.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	0.34	U	2.6	0.34	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Dimethyl phthalate	0.27	U	2.6	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Di-n-butyl phthalate	0.23	U	2.6	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
4,6-Dinitro-2-methylphenol	1.3	U	13	1.3	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
2,4-Dinitrophenol	6.5	U	13	6.5	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
2,4-Dinitrotoluene	0.38	U	2.6	0.38	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
2,6-Dinitrotoluene	0.33	U	2.6	0.33	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Di-n-octyl phthalate	0.23	U	2.6	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
1,2-Diphenylhydrazine(as Azobenzene)	0.27	U	2.6	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Fluoranthene	0.25	U	2.6	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Fluorene	0.28	U	2.6	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Hexachlorobenzene	0.30	U	2.6	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Hexachlorobutadiene	0.28	U	2.6	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Hexachlorocyclopentadiene	0.32	U	2.6	0.32	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Hexachloroethane	0.22	U	2.6	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Indeno[1,2,3-cd]pyrene	0.22	U	2.6	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Isophorone	0.26	U	2.6	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
1-Methylnaphthalene	0.24	U	2.6	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
2-Methylnaphthalene	0.30	U	2.6	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Naphthalene	0.23	U	2.6	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Nitrobenzene	0.20	U	2.6	0.20	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
2-Nitrophenol	0.32	U	2.6	0.32	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
4-Nitrophenol	2.6	U	13	2.6	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
N-Nitrosodimethylamine	0.94	U	2.6	0.94	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
N-Nitrosodi-n-propylamine	0.25	U	2.6	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
N-Nitrosodiphenylamine	0.26	U	2.6	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Pentachlorophenol	2.6	U	13	2.6	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Phenanthrene	0.21	U	2.6	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Phenol	0.27	U	2.6	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
Pyrene	0.21	U	2.6	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1
2,4,6-Trichlorophenol	0.23	U	2.6	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 20:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*47*		*41 - 116*	*09/03/14 13:30*	*09/10/14 20:39*	*1*
2-Fluorophenol (Surr)	*53*		*39 - 114*	*09/03/14 13:30*	*09/10/14 20:39*	*1*
Nitrobenzene-d5 (Surr)	*50*		*37 - 115*	*09/03/14 13:30*	*09/10/14 20:39*	*1*
Phenol-d5 (Surr)	*53*		*38 - 122*	*09/03/14 13:30*	*09/10/14 20:39*	*1*
Terphenyl-d14 (Surr)	*48*		*46 - 126*	*09/03/14 13:30*	*09/10/14 20:39*	*1*
2,4,6-Tribromophenol (Surr)	*57*		*45 - 129*	*09/03/14 13:30*	*09/10/14 20:39*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 21:36	1
Acenaphthylene	0.85	U	10	0.85	ug/L		09/09/14 19:00	09/12/14 21:36	1
Anthracene	0.86	U	10	0.86	ug/L		09/09/14 19:00	09/12/14 21:36	1
Benzo[a]anthracene	0.88	U	10	0.88	ug/L		09/09/14 19:00	09/12/14 21:36	1
Benzo[a]pyrene	0.89	U	10	0.89	ug/L		09/09/14 19:00	09/12/14 21:36	1
Benzo[b]fluoranthene	0.80	U	10	0.80	ug/L		09/09/14 19:00	09/12/14 21:36	1
Benzo[g,h,i]perylene	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 21:36	1

Client Sample ID: Comp 7-2F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-11
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.86	U	10	0.86	ug/L		09/09/14 19:00	09/12/14 21:36	1
Bis(2-chloroethoxy)methane	0.96	U	10	0.96	ug/L		09/09/14 19:00	09/12/14 21:36	1
Bis(2-chloroethyl)ether	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 21:36	1
bis (2-chloroisopropyl) ether	1.1	U	10	1.1	ug/L		09/09/14 19:00	09/12/14 21:36	1
Bis(2-ethylhexyl) phthalate	2.5	U	10	2.5	ug/L		09/09/14 19:00	09/12/14 21:36	1
4-Bromophenyl phenyl ether	0.97	U	10	0.97	ug/L		09/09/14 19:00	09/12/14 21:36	1
Butyl benzyl phthalate	0.98	U	10	0.98	ug/L		09/09/14 19:00	09/12/14 21:36	1
4-Chloroaniline	1.7	U	20	1.7	ug/L		09/09/14 19:00	09/12/14 21:36	1
4-Chloro-3-methylphenol	1.1	U	10	1.1	ug/L		09/09/14 19:00	09/12/14 21:36	1
2-Chloronaphthalene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 21:36	1
2-Chlorophenol	1.6	U	10	1.6	ug/L		09/09/14 19:00	09/12/14 21:36	1
4-Chlorophenyl phenyl ether	1.5	U	10	1.5	ug/L		09/09/14 19:00	09/12/14 21:36	1
Chrysene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 21:36	1
Dibenz(a,h)anthracene	2.3	U	10	2.3	ug/L		09/09/14 19:00	09/12/14 21:36	1
Dibenzofuran	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 21:36	1
3,3'-Dichlorobenzidine	6.8	U	20	6.8	ug/L		09/09/14 19:00	09/12/14 21:36	1
2,4-Dichlorophenol	3.3	U	10	3.3	ug/L		09/09/14 19:00	09/12/14 21:36	1
Diethyl phthalate	0.90	J3 U	10	0.90	ug/L		09/09/14 19:00	09/12/14 21:36	1
2,4-Dimethylphenol	3.8	U	10	3.8	ug/L		09/09/14 19:00	09/12/14 21:36	1
Dimethyl phthalate	1.3	U	10	1.3	ug/L		09/09/14 19:00	09/12/14 21:36	1
Di-n-butyl phthalate	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 21:36	1
4,6-Dinitro-2-methylphenol	1.0	U	50	1.0	ug/L		09/09/14 19:00	09/12/14 21:36	1
2,4-Dinitrophenol	3.1	U	50	3.1	ug/L		09/09/14 19:00	09/12/14 21:36	1
2,4-Dinitrotoluene	1.7	U	10	1.7	ug/L		09/09/14 19:00	09/12/14 21:36	1
2,6-Dinitrotoluene	2.1	U	10	2.1	ug/L		09/09/14 19:00	09/12/14 21:36	1
Di-n-octyl phthalate	2.0	U	10	2.0	ug/L		09/09/14 19:00	09/12/14 21:36	1
1,2-Diphenylhydrazine(as Azobenzene)	0.99	U	10	0.99	ug/L		09/09/14 19:00	09/12/14 21:36	1
Fluoranthene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 21:36	1
Fluorene	0.90	U	10	0.90	ug/L		09/09/14 19:00	09/12/14 21:36	1
Hexachlorobenzene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 21:36	1
Hexachlorobutadiene	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 21:36	1
Hexachlorocyclopentadiene	2.1	U	10	2.1	ug/L		09/09/14 19:00	09/12/14 21:36	1
Hexachloroethane	4.5	U	10	4.5	ug/L		09/09/14 19:00	09/12/14 21:36	1
Indeno[1,2,3-cd]pyrene	2.4	U	10	2.4	ug/L		09/09/14 19:00	09/12/14 21:36	1
Isophorone	0.85	U	10	0.85	ug/L		09/09/14 19:00	09/12/14 21:36	1
2-Methylnaphthalene	1.5	U	10	1.5	ug/L		09/09/14 19:00	09/12/14 21:36	1
1-Methylnaphthalene	2.6	U	10	2.6	ug/L		09/09/14 19:00	09/12/14 21:36	1
Naphthalene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 21:36	1
Nitrobenzene	1.6	U	10	1.6	ug/L		09/09/14 19:00	09/12/14 21:36	1
2-Nitrophenol	0.96	U	10	0.96	ug/L		09/09/14 19:00	09/12/14 21:36	1
4-Nitrophenol	2.1	U	50	2.1	ug/L		09/09/14 19:00	09/12/14 21:36	1
N-Nitrosodimethylamine	2.4	U	10	2.4	ug/L		09/09/14 19:00	09/12/14 21:36	1
N-Nitrosodi-n-propylamine	0.93	U	10	0.93	ug/L		09/09/14 19:00	09/12/14 21:36	1
N-Nitrosodiphenylamine	0.62	U	10	0.62	ug/L		09/09/14 19:00	09/12/14 21:36	1
Pentachlorophenol	1.1	U	50	1.1	ug/L		09/09/14 19:00	09/12/14 21:36	1
Phenanthrene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 21:36	1
Phenol	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 21:36	1
Pyrene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 21:36	1
2,4,6-Trichlorophenol	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 21:36	1

Client Sample ID: Comp 7-2F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-11
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	*73*		*48 - 124*	*09/09/14 19:00*	*09/12/14 21:36*	*1*
2-Fluorobiphenyl	*72*		*24 - 113*	*09/09/14 19:00*	*09/12/14 21:36*	*1*
2-Fluorophenol (Surr)	*68*		*12 - 105*	*09/09/14 19:00*	*09/12/14 21:36*	*1*
Terphenyl-d14 (Surr)	*54*		*36 - 127*	*09/09/14 19:00*	*09/12/14 21:36*	*1*
Phenol-d5 (Surr)	*69*		*17 - 111*	*09/09/14 19:00*	*09/12/14 21:36*	*1*
Nitrobenzene-d5 (Surr)	*71*		*26 - 107*	*09/09/14 19:00*	*09/12/14 21:36*	*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	0.0014	U	0.013	0.0014	mg/Kg	☼	09/03/14 09:38	09/06/14 02:01	1
4,4'-DDE	**0.0016**	**I**	0.013	0.0014	mg/Kg	☼	09/03/14 09:38	09/06/14 02:01	1
4,4'-DDT	0.017	U	0.13	0.017	mg/Kg	☼	09/03/14 09:38	09/06/14 01:37	10
Aldrin	0.0012	U	0.013	0.0012	mg/Kg	☼	09/03/14 09:38	09/06/14 02:01	1
alpha-BHC	0.0011	U	0.013	0.0011	mg/Kg	☼	09/03/14 09:38	09/06/14 02:01	1
beta-BHC	0.0026	U	0.013	0.0026	mg/Kg	☼	09/03/14 09:38	09/06/14 02:01	1
Chlordane (technical)	0.023	U	0.13	0.023	mg/Kg	☼	09/03/14 09:38	09/06/14 02:01	1
delta-BHC	0.0015	U	0.013	0.0015	mg/Kg	☼	09/03/14 09:38	09/06/14 02:01	1
Dieldrin	0.0013	U	0.013	0.0013	mg/Kg	☼	09/03/14 09:38	09/06/14 02:01	1
Endosulfan I	0.0013	U	0.013	0.0013	mg/Kg	☼	09/03/14 09:38	09/06/14 02:01	1
Endosulfan II	0.0012	U	0.013	0.0012	mg/Kg	☼	09/03/14 09:38	09/06/14 02:01	1
Endosulfan sulfate	0.0016	U	0.013	0.0016	mg/Kg	☼	09/03/14 09:38	09/06/14 02:01	1
Endrin	0.0017	U	0.013	0.0017	mg/Kg	☼	09/03/14 09:38	09/06/14 02:01	1
Endrin aldehyde	0.0017	U	0.013	0.0017	mg/Kg	☼	09/03/14 09:38	09/06/14 02:01	1
Endrin ketone	0.016	U	0.13	0.016	mg/Kg	☼	09/03/14 09:38	09/06/14 01:37	10
gamma-BHC (Lindane)	0.0011	U	0.013	0.0011	mg/Kg	☼	09/03/14 09:38	09/06/14 02:01	1
Heptachlor	0.015	U	0.13	0.015	mg/Kg	☼	09/03/14 09:38	09/06/14 01:37	10
Heptachlor epoxide	0.0012	U	0.013	0.0012	mg/Kg	☼	09/03/14 09:38	09/06/14 02:01	1
Methoxychlor	0.022	U	0.13	0.022	mg/Kg	☼	09/03/14 09:38	09/06/14 01:37	10
Toxaphene	0.43	U	13	0.43	mg/Kg	☼	09/03/14 09:38	09/06/14 01:37	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*18*	*J1*	*54 - 133*	*09/03/14 09:38*	*09/06/14 02:01*	*1*
Tetrachloro-m-xylene	*20*	*J1*	*46 - 130*	*09/03/14 09:38*	*09/06/14 02:01*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	U	0.097	0.013	ug/L		09/09/14 13:16	09/10/14 13:33	1
4,4'-DDE	0.013	U	0.097	0.013	ug/L		09/09/14 13:16	09/10/14 13:33	1
4,4'-DDT	0.013	U	0.097	0.013	ug/L		09/09/14 13:16	09/10/14 13:33	1
Aldrin	0.0019	U	0.049	0.0019	ug/L		09/09/14 13:16	09/10/14 13:33	1
alpha-BHC	0.0058	U	0.049	0.0058	ug/L		09/09/14 13:16	09/10/14 13:33	1
beta-BHC	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/10/14 13:33	1
delta-BHC	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/10/14 13:33	1
Dieldrin	0.0019	U	0.097	0.0019	ug/L		09/09/14 13:16	09/10/14 13:33	1
Endosulfan I	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/10/14 13:33	1
Endosulfan II	0.013	U	0.097	0.013	ug/L		09/09/14 13:16	09/10/14 13:33	1
Endosulfan sulfate	0.013	U	0.097	0.013	ug/L		09/09/14 13:16	09/10/14 13:33	1
Endrin	0.013	U	0.097	0.013	ug/L		09/09/14 13:16	09/10/14 13:33	1
Endrin aldehyde	0.013	U	0.097	0.013	ug/L		09/09/14 13:16	09/10/14 13:33	1
Endrin ketone	0.013	U	0.097	0.013	ug/L		09/09/14 13:16	09/10/14 13:33	1
gamma-BHC (Lindane)	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/10/14 13:33	1

Client Sample ID: Comp 7-2F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-11
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/10/14 13:33	1
Heptachlor epoxide	0.013	U	0.049	0.013	ug/L		09/09/14 13:16	09/10/14 13:33	1
Methoxychlor	0.013	U	0.49	0.013	ug/L		09/09/14 13:16	09/10/14 13:33	1
Chlordane (technical)	0.33	U	0.97	0.33	ug/L		09/09/14 13:16	09/10/14 13:33	1
Toxaphene	0.66	U	4.9	0.66	ug/L		09/09/14 13:16	09/10/14 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*15*	*J1*	*20 - 142*	*09/09/14 13:16*	*09/10/14 13:33*	*1*
Tetrachloro-m-xylene	*95*		*22 - 134*	*09/09/14 13:16*	*09/10/14 13:33*	*1*

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4100**		390	230	mg/Kg	☼		09/10/14 15:29	5
Sulfate	**300**	**I**	390	230	mg/Kg	☼		09/10/14 15:29	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.37	U	0.73	0.37	mg/Kg	☼	09/02/14 08:55	09/08/14 23:06	1
Arsenic	**8.1**		1.8	0.73	mg/Kg	☼	09/02/14 08:55	09/08/14 23:06	1
Barium	**59**		3.7	0.95	mg/Kg	☼	09/02/14 08:55	09/08/14 23:06	1
Beryllium	**1.3**		0.37	0.18	mg/Kg	☼	09/02/14 08:55	09/08/14 23:06	1
Cadmium	**0.64**		0.37	0.088	mg/Kg	☼	09/02/14 08:55	09/08/14 23:06	1
Chromium	**44**		3.7	1.8	mg/Kg	☼	09/02/14 08:55	09/08/14 23:06	1
Copper	**31**		3.7	1.5	mg/Kg	☼	09/02/14 08:55	09/08/14 23:06	1
Sodium	**5300**		180	120	mg/Kg	☼	09/02/14 08:55	09/08/14 23:06	1
Nickel	**17**		3.7	1.8	mg/Kg	☼	09/02/14 08:55	09/08/14 23:06	1
Lead	**52**		1.5	0.73	mg/Kg	☼	09/02/14 08:55	09/08/14 23:06	1
Antimony	3.7	U	7.3	3.7	mg/Kg	☼	09/02/14 08:55	09/08/14 23:06	1
Selenium	**6.0**		3.7	1.8	mg/Kg	☼	09/02/14 08:55	09/08/14 23:06	1
Thallium	0.18	U	0.73	0.18	mg/Kg	☼	09/02/14 08:55	09/08/14 23:06	1
Zinc	**110**		15	4.0	mg/Kg	☼	09/02/14 08:55	09/08/14 23:06	1

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/08/14 08:29	09/12/14 22:32	1
Arsenic	**13**	**J3**	2.5	2.5	ug/L		09/08/14 08:29	09/12/14 22:32	1
Barium	5.0	J3 U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 22:32	1
Beryllium	0.50	J3 U	0.50	0.50	ug/L		09/08/14 08:29	09/12/14 22:32	1
Cadmium	0.50	J3 U	0.50	0.50	ug/L		09/08/14 08:29	09/12/14 22:32	1
Chromium	5.0	J3 U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 22:32	1
Copper	5.0	J3 U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 22:32	1
Nickel	5.0	J3 U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 22:32	1
Lead	1.5	J3 U	1.5	1.5	ug/L		09/08/14 08:29	09/12/14 22:32	1
Antimony	5.0	J3 U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 22:32	1
Selenium	**2.7**		2.5	2.5	ug/L		09/08/14 08:29	09/12/14 22:32	1
Thallium	1.0	J3 U	1.0	1.0	ug/L		09/08/14 08:29	09/12/14 22:32	1
Zinc	20	J3 U	20	20	ug/L		09/08/14 08:29	09/12/14 22:32	1

Client Sample ID: Comp 7-2F

Lab Sample ID: 660-62560-11

Date Collected: 08/29/14 12:00
Matrix: Solid
Date Received: 08/29/14 13:53

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/08/14 12:25	09/09/14 11:50	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.30**		0.14	0.059	mg/Kg	☼	09/04/14 10:18	09/05/14 12:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**190**		12	5.1	mg/Kg	☼	09/05/14 13:59	09/06/14 10:32	5
Total Kjeldahl Nitrogen	**13000**		3600	2100	mg/Kg	☼	09/09/14 16:23	09/10/14 12:35	10
Total Phosphorus as P	**1900**		140	78	mg/Kg	☼	09/09/14 16:23	09/10/14 11:40	1
Cyanide, Total	1.6	U	3.9	1.6	mg/Kg	☼	09/02/14 08:00	09/02/14 12:22	1
Phenolics, Total Recoverable	4.8	U	19	4.8	mg/Kg	☼	09/02/14 08:59	09/02/14 15:38	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	4.3	U	16	4.3	mg/Kg	☼		09/03/14 16:33	1

Client Sample ID: Comp 7-3F

Lab Sample ID: 660-62560-12

Date Collected: 08/29/14 12:00
Matrix: Solid
Date Received: 08/29/14 13:53
Percent Solids: 14.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.17	U	0.69	0.17	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
Acrylonitrile	0.23	U	0.69	0.23	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
Benzene	0.0050	U	0.034	0.0050	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
Bromoform	0.010	U	0.034	0.010	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
Bromomethane	0.010	U	0.034	0.010	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
Carbon tetrachloride	0.0057	U	0.034	0.0057	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
Chlorobenzene	0.0066	U	0.034	0.0066	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
Chloroethane	0.019	U	0.034	0.019	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
Chloroform	0.0076	U	0.034	0.0076	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
Chloromethane	0.0069	U	0.034	0.0069	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
Dibromochloromethane	0.012	U	0.034	0.012	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
1,2-Dichlorobenzene	0.0090	U	0.034	0.0090	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
1,3-Dichlorobenzene	0.011	U	0.034	0.011	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
1,4-Dichlorobenzene	0.0051	U	0.034	0.0051	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
Dichlorodifluoromethane	0.0065	U	0.034	0.0065	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
1,1-Dichloroethane	0.0076	U	0.034	0.0076	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
1,2-Dichloroethane	0.0076	U	0.034	0.0076	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
cis-1,2-Dichloroethene	0.0096	U	0.034	0.0096	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
trans-1,2-Dichloroethene	0.0043	U	0.034	0.0043	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
1,1-Dichloroethene	0.010	U	0.034	0.010	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
1,2-Dichloropropane	0.0059	U	0.034	0.0059	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
cis-1,3-Dichloropropene	0.0057	U	0.034	0.0057	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
trans-1,3-Dichloropropene	0.0060	U	0.034	0.0060	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
Ethylbenzene	0.0090	U	0.034	0.0090	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
Methylene Chloride	0.0067	J3 U	0.034	0.0067	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
Methyl tert-butyl ether	0.0069	U	0.069	0.0069	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1

Client Sample ID: Comp 7-3F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-12
Matrix: Solid
Percent Solids: 14.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.013	U	0.034	0.013	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
Toluene	0.0058	U	0.034	0.0058	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
1,2,4-Trichlorobenzene	0.0061	U	0.034	0.0061	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
1,1,1-Trichloroethane	0.0041	U	0.034	0.0041	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
1,1,2-Trichloroethane	0.0090	U	0.034	0.0090	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
Trichloroethene	0.0090	U	0.034	0.0090	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
Vinyl chloride	0.010	U	0.034	0.010	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1
Xylenes, Total	0.0076	U	0.069	0.0076	mg/Kg	☼	09/02/14 19:27	09/03/14 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*65 - 130*	*09/02/14 19:27*	*09/03/14 01:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*65 - 130*	*09/02/14 19:27*	*09/03/14 01:14*	*1*
4-Bromofluorobenzene (Surr)	*113*		*65 - 130*	*09/02/14 19:27*	*09/03/14 01:14*	*1*
Toluene-d8 (Surr)	*100*		*65 - 130*	*09/02/14 19:27*	*09/03/14 01:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	J3 U	20	20	ug/L			09/12/14 17:25	1
Acrylonitrile	20	U	20	20	ug/L			09/12/14 17:25	1
Benzene	1.0	U	1.0	1.0	ug/L			09/12/14 17:25	1
Bromoform	1.0	U	1.0	1.0	ug/L			09/12/14 17:25	1
Bromomethane	5.0	J3 U	5.0	5.0	ug/L			09/12/14 17:25	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			09/12/14 17:25	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 17:25	1
Chloroethane	5.0	U	5.0	5.0	ug/L			09/12/14 17:25	1
Chloroform	1.0	U	1.0	1.0	ug/L			09/12/14 17:25	1
Chloromethane	1.0	U	1.0	1.0	ug/L			09/12/14 17:25	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			09/12/14 17:25	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 17:25	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 17:25	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 17:25	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			09/12/14 17:25	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 17:25	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 17:25	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 17:25	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 17:25	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 17:25	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			09/12/14 17:25	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/12/14 17:25	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/12/14 17:25	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			09/12/14 17:25	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			09/12/14 17:25	1
Methyl tert-butyl ether	10	U	10	10	ug/L			09/12/14 17:25	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 17:25	1
Toluene	1.0	U	1.0	1.0	ug/L			09/12/14 17:25	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			09/12/14 17:25	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 17:25	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 17:25	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 17:25	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			09/12/14 17:25	1

Client Sample ID: Comp 7-3F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-12
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	2.0	ug/L			09/12/14 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*124*		*70 - 130*		*09/12/14 17:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*127*		*70 - 130*		*09/12/14 17:25*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*09/12/14 17:25*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*09/12/14 17:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.28	U	2.3	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Acenaphthylene	0.25	U	2.3	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Anthracene	0.17	U	2.3	0.17	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Benzo[a]anthracene	0.19	U	2.3	0.19	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Benzo[a]pyrene	0.36	U	2.3	0.36	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Benzo[b]fluoranthene	0.26	U	2.3	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Benzo[g,h,i]perylene	0.15	U	2.3	0.15	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Benzo[k]fluoranthene	0.45	U	2.3	0.45	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Bis(2-chloroethoxy)methane	0.27	U	2.3	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Bis(2-chloroethyl)ether	0.31	U	2.3	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
bis (2-chloroisopropyl) ether	0.21	U	2.3	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Bis(2-ethylhexyl) phthalate	0.20	U	2.3	0.20	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
4-Bromophenyl phenyl ether	0.25	U	2.3	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Butyl benzyl phthalate	0.18	U	2.3	0.18	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
4-Chloroaniline	0.36	U	4.5	0.36	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
4-Chloro-3-methylphenol	0.24	U	2.3	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
2-Chloronaphthalene	0.24	U	2.3	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
2-Chlorophenol	0.28	U	2.3	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
4-Chlorophenyl phenyl ether	0.30	U	2.3	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Chrysene	0.14	U	2.3	0.14	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Dibenz(a,h)anthracene	0.27	U	2.3	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Dibenzofuran	0.23	U	2.3	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
3,3'-Dichlorobenzidine	0.19	U	4.5	0.19	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
2,4-Dichlorophenol	0.24	U	2.3	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Diethyl phthalate	0.25	U	2.3	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
2,4-Dimethylphenol	0.30	U	2.3	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Dimethyl phthalate	0.23	U	2.3	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Di-n-butyl phthalate	0.21	U	2.3	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
4,6-Dinitro-2-methylphenol	1.2	U	12	1.2	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
2,4-Dinitrophenol	5.7	U	12	5.7	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
2,4-Dinitrotoluene	0.34	U	2.3	0.34	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
2,6-Dinitrotoluene	0.29	U	2.3	0.29	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Di-n-octyl phthalate	0.20	U	2.3	0.20	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
1,2-Diphenylhydrazine(as Azobenzene)	0.23	U	2.3	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Fluoranthene	0.22	U	2.3	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Fluorene	0.25	U	2.3	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Hexachlorobenzene	0.27	U	2.3	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Hexachlorobutadiene	0.25	U	2.3	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Hexachlorocyclopentadiene	0.28	U	2.3	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1

Client Sample ID: Comp 7-3F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-12
Matrix: Solid
Percent Solids: 14.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	0.19	U	2.3	0.19	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Indeno[1,2,3-cd]pyrene	0.19	U	2.3	0.19	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Isophorone	0.23	U	2.3	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
1-Methylnaphthalene	0.21	U	2.3	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
2-Methylnaphthalene	0.26	U	2.3	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Naphthalene	0.21	U	2.3	0.21	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Nitrobenzene	0.18	U	2.3	0.18	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
2-Nitrophenol	0.28	U	2.3	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
4-Nitrophenol	2.3	U	12	2.3	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
N-Nitrosodimethylamine	0.83	U	2.3	0.83	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
N-Nitrosodi-n-propylamine	0.22	U	2.3	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
N-Nitrosodiphenylamine	0.23	U	2.3	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Pentachlorophenol	2.3	U	12	2.3	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Phenanthrene	0.19	U	2.3	0.19	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Phenol	0.23	U	2.3	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
Pyrene	0.19	U	2.3	0.19	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1
2,4,6-Trichlorophenol	0.20	U	2.3	0.20	mg/Kg	☼	09/03/14 13:30	09/10/14 21:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*57*		*41 - 116*	*09/03/14 13:30*	*09/10/14 21:04*	*1*
2-Fluorophenol (Surr)	*56*		*39 - 114*	*09/03/14 13:30*	*09/10/14 21:04*	*1*
Nitrobenzene-d5 (Surr)	*55*		*37 - 115*	*09/03/14 13:30*	*09/10/14 21:04*	*1*
Phenol-d5 (Surr)	*56*		*38 - 122*	*09/03/14 13:30*	*09/10/14 21:04*	*1*
Terphenyl-d14 (Surr)	*58*		*46 - 126*	*09/03/14 13:30*	*09/10/14 21:04*	*1*
2,4,6-Tribromophenol (Surr)	*67*		*45 - 129*	*09/03/14 13:30*	*09/10/14 21:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.2	U	10	1.2	ug/L		09/10/14 15:00	09/12/14 22:50	1
Acenaphthylene	0.85	U	10	0.85	ug/L		09/10/14 15:00	09/12/14 22:50	1
Anthracene	0.86	U	10	0.86	ug/L		09/10/14 15:00	09/12/14 22:50	1
Benzo[a]anthracene	0.88	U	10	0.88	ug/L		09/10/14 15:00	09/12/14 22:50	1
Benzo[a]pyrene	0.89	U	10	0.89	ug/L		09/10/14 15:00	09/12/14 22:50	1
Benzo[b]fluoranthene	0.80	U	10	0.80	ug/L		09/10/14 15:00	09/12/14 22:50	1
Benzo[g,h,i]perylene	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/12/14 22:50	1
Benzo[k]fluoranthene	0.86	U	10	0.86	ug/L		09/10/14 15:00	09/12/14 22:50	1
Bis(2-chloroethoxy)methane	0.96	U	10	0.96	ug/L		09/10/14 15:00	09/12/14 22:50	1
Bis(2-chloroethyl)ether	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/12/14 22:50	1
bis (2-chloroisopropyl) ether	1.1	U	10	1.1	ug/L		09/10/14 15:00	09/12/14 22:50	1
Bis(2-ethylhexyl) phthalate	**5.6**	**I V**	10	2.5	ug/L		09/10/14 15:00	09/12/14 22:50	1
4-Bromophenyl phenyl ether	0.97	U	10	0.97	ug/L		09/10/14 15:00	09/12/14 22:50	1
Butyl benzyl phthalate	**4.7**	**I V**	10	0.98	ug/L		09/10/14 15:00	09/12/14 22:50	1
4-Chloroaniline	1.7	U	20	1.7	ug/L		09/10/14 15:00	09/12/14 22:50	1
4-Chloro-3-methylphenol	1.1	U	10	1.1	ug/L		09/10/14 15:00	09/12/14 22:50	1
2-Chloronaphthalene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/12/14 22:50	1
2-Chlorophenol	1.6	U	10	1.6	ug/L		09/10/14 15:00	09/12/14 22:50	1
4-Chlorophenyl phenyl ether	1.5	U	10	1.5	ug/L		09/10/14 15:00	09/12/14 22:50	1
Chrysene	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/12/14 22:50	1
Dibenz(a,h)anthracene	2.3	U	10	2.3	ug/L		09/10/14 15:00	09/12/14 22:50	1
Dibenzofuran	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/12/14 22:50	1

Client Sample ID: Comp 7-3F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-12
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	6.8	U	20	6.8	ug/L		09/10/14 15:00	09/12/14 22:50	1
2,4-Dichlorophenol	3.3	U	10	3.3	ug/L		09/10/14 15:00	09/12/14 22:50	1
Diethyl phthalate	0.90	U	10	0.90	ug/L		09/10/14 15:00	09/12/14 22:50	1
2,4-Dimethylphenol	3.8	U	10	3.8	ug/L		09/10/14 15:00	09/12/14 22:50	1
Dimethyl phthalate	1.3	U	10	1.3	ug/L		09/10/14 15:00	09/12/14 22:50	1
Di-n-butyl phthalate	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/12/14 22:50	1
4,6-Dinitro-2-methylphenol	1.0	U	50	1.0	ug/L		09/10/14 15:00	09/12/14 22:50	1
2,4-Dinitrophenol	3.1	U	50	3.1	ug/L		09/10/14 15:00	09/12/14 22:50	1
2,4-Dinitrotoluene	1.7	U	10	1.7	ug/L		09/10/14 15:00	09/12/14 22:50	1
2,6-Dinitrotoluene	2.1	U	10	2.1	ug/L		09/10/14 15:00	09/12/14 22:50	1
Di-n-octyl phthalate	2.0	U	10	2.0	ug/L		09/10/14 15:00	09/12/14 22:50	1
1,2-Diphenylhydrazine(as Azobenzene)	0.99	U	10	0.99	ug/L		09/10/14 15:00	09/12/14 22:50	1
Fluoranthene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/12/14 22:50	1
Fluorene	0.90	U	10	0.90	ug/L		09/10/14 15:00	09/12/14 22:50	1
Hexachlorobenzene	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/12/14 22:50	1
Hexachlorobutadiene	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/12/14 22:50	1
Hexachlorocyclopentadiene	2.1	U	10	2.1	ug/L		09/10/14 15:00	09/12/14 22:50	1
Hexachloroethane	4.5	U	10	4.5	ug/L		09/10/14 15:00	09/12/14 22:50	1
Indeno[1,2,3-cd]pyrene	2.4	U	10	2.4	ug/L		09/10/14 15:00	09/12/14 22:50	1
Isophorone	0.85	U	10	0.85	ug/L		09/10/14 15:00	09/12/14 22:50	1
2-Methylnaphthalene	1.5	U	10	1.5	ug/L		09/10/14 15:00	09/12/14 22:50	1
1-Methylnaphthalene	2.6	U	10	2.6	ug/L		09/10/14 15:00	09/12/14 22:50	1
Naphthalene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/12/14 22:50	1
Nitrobenzene	1.6	U	10	1.6	ug/L		09/10/14 15:00	09/12/14 22:50	1
2-Nitrophenol	0.96	U	10	0.96	ug/L		09/10/14 15:00	09/12/14 22:50	1
4-Nitrophenol	2.1	U	50	2.1	ug/L		09/10/14 15:00	09/12/14 22:50	1
N-Nitrosodimethylamine	2.4	U	10	2.4	ug/L		09/10/14 15:00	09/12/14 22:50	1
N-Nitrosodi-n-propylamine	0.93	U	10	0.93	ug/L		09/10/14 15:00	09/12/14 22:50	1
N-Nitrosodiphenylamine	0.62	U	10	0.62	ug/L		09/10/14 15:00	09/12/14 22:50	1
Pentachlorophenol	1.1	U	50	1.1	ug/L		09/10/14 15:00	09/12/14 22:50	1
Phenanthrene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/12/14 22:50	1
Phenol	1.2	U	10	1.2	ug/L		09/10/14 15:00	09/12/14 22:50	1
Pyrene	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/12/14 22:50	1
2,4,6-Trichlorophenol	1.2	U	10	1.2	ug/L		09/10/14 15:00	09/12/14 22:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*95*		*48 - 124*	*09/10/14 15:00*	*09/12/14 22:50*	*1*
2-Fluorobiphenyl	*91*		*24 - 113*	*09/10/14 15:00*	*09/12/14 22:50*	*1*
2-Fluorophenol (Surr)	*87*		*12 - 105*	*09/10/14 15:00*	*09/12/14 22:50*	*1*
Terphenyl-d14 (Surr)	*75*		*36 - 127*	*09/10/14 15:00*	*09/12/14 22:50*	*1*
Phenol-d5 (Surr)	*90*		*17 - 111*	*09/10/14 15:00*	*09/12/14 22:50*	*1*
Nitrobenzene-d5 (Surr)	*94*		*26 - 107*	*09/10/14 15:00*	*09/12/14 22:50*	*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	0.0012	U	0.012	0.0012	mg/Kg	☼	09/03/14 09:38	09/06/14 02:16	1
4,4'-DDE	0.0012	U	0.012	0.0012	mg/Kg	☼	09/03/14 09:38	09/06/14 02:16	1
4,4'-DDT	0.015	U	0.12	0.015	mg/Kg	☼	09/03/14 09:38	09/06/14 01:51	10
Aldrin	0.0010	U	0.012	0.0010	mg/Kg	☼	09/03/14 09:38	09/06/14 02:16	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 7-3F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-12
Matrix: Solid
Percent Solids: 14.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	0.00097	U	0.012	0.00097	mg/Kg	☼	09/03/14 09:38	09/06/14 02:16	1
beta-BHC	0.0023	U	0.012	0.0023	mg/Kg	☼	09/03/14 09:38	09/06/14 02:16	1
Chlordane (technical)	0.020	U	0.12	0.020	mg/Kg	☼	09/03/14 09:38	09/06/14 02:16	1
delta-BHC	0.0013	U	0.012	0.0013	mg/Kg	☼	09/03/14 09:38	09/06/14 02:16	1
Dieldrin	0.0012	U	0.012	0.0012	mg/Kg	☼	09/03/14 09:38	09/06/14 02:16	1
Endosulfan I	0.0012	U	0.012	0.0012	mg/Kg	☼	09/03/14 09:38	09/06/14 02:16	1
Endosulfan II	0.0010	U	0.012	0.0010	mg/Kg	☼	09/03/14 09:38	09/06/14 02:16	1
Endosulfan sulfate	0.0014	U	0.012	0.0014	mg/Kg	☼	09/03/14 09:38	09/06/14 02:16	1
Endrin	0.0015	U	0.012	0.0015	mg/Kg	☼	09/03/14 09:38	09/06/14 02:16	1
Endrin aldehyde	0.0015	U	0.012	0.0015	mg/Kg	☼	09/03/14 09:38	09/06/14 02:16	1
Endrin ketone	0.014	U	0.12	0.014	mg/Kg	☼	09/03/14 09:38	09/06/14 01:51	10
gamma-BHC (Lindane)	0.00097	U	0.012	0.00097	mg/Kg	☼	09/03/14 09:38	09/06/14 02:16	1
Heptachlor	0.013	U	0.12	0.013	mg/Kg	☼	09/03/14 09:38	09/06/14 01:51	10
Heptachlor epoxide	0.0011	U	0.012	0.0011	mg/Kg	☼	09/03/14 09:38	09/06/14 02:16	1
Methoxychlor	0.019	U	0.12	0.019	mg/Kg	☼	09/03/14 09:38	09/06/14 01:51	10
Toxaphene	0.38	U	12	0.38	mg/Kg	☼	09/03/14 09:38	09/06/14 01:51	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*18*	*J1*	*54 - 133*	*09/03/14 09:38*	*09/06/14 02:16*	*1*
Tetrachloro-m-xylene	*21*	*J1*	*46 - 130*	*09/03/14 09:38*	*09/06/14 02:16*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	U	0.097	0.013	ug/L		09/09/14 14:42	09/10/14 14:02	1
4,4'-DDE	0.013	U	0.097	0.013	ug/L		09/09/14 14:42	09/10/14 14:02	1
4,4'-DDT	0.013	U	0.097	0.013	ug/L		09/09/14 14:42	09/10/14 14:02	1
Aldrin	0.0019	U	0.049	0.0019	ug/L		09/09/14 14:42	09/10/14 14:02	1
alpha-BHC	0.0058	U	0.049	0.0058	ug/L		09/09/14 14:42	09/10/14 14:02	1
beta-BHC	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 14:02	1
delta-BHC	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 14:02	1
Dieldrin	0.0019	U	0.097	0.0019	ug/L		09/09/14 14:42	09/10/14 14:02	1
Endosulfan I	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 14:02	1
Endosulfan II	0.013	U	0.097	0.013	ug/L		09/09/14 14:42	09/10/14 14:02	1
Endosulfan sulfate	0.013	U	0.097	0.013	ug/L		09/09/14 14:42	09/10/14 14:02	1
Endrin	0.013	U	0.097	0.013	ug/L		09/09/14 14:42	09/10/14 14:02	1
Endrin aldehyde	0.013	U	0.097	0.013	ug/L		09/09/14 14:42	09/10/14 14:02	1
Endrin ketone	0.013	U	0.097	0.013	ug/L		09/09/14 14:42	09/10/14 14:02	1
gamma-BHC (Lindane)	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 14:02	1
Heptachlor	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 14:02	1
Heptachlor epoxide	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 14:02	1
Methoxychlor	0.013	U	0.49	0.013	ug/L		09/09/14 14:42	09/10/14 14:02	1
Chlordane (technical)	0.33	U	0.97	0.33	ug/L		09/09/14 14:42	09/10/14 14:02	1
Toxaphene	0.66	U	4.9	0.66	ug/L		09/09/14 14:42	09/10/14 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*21*		*20 - 142*	*09/09/14 14:42*	*09/10/14 14:02*	*1*
Tetrachloro-m-xylene	*120*		*22 - 134*	*09/09/14 14:42*	*09/10/14 14:02*	*1*

Client Sample ID: Comp 7-3F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-12
Matrix: Solid
Percent Solids: 14.5

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2100**		340	210	mg/Kg	☼		09/10/14 15:43	5
Sulfate	**260**	**I**	340	210	mg/Kg	☼		09/10/14 15:43	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.33	U	0.66	0.33	mg/Kg	☼	09/02/14 08:55	09/08/14 23:12	1
Arsenic	**5.7**		1.7	0.66	mg/Kg	☼	09/02/14 08:55	09/08/14 23:12	1
Barium	**50**		3.3	0.86	mg/Kg	☼	09/02/14 08:55	09/08/14 23:12	1
Beryllium	**1.5**		0.33	0.17	mg/Kg	☼	09/02/14 08:55	09/08/14 23:12	1
Cadmium	**0.24**	**I**	0.33	0.080	mg/Kg	☼	09/02/14 08:55	09/08/14 23:12	1
Chromium	**37**		3.3	1.7	mg/Kg	☼	09/02/14 08:55	09/08/14 23:12	1
Copper	**13**		3.3	1.3	mg/Kg	☼	09/02/14 08:55	09/08/14 23:12	1
Sodium	**3000**		170	110	mg/Kg	☼	09/02/14 08:55	09/08/14 23:12	1
Nickel	**13**		3.3	1.7	mg/Kg	☼	09/02/14 08:55	09/08/14 23:12	1
Lead	**27**		1.3	0.66	mg/Kg	☼	09/02/14 08:55	09/08/14 23:12	1
Antimony	3.3	U	6.6	3.3	mg/Kg	☼	09/02/14 08:55	09/08/14 23:12	1
Selenium	**6.3**		3.3	1.7	mg/Kg	☼	09/02/14 08:55	09/08/14 23:12	1
Thallium	0.17	U	0.66	0.17	mg/Kg	☼	09/02/14 08:55	09/08/14 23:12	1
Zinc	**44**		13	3.6	mg/Kg	☼	09/02/14 08:55	09/08/14 23:12	1

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/12/14 10:37	09/13/14 11:51	1
Arsenic	**6.6**		2.5	2.5	ug/L		09/12/14 10:37	09/13/14 11:51	1
Barium	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 11:51	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/12/14 10:37	09/13/14 11:51	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/12/14 10:37	09/13/14 11:51	1
Chromium	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 11:51	1
Copper	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 11:51	1
Nickel	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 11:51	1
Lead	1.5	U	1.5	1.5	ug/L		09/12/14 10:37	09/13/14 11:51	1
Antimony	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 11:51	1
Selenium	2.5	U	2.5	2.5	ug/L		09/12/14 10:37	09/13/14 11:51	1
Thallium	1.0	U	1.0	1.0	ug/L		09/12/14 10:37	09/13/14 11:51	1
Zinc	20	U	20	20	ug/L		09/12/14 10:37	09/13/14 11:51	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	J3 U	0.20	0.20	ug/L		09/08/14 13:35	09/09/14 13:30	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.19**		0.13	0.051	mg/Kg	☼	09/04/14 10:18	09/05/14 12:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**180**		10	4.5	mg/Kg	☼	09/05/14 13:59	09/05/14 15:39	5
Total Kjeldahl Nitrogen	**7200**		3400	2000	mg/Kg	☼	09/09/14 16:23	09/10/14 12:36	10
Total Phosphorus as P	**850**		130	74	mg/Kg	☼	09/09/14 16:23	09/10/14 11:41	1
Cyanide, Total	1.4	U	3.3	1.4	mg/Kg	☼	09/02/14 08:00	09/02/14 12:24	1
Phenolics, Total Recoverable	4.3	U	17	4.3	mg/Kg	☼	09/02/14 08:59	09/02/14 15:39	1

Client Sample ID: Comp 7-3F

Lab Sample ID: 660-62560-12
Date Collected: 08/29/14 12:00
Matrix: Solid
Date Received: 08/29/14 13:53
Percent Solids: 14.5

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	3.8	U	14	3.8	mg/Kg	☼		09/03/14 16:34	1

Client Sample ID: Comp 7-4F

Lab Sample ID: 660-62560-13
Date Collected: 08/29/14 12:00
Matrix: Solid
Date Received: 08/29/14 13:53
Percent Solids: 11.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.20	U	0.85	0.20	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
Acrylonitrile	0.29	U	0.85	0.29	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
Benzene	0.0062	U	0.042	0.0062	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
Bromoform	0.013	U	0.042	0.013	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
Bromomethane	0.013	U	0.042	0.013	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
Carbon tetrachloride	0.0070	U	0.042	0.0070	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
Chlorobenzene	0.0081	U	0.042	0.0081	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
Chloroethane	0.023	U	0.042	0.023	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
Chloroform	0.0093	U	0.042	0.0093	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
Chloromethane	0.0085	U	0.042	0.0085	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
Dibromochloromethane	0.014	U	0.042	0.014	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
1,2-Dichlorobenzene	0.011	U	0.042	0.011	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
1,3-Dichlorobenzene	0.014	U	0.042	0.014	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
1,4-Dichlorobenzene	0.0063	U	0.042	0.0063	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
Dichlorodifluoromethane	0.0080	U	0.042	0.0080	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
1,1-Dichloroethane	0.0093	U	0.042	0.0093	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
1,2-Dichloroethane	0.0093	U	0.042	0.0093	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
cis-1,2-Dichloroethene	0.012	U	0.042	0.012	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
trans-1,2-Dichloroethene	0.0053	U	0.042	0.0053	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
1,1-Dichloroethene	0.013	U	0.042	0.013	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
1,2-Dichloropropane	0.0073	U	0.042	0.0073	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
cis-1,3-Dichloropropene	0.0070	U	0.042	0.0070	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
trans-1,3-Dichloropropene	0.0074	U	0.042	0.0074	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
Ethylbenzene	0.011	U	0.042	0.011	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
Methylene Chloride	0.0083	J3 U	0.042	0.0083	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
Methyl tert-butyl ether	0.0085	U	0.085	0.0085	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
Tetrachloroethene	0.016	U	0.042	0.016	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
Toluene	0.0071	U	0.042	0.0071	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
1,2,4-Trichlorobenzene	0.0075	U	0.042	0.0075	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
1,1,1-Trichloroethane	0.0050	U	0.042	0.0050	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
1,1,2-Trichloroethane	0.011	U	0.042	0.011	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
Trichloroethene	0.011	U	0.042	0.011	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
Vinyl chloride	0.013	U	0.042	0.013	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1
Xylenes, Total	0.0093	U	0.085	0.0093	mg/Kg	☼	09/02/14 19:27	09/03/14 01:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*93*		*65 - 130*	*09/02/14 19:27*	*09/03/14 01:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*65 - 130*	*09/02/14 19:27*	*09/03/14 01:35*	*1*
4-Bromofluorobenzene (Surr)	*114*		*65 - 130*	*09/02/14 19:27*	*09/03/14 01:35*	*1*
Toluene-d8 (Surr)	*101*		*65 - 130*	*09/02/14 19:27*	*09/03/14 01:35*	*1*

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 7-4F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-13
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	U	20	20	ug/L			09/15/14 16:30	1
Acrylonitrile	20	U	20	20	ug/L			09/15/14 16:30	1
Benzene	1.0	U	1.0	1.0	ug/L			09/15/14 16:30	1
Bromoform	1.0	U	1.0	1.0	ug/L			09/15/14 16:30	1
Bromomethane	5.0	U	5.0	5.0	ug/L			09/15/14 16:30	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			09/15/14 16:30	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 16:30	1
Chloroethane	5.0	U	5.0	5.0	ug/L			09/15/14 16:30	1
Chloroform	1.0	U	1.0	1.0	ug/L			09/15/14 16:30	1
Chloromethane	1.0	U	1.0	1.0	ug/L			09/15/14 16:30	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			09/15/14 16:30	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 16:30	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 16:30	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 16:30	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			09/15/14 16:30	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 16:30	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 16:30	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 16:30	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 16:30	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 16:30	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			09/15/14 16:30	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/15/14 16:30	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/15/14 16:30	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			09/15/14 16:30	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			09/15/14 16:30	1
Methyl tert-butyl ether	10	U	10	10	ug/L			09/15/14 16:30	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 16:30	1
Toluene	1.0	U	1.0	1.0	ug/L			09/15/14 16:30	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			09/15/14 16:30	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 16:30	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 16:30	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 16:30	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			09/15/14 16:30	1
Xylenes, Total	2.0	U	2.0	2.0	ug/L			09/15/14 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*09/15/14 16:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*09/15/14 16:30*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*09/15/14 16:30*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*09/15/14 16:30*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.35	U	2.8	0.35	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Acenaphthylene	0.31	U	2.8	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Anthracene	0.22	U	2.8	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Benzo[a]anthracene	0.23	U	2.8	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Benzo[a]pyrene	0.45	U	2.8	0.45	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Benzo[b]fluoranthene	0.33	U	2.8	0.33	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Benzo[g,h,i]perylene	0.19	U	2.8	0.19	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1

Client Sample ID: Comp 7-4F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-13
Matrix: Solid
Percent Solids: 11.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.56	U	2.8	0.56	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Bis(2-chloroethoxy)methane	0.34	U	2.8	0.34	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Bis(2-chloroethyl)ether	0.39	U	2.8	0.39	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
bis (2-chloroisopropyl) ether	0.26	U	2.8	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Bis(2-ethylhexyl) phthalate	0.25	U	2.8	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
4-Bromophenyl phenyl ether	0.31	U	2.8	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Butyl benzyl phthalate	0.22	U	2.8	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
4-Chloroaniline	0.45	U	5.7	0.45	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
4-Chloro-3-methylphenol	0.30	U	2.8	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
2-Chloronaphthalene	0.30	U	2.8	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
2-Chlorophenol	0.34	U	2.8	0.34	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
4-Chlorophenyl phenyl ether	0.38	U	2.8	0.38	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Chrysene	0.18	U	2.8	0.18	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Dibenz(a,h)anthracene	0.34	U	2.8	0.34	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Dibenzofuran	0.28	U	2.8	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
3,3'-Dichlorobenzidine	0.24	U	5.7	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
2,4-Dichlorophenol	0.30	U	2.8	0.30	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Diethyl phthalate	0.32	U	2.8	0.32	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
2,4-Dimethylphenol	0.38	U	2.8	0.38	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Dimethyl phthalate	0.29	U	2.8	0.29	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Di-n-butyl phthalate	0.26	U	2.8	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
4,6-Dinitro-2-methylphenol	1.5	U	15	1.5	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
2,4-Dinitrophenol	7.2	U	15	7.2	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
2,4-Dinitrotoluene	0.42	U	2.8	0.42	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
2,6-Dinitrotoluene	0.36	U	2.8	0.36	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Di-n-octyl phthalate	0.25	U	2.8	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
1,2-Diphenylhydrazine(as Azobenzene)	0.29	U	2.8	0.29	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Fluoranthene	0.28	U	2.8	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Fluorene	0.31	U	2.8	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Hexachlorobenzene	0.34	U	2.8	0.34	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Hexachlorobutadiene	0.31	U	2.8	0.31	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Hexachlorocyclopentadiene	0.35	U	2.8	0.35	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Hexachloroethane	0.24	U	2.8	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Indeno[1,2,3-cd]pyrene	0.24	U	2.8	0.24	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Isophorone	0.28	U	2.8	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
1-Methylnaphthalene	0.27	U	2.8	0.27	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
2-Methylnaphthalene	0.33	U	2.8	0.33	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Naphthalene	0.26	U	2.8	0.26	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Nitrobenzene	0.22	U	2.8	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
2-Nitrophenol	0.35	U	2.8	0.35	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
4-Nitrophenol	2.8	U	15	2.8	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
N-Nitrosodimethylamine	1.0	U	2.8	1.0	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
N-Nitrosodi-n-propylamine	0.28	U	2.8	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
N-Nitrosodiphenylamine	0.28	U	2.8	0.28	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Pentachlorophenol	2.8	U	15	2.8	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Phenanthrene	0.23	U	2.8	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Phenol	0.29	U	2.8	0.29	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
Pyrene	0.23	U	2.8	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1
2,4,6-Trichlorophenol	0.25	U	2.8	0.25	mg/Kg	☼	09/03/14 13:30	09/10/14 21:29	1

Client Sample ID: Comp 7-4F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-13
Matrix: Solid
Percent Solids: 11.6

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	62		41 - 116	09/03/14 13:30	09/10/14 21:29	1
2-Fluorophenol (Surr)	63		39 - 114	09/03/14 13:30	09/10/14 21:29	1
Nitrobenzene-d5 (Surr)	63		37 - 115	09/03/14 13:30	09/10/14 21:29	1
Phenol-d5 (Surr)	62		38 - 122	09/03/14 13:30	09/10/14 21:29	1
Terphenyl-d14 (Surr)	63		46 - 126	09/03/14 13:30	09/10/14 21:29	1
2,4,6-Tribromophenol (Surr)	73		45 - 129	09/03/14 13:30	09/10/14 21:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.2	U	10	1.2	ug/L		09/10/14 15:00	09/15/14 15:23	1
Acenaphthylene	0.85	U	10	0.85	ug/L		09/10/14 15:00	09/15/14 15:23	1
Anthracene	0.86	U	10	0.86	ug/L		09/10/14 15:00	09/15/14 15:23	1
Benzo[a]anthracene	0.88	U	10	0.88	ug/L		09/10/14 15:00	09/15/14 15:23	1
Benzo[a]pyrene	0.89	U	10	0.89	ug/L		09/10/14 15:00	09/15/14 15:23	1
Benzo[b]fluoranthene	0.80	U	10	0.80	ug/L		09/10/14 15:00	09/15/14 15:23	1
Benzo[g,h,i]perylene	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/15/14 15:23	1
Benzo[k]fluoranthene	0.86	U	10	0.86	ug/L		09/10/14 15:00	09/15/14 15:23	1
Bis(2-chloroethoxy)methane	0.96	U	10	0.96	ug/L		09/10/14 15:00	09/15/14 15:23	1
Bis(2-chloroethyl)ether	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/15/14 15:23	1
bis (2-chloroisopropyl) ether	1.1	U	10	1.1	ug/L		09/10/14 15:00	09/15/14 15:23	1
Bis(2-ethylhexyl) phthalate	**6.8**	**I V**	10	2.5	ug/L		09/10/14 15:00	09/15/14 15:23	1
4-Bromophenyl phenyl ether	0.97	U	10	0.97	ug/L		09/10/14 15:00	09/15/14 15:23	1
Butyl benzyl phthalate	0.98	U	10	0.98	ug/L		09/10/14 15:00	09/15/14 15:23	1
4-Chloroaniline	1.7	U	20	1.7	ug/L		09/10/14 15:00	09/15/14 15:23	1
4-Chloro-3-methylphenol	1.1	U	10	1.1	ug/L		09/10/14 15:00	09/15/14 15:23	1
2-Chloronaphthalene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/15/14 15:23	1
2-Chlorophenol	1.6	U	10	1.6	ug/L		09/10/14 15:00	09/15/14 15:23	1
4-Chlorophenyl phenyl ether	1.5	U	10	1.5	ug/L		09/10/14 15:00	09/15/14 15:23	1
Chrysene	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/15/14 15:23	1
Dibenz(a,h)anthracene	2.3	U	10	2.3	ug/L		09/10/14 15:00	09/15/14 15:23	1
Dibenzofuran	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/15/14 15:23	1
3,3'-Dichlorobenzidine	6.8	U	20	6.8	ug/L		09/10/14 15:00	09/15/14 15:23	1
2,4-Dichlorophenol	3.3	U	10	3.3	ug/L		09/10/14 15:00	09/15/14 15:23	1
Diethyl phthalate	0.90	U	10	0.90	ug/L		09/10/14 15:00	09/15/14 15:23	1
2,4-Dimethylphenol	3.8	U	10	3.8	ug/L		09/10/14 15:00	09/15/14 15:23	1
Dimethyl phthalate	1.3	U	10	1.3	ug/L		09/10/14 15:00	09/15/14 15:23	1
Di-n-butyl phthalate	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/15/14 15:23	1
4,6-Dinitro-2-methylphenol	1.0	U	50	1.0	ug/L		09/10/14 15:00	09/15/14 15:23	1
2,4-Dinitrophenol	3.1	U	50	3.1	ug/L		09/10/14 15:00	09/15/14 15:23	1
2,4-Dinitrotoluene	1.7	U	10	1.7	ug/L		09/10/14 15:00	09/15/14 15:23	1
2,6-Dinitrotoluene	2.1	U	10	2.1	ug/L		09/10/14 15:00	09/15/14 15:23	1
Di-n-octyl phthalate	2.0	U	10	2.0	ug/L		09/10/14 15:00	09/15/14 15:23	1
1,2-Diphenylhydrazine(as Azobenzene)	0.99	U	10	0.99	ug/L		09/10/14 15:00	09/15/14 15:23	1
Fluoranthene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/15/14 15:23	1
Fluorene	0.90	U	10	0.90	ug/L		09/10/14 15:00	09/15/14 15:23	1
Hexachlorobenzene	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/15/14 15:23	1
Hexachlorobutadiene	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/15/14 15:23	1
Hexachlorocyclopentadiene	2.1	U	10	2.1	ug/L		09/10/14 15:00	09/15/14 15:23	1
Hexachloroethane	4.5	U	10	4.5	ug/L		09/10/14 15:00	09/15/14 15:23	1

Client Sample ID: Comp 7-4F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-13
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	2.4	U	10	2.4	ug/L		09/10/14 15:00	09/15/14 15:23	1
Isophorone	0.85	U	10	0.85	ug/L		09/10/14 15:00	09/15/14 15:23	1
2-Methylnaphthalene	1.5	U	10	1.5	ug/L		09/10/14 15:00	09/15/14 15:23	1
1-Methylnaphthalene	2.6	U	10	2.6	ug/L		09/10/14 15:00	09/15/14 15:23	1
Naphthalene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/15/14 15:23	1
Nitrobenzene	1.6	U	10	1.6	ug/L		09/10/14 15:00	09/15/14 15:23	1
2-Nitrophenol	0.96	U	10	0.96	ug/L		09/10/14 15:00	09/15/14 15:23	1
4-Nitrophenol	2.1	U	50	2.1	ug/L		09/10/14 15:00	09/15/14 15:23	1
N-Nitrosodimethylamine	2.4	U	10	2.4	ug/L		09/10/14 15:00	09/15/14 15:23	1
N-Nitrosodi-n-propylamine	0.93	U	10	0.93	ug/L		09/10/14 15:00	09/15/14 15:23	1
N-Nitrosodiphenylamine	0.62	U	10	0.62	ug/L		09/10/14 15:00	09/15/14 15:23	1
Pentachlorophenol	1.1	U	50	1.1	ug/L		09/10/14 15:00	09/15/14 15:23	1
Phenanthrene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/15/14 15:23	1
Phenol	1.2	U	10	1.2	ug/L		09/10/14 15:00	09/15/14 15:23	1
Pyrene	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/15/14 15:23	1
2,4,6-Trichlorophenol	1.2	U	10	1.2	ug/L		09/10/14 15:00	09/15/14 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*48 - 124*	*09/10/14 15:00*	*09/15/14 15:23*	*1*
2-Fluorobiphenyl	*81*		*24 - 113*	*09/10/14 15:00*	*09/15/14 15:23*	*1*
2-Fluorophenol (Surr)	*85*		*12 - 105*	*09/10/14 15:00*	*09/15/14 15:23*	*1*
Terphenyl-d14 (Surr)	*74*		*36 - 127*	*09/10/14 15:00*	*09/15/14 15:23*	*1*
Phenol-d5 (Surr)	*82*		*17 - 111*	*09/10/14 15:00*	*09/15/14 15:23*	*1*
Nitrobenzene-d5 (Surr)	*84*		*26 - 107*	*09/10/14 15:00*	*09/15/14 15:23*	*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	0.0016	U	0.015	0.0016	mg/Kg	☼	09/03/14 09:38	09/06/14 02:30	1
4,4'-DDE	**0.0074**	**I**	0.015	0.0016	mg/Kg	☼	09/03/14 09:38	09/06/14 02:30	1
4,4'-DDT	0.019	U	0.15	0.019	mg/Kg	☼	09/03/14 09:38	09/06/14 02:06	10
Aldrin	0.0013	U	0.015	0.0013	mg/Kg	☼	09/03/14 09:38	09/06/14 02:30	1
alpha-BHC	0.0012	U	0.015	0.0012	mg/Kg	☼	09/03/14 09:38	09/06/14 02:30	1
beta-BHC	0.0028	U	0.015	0.0028	mg/Kg	☼	09/03/14 09:38	09/06/14 02:30	1
Chlordane (technical)	0.025	U	0.15	0.025	mg/Kg	☼	09/03/14 09:38	09/06/14 02:30	1
delta-BHC	0.0016	U	0.015	0.0016	mg/Kg	☼	09/03/14 09:38	09/06/14 02:30	1
Dieldrin	0.0015	U	0.015	0.0015	mg/Kg	☼	09/03/14 09:38	09/06/14 02:30	1
Endosulfan I	0.0015	U	0.015	0.0015	mg/Kg	☼	09/03/14 09:38	09/06/14 02:30	1
Endosulfan II	0.0013	U	0.015	0.0013	mg/Kg	☼	09/03/14 09:38	09/06/14 02:30	1
Endosulfan sulfate	0.0018	U	0.015	0.0018	mg/Kg	☼	09/03/14 09:38	09/06/14 02:30	1
Endrin	0.0019	U	0.015	0.0019	mg/Kg	☼	09/03/14 09:38	09/06/14 02:30	1
Endrin aldehyde	0.0019	U	0.015	0.0019	mg/Kg	☼	09/03/14 09:38	09/06/14 02:30	1
Endrin ketone	0.017	U	0.15	0.017	mg/Kg	☼	09/03/14 09:38	09/06/14 02:06	10
gamma-BHC (Lindane)	0.0012	U	0.015	0.0012	mg/Kg	☼	09/03/14 09:38	09/06/14 02:30	1
Heptachlor	0.016	U	0.15	0.016	mg/Kg	☼	09/03/14 09:38	09/06/14 02:06	10
Heptachlor epoxide	0.0014	U	0.015	0.0014	mg/Kg	☼	09/03/14 09:38	09/06/14 02:30	1
Methoxychlor	0.024	U	0.15	0.024	mg/Kg	☼	09/03/14 09:38	09/06/14 02:06	10
Toxaphene	0.47	U	15	0.47	mg/Kg	☼	09/03/14 09:38	09/06/14 02:06	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*43*	*J1*	*54 - 133*	*09/03/14 09:38*	*09/06/14 02:30*	*1*

Client Sample ID: Comp 7-4F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-13
Matrix: Solid
Percent Solids: 11.6

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*45*	*J1*	*46 - 130*	*09/03/14 09:38*	*09/06/14 02:30*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	U	0.10	0.013	ug/L		09/09/14 14:42	09/10/14 14:16	1
4,4'-DDE	0.013	U	0.10	0.013	ug/L		09/09/14 14:42	09/10/14 14:16	1
4,4'-DDT	0.013	U	0.10	0.013	ug/L		09/09/14 14:42	09/10/14 14:16	1
Aldrin	0.0020	U	0.050	0.0020	ug/L		09/09/14 14:42	09/10/14 14:16	1
alpha-BHC	0.0060	U	0.050	0.0060	ug/L		09/09/14 14:42	09/10/14 14:16	1
beta-BHC	0.013	U	0.050	0.013	ug/L		09/09/14 14:42	09/10/14 14:16	1
delta-BHC	0.013	U	0.050	0.013	ug/L		09/09/14 14:42	09/10/14 14:16	1
Dieldrin	0.0020	U	0.10	0.0020	ug/L		09/09/14 14:42	09/10/14 14:16	1
Endosulfan I	0.013	U	0.050	0.013	ug/L		09/09/14 14:42	09/10/14 14:16	1
Endosulfan II	0.013	U	0.10	0.013	ug/L		09/09/14 14:42	09/10/14 14:16	1
Endosulfan sulfate	0.013	U	0.10	0.013	ug/L		09/09/14 14:42	09/10/14 14:16	1
Endrin	0.013	U	0.10	0.013	ug/L		09/09/14 14:42	09/10/14 14:16	1
Endrin aldehyde	0.013	U	0.10	0.013	ug/L		09/09/14 14:42	09/10/14 14:16	1
Endrin ketone	0.013	U	0.10	0.013	ug/L		09/09/14 14:42	09/10/14 14:16	1
gamma-BHC (Lindane)	0.013	U	0.050	0.013	ug/L		09/09/14 14:42	09/10/14 14:16	1
Heptachlor	0.013	U	0.050	0.013	ug/L		09/09/14 14:42	09/10/14 14:16	1
Heptachlor epoxide	0.013	U	0.050	0.013	ug/L		09/09/14 14:42	09/10/14 14:16	1
Methoxychlor	0.013	U	0.50	0.013	ug/L		09/09/14 14:42	09/10/14 14:16	1
Chlordane (technical)	0.34	U	1.0	0.34	ug/L		09/09/14 14:42	09/10/14 14:16	1
Toxaphene	0.68	U	5.0	0.68	ug/L		09/09/14 14:42	09/10/14 14:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*26*		*20 - 142*	*09/09/14 14:42*	*09/10/14 14:16*	*1*
Tetrachloro-m-xylene	*108*		*22 - 134*	*09/09/14 14:42*	*09/10/14 14:16*	*1*

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1500**		430	260	mg/Kg	☼		09/10/14 15:58	5
Sulfate	260	U	430	260	mg/Kg	☼		09/10/14 15:58	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.42**	**I**	0.81	0.41	mg/Kg	☼	09/02/14 08:55	09/08/14 23:17	1
Arsenic	**8.1**		2.0	0.81	mg/Kg	☼	09/02/14 08:55	09/08/14 23:17	1
Barium	**74**		4.1	1.1	mg/Kg	☼	09/02/14 08:55	09/08/14 23:17	1
Beryllium	**0.93**		0.41	0.20	mg/Kg	☼	09/02/14 08:55	09/08/14 23:17	1
Cadmium	**0.85**		0.41	0.098	mg/Kg	☼	09/02/14 08:55	09/08/14 23:17	1
Chromium	**54**		4.1	2.0	mg/Kg	☼	09/02/14 08:55	09/08/14 23:17	1
Copper	**41**		4.1	1.6	mg/Kg	☼	09/02/14 08:55	09/08/14 23:17	1
Sodium	**2000**		200	130	mg/Kg	☼	09/02/14 08:55	09/08/14 23:17	1
Nickel	**19**		4.1	2.0	mg/Kg	☼	09/02/14 08:55	09/08/14 23:17	1
Lead	**88**		1.6	0.81	mg/Kg	☼	09/02/14 08:55	09/08/14 23:17	1
Antimony	4.1	U	8.1	4.1	mg/Kg	☼	09/02/14 08:55	09/08/14 23:17	1
Selenium	**6.3**		4.1	2.0	mg/Kg	☼	09/02/14 08:55	09/08/14 23:17	1
Thallium	0.20	U	0.81	0.20	mg/Kg	☼	09/02/14 08:55	09/08/14 23:17	1
Zinc	**140**		16	4.5	mg/Kg	☼	09/02/14 08:55	09/08/14 23:17	1

Client Sample ID: Comp 7-4F

Lab Sample ID: 660-62560-13

Date Collected: 08/29/14 12:00

Matrix: Solid

Date Received: 08/29/14 13:53

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/12/14 10:37	09/13/14 12:27	1
Arsenic	**13**		2.5	2.5	ug/L		09/12/14 10:37	09/13/14 12:27	1
Barium	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 12:27	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/12/14 10:37	09/13/14 12:27	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/12/14 10:37	09/13/14 12:27	1
Chromium	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 12:27	1
Copper	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 12:27	1
Nickel	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 12:27	1
Lead	1.5	U	1.5	1.5	ug/L		09/12/14 10:37	09/13/14 12:27	1
Antimony	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 12:27	1
Selenium	2.5	U	2.5	2.5	ug/L		09/12/14 10:37	09/13/14 12:27	1
Thallium	1.0	U	1.0	1.0	ug/L		09/12/14 10:37	09/13/14 12:27	1
Zinc	20	U	20	20	ug/L		09/12/14 10:37	09/13/14 12:27	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/08/14 13:35	09/09/14 13:39	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.27**		0.16	0.067	mg/Kg	☼	09/04/14 10:18	09/05/14 12:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**280**		13	5.6	mg/Kg	☼	09/05/14 13:59	09/06/14 12:23	5
Total Kjeldahl Nitrogen	**15000**		4300	2600	mg/Kg	☼	09/09/14 16:23	09/10/14 12:37	10
Total Phosphorus as P	**2000**		170	94	mg/Kg	☼	09/09/14 16:23	09/10/14 11:42	1
Cyanide, Total	1.8	U	4.2	1.8	mg/Kg	☼	09/02/14 08:00	09/02/14 12:25	1
Phenolics, Total Recoverable	5.3	U	21	5.3	mg/Kg	☼	09/02/14 08:59	09/02/14 16:00	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	4.7	U	17	4.7	mg/Kg	☼		09/03/14 16:35	1

Client Sample ID: Area 1 Coarse Comp

Lab Sample ID: 660-62560-14

Date Collected: 08/29/14 12:00

Matrix: Solid

Date Received: 08/29/14 13:53

Percent Solids: 74.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.032	U	0.13	0.032	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
Acrylonitrile	0.046	U	0.13	0.046	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
Benzene	0.00098	U	0.0067	0.00098	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
Bromoform	0.0020	U	0.0067	0.0020	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
Bromomethane	0.0020	U	0.0067	0.0020	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
Carbon tetrachloride	0.0011	U	0.0067	0.0011	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
Chlorobenzene	0.0013	U	0.0067	0.0013	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
Chloroethane	0.0036	U	0.0067	0.0036	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
Chloroform	0.0015	U	0.0067	0.0015	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
Chloromethane	0.0013	U	0.0067	0.0013	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
Dibromochloromethane	0.0023	U	0.0067	0.0023	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1

Client Sample ID: Area 1 Coarse Comp
Lab Sample ID: 660-62560-14
Date Collected: 08/29/14 12:00
Matrix: Solid
Date Received: 08/29/14 13:53
Percent Solids: 74.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	0.0017	U	0.0067	0.0017	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
1,3-Dichlorobenzene	0.0021	U	0.0067	0.0021	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
1,4-Dichlorobenzene	0.00099	U	0.0067	0.00099	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
Dichlorodifluoromethane	0.0013	U	0.0067	0.0013	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
1,1-Dichloroethane	0.0015	U	0.0067	0.0015	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
1,2-Dichloroethane	0.0015	U	0.0067	0.0015	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
cis-1,2-Dichloroethene	0.0019	U	0.0067	0.0019	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
trans-1,2-Dichloroethene	0.00085	U	0.0067	0.00085	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
1,1-Dichloroethene	0.0020	U	0.0067	0.0020	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
1,2-Dichloropropane	0.0012	U	0.0067	0.0012	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
cis-1,3-Dichloropropene	0.0011	U	0.0067	0.0011	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
trans-1,3-Dichloropropene	0.0012	U	0.0067	0.0012	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
Ethylbenzene	0.0017	U	0.0067	0.0017	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
Methylene Chloride	0.0013	J3 U	0.0067	0.0013	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
Methyl tert-butyl ether	0.0013	U	0.013	0.0013	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
Tetrachloroethene	0.0026	U	0.0067	0.0026	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
Toluene	0.0011	U	0.0067	0.0011	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
1,2,4-Trichlorobenzene	0.0012	U	0.0067	0.0012	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
1,1,1-Trichloroethane	0.00079	U	0.0067	0.00079	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
1,1,2-Trichloroethane	0.0017	U	0.0067	0.0017	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
Trichloroethene	0.0017	U	0.0067	0.0017	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
Vinyl chloride	0.0020	U	0.0067	0.0020	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1
Xylenes, Total	0.0015	U	0.013	0.0015	mg/Kg	☼	09/02/14 19:27	09/03/14 01:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*90*		*65 - 130*	*09/02/14 19:27*	*09/03/14 01:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*83*		*65 - 130*	*09/02/14 19:27*	*09/03/14 01:56*	*1*
4-Bromofluorobenzene (Surr)	*111*		*65 - 130*	*09/02/14 19:27*	*09/03/14 01:56*	*1*
Toluene-d8 (Surr)	*98*		*65 - 130*	*09/02/14 19:27*	*09/03/14 01:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	U	20	20	ug/L			09/15/14 16:52	1
Acrylonitrile	20	U	20	20	ug/L			09/15/14 16:52	1
Benzene	1.0	U	1.0	1.0	ug/L			09/15/14 16:52	1
Bromoform	1.0	U	1.0	1.0	ug/L			09/15/14 16:52	1
Bromomethane	5.0	U	5.0	5.0	ug/L			09/15/14 16:52	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			09/15/14 16:52	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 16:52	1
Chloroethane	5.0	U	5.0	5.0	ug/L			09/15/14 16:52	1
Chloroform	1.0	U	1.0	1.0	ug/L			09/15/14 16:52	1
Chloromethane	1.0	U	1.0	1.0	ug/L			09/15/14 16:52	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			09/15/14 16:52	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 16:52	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 16:52	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 16:52	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			09/15/14 16:52	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 16:52	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 16:52	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 16:52	1

Client Sample ID: Area 1 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-14
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 16:52	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 16:52	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			09/15/14 16:52	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/15/14 16:52	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/15/14 16:52	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			09/15/14 16:52	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			09/15/14 16:52	1
Methyl tert-butyl ether	10	U	10	10	ug/L			09/15/14 16:52	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 16:52	1
Toluene	1.0	U	1.0	1.0	ug/L			09/15/14 16:52	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			09/15/14 16:52	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 16:52	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 16:52	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 16:52	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			09/15/14 16:52	1
Xylenes, Total	2.0	U	2.0	2.0	ug/L			09/15/14 16:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*09/15/14 16:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*09/15/14 16:52*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*09/15/14 16:52*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*09/15/14 16:52*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.055	U	0.44	0.055	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Acenaphthylene	0.049	U	0.44	0.049	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Anthracene	0.034	U	0.44	0.034	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Benzo[a]anthracene	**0.079**	**I**	0.44	0.036	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Benzo[a]pyrene	**0.10**	**I**	0.44	0.070	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Benzo[b]fluoranthene	**0.17**	**I**	0.44	0.051	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Benzo[g,h,i]perylene	0.030	U	0.44	0.030	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Benzo[k]fluoranthene	**0.11**	**I**	0.44	0.088	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Bis(2-chloroethoxy)methane	0.053	U	0.44	0.053	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Bis(2-chloroethyl)ether	0.061	U	0.44	0.061	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
bis (2-chloroisopropyl) ether	0.040	U	0.44	0.040	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Bis(2-ethylhexyl) phthalate	0.039	U	0.44	0.039	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
4-Bromophenyl phenyl ether	0.049	U	0.44	0.049	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Butyl benzyl phthalate	0.035	U	0.44	0.035	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
4-Chloroaniline	0.070	U	0.89	0.070	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
4-Chloro-3-methylphenol	0.047	U	0.44	0.047	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
2-Chloronaphthalene	0.047	U	0.44	0.047	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
2-Chlorophenol	0.054	U	0.44	0.054	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
4-Chlorophenyl phenyl ether	0.059	U	0.44	0.059	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Chrysene	**0.13**	**I**	0.44	0.028	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Dibenz(a,h)anthracene	0.053	U	0.44	0.053	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Dibenzofuran	0.044	U	0.44	0.044	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
3,3'-Dichlorobenzidine	0.038	U	0.89	0.038	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
2,4-Dichlorophenol	0.047	U	0.44	0.047	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Diethyl phthalate	0.050	U	0.44	0.050	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Area 1 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-14
Matrix: Solid
Percent Solids: 74.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	0.059	U	0.44	0.059	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Dimethyl phthalate	0.046	U	0.44	0.046	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Di-n-butyl phthalate	0.040	U	0.44	0.040	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
4,6-Dinitro-2-methylphenol	0.23	U	2.3	0.23	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
2,4-Dinitrophenol	1.1	U	2.3	1.1	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
2,4-Dinitrotoluene	0.066	U	0.44	0.066	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
2,6-Dinitrotoluene	0.057	U	0.44	0.057	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Di-n-octyl phthalate	0.039	U	0.44	0.039	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
1,2-Diphenylhydrazine(as Azobenzene)	0.046	U	0.44	0.046	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Fluoranthene	**0.16**	**I**	0.44	0.043	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Fluorene	0.049	U	0.44	0.049	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Hexachlorobenzene	0.053	U	0.44	0.053	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Hexachlorobutadiene	0.049	U	0.44	0.049	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Hexachlorocyclopentadiene	0.055	U	0.44	0.055	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Hexachloroethane	0.038	U	0.44	0.038	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Indeno[1,2,3-cd]pyrene	**0.079**	**I**	0.44	0.038	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Isophorone	0.044	U	0.44	0.044	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
1-Methylnaphthalene	0.042	U	0.44	0.042	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
2-Methylnaphthalene	0.051	U	0.44	0.051	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Naphthalene	0.040	U	0.44	0.040	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Nitrobenzene	0.035	U	0.44	0.035	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
2-Nitrophenol	0.055	U	0.44	0.055	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
4-Nitrophenol	0.44	U	2.3	0.44	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
N-Nitrosodimethylamine	0.16	U	0.44	0.16	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
N-Nitrosodi-n-propylamine	0.043	U	0.44	0.043	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
N-Nitrosodiphenylamine	0.044	U	0.44	0.044	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Pentachlorophenol	0.44	U	2.3	0.44	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Phenanthrene	0.036	U	0.44	0.036	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Phenol	0.046	U	0.44	0.046	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
Pyrene	**0.14**	**I**	0.44	0.036	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1
2,4,6-Trichlorophenol	0.039	U	0.44	0.039	mg/Kg	☼	09/03/14 13:30	09/10/14 21:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*76*		*41 - 116*	*09/03/14 13:30*	*09/10/14 21:55*	*1*
2-Fluorophenol (Surr)	*78*		*39 - 114*	*09/03/14 13:30*	*09/10/14 21:55*	*1*
Nitrobenzene-d5 (Surr)	*79*		*37 - 115*	*09/03/14 13:30*	*09/10/14 21:55*	*1*
Phenol-d5 (Surr)	*78*		*38 - 122*	*09/03/14 13:30*	*09/10/14 21:55*	*1*
Terphenyl-d14 (Surr)	*82*		*46 - 126*	*09/03/14 13:30*	*09/10/14 21:55*	*1*
2,4,6-Tribromophenol (Surr)	*87*		*45 - 129*	*09/03/14 13:30*	*09/10/14 21:55*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.2	U	10	1.2	ug/L		09/10/14 15:00	09/15/14 17:13	1
Acenaphthylene	0.85	U	10	0.85	ug/L		09/10/14 15:00	09/15/14 17:13	1
Anthracene	0.86	U	10	0.86	ug/L		09/10/14 15:00	09/15/14 17:13	1
Benzo[a]anthracene	0.88	U	10	0.88	ug/L		09/10/14 15:00	09/15/14 17:13	1
Benzo[a]pyrene	0.89	U	10	0.89	ug/L		09/10/14 15:00	09/15/14 17:13	1
Benzo[b]fluoranthene	0.80	U	10	0.80	ug/L		09/10/14 15:00	09/15/14 17:13	1
Benzo[g,h,i]perylene	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/15/14 17:13	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Area 1 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-14
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.86	U	10	0.86	ug/L		09/10/14 15:00	09/15/14 17:13	1
Bis(2-chloroethoxy)methane	0.96	U	10	0.96	ug/L		09/10/14 15:00	09/15/14 17:13	1
Bis(2-chloroethyl)ether	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/15/14 17:13	1
bis (2-chloroisopropyl) ether	1.1	U	10	1.1	ug/L		09/10/14 15:00	09/15/14 17:13	1
Bis(2-ethylhexyl) phthalate	2.5	U	10	2.5	ug/L		09/10/14 15:00	09/15/14 17:13	1
4-Bromophenyl phenyl ether	0.97	U	10	0.97	ug/L		09/10/14 15:00	09/15/14 17:13	1
Butyl benzyl phthalate	0.98	U	10	0.98	ug/L		09/10/14 15:00	09/15/14 17:13	1
4-Chloroaniline	1.7	U	20	1.7	ug/L		09/10/14 15:00	09/15/14 17:13	1
4-Chloro-3-methylphenol	1.1	U	10	1.1	ug/L		09/10/14 15:00	09/15/14 17:13	1
2-Chloronaphthalene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/15/14 17:13	1
2-Chlorophenol	1.6	U	10	1.6	ug/L		09/10/14 15:00	09/15/14 17:13	1
4-Chlorophenyl phenyl ether	1.5	U	10	1.5	ug/L		09/10/14 15:00	09/15/14 17:13	1
Chrysene	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/15/14 17:13	1
Dibenz(a,h)anthracene	2.3	U	10	2.3	ug/L		09/10/14 15:00	09/15/14 17:13	1
Dibenzofuran	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/15/14 17:13	1
3,3'-Dichlorobenzidine	6.8	U	20	6.8	ug/L		09/10/14 15:00	09/15/14 17:13	1
2,4-Dichlorophenol	3.3	U	10	3.3	ug/L		09/10/14 15:00	09/15/14 17:13	1
Diethyl phthalate	0.90	U	10	0.90	ug/L		09/10/14 15:00	09/15/14 17:13	1
2,4-Dimethylphenol	3.8	U	10	3.8	ug/L		09/10/14 15:00	09/15/14 17:13	1
Dimethyl phthalate	1.3	U	10	1.3	ug/L		09/10/14 15:00	09/15/14 17:13	1
Di-n-butyl phthalate	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/15/14 17:13	1
4,6-Dinitro-2-methylphenol	1.0	U	50	1.0	ug/L		09/10/14 15:00	09/15/14 17:13	1
2,4-Dinitrophenol	3.1	U	50	3.1	ug/L		09/10/14 15:00	09/15/14 17:13	1
2,4-Dinitrotoluene	1.7	U	10	1.7	ug/L		09/10/14 15:00	09/15/14 17:13	1
2,6-Dinitrotoluene	2.1	U	10	2.1	ug/L		09/10/14 15:00	09/15/14 17:13	1
Di-n-octyl phthalate	2.0	U	10	2.0	ug/L		09/10/14 15:00	09/15/14 17:13	1
1,2-Diphenylhydrazine(as Azobenzene)	0.99	U	10	0.99	ug/L		09/10/14 15:00	09/15/14 17:13	1
Fluoranthene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/15/14 17:13	1
Fluorene	0.90	U	10	0.90	ug/L		09/10/14 15:00	09/15/14 17:13	1
Hexachlorobenzene	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/15/14 17:13	1
Hexachlorobutadiene	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/15/14 17:13	1
Hexachlorocyclopentadiene	2.1	U	10	2.1	ug/L		09/10/14 15:00	09/15/14 17:13	1
Hexachloroethane	4.5	U	10	4.5	ug/L		09/10/14 15:00	09/15/14 17:13	1
Indeno[1,2,3-cd]pyrene	2.4	U	10	2.4	ug/L		09/10/14 15:00	09/15/14 17:13	1
Isophorone	0.85	U	10	0.85	ug/L		09/10/14 15:00	09/15/14 17:13	1
2-Methylnaphthalene	1.5	U	10	1.5	ug/L		09/10/14 15:00	09/15/14 17:13	1
1-Methylnaphthalene	2.6	U	10	2.6	ug/L		09/10/14 15:00	09/15/14 17:13	1
Naphthalene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/15/14 17:13	1
Nitrobenzene	1.6	U	10	1.6	ug/L		09/10/14 15:00	09/15/14 17:13	1
2-Nitrophenol	0.96	U	10	0.96	ug/L		09/10/14 15:00	09/15/14 17:13	1
4-Nitrophenol	2.1	U	50	2.1	ug/L		09/10/14 15:00	09/15/14 17:13	1
N-Nitrosodimethylamine	2.4	U	10	2.4	ug/L		09/10/14 15:00	09/15/14 17:13	1
N-Nitrosodi-n-propylamine	0.93	U	10	0.93	ug/L		09/10/14 15:00	09/15/14 17:13	1
N-Nitrosodiphenylamine	0.62	U	10	0.62	ug/L		09/10/14 15:00	09/15/14 17:13	1
Pentachlorophenol	1.1	U	50	1.1	ug/L		09/10/14 15:00	09/15/14 17:13	1
Phenanthrene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/15/14 17:13	1
Phenol	1.2	U	10	1.2	ug/L		09/10/14 15:00	09/15/14 17:13	1
Pyrene	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/15/14 17:13	1
2,4,6-Trichlorophenol	1.2	U	10	1.2	ug/L		09/10/14 15:00	09/15/14 17:13	1

Client Sample ID: Area 1 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-14
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*97*		*48 - 124*	*09/10/14 15:00*	*09/15/14 17:13*	*1*
2-Fluorobiphenyl	*86*		*24 - 113*	*09/10/14 15:00*	*09/15/14 17:13*	*1*
2-Fluorophenol (Surr)	*91*		*12 - 105*	*09/10/14 15:00*	*09/15/14 17:13*	*1*
Terphenyl-d14 (Surr)	*96*		*36 - 127*	*09/10/14 15:00*	*09/15/14 17:13*	*1*
Phenol-d5 (Surr)	*92*		*17 - 111*	*09/10/14 15:00*	*09/15/14 17:13*	*1*
Nitrobenzene-d5 (Surr)	*90*		*26 - 107*	*09/10/14 15:00*	*09/15/14 17:13*	*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	0.00024	U	0.0023	0.00024	mg/Kg	☼	09/03/14 09:38	09/06/14 02:45	1
4,4'-DDE	0.00024	U	0.0023	0.00024	mg/Kg	☼	09/03/14 09:38	09/06/14 02:45	1
4,4'-DDT	0.0030	U	0.023	0.0030	mg/Kg	☼	09/03/14 09:38	09/06/14 02:20	10
Aldrin	0.00020	U	0.0023	0.00020	mg/Kg	☼	09/03/14 09:38	09/06/14 02:45	1
alpha-BHC	0.00019	U	0.0023	0.00019	mg/Kg	☼	09/03/14 09:38	09/06/14 02:45	1
beta-BHC	0.00044	U	0.0023	0.00044	mg/Kg	☼	09/03/14 09:38	09/06/14 02:45	1
Chlordane (technical)	0.0039	U	0.023	0.0039	mg/Kg	☼	09/03/14 09:38	09/06/14 02:45	1
delta-BHC	0.00026	U	0.0023	0.00026	mg/Kg	☼	09/03/14 09:38	09/06/14 02:45	1
Dieldrin	0.00023	U	0.0023	0.00023	mg/Kg	☼	09/03/14 09:38	09/06/14 02:45	1
Endosulfan I	0.00023	U	0.0023	0.00023	mg/Kg	☼	09/03/14 09:38	09/06/14 02:45	1
Endosulfan II	0.00020	U	0.0023	0.00020	mg/Kg	☼	09/03/14 09:38	09/06/14 02:45	1
Endosulfan sulfate	0.00028	U	0.0023	0.00028	mg/Kg	☼	09/03/14 09:38	09/06/14 02:45	1
Endrin	0.00030	U	0.0023	0.00030	mg/Kg	☼	09/03/14 09:38	09/06/14 02:45	1
Endrin aldehyde	0.00030	U	0.0023	0.00030	mg/Kg	☼	09/03/14 09:38	09/06/14 02:45	1
Endrin ketone	0.0027	U	0.023	0.0027	mg/Kg	☼	09/03/14 09:38	09/06/14 02:20	10
gamma-BHC (Lindane)	0.00019	U	0.0023	0.00019	mg/Kg	☼	09/03/14 09:38	09/06/14 02:45	1
Heptachlor	0.0026	U	0.023	0.0026	mg/Kg	☼	09/03/14 09:38	09/06/14 02:20	10
Heptachlor epoxide	0.00022	U	0.0023	0.00022	mg/Kg	☼	09/03/14 09:38	09/06/14 02:45	1
Methoxychlor	0.0038	U	0.023	0.0038	mg/Kg	☼	09/03/14 09:38	09/06/14 02:20	10
Toxaphene	0.074	U	2.3	0.074	mg/Kg	☼	09/03/14 09:38	09/06/14 02:20	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*87*		*54 - 133*	*09/03/14 09:38*	*09/06/14 02:45*	*1*
Tetrachloro-m-xylene	*83*		*46 - 130*	*09/03/14 09:38*	*09/06/14 02:45*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	U	0.098	0.013	ug/L		09/09/14 14:42	09/10/14 14:31	1
4,4'-DDE	0.013	U	0.098	0.013	ug/L		09/09/14 14:42	09/10/14 14:31	1
4,4'-DDT	0.013	U	0.098	0.013	ug/L		09/09/14 14:42	09/10/14 14:31	1
Aldrin	0.0020	U	0.049	0.0020	ug/L		09/09/14 14:42	09/10/14 14:31	1
alpha-BHC	0.0059	U	0.049	0.0059	ug/L		09/09/14 14:42	09/10/14 14:31	1
beta-BHC	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 14:31	1
delta-BHC	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 14:31	1
Dieldrin	0.0020	U	0.098	0.0020	ug/L		09/09/14 14:42	09/10/14 14:31	1
Endosulfan I	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 14:31	1
Endosulfan II	0.013	U	0.098	0.013	ug/L		09/09/14 14:42	09/10/14 14:31	1
Endosulfan sulfate	0.013	U	0.098	0.013	ug/L		09/09/14 14:42	09/10/14 14:31	1
Endrin	0.013	U	0.098	0.013	ug/L		09/09/14 14:42	09/10/14 14:31	1
Endrin aldehyde	0.013	U	0.098	0.013	ug/L		09/09/14 14:42	09/10/14 14:31	1
Endrin ketone	0.013	U	0.098	0.013	ug/L		09/09/14 14:42	09/10/14 14:31	1
gamma-BHC (Lindane)	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 14:31	1

Client Sample ID: Area 1 Coarse Comp

Lab Sample ID: 660-62560-14

Date Collected: 08/29/14 12:00

Matrix: Solid

Date Received: 08/29/14 13:53

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 14:31	1
Heptachlor epoxide	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 14:31	1
Methoxychlor	0.013	U	0.49	0.013	ug/L		09/09/14 14:42	09/10/14 14:31	1
Chlordane (technical)	0.33	U	0.98	0.33	ug/L		09/09/14 14:42	09/10/14 14:31	1
Toxaphene	0.66	U	4.9	0.66	ug/L		09/09/14 14:42	09/10/14 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*15*	*J1*	*20 - 142*	*09/09/14 14:42*	*09/10/14 14:31*	*1*
Tetrachloro-m-xylene	*97*		*22 - 134*	*09/09/14 14:42*	*09/10/14 14:31*	*1*

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40	U	67	40	mg/Kg	☼		09/10/14 16:12	5
Sulfate	**50**	**I**	67	40	mg/Kg	☼		09/10/14 16:12	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.058	U	0.12	0.058	mg/Kg	☼	09/02/14 08:55	09/08/14 23:22	1
Arsenic	**0.37**		0.29	0.12	mg/Kg	☼	09/02/14 08:55	09/08/14 23:22	1
Barium	**1.3**		0.58	0.15	mg/Kg	☼	09/02/14 08:55	09/08/14 23:22	1
Beryllium	0.029	U	0.058	0.029	mg/Kg	☼	09/02/14 08:55	09/08/14 23:22	1
Cadmium	**0.021**	**I**	0.058	0.014	mg/Kg	☼	09/02/14 08:55	09/08/14 23:22	1
Chromium	**1.3**		0.58	0.29	mg/Kg	☼	09/02/14 08:55	09/08/14 23:22	1
Copper	**0.70**		0.58	0.23	mg/Kg	☼	09/02/14 08:55	09/08/14 23:22	1
Sodium	**19**	**I**	29	18	mg/Kg	☼	09/02/14 08:55	09/08/14 23:22	1
Nickel	**0.44**	**I**	0.58	0.29	mg/Kg	☼	09/02/14 08:55	09/08/14 23:22	1
Lead	**3.7**		0.23	0.12	mg/Kg	☼	09/02/14 08:55	09/08/14 23:22	1
Antimony	0.58	U	1.2	0.58	mg/Kg	☼	09/02/14 08:55	09/08/14 23:22	1
Selenium	0.29	U	0.58	0.29	mg/Kg	☼	09/02/14 08:55	09/08/14 23:22	1
Thallium	0.029	U	0.12	0.029	mg/Kg	☼	09/02/14 08:55	09/08/14 23:22	1
Zinc	**4.9**		2.3	0.63	mg/Kg	☼	09/02/14 08:55	09/08/14 23:22	1

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/12/14 10:37	09/13/14 12:34	1
Arsenic	2.5	U	2.5	2.5	ug/L		09/12/14 10:37	09/13/14 12:34	1
Barium	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 12:34	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/12/14 10:37	09/13/14 12:34	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/12/14 10:37	09/13/14 12:34	1
Chromium	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 12:34	1
Copper	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 12:34	1
Nickel	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 12:34	1
Lead	1.5	U	1.5	1.5	ug/L		09/12/14 10:37	09/13/14 12:34	1
Antimony	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 12:34	1
Selenium	2.5	U	2.5	2.5	ug/L		09/12/14 10:37	09/13/14 12:34	1
Thallium	1.0	U	1.0	1.0	ug/L		09/12/14 10:37	09/13/14 12:34	1
Zinc	20	U	20	20	ug/L		09/12/14 10:37	09/13/14 12:34	1

Client Sample ID: Area 1 Coarse Comp

Lab Sample ID: 660-62560-14

Date Collected: 08/29/14 12:00
Matrix: Solid
Date Received: 08/29/14 13:53

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/08/14 13:35	09/09/14 13:42	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.011	U	0.026	0.011	mg/Kg	☼	09/04/14 10:18	09/05/14 12:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**5.3**		0.40	0.17	mg/Kg	☼	09/05/14 13:59	09/05/14 15:29	1
Total Kjeldahl Nitrogen	**410**		59	35	mg/Kg	☼	09/09/14 16:23	09/10/14 11:43	1
Total Phosphorus as P	**190**		24	13	mg/Kg	☼	09/09/14 16:23	09/10/14 11:43	1
Cyanide, Total	0.27	U	0.65	0.27	mg/Kg	☼	09/02/14 08:00	09/02/14 12:28	1
Phenolics, Total Recoverable	0.84	U	3.3	0.84	mg/Kg	☼	09/02/14 08:59	09/02/14 15:39	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.74	U	2.7	0.74	mg/Kg	☼		09/03/14 16:37	1

Client Sample ID: Area 3 Coarse Comp

Lab Sample ID: 660-62560-15

Date Collected: 08/29/14 12:00
Matrix: Solid
Date Received: 08/29/14 13:53
Percent Solids: 77.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.031	U	0.13	0.031	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
Acrylonitrile	0.043	U	0.13	0.043	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
Benzene	0.00093	U	0.0064	0.00093	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
Bromoform	0.0019	U	0.0064	0.0019	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
Bromomethane	0.0019	U	0.0064	0.0019	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
Carbon tetrachloride	0.0011	U	0.0064	0.0011	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
Chlorobenzene	0.0012	U	0.0064	0.0012	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
Chloroethane	0.0034	U	0.0064	0.0034	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
Chloroform	0.0014	U	0.0064	0.0014	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
Chloromethane	0.0013	U	0.0064	0.0013	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
Dibromochloromethane	0.0022	U	0.0064	0.0022	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
1,2-Dichlorobenzene	0.0017	U	0.0064	0.0017	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
1,3-Dichlorobenzene	0.0020	U	0.0064	0.0020	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
1,4-Dichlorobenzene	0.00094	U	0.0064	0.00094	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
Dichlorodifluoromethane	0.0012	U	0.0064	0.0012	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
1,1-Dichloroethane	0.0014	U	0.0064	0.0014	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
1,2-Dichloroethane	0.0014	U	0.0064	0.0014	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
cis-1,2-Dichloroethene	0.0018	U	0.0064	0.0018	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
trans-1,2-Dichloroethene	0.00080	U	0.0064	0.00080	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
1,1-Dichloroethene	0.0019	U	0.0064	0.0019	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
1,2-Dichloropropane	0.0011	U	0.0064	0.0011	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
cis-1,3-Dichloropropene	0.0011	U	0.0064	0.0011	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
trans-1,3-Dichloropropene	0.0011	U	0.0064	0.0011	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
Ethylbenzene	0.0017	U	0.0064	0.0017	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
Methylene Chloride	**0.0014**	**I J3**	0.0064	0.0012	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
Methyl tert-butyl ether	0.0013	U	0.013	0.0013	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Area 3 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-15
Matrix: Solid
Percent Solids: 77.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.0024	U	0.0064	0.0024	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
Toluene	0.0011	U	0.0064	0.0011	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
1,2,4-Trichlorobenzene	0.0011	U	0.0064	0.0011	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
1,1,1-Trichloroethane	0.00075	U	0.0064	0.00075	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
1,1,2-Trichloroethane	0.0017	U	0.0064	0.0017	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
Trichloroethene	0.0017	U	0.0064	0.0017	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
Vinyl chloride	0.0019	U	0.0064	0.0019	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1
Xylenes, Total	0.0014	U	0.013	0.0014	mg/Kg	☼	09/02/14 19:27	09/03/14 02:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*93*		*65 - 130*	*09/02/14 19:27*	*09/03/14 02:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*65 - 130*	*09/02/14 19:27*	*09/03/14 02:17*	*1*
4-Bromofluorobenzene (Surr)	*113*		*65 - 130*	*09/02/14 19:27*	*09/03/14 02:17*	*1*
Toluene-d8 (Surr)	*96*		*65 - 130*	*09/02/14 19:27*	*09/03/14 02:17*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	U	20	20	ug/L			09/15/14 17:14	1
Acrylonitrile	20	U	20	20	ug/L			09/15/14 17:14	1
Benzene	1.0	U	1.0	1.0	ug/L			09/15/14 17:14	1
Bromoform	1.0	U	1.0	1.0	ug/L			09/15/14 17:14	1
Bromomethane	5.0	U	5.0	5.0	ug/L			09/15/14 17:14	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			09/15/14 17:14	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 17:14	1
Chloroethane	5.0	U	5.0	5.0	ug/L			09/15/14 17:14	1
Chloroform	1.0	U	1.0	1.0	ug/L			09/15/14 17:14	1
Chloromethane	1.0	U	1.0	1.0	ug/L			09/15/14 17:14	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			09/15/14 17:14	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 17:14	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 17:14	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 17:14	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			09/15/14 17:14	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 17:14	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 17:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 17:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 17:14	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 17:14	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			09/15/14 17:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/15/14 17:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/15/14 17:14	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			09/15/14 17:14	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			09/15/14 17:14	1
Methyl tert-butyl ether	10	U	10	10	ug/L			09/15/14 17:14	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 17:14	1
Toluene	1.0	U	1.0	1.0	ug/L			09/15/14 17:14	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			09/15/14 17:14	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 17:14	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 17:14	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 17:14	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			09/15/14 17:14	1

Client Sample ID: Area 3 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-15
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	2.0	ug/L			09/15/14 17:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*09/15/14 17:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*09/15/14 17:14*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*09/15/14 17:14*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*09/15/14 17:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.053	U	0.43	0.053	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Acenaphthylene	0.047	U	0.43	0.047	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Anthracene	0.032	U	0.43	0.032	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Benzo[a]anthracene	**0.077**	**I**	0.43	0.035	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Benzo[a]pyrene	**0.074**	**I**	0.43	0.067	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Benzo[b]fluoranthene	**0.14**	**I**	0.43	0.049	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Benzo[g,h,i]perylene	0.029	U	0.43	0.029	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Benzo[k]fluoranthene	0.084	U	0.43	0.084	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Bis(2-chloroethoxy)methane	0.051	U	0.43	0.051	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Bis(2-chloroethyl)ether	0.058	U	0.43	0.058	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
bis (2-chloroisopropyl) ether	0.039	U	0.43	0.039	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Bis(2-ethylhexyl) phthalate	**0.059**	**I**	0.43	0.038	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
4-Bromophenyl phenyl ether	0.047	U	0.43	0.047	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Butyl benzyl phthalate	0.034	U	0.43	0.034	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
4-Chloroaniline	0.067	U	0.86	0.067	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
4-Chloro-3-methylphenol	0.045	U	0.43	0.045	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
2-Chloronaphthalene	0.045	U	0.43	0.045	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
2-Chlorophenol	0.052	U	0.43	0.052	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
4-Chlorophenyl phenyl ether	0.057	U	0.43	0.057	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Chrysene	**0.11**	**I**	0.43	0.027	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Dibenz(a,h)anthracene	0.051	U	0.43	0.051	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Dibenzofuran	0.043	U	0.43	0.043	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
3,3'-Dichlorobenzidine	0.036	U	0.86	0.036	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
2,4-Dichlorophenol	0.045	U	0.43	0.045	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Diethyl phthalate	0.048	U	0.43	0.048	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
2,4-Dimethylphenol	0.057	U	0.43	0.057	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Dimethyl phthalate	0.044	U	0.43	0.044	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Di-n-butyl phthalate	0.039	U	0.43	0.039	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
4,6-Dinitro-2-methylphenol	0.22	U	2.2	0.22	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
2,4-Dinitrophenol	1.1	U	2.2	1.1	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
2,4-Dinitrotoluene	0.063	U	0.43	0.063	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
2,6-Dinitrotoluene	0.054	U	0.43	0.054	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Di-n-octyl phthalate	0.038	U	0.43	0.038	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
1,2-Diphenylhydrazine(as Azobenzene)	0.044	U	0.43	0.044	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Fluoranthene	**0.18**	**I**	0.43	0.041	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Fluorene	0.047	U	0.43	0.047	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Hexachlorobenzene	0.051	U	0.43	0.051	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Hexachlorobutadiene	0.047	U	0.43	0.047	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Hexachlorocyclopentadiene	0.053	U	0.43	0.053	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1

Client Sample ID: Area 3 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-15
Matrix: Solid
Percent Solids: 77.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	0.036	U	0.43	0.036	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Indeno[1,2,3-cd]pyrene	**0.063**	**I**	0.43	0.036	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Isophorone	0.043	U	0.43	0.043	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
1-Methylnaphthalene	0.040	U	0.43	0.040	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
2-Methylnaphthalene	0.049	U	0.43	0.049	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Naphthalene	0.039	U	0.43	0.039	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Nitrobenzene	0.034	U	0.43	0.034	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
2-Nitrophenol	0.053	U	0.43	0.053	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
4-Nitrophenol	0.43	U	2.2	0.43	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
N-Nitrosodimethylamine	0.16	U	0.43	0.16	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
N-Nitrosodi-n-propylamine	0.041	U	0.43	0.041	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
N-Nitrosodiphenylamine	0.043	U	0.43	0.043	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Pentachlorophenol	0.43	U	2.2	0.43	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Phenanthrene	**0.044**	**I**	0.43	0.035	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Phenol	0.044	U	0.43	0.044	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
Pyrene	**0.14**	**I**	0.43	0.035	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1
2,4,6-Trichlorophenol	0.038	U	0.43	0.038	mg/Kg	☼	09/03/14 13:30	09/10/14 22:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*80*		*41 - 116*	*09/03/14 13:30*	*09/10/14 22:20*	*1*
2-Fluorophenol (Surr)	*76*		*39 - 114*	*09/03/14 13:30*	*09/10/14 22:20*	*1*
Nitrobenzene-d5 (Surr)	*75*		*37 - 115*	*09/03/14 13:30*	*09/10/14 22:20*	*1*
Phenol-d5 (Surr)	*77*		*38 - 122*	*09/03/14 13:30*	*09/10/14 22:20*	*1*
Terphenyl-d14 (Surr)	*85*		*46 - 126*	*09/03/14 13:30*	*09/10/14 22:20*	*1*
2,4,6-Tribromophenol (Surr)	*89*		*45 - 129*	*09/03/14 13:30*	*09/10/14 22:20*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.2	U	10	1.2	ug/L		09/10/14 15:00	09/12/14 22:06	1
Acenaphthylene	0.85	U	10	0.85	ug/L		09/10/14 15:00	09/12/14 22:06	1
Anthracene	0.86	U	10	0.86	ug/L		09/10/14 15:00	09/12/14 22:06	1
Benzo[a]anthracene	0.88	U	10	0.88	ug/L		09/10/14 15:00	09/12/14 22:06	1
Benzo[a]pyrene	0.89	U	10	0.89	ug/L		09/10/14 15:00	09/12/14 22:06	1
Benzo[b]fluoranthene	0.80	U	10	0.80	ug/L		09/10/14 15:00	09/12/14 22:06	1
Benzo[g,h,i]perylene	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/12/14 22:06	1
Benzo[k]fluoranthene	0.86	U	10	0.86	ug/L		09/10/14 15:00	09/12/14 22:06	1
Bis(2-chloroethoxy)methane	0.96	U	10	0.96	ug/L		09/10/14 15:00	09/12/14 22:06	1
Bis(2-chloroethyl)ether	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/12/14 22:06	1
bis (2-chloroisopropyl) ether	1.1	U	10	1.1	ug/L		09/10/14 15:00	09/12/14 22:06	1
Bis(2-ethylhexyl) phthalate	2.5	U	10	2.5	ug/L		09/10/14 15:00	09/12/14 22:06	1
4-Bromophenyl phenyl ether	0.97	U	10	0.97	ug/L		09/10/14 15:00	09/12/14 22:06	1
Butyl benzyl phthalate	0.98	U	10	0.98	ug/L		09/10/14 15:00	09/12/14 22:06	1
4-Chloroaniline	1.7	U	20	1.7	ug/L		09/10/14 15:00	09/12/14 22:06	1
4-Chloro-3-methylphenol	1.1	U	10	1.1	ug/L		09/10/14 15:00	09/12/14 22:06	1
2-Chloronaphthalene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/12/14 22:06	1
2-Chlorophenol	1.6	U	10	1.6	ug/L		09/10/14 15:00	09/12/14 22:06	1
4-Chlorophenyl phenyl ether	1.5	U	10	1.5	ug/L		09/10/14 15:00	09/12/14 22:06	1
Chrysene	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/12/14 22:06	1
Dibenz(a,h)anthracene	2.3	U	10	2.3	ug/L		09/10/14 15:00	09/12/14 22:06	1
Dibenzofuran	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/12/14 22:06	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Area 3 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-15
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	6.8	U	20	6.8	ug/L		09/10/14 15:00	09/12/14 22:06	1
2,4-Dichlorophenol	3.3	U	10	3.3	ug/L		09/10/14 15:00	09/12/14 22:06	1
Diethyl phthalate	0.90	U	10	0.90	ug/L		09/10/14 15:00	09/12/14 22:06	1
2,4-Dimethylphenol	3.8	U	10	3.8	ug/L		09/10/14 15:00	09/12/14 22:06	1
Dimethyl phthalate	1.3	U	10	1.3	ug/L		09/10/14 15:00	09/12/14 22:06	1
Di-n-butyl phthalate	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/12/14 22:06	1
4,6-Dinitro-2-methylphenol	1.0	U	50	1.0	ug/L		09/10/14 15:00	09/12/14 22:06	1
2,4-Dinitrophenol	3.1	U	50	3.1	ug/L		09/10/14 15:00	09/12/14 22:06	1
2,4-Dinitrotoluene	1.7	U	10	1.7	ug/L		09/10/14 15:00	09/12/14 22:06	1
2,6-Dinitrotoluene	2.1	U	10	2.1	ug/L		09/10/14 15:00	09/12/14 22:06	1
Di-n-octyl phthalate	2.0	U	10	2.0	ug/L		09/10/14 15:00	09/12/14 22:06	1
1,2-Diphenylhydrazine(as Azobenzene)	0.99	U	10	0.99	ug/L		09/10/14 15:00	09/12/14 22:06	1
Fluoranthene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/12/14 22:06	1
Fluorene	0.90	U	10	0.90	ug/L		09/10/14 15:00	09/12/14 22:06	1
Hexachlorobenzene	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/12/14 22:06	1
Hexachlorobutadiene	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/12/14 22:06	1
Hexachlorocyclopentadiene	2.1	U	10	2.1	ug/L		09/10/14 15:00	09/12/14 22:06	1
Hexachloroethane	4.5	U	10	4.5	ug/L		09/10/14 15:00	09/12/14 22:06	1
Indeno[1,2,3-cd]pyrene	2.4	U	10	2.4	ug/L		09/10/14 15:00	09/12/14 22:06	1
Isophorone	0.85	U	10	0.85	ug/L		09/10/14 15:00	09/12/14 22:06	1
2-Methylnaphthalene	1.5	U	10	1.5	ug/L		09/10/14 15:00	09/12/14 22:06	1
1-Methylnaphthalene	2.6	U	10	2.6	ug/L		09/10/14 15:00	09/12/14 22:06	1
Naphthalene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/12/14 22:06	1
Nitrobenzene	1.6	U	10	1.6	ug/L		09/10/14 15:00	09/12/14 22:06	1
2-Nitrophenol	0.96	U	10	0.96	ug/L		09/10/14 15:00	09/12/14 22:06	1
4-Nitrophenol	2.1	U	50	2.1	ug/L		09/10/14 15:00	09/12/14 22:06	1
N-Nitrosodimethylamine	2.4	U	10	2.4	ug/L		09/10/14 15:00	09/12/14 22:06	1
N-Nitrosodi-n-propylamine	0.93	U	10	0.93	ug/L		09/10/14 15:00	09/12/14 22:06	1
N-Nitrosodiphenylamine	0.62	U	10	0.62	ug/L		09/10/14 15:00	09/12/14 22:06	1
Pentachlorophenol	1.1	U	50	1.1	ug/L		09/10/14 15:00	09/12/14 22:06	1
Phenanthrene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/12/14 22:06	1
Phenol	1.2	U	10	1.2	ug/L		09/10/14 15:00	09/12/14 22:06	1
Pyrene	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/12/14 22:06	1
2,4,6-Trichlorophenol	1.2	U	10	1.2	ug/L		09/10/14 15:00	09/12/14 22:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*90*		*48 - 124*	*09/10/14 15:00*	*09/12/14 22:06*	*1*
2-Fluorobiphenyl	*92*		*24 - 113*	*09/10/14 15:00*	*09/12/14 22:06*	*1*
2-Fluorophenol (Surr)	*94*		*12 - 105*	*09/10/14 15:00*	*09/12/14 22:06*	*1*
Terphenyl-d14 (Surr)	*90*		*36 - 127*	*09/10/14 15:00*	*09/12/14 22:06*	*1*
Phenol-d5 (Surr)	*91*		*17 - 111*	*09/10/14 15:00*	*09/12/14 22:06*	*1*
Nitrobenzene-d5 (Surr)	*91*		*26 - 107*	*09/10/14 15:00*	*09/12/14 22:06*	*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	0.00023	U	0.0022	0.00023	mg/Kg	☼	09/03/14 09:38	09/06/14 02:59	1
4,4'-DDE	**0.00074**	**I**	0.0022	0.00023	mg/Kg	☼	09/03/14 09:38	09/06/14 02:59	1
4,4'-DDT	0.0028	U	0.022	0.0028	mg/Kg	☼	09/03/14 09:38	09/06/14 02:35	10
Aldrin	0.00019	U	0.0022	0.00019	mg/Kg	☼	09/03/14 09:38	09/06/14 02:59	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Area 3 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-15
Matrix: Solid
Percent Solids: 77.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	0.00018	U	0.0022	0.00018	mg/Kg	☼	09/03/14 09:38	09/06/14 02:59	1
beta-BHC	0.00043	U	0.0022	0.00043	mg/Kg	☼	09/03/14 09:38	09/06/14 02:59	1
Chlordane (technical)	0.0038	U	0.022	0.0038	mg/Kg	☼	09/03/14 09:38	09/06/14 02:59	1
delta-BHC	0.00025	U	0.0022	0.00025	mg/Kg	☼	09/03/14 09:38	09/06/14 02:59	1
Dieldrin	0.00022	U	0.0022	0.00022	mg/Kg	☼	09/03/14 09:38	09/06/14 02:59	1
Endosulfan I	0.00022	U	0.0022	0.00022	mg/Kg	☼	09/03/14 09:38	09/06/14 02:59	1
Endosulfan II	0.00019	U	0.0022	0.00019	mg/Kg	☼	09/03/14 09:38	09/06/14 02:59	1
Endosulfan sulfate	0.00027	U	0.0022	0.00027	mg/Kg	☼	09/03/14 09:38	09/06/14 02:59	1
Endrin	0.00028	U	0.0022	0.00028	mg/Kg	☼	09/03/14 09:38	09/06/14 02:59	1
Endrin aldehyde	0.00028	U	0.0022	0.00028	mg/Kg	☼	09/03/14 09:38	09/06/14 02:59	1
Endrin ketone	0.0026	U	0.022	0.0026	mg/Kg	☼	09/03/14 09:38	09/06/14 02:35	10
gamma-BHC (Lindane)	0.00018	U	0.0022	0.00018	mg/Kg	☼	09/03/14 09:38	09/06/14 02:59	1
Heptachlor	0.0025	U	0.022	0.0025	mg/Kg	☼	09/03/14 09:38	09/06/14 02:35	10
Heptachlor epoxide	0.00021	U	0.0022	0.00021	mg/Kg	☼	09/03/14 09:38	09/06/14 02:59	1
Methoxychlor	0.0036	U	0.022	0.0036	mg/Kg	☼	09/03/14 09:38	09/06/14 02:35	10
Toxaphene	0.071	U	2.2	0.071	mg/Kg	☼	09/03/14 09:38	09/06/14 02:35	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*87*		*54 - 133*	*09/03/14 09:38*	*09/06/14 02:59*	*1*
Tetrachloro-m-xylene	*81*		*46 - 130*	*09/03/14 09:38*	*09/06/14 02:59*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	U	0.099	0.013	ug/L		09/09/14 14:42	09/10/14 14:45	1
4,4'-DDE	0.013	U	0.099	0.013	ug/L		09/09/14 14:42	09/10/14 14:45	1
4,4'-DDT	0.013	U	0.099	0.013	ug/L		09/09/14 14:42	09/10/14 14:45	1
Aldrin	0.0020	U	0.050	0.0020	ug/L		09/09/14 14:42	09/10/14 14:45	1
alpha-BHC	0.0060	U	0.050	0.0060	ug/L		09/09/14 14:42	09/10/14 14:45	1
beta-BHC	0.013	U	0.050	0.013	ug/L		09/09/14 14:42	09/10/14 14:45	1
delta-BHC	0.013	U	0.050	0.013	ug/L		09/09/14 14:42	09/10/14 14:45	1
Dieldrin	0.0020	U	0.099	0.0020	ug/L		09/09/14 14:42	09/10/14 14:45	1
Endosulfan I	0.013	U	0.050	0.013	ug/L		09/09/14 14:42	09/10/14 14:45	1
Endosulfan II	0.013	U	0.099	0.013	ug/L		09/09/14 14:42	09/10/14 14:45	1
Endosulfan sulfate	0.013	U	0.099	0.013	ug/L		09/09/14 14:42	09/10/14 14:45	1
Endrin	0.013	U	0.099	0.013	ug/L		09/09/14 14:42	09/10/14 14:45	1
Endrin aldehyde	0.013	U	0.099	0.013	ug/L		09/09/14 14:42	09/10/14 14:45	1
Endrin ketone	0.013	U	0.099	0.013	ug/L		09/09/14 14:42	09/10/14 14:45	1
gamma-BHC (Lindane)	0.013	U	0.050	0.013	ug/L		09/09/14 14:42	09/10/14 14:45	1
Heptachlor	0.013	U	0.050	0.013	ug/L		09/09/14 14:42	09/10/14 14:45	1
Heptachlor epoxide	0.013	U	0.050	0.013	ug/L		09/09/14 14:42	09/10/14 14:45	1
Methoxychlor	0.013	U	0.50	0.013	ug/L		09/09/14 14:42	09/10/14 14:45	1
Chlordane (technical)	0.34	U	0.99	0.34	ug/L		09/09/14 14:42	09/10/14 14:45	1
Toxaphene	0.68	U	5.0	0.68	ug/L		09/09/14 14:42	09/10/14 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*102*		*20 - 142*	*09/09/14 14:42*	*09/10/14 14:45*	*1*
Tetrachloro-m-xylene	*100*		*22 - 134*	*09/09/14 14:42*	*09/10/14 14:45*	*1*

Client Sample ID: Area 3 Coarse Comp

Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-15

Matrix: Solid
Percent Solids: 77.1

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39	U	65	39	mg/Kg	☼		09/10/14 16:27	5
Sulfate	39	U	65	39	mg/Kg	☼		09/10/14 16:27	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.056	U	0.11	0.056	mg/Kg	☼	09/02/14 08:55	09/08/14 23:38	1
Arsenic	**0.21**	**I**	0.28	0.11	mg/Kg	☼	09/02/14 08:55	09/08/14 23:38	1
Barium	**1.6**		0.56	0.15	mg/Kg	☼	09/02/14 08:55	09/08/14 23:38	1
Beryllium	0.028	U	0.056	0.028	mg/Kg	☼	09/02/14 08:55	09/08/14 23:38	1
Cadmium	**0.021**	**I**	0.056	0.013	mg/Kg	☼	09/02/14 08:55	09/08/14 23:38	1
Chromium	**1.3**		0.56	0.28	mg/Kg	☼	09/02/14 08:55	09/08/14 23:38	1
Copper	**0.85**		0.56	0.22	mg/Kg	☼	09/02/14 08:55	09/08/14 23:38	1
Sodium	**20**	**I**	28	18	mg/Kg	☼	09/02/14 08:55	09/08/14 23:38	1
Nickel	**0.43**	**I**	0.56	0.28	mg/Kg	☼	09/02/14 08:55	09/08/14 23:38	1
Lead	**5.3**		0.22	0.11	mg/Kg	☼	09/02/14 08:55	09/08/14 23:38	1
Antimony	0.56	U	1.1	0.56	mg/Kg	☼	09/02/14 08:55	09/08/14 23:38	1
Selenium	0.28	U	0.56	0.28	mg/Kg	☼	09/02/14 08:55	09/08/14 23:38	1
Thallium	0.028	U	0.11	0.028	mg/Kg	☼	09/02/14 08:55	09/08/14 23:38	1
Zinc	**5.7**		2.2	0.62	mg/Kg	☼	09/02/14 08:55	09/08/14 23:38	1

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/12/14 10:37	09/13/14 12:56	1
Arsenic	2.5	U	2.5	2.5	ug/L		09/12/14 10:37	09/13/14 12:56	1
Barium	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 12:56	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/12/14 10:37	09/13/14 12:56	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/12/14 10:37	09/13/14 12:56	1
Chromium	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 12:56	1
Copper	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 12:56	1
Nickel	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 12:56	1
Lead	**2.2**		1.5	1.5	ug/L		09/12/14 10:37	09/13/14 12:56	1
Antimony	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 12:56	1
Selenium	2.5	U	2.5	2.5	ug/L		09/12/14 10:37	09/13/14 12:56	1
Thallium	1.0	U	1.0	1.0	ug/L		09/12/14 10:37	09/13/14 12:56	1
Zinc	20	U	20	20	ug/L		09/12/14 10:37	09/13/14 12:56	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/08/14 13:35	09/09/14 13:45	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.010	U	0.025	0.010	mg/Kg	☼	09/04/14 10:18	09/05/14 12:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**2.8**		0.39	0.17	mg/Kg	☼	09/05/14 13:59	09/05/14 15:29	1
Total Kjeldahl Nitrogen	**340**		59	36	mg/Kg	☼	09/09/14 16:23	09/10/14 11:44	1
Total Phosphorus as P	**330**		24	13	mg/Kg	☼	09/09/14 16:23	09/10/14 11:44	1
Cyanide, Total	0.27	U	0.65	0.27	mg/Kg	☼	09/02/14 08:00	09/02/14 12:29	1
Phenolics, Total Recoverable	0.77	U	3.1	0.77	mg/Kg	☼	09/02/14 08:59	09/02/14 15:43	1

Client Sample ID: Area 3 Coarse Comp

Lab Sample ID: 660-62560-15

Date Collected: 08/29/14 12:00
Matrix: Solid
Date Received: 08/29/14 13:53
Percent Solids: 77.1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.71	U	2.6	0.71	mg/Kg	☼		09/03/14 16:38	1

Client Sample ID: Area 5 Coarse Comp

Lab Sample ID: 660-62560-16

Date Collected: 08/29/14 12:00
Matrix: Solid
Date Received: 08/29/14 13:53
Percent Solids: 74.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.032	U	0.13	0.032	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
Acrylonitrile	0.045	U	0.13	0.045	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
Benzene	0.00097	U	0.0067	0.00097	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
Bromoform	0.0020	U	0.0067	0.0020	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
Bromomethane	0.0020	U	0.0067	0.0020	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
Carbon tetrachloride	0.0011	U	0.0067	0.0011	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
Chlorobenzene	0.0013	U	0.0067	0.0013	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
Chloroethane	0.0036	U	0.0067	0.0036	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
Chloroform	0.0015	U	0.0067	0.0015	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
Chloromethane	0.0013	U	0.0067	0.0013	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
Dibromochloromethane	0.0023	U	0.0067	0.0023	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
1,2-Dichlorobenzene	0.0017	U	0.0067	0.0017	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
1,3-Dichlorobenzene	0.0021	U	0.0067	0.0021	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
1,4-Dichlorobenzene	0.00099	U	0.0067	0.00099	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
Dichlorodifluoromethane	0.0013	U	0.0067	0.0013	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
1,1-Dichloroethane	0.0015	U	0.0067	0.0015	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
1,2-Dichloroethane	0.0015	U	0.0067	0.0015	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
cis-1,2-Dichloroethene	0.0019	U	0.0067	0.0019	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
trans-1,2-Dichloroethene	0.00084	U	0.0067	0.00084	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
1,1-Dichloroethene	0.0020	U	0.0067	0.0020	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
1,2-Dichloropropane	0.0011	U	0.0067	0.0011	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
cis-1,3-Dichloropropene	0.0011	U	0.0067	0.0011	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
trans-1,3-Dichloropropene	0.0012	U	0.0067	0.0012	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
Ethylbenzene	0.0017	U	0.0067	0.0017	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
Methylene Chloride	**0.0015**	**I J3**	0.0067	0.0013	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
Methyl tert-butyl ether	0.0013	U	0.013	0.0013	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
Tetrachloroethene	0.0025	U	0.0067	0.0025	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
Toluene	0.0011	U	0.0067	0.0011	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
1,2,4-Trichlorobenzene	0.0012	U	0.0067	0.0012	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
1,1,1-Trichloroethane	0.00079	U	0.0067	0.00079	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
1,1,2-Trichloroethane	0.0017	U	0.0067	0.0017	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
Trichloroethene	0.0017	U	0.0067	0.0017	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
Vinyl chloride	0.0020	U	0.0067	0.0020	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1
Xylenes, Total	0.0015	U	0.013	0.0015	mg/Kg	☼	09/02/14 19:27	09/03/14 02:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*93*		*65 - 130*	*09/02/14 19:27*	*09/03/14 02:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 130*	*09/02/14 19:27*	*09/03/14 02:38*	*1*
4-Bromofluorobenzene (Surr)	*114*		*65 - 130*	*09/02/14 19:27*	*09/03/14 02:38*	*1*
Toluene-d8 (Surr)	*97*		*65 - 130*	*09/02/14 19:27*	*09/03/14 02:38*	*1*

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Area 5 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-16
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	U	20	20	ug/L			09/15/14 17:35	1
Acrylonitrile	20	U	20	20	ug/L			09/15/14 17:35	1
Benzene	1.0	U	1.0	1.0	ug/L			09/15/14 17:35	1
Bromoform	1.0	U	1.0	1.0	ug/L			09/15/14 17:35	1
Bromomethane	5.0	U	5.0	5.0	ug/L			09/15/14 17:35	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			09/15/14 17:35	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 17:35	1
Chloroethane	5.0	U	5.0	5.0	ug/L			09/15/14 17:35	1
Chloroform	1.0	U	1.0	1.0	ug/L			09/15/14 17:35	1
Chloromethane	1.0	U	1.0	1.0	ug/L			09/15/14 17:35	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			09/15/14 17:35	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 17:35	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 17:35	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 17:35	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			09/15/14 17:35	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 17:35	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 17:35	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 17:35	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 17:35	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 17:35	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			09/15/14 17:35	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/15/14 17:35	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/15/14 17:35	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			09/15/14 17:35	1
Methylene Chloride	**11**		5.0	5.0	ug/L			09/15/14 17:35	1
Methyl tert-butyl ether	10	U	10	10	ug/L			09/15/14 17:35	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 17:35	1
Toluene	1.0	U	1.0	1.0	ug/L			09/15/14 17:35	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			09/15/14 17:35	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 17:35	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 17:35	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 17:35	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			09/15/14 17:35	1
Xylenes, Total	2.0	U	2.0	2.0	ug/L			09/15/14 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*09/15/14 17:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*09/15/14 17:35*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*09/15/14 17:35*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*09/15/14 17:35*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.055	U	0.44	0.055	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Acenaphthylene	0.048	U	0.44	0.048	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Anthracene	0.033	U	0.44	0.033	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Benzo[a]anthracene	0.036	U	0.44	0.036	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Benzo[a]pyrene	0.070	U	0.44	0.070	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Benzo[b]fluoranthene	0.051	U	0.44	0.051	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Benzo[g,h,i]perylene	0.029	U	0.44	0.029	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Area 5 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-16
Matrix: Solid
Percent Solids: 74.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.087	U	0.44	0.087	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Bis(2-chloroethoxy)methane	0.052	U	0.44	0.052	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Bis(2-chloroethyl)ether	0.060	U	0.44	0.060	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
bis (2-chloroisopropyl) ether	0.040	U	0.44	0.040	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Bis(2-ethylhexyl) phthalate	0.039	U	0.44	0.039	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
4-Bromophenyl phenyl ether	0.048	U	0.44	0.048	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Butyl benzyl phthalate	0.035	U	0.44	0.035	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
4-Chloroaniline	0.070	U	0.88	0.070	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
4-Chloro-3-methylphenol	0.047	U	0.44	0.047	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
2-Chloronaphthalene	0.047	U	0.44	0.047	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
2-Chlorophenol	0.054	U	0.44	0.054	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
4-Chlorophenyl phenyl ether	0.059	U	0.44	0.059	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Chrysene	0.028	U	0.44	0.028	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Dibenz(a,h)anthracene	0.052	U	0.44	0.052	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Dibenzofuran	0.044	U	0.44	0.044	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
3,3'-Dichlorobenzidine	0.037	U	0.88	0.037	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
2,4-Dichlorophenol	0.047	U	0.44	0.047	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Diethyl phthalate	0.050	U	0.44	0.050	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
2,4-Dimethylphenol	0.059	U	0.44	0.059	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Dimethyl phthalate	0.045	U	0.44	0.045	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Di-n-butyl phthalate	0.040	U	0.44	0.040	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
4,6-Dinitro-2-methylphenol	0.23	U	2.3	0.23	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
2,4-Dinitrophenol	1.1	U	2.3	1.1	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
2,4-Dinitrotoluene	0.066	U	0.44	0.066	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
2,6-Dinitrotoluene	0.056	U	0.44	0.056	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Di-n-octyl phthalate	0.039	U	0.44	0.039	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
1,2-Diphenylhydrazine(as Azobenzene)	0.045	U	0.44	0.045	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Fluoranthene	0.043	U	0.44	0.043	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Fluorene	0.048	U	0.44	0.048	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Hexachlorobenzene	0.052	U	0.44	0.052	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Hexachlorobutadiene	0.048	U	0.44	0.048	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Hexachlorocyclopentadiene	0.055	U	0.44	0.055	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Hexachloroethane	0.037	U	0.44	0.037	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.44	0.037	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Isophorone	0.044	U	0.44	0.044	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
1-Methylnaphthalene	0.041	U	0.44	0.041	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
2-Methylnaphthalene	0.051	U	0.44	0.051	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Naphthalene	0.040	U	0.44	0.040	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Nitrobenzene	0.035	U	0.44	0.035	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
2-Nitrophenol	0.055	U	0.44	0.055	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
4-Nitrophenol	0.44	U	2.3	0.44	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
N-Nitrosodimethylamine	0.16	U	0.44	0.16	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
N-Nitrosodi-n-propylamine	0.043	U	0.44	0.043	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
N-Nitrosodiphenylamine	0.044	U	0.44	0.044	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Pentachlorophenol	0.44	U	2.3	0.44	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Phenanthrene	0.036	U	0.44	0.036	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Phenol	0.045	U	0.44	0.045	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
Pyrene	0.036	U	0.44	0.036	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1
2,4,6-Trichlorophenol	0.039	U	0.44	0.039	mg/Kg	☼	09/03/14 13:30	09/11/14 13:22	1

Client Sample ID: Area 5 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-16
Matrix: Solid
Percent Solids: 74.6

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*76*		*41 - 116*	*09/03/14 13:30*	*09/11/14 13:22*	*1*
2-Fluorophenol (Surr)	*70*		*39 - 114*	*09/03/14 13:30*	*09/11/14 13:22*	*1*
Nitrobenzene-d5 (Surr)	*72*		*37 - 115*	*09/03/14 13:30*	*09/11/14 13:22*	*1*
Phenol-d5 (Surr)	*64*		*38 - 122*	*09/03/14 13:30*	*09/11/14 13:22*	*1*
Terphenyl-d14 (Surr)	*92*		*46 - 126*	*09/03/14 13:30*	*09/11/14 13:22*	*1*
2,4,6-Tribromophenol (Surr)	*104*		*45 - 129*	*09/03/14 13:30*	*09/11/14 13:22*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.2	U	10	1.2	ug/L		09/10/14 15:00	09/12/14 22:35	1
Acenaphthylene	0.85	U	10	0.85	ug/L		09/10/14 15:00	09/12/14 22:35	1
Anthracene	0.86	U	10	0.86	ug/L		09/10/14 15:00	09/12/14 22:35	1
Benzo[a]anthracene	0.88	U	10	0.88	ug/L		09/10/14 15:00	09/12/14 22:35	1
Benzo[a]pyrene	0.89	U	10	0.89	ug/L		09/10/14 15:00	09/12/14 22:35	1
Benzo[b]fluoranthene	0.80	U	10	0.80	ug/L		09/10/14 15:00	09/12/14 22:35	1
Benzo[g,h,i]perylene	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/12/14 22:35	1
Benzo[k]fluoranthene	0.86	U	10	0.86	ug/L		09/10/14 15:00	09/12/14 22:35	1
Bis(2-chloroethoxy)methane	0.96	U	10	0.96	ug/L		09/10/14 15:00	09/12/14 22:35	1
Bis(2-chloroethyl)ether	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/12/14 22:35	1
bis (2-chloroisopropyl) ether	1.1	U	10	1.1	ug/L		09/10/14 15:00	09/12/14 22:35	1
Bis(2-ethylhexyl) phthalate	2.5	U	10	2.5	ug/L		09/10/14 15:00	09/12/14 22:35	1
4-Bromophenyl phenyl ether	0.97	U	10	0.97	ug/L		09/10/14 15:00	09/12/14 22:35	1
Butyl benzyl phthalate	0.98	U	10	0.98	ug/L		09/10/14 15:00	09/12/14 22:35	1
4-Chloroaniline	1.7	U	20	1.7	ug/L		09/10/14 15:00	09/12/14 22:35	1
4-Chloro-3-methylphenol	1.1	U	10	1.1	ug/L		09/10/14 15:00	09/12/14 22:35	1
2-Chloronaphthalene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/12/14 22:35	1
2-Chlorophenol	1.6	U	10	1.6	ug/L		09/10/14 15:00	09/12/14 22:35	1
4-Chlorophenyl phenyl ether	1.5	U	10	1.5	ug/L		09/10/14 15:00	09/12/14 22:35	1
Chrysene	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/12/14 22:35	1
Dibenz(a,h)anthracene	2.3	U	10	2.3	ug/L		09/10/14 15:00	09/12/14 22:35	1
Dibenzofuran	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/12/14 22:35	1
3,3'-Dichlorobenzidine	6.8	U	20	6.8	ug/L		09/10/14 15:00	09/12/14 22:35	1
2,4-Dichlorophenol	3.3	U	10	3.3	ug/L		09/10/14 15:00	09/12/14 22:35	1
Diethyl phthalate	0.90	U	10	0.90	ug/L		09/10/14 15:00	09/12/14 22:35	1
2,4-Dimethylphenol	3.8	U	10	3.8	ug/L		09/10/14 15:00	09/12/14 22:35	1
Dimethyl phthalate	1.3	U	10	1.3	ug/L		09/10/14 15:00	09/12/14 22:35	1
Di-n-butyl phthalate	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/12/14 22:35	1
4,6-Dinitro-2-methylphenol	1.0	U	50	1.0	ug/L		09/10/14 15:00	09/12/14 22:35	1
2,4-Dinitrophenol	3.1	U	50	3.1	ug/L		09/10/14 15:00	09/12/14 22:35	1
2,4-Dinitrotoluene	1.7	U	10	1.7	ug/L		09/10/14 15:00	09/12/14 22:35	1
2,6-Dinitrotoluene	2.1	U	10	2.1	ug/L		09/10/14 15:00	09/12/14 22:35	1
Di-n-octyl phthalate	2.0	U	10	2.0	ug/L		09/10/14 15:00	09/12/14 22:35	1
1,2-Diphenylhydrazine(as Azobenzene)	0.99	U	10	0.99	ug/L		09/10/14 15:00	09/12/14 22:35	1
Fluoranthene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/12/14 22:35	1
Fluorene	0.90	U	10	0.90	ug/L		09/10/14 15:00	09/12/14 22:35	1
Hexachlorobenzene	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/12/14 22:35	1
Hexachlorobutadiene	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/12/14 22:35	1
Hexachlorocyclopentadiene	2.1	U	10	2.1	ug/L		09/10/14 15:00	09/12/14 22:35	1
Hexachloroethane	4.5	U	10	4.5	ug/L		09/10/14 15:00	09/12/14 22:35	1

Client Sample ID: Area 5 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-16
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	2.4	U	10	2.4	ug/L		09/10/14 15:00	09/12/14 22:35	1
Isophorone	0.85	U	10	0.85	ug/L		09/10/14 15:00	09/12/14 22:35	1
2-Methylnaphthalene	1.5	U	10	1.5	ug/L		09/10/14 15:00	09/12/14 22:35	1
1-Methylnaphthalene	2.6	U	10	2.6	ug/L		09/10/14 15:00	09/12/14 22:35	1
Naphthalene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/12/14 22:35	1
Nitrobenzene	1.6	U	10	1.6	ug/L		09/10/14 15:00	09/12/14 22:35	1
2-Nitrophenol	0.96	U	10	0.96	ug/L		09/10/14 15:00	09/12/14 22:35	1
4-Nitrophenol	2.1	U	50	2.1	ug/L		09/10/14 15:00	09/12/14 22:35	1
N-Nitrosodimethylamine	2.4	U	10	2.4	ug/L		09/10/14 15:00	09/12/14 22:35	1
N-Nitrosodi-n-propylamine	0.93	U	10	0.93	ug/L		09/10/14 15:00	09/12/14 22:35	1
N-Nitrosodiphenylamine	0.62	U	10	0.62	ug/L		09/10/14 15:00	09/12/14 22:35	1
Pentachlorophenol	1.1	U	50	1.1	ug/L		09/10/14 15:00	09/12/14 22:35	1
Phenanthrene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/12/14 22:35	1
Phenol	1.2	U	10	1.2	ug/L		09/10/14 15:00	09/12/14 22:35	1
Pyrene	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/12/14 22:35	1
2,4,6-Trichlorophenol	1.2	U	10	1.2	ug/L		09/10/14 15:00	09/12/14 22:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*92*		*48 - 124*	*09/10/14 15:00*	*09/12/14 22:35*	*1*
2-Fluorobiphenyl	*87*		*24 - 113*	*09/10/14 15:00*	*09/12/14 22:35*	*1*
2-Fluorophenol (Surr)	*81*		*12 - 105*	*09/10/14 15:00*	*09/12/14 22:35*	*1*
Terphenyl-d14 (Surr)	*96*		*36 - 127*	*09/10/14 15:00*	*09/12/14 22:35*	*1*
Phenol-d5 (Surr)	*82*		*17 - 111*	*09/10/14 15:00*	*09/12/14 22:35*	*1*
Nitrobenzene-d5 (Surr)	*85*		*26 - 107*	*09/10/14 15:00*	*09/12/14 22:35*	*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	0.00024	U	0.0023	0.00024	mg/Kg	☼	09/03/14 09:38	09/06/14 03:13	1
4,4'-DDE	0.00024	U	0.0023	0.00024	mg/Kg	☼	09/03/14 09:38	09/06/14 03:13	1
4,4'-DDT	0.0029	U	0.023	0.0029	mg/Kg	☼	09/03/14 09:38	09/06/14 02:50	10
Aldrin	0.00020	U	0.0023	0.00020	mg/Kg	☼	09/03/14 09:38	09/06/14 03:13	1
alpha-BHC	0.00019	U	0.0023	0.00019	mg/Kg	☼	09/03/14 09:38	09/06/14 03:13	1
beta-BHC	0.00044	U	0.0023	0.00044	mg/Kg	☼	09/03/14 09:38	09/06/14 03:13	1
Chlordane (technical)	0.0039	U	0.023	0.0039	mg/Kg	☼	09/03/14 09:38	09/06/14 03:13	1
delta-BHC	0.00025	U	0.0023	0.00025	mg/Kg	☼	09/03/14 09:38	09/06/14 03:13	1
Dieldrin	0.00023	U	0.0023	0.00023	mg/Kg	☼	09/03/14 09:38	09/06/14 03:13	1
Endosulfan I	0.00023	U	0.0023	0.00023	mg/Kg	☼	09/03/14 09:38	09/06/14 03:13	1
Endosulfan II	0.00020	U	0.0023	0.00020	mg/Kg	☼	09/03/14 09:38	09/06/14 03:13	1
Endosulfan sulfate	0.00028	U	0.0023	0.00028	mg/Kg	☼	09/03/14 09:38	09/06/14 03:13	1
Endrin	0.00029	U	0.0023	0.00029	mg/Kg	☼	09/03/14 09:38	09/06/14 03:13	1
Endrin aldehyde	0.00029	U	0.0023	0.00029	mg/Kg	☼	09/03/14 09:38	09/06/14 03:13	1
Endrin ketone	0.0027	U	0.023	0.0027	mg/Kg	☼	09/03/14 09:38	09/06/14 02:50	10
gamma-BHC (Lindane)	0.00019	U	0.0023	0.00019	mg/Kg	☼	09/03/14 09:38	09/06/14 03:13	1
Heptachlor	0.0025	U	0.023	0.0025	mg/Kg	☼	09/03/14 09:38	09/06/14 02:50	10
Heptachlor epoxide	0.00021	U	0.0023	0.00021	mg/Kg	☼	09/03/14 09:38	09/06/14 03:13	1
Methoxychlor	0.0037	U	0.023	0.0037	mg/Kg	☼	09/03/14 09:38	09/06/14 02:50	10
Toxaphene	0.073	U	2.3	0.073	mg/Kg	☼	09/03/14 09:38	09/06/14 02:50	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*88*		*54 - 133*	*09/03/14 09:38*	*09/06/14 03:13*	*1*

Client Sample ID: Area 5 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-16
Matrix: Solid
Percent Solids: 74.6

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*84*		*46 - 130*	*09/03/14 09:38*	*09/06/14 03:13*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	U	0.098	0.013	ug/L		09/09/14 14:42	09/10/14 15:00	1
4,4'-DDE	0.013	U	0.098	0.013	ug/L		09/09/14 14:42	09/10/14 15:00	1
4,4'-DDT	0.013	U	0.098	0.013	ug/L		09/09/14 14:42	09/10/14 15:00	1
Aldrin	0.0020	U	0.049	0.0020	ug/L		09/09/14 14:42	09/10/14 15:00	1
alpha-BHC	0.0059	U	0.049	0.0059	ug/L		09/09/14 14:42	09/10/14 15:00	1
beta-BHC	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 15:00	1
delta-BHC	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 15:00	1
Dieldrin	0.0020	U	0.098	0.0020	ug/L		09/09/14 14:42	09/10/14 15:00	1
Endosulfan I	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 15:00	1
Endosulfan II	0.013	U	0.098	0.013	ug/L		09/09/14 14:42	09/10/14 15:00	1
Endosulfan sulfate	0.013	U	0.098	0.013	ug/L		09/09/14 14:42	09/10/14 15:00	1
Endrin	0.013	U	0.098	0.013	ug/L		09/09/14 14:42	09/10/14 15:00	1
Endrin aldehyde	0.013	U	0.098	0.013	ug/L		09/09/14 14:42	09/10/14 15:00	1
Endrin ketone	0.013	U	0.098	0.013	ug/L		09/09/14 14:42	09/10/14 15:00	1
gamma-BHC (Lindane)	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 15:00	1
Heptachlor	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 15:00	1
Heptachlor epoxide	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 15:00	1
Methoxychlor	0.013	U	0.49	0.013	ug/L		09/09/14 14:42	09/10/14 15:00	1
Chlordane (technical)	0.33	U	0.98	0.33	ug/L		09/09/14 14:42	09/10/14 15:00	1
Toxaphene	0.67	U	4.9	0.67	ug/L		09/09/14 14:42	09/10/14 15:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*91*		*20 - 142*	*09/09/14 14:42*	*09/10/14 15:00*	*1*
Tetrachloro-m-xylene	*110*		*22 - 134*	*09/09/14 14:42*	*09/10/14 15:00*	*1*

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40	U	66	40	mg/Kg	☼		09/10/14 16:41	5
Sulfate	40	U	66	40	mg/Kg	☼		09/10/14 16:41	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.061	U	0.12	0.061	mg/Kg	☼	09/02/14 08:55	09/08/14 23:44	1
Arsenic	**0.17**	**I**	0.30	0.12	mg/Kg	☼	09/02/14 08:55	09/08/14 23:44	1
Barium	**1.4**		0.61	0.16	mg/Kg	☼	09/02/14 08:55	09/08/14 23:44	1
Beryllium	0.030	U	0.061	0.030	mg/Kg	☼	09/02/14 08:55	09/08/14 23:44	1
Cadmium	**0.016**	**I**	0.061	0.015	mg/Kg	☼	09/02/14 08:55	09/08/14 23:44	1
Chromium	**1.0**		0.61	0.30	mg/Kg	☼	09/02/14 08:55	09/08/14 23:44	1
Copper	**0.72**		0.61	0.24	mg/Kg	☼	09/02/14 08:55	09/08/14 23:44	1
Sodium	19	U	30	19	mg/Kg	☼	09/02/14 08:55	09/08/14 23:44	1
Nickel	**0.54**	**I**	0.61	0.30	mg/Kg	☼	09/02/14 08:55	09/08/14 23:44	1
Lead	**1.2**		0.24	0.12	mg/Kg	☼	09/02/14 08:55	09/08/14 23:44	1
Antimony	0.61	U	1.2	0.61	mg/Kg	☼	09/02/14 08:55	09/08/14 23:44	1
Selenium	0.30	U	0.61	0.30	mg/Kg	☼	09/02/14 08:55	09/08/14 23:44	1
Thallium	0.030	U	0.12	0.030	mg/Kg	☼	09/02/14 08:55	09/08/14 23:44	1
Zinc	**2.4**		2.4	0.67	mg/Kg	☼	09/02/14 08:55	09/08/14 23:44	1

Client Sample ID: Area 5 Coarse Comp

Lab Sample ID: 660-62560-16

Date Collected: 08/29/14 12:00

Matrix: Solid

Date Received: 08/29/14 13:53

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/12/14 10:37	09/13/14 13:03	1
Arsenic	2.5	U	2.5	2.5	ug/L		09/12/14 10:37	09/13/14 13:03	1
Barium	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 13:03	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/12/14 10:37	09/13/14 13:03	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/12/14 10:37	09/13/14 13:03	1
Chromium	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 13:03	1
Copper	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 13:03	1
Nickel	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 13:03	1
Lead	1.5	U	1.5	1.5	ug/L		09/12/14 10:37	09/13/14 13:03	1
Antimony	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 13:03	1
Selenium	2.5	U	2.5	2.5	ug/L		09/12/14 10:37	09/13/14 13:03	1
Thallium	1.0	U	1.0	1.0	ug/L		09/12/14 10:37	09/13/14 13:03	1
Zinc	20	U	20	20	ug/L		09/12/14 10:37	09/13/14 13:03	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/08/14 13:35	09/09/14 13:48	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0092	U	0.022	0.0092	mg/Kg	☼	09/04/14 10:18	09/05/14 12:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**0.42**		0.40	0.17	mg/Kg	☼	09/05/14 13:59	09/05/14 15:29	1
Total Kjeldahl Nitrogen	**140**		65	39	mg/Kg	☼	09/09/14 16:23	09/10/14 11:45	1
Total Phosphorus as P	**94**		26	14	mg/Kg	☼	09/09/14 16:23	09/10/14 11:45	1
Cyanide, Total	0.28	U	0.66	0.28	mg/Kg	☼	09/02/14 08:00	09/02/14 12:30	1
Phenolics, Total Recoverable	0.84	U	3.3	0.84	mg/Kg	☼	09/02/14 08:59	09/02/14 15:43	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.74	U	2.7	0.74	mg/Kg	☼		09/03/14 16:41	1

Client Sample ID: Area 6 Coarse Comp

Lab Sample ID: 660-62560-17

Date Collected: 08/29/14 12:00

Matrix: Solid

Date Received: 08/29/14 13:53

Percent Solids: 14.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.17	U	0.71	0.17	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
Acrylonitrile	0.24	U	0.71	0.24	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
Benzene	0.0052	U	0.036	0.0052	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
Bromoform	0.011	U	0.036	0.011	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
Bromomethane	0.011	U	0.036	0.011	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
Carbon tetrachloride	0.0059	U	0.036	0.0059	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
Chlorobenzene	0.0068	U	0.036	0.0068	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
Chloroethane	0.019	U	0.036	0.019	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
Chloroform	0.0078	U	0.036	0.0078	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
Chloromethane	0.0071	U	0.036	0.0071	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
Dibromochloromethane	0.012	U	0.036	0.012	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1

Client Sample ID: Area 6 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-17
Matrix: Solid
Percent Solids: 14.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	0.0092	U	0.036	0.0092	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
1,3-Dichlorobenzene	0.011	U	0.036	0.011	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
1,4-Dichlorobenzene	0.0053	U	0.036	0.0053	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
Dichlorodifluoromethane	0.0067	U	0.036	0.0067	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
1,1-Dichloroethane	0.0078	U	0.036	0.0078	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
1,2-Dichloroethane	0.0078	U	0.036	0.0078	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
cis-1,2-Dichloroethene	0.010	U	0.036	0.010	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
trans-1,2-Dichloroethene	0.0045	U	0.036	0.0045	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
1,1-Dichloroethene	0.011	U	0.036	0.011	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
1,2-Dichloropropane	0.0061	U	0.036	0.0061	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
cis-1,3-Dichloropropene	0.0059	U	0.036	0.0059	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
trans-1,3-Dichloropropene	0.0062	U	0.036	0.0062	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
Ethylbenzene	0.0092	U	0.036	0.0092	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
Methylene Chloride	**0.0077**	**I J3**	0.036	0.0070	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
Methyl tert-butyl ether	0.0071	U	0.071	0.0071	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
Tetrachloroethene	0.014	U	0.036	0.014	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
Toluene	0.0060	U	0.036	0.0060	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
1,2,4-Trichlorobenzene	0.0063	U	0.036	0.0063	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
1,1,1-Trichloroethane	0.0042	U	0.036	0.0042	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
1,1,2-Trichloroethane	0.0092	U	0.036	0.0092	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
Trichloroethene	0.0092	U	0.036	0.0092	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
Vinyl chloride	0.011	U	0.036	0.011	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1
Xylenes, Total	0.0078	U	0.071	0.0078	mg/Kg	☼	09/02/14 19:27	09/03/14 02:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*93*		*65 - 130*	*09/02/14 19:27*	*09/03/14 02:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 130*	*09/02/14 19:27*	*09/03/14 02:59*	*1*
4-Bromofluorobenzene (Surr)	*117*		*65 - 130*	*09/02/14 19:27*	*09/03/14 02:59*	*1*
Toluene-d8 (Surr)	*98*		*65 - 130*	*09/02/14 19:27*	*09/03/14 02:59*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	U	20	20	ug/L			09/15/14 17:57	1
Acrylonitrile	20	U	20	20	ug/L			09/15/14 17:57	1
Benzene	1.0	U	1.0	1.0	ug/L			09/15/14 17:57	1
Bromoform	1.0	U	1.0	1.0	ug/L			09/15/14 17:57	1
Bromomethane	5.0	U	5.0	5.0	ug/L			09/15/14 17:57	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			09/15/14 17:57	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 17:57	1
Chloroethane	5.0	U	5.0	5.0	ug/L			09/15/14 17:57	1
Chloroform	1.0	U	1.0	1.0	ug/L			09/15/14 17:57	1
Chloromethane	1.0	U	1.0	1.0	ug/L			09/15/14 17:57	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			09/15/14 17:57	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 17:57	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 17:57	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 17:57	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			09/15/14 17:57	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 17:57	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 17:57	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 17:57	1

Client Sample ID: Area 6 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-17
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 17:57	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 17:57	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			09/15/14 17:57	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/15/14 17:57	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/15/14 17:57	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			09/15/14 17:57	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			09/15/14 17:57	1
Methyl tert-butyl ether	10	U	10	10	ug/L			09/15/14 17:57	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 17:57	1
Toluene	1.0	U	1.0	1.0	ug/L			09/15/14 17:57	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			09/15/14 17:57	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 17:57	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 17:57	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 17:57	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			09/15/14 17:57	1
Xylenes, Total	2.0	U	2.0	2.0	ug/L			09/15/14 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*09/15/14 17:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*09/15/14 17:57*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*09/15/14 17:57*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*09/15/14 17:57*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.29	U	2.3	0.29	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Acenaphthylene	0.26	U	2.3	0.26	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Anthracene	0.18	U	2.3	0.18	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Benzo[a]anthracene	0.19	U	2.3	0.19	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Benzo[a]pyrene	0.37	U	2.3	0.37	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Benzo[b]fluoranthene	0.27	U	2.3	0.27	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Benzo[g,h,i]perylene	0.16	U	2.3	0.16	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Benzo[k]fluoranthene	0.46	U	2.3	0.46	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Bis(2-chloroethoxy)methane	0.28	U	2.3	0.28	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Bis(2-chloroethyl)ether	0.32	U	2.3	0.32	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
bis (2-chloroisopropyl) ether	0.21	U	2.3	0.21	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Bis(2-ethylhexyl) phthalate	0.21	U	2.3	0.21	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
4-Bromophenyl phenyl ether	0.26	U	2.3	0.26	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Butyl benzyl phthalate	0.19	U	2.3	0.19	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
4-Chloroaniline	0.37	U	4.7	0.37	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
4-Chloro-3-methylphenol	0.25	U	2.3	0.25	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
2-Chloronaphthalene	0.25	U	2.3	0.25	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
2-Chlorophenol	0.28	U	2.3	0.28	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
4-Chlorophenyl phenyl ether	0.31	U	2.3	0.31	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Chrysene	0.15	U	2.3	0.15	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Dibenz(a,h)anthracene	0.28	U	2.3	0.28	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Dibenzofuran	0.23	U	2.3	0.23	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
3,3'-Dichlorobenzidine	0.20	U	4.7	0.20	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
2,4-Dichlorophenol	0.25	U	2.3	0.25	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Diethyl phthalate	0.26	U	2.3	0.26	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1

Client Sample ID: Area 6 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-17
Matrix: Solid
Percent Solids: 14.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	0.31	U	2.3	0.31	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Dimethyl phthalate	0.24	U	2.3	0.24	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Di-n-butyl phthalate	0.21	U	2.3	0.21	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
4,6-Dinitro-2-methylphenol	1.2	U	12	1.2	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
2,4-Dinitrophenol	5.9	U	12	5.9	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
2,4-Dinitrotoluene	0.35	U	2.3	0.35	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
2,6-Dinitrotoluene	0.30	U	2.3	0.30	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Di-n-octyl phthalate	0.21	U	2.3	0.21	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
1,2-Diphenylhydrazine(as Azobenzene)	0.24	U	2.3	0.24	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Fluoranthene	0.23	U	2.3	0.23	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Fluorene	0.26	U	2.3	0.26	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Hexachlorobenzene	0.28	U	2.3	0.28	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Hexachlorobutadiene	0.26	U	2.3	0.26	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Hexachlorocyclopentadiene	0.29	U	2.3	0.29	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Hexachloroethane	0.20	U	2.3	0.20	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Indeno[1,2,3-cd]pyrene	0.20	U	2.3	0.20	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Isophorone	0.23	U	2.3	0.23	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
1-Methylnaphthalene	0.22	U	2.3	0.22	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
2-Methylnaphthalene	0.27	U	2.3	0.27	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Naphthalene	0.21	U	2.3	0.21	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Nitrobenzene	0.19	U	2.3	0.19	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
2-Nitrophenol	0.29	U	2.3	0.29	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
4-Nitrophenol	2.3	U	12	2.3	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
N-Nitrosodimethylamine	0.85	U	2.3	0.85	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
N-Nitrosodi-n-propylamine	0.23	U	2.3	0.23	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
N-Nitrosodiphenylamine	0.23	U	2.3	0.23	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Pentachlorophenol	2.3	U	12	2.3	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Phenanthrene	0.19	U	2.3	0.19	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Phenol	0.24	U	2.3	0.24	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
Pyrene	0.19	U	2.3	0.19	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1
2,4,6-Trichlorophenol	0.21	U	2.3	0.21	mg/Kg	☼	09/03/14 13:30	09/11/14 13:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*41 - 116*	*09/03/14 13:30*	*09/11/14 13:47*	*1*
2-Fluorophenol (Surr)	*69*		*39 - 114*	*09/03/14 13:30*	*09/11/14 13:47*	*1*
Nitrobenzene-d5 (Surr)	*70*		*37 - 115*	*09/03/14 13:30*	*09/11/14 13:47*	*1*
Phenol-d5 (Surr)	*66*		*38 - 122*	*09/03/14 13:30*	*09/11/14 13:47*	*1*
Terphenyl-d14 (Surr)	*76*		*46 - 126*	*09/03/14 13:30*	*09/11/14 13:47*	*1*
2,4,6-Tribromophenol (Surr)	*98*		*45 - 129*	*09/03/14 13:30*	*09/11/14 13:47*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.2	U	10	1.2	ug/L		09/10/14 15:00	09/12/14 23:04	1
Acenaphthylene	0.85	U	10	0.85	ug/L		09/10/14 15:00	09/12/14 23:04	1
Anthracene	0.86	U	10	0.86	ug/L		09/10/14 15:00	09/12/14 23:04	1
Benzo[a]anthracene	0.88	U	10	0.88	ug/L		09/10/14 15:00	09/12/14 23:04	1
Benzo[a]pyrene	0.89	U	10	0.89	ug/L		09/10/14 15:00	09/12/14 23:04	1
Benzo[b]fluoranthene	0.80	U	10	0.80	ug/L		09/10/14 15:00	09/12/14 23:04	1
Benzo[g,h,i]perylene	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/12/14 23:04	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Area 6 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-17
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.86	U	10	0.86	ug/L		09/10/14 15:00	09/12/14 23:04	1
Bis(2-chloroethoxy)methane	0.96	U	10	0.96	ug/L		09/10/14 15:00	09/12/14 23:04	1
Bis(2-chloroethyl)ether	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/12/14 23:04	1
bis (2-chloroisopropyl) ether	1.1	U	10	1.1	ug/L		09/10/14 15:00	09/12/14 23:04	1
Bis(2-ethylhexyl) phthalate	2.5	U	10	2.5	ug/L		09/10/14 15:00	09/12/14 23:04	1
4-Bromophenyl phenyl ether	0.97	U	10	0.97	ug/L		09/10/14 15:00	09/12/14 23:04	1
Butyl benzyl phthalate	0.98	U	10	0.98	ug/L		09/10/14 15:00	09/12/14 23:04	1
4-Chloroaniline	1.7	U	20	1.7	ug/L		09/10/14 15:00	09/12/14 23:04	1
4-Chloro-3-methylphenol	1.1	U	10	1.1	ug/L		09/10/14 15:00	09/12/14 23:04	1
2-Chloronaphthalene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/12/14 23:04	1
2-Chlorophenol	1.6	U	10	1.6	ug/L		09/10/14 15:00	09/12/14 23:04	1
4-Chlorophenyl phenyl ether	1.5	U	10	1.5	ug/L		09/10/14 15:00	09/12/14 23:04	1
Chrysene	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/12/14 23:04	1
Dibenz(a,h)anthracene	2.3	U	10	2.3	ug/L		09/10/14 15:00	09/12/14 23:04	1
Dibenzofuran	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/12/14 23:04	1
3,3'-Dichlorobenzidine	6.8	U	20	6.8	ug/L		09/10/14 15:00	09/12/14 23:04	1
2,4-Dichlorophenol	3.3	U	10	3.3	ug/L		09/10/14 15:00	09/12/14 23:04	1
Diethyl phthalate	0.90	U	10	0.90	ug/L		09/10/14 15:00	09/12/14 23:04	1
2,4-Dimethylphenol	3.8	U	10	3.8	ug/L		09/10/14 15:00	09/12/14 23:04	1
Dimethyl phthalate	1.3	U	10	1.3	ug/L		09/10/14 15:00	09/12/14 23:04	1
Di-n-butyl phthalate	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/12/14 23:04	1
4,6-Dinitro-2-methylphenol	1.0	U	50	1.0	ug/L		09/10/14 15:00	09/12/14 23:04	1
2,4-Dinitrophenol	3.1	U	50	3.1	ug/L		09/10/14 15:00	09/12/14 23:04	1
2,4-Dinitrotoluene	1.7	U	10	1.7	ug/L		09/10/14 15:00	09/12/14 23:04	1
2,6-Dinitrotoluene	2.1	U	10	2.1	ug/L		09/10/14 15:00	09/12/14 23:04	1
Di-n-octyl phthalate	2.0	U	10	2.0	ug/L		09/10/14 15:00	09/12/14 23:04	1
1,2-Diphenylhydrazine(as Azobenzene)	0.99	U	10	0.99	ug/L		09/10/14 15:00	09/12/14 23:04	1
Fluoranthene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/12/14 23:04	1
Fluorene	0.90	U	10	0.90	ug/L		09/10/14 15:00	09/12/14 23:04	1
Hexachlorobenzene	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/12/14 23:04	1
Hexachlorobutadiene	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/12/14 23:04	1
Hexachlorocyclopentadiene	2.1	U	10	2.1	ug/L		09/10/14 15:00	09/12/14 23:04	1
Hexachloroethane	4.5	U	10	4.5	ug/L		09/10/14 15:00	09/12/14 23:04	1
Indeno[1,2,3-cd]pyrene	2.4	U	10	2.4	ug/L		09/10/14 15:00	09/12/14 23:04	1
Isophorone	0.85	U	10	0.85	ug/L		09/10/14 15:00	09/12/14 23:04	1
2-Methylnaphthalene	1.5	U	10	1.5	ug/L		09/10/14 15:00	09/12/14 23:04	1
1-Methylnaphthalene	2.6	U	10	2.6	ug/L		09/10/14 15:00	09/12/14 23:04	1
Naphthalene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/12/14 23:04	1
Nitrobenzene	1.6	U	10	1.6	ug/L		09/10/14 15:00	09/12/14 23:04	1
2-Nitrophenol	0.96	U	10	0.96	ug/L		09/10/14 15:00	09/12/14 23:04	1
4-Nitrophenol	2.1	U	50	2.1	ug/L		09/10/14 15:00	09/12/14 23:04	1
N-Nitrosodimethylamine	2.4	U	10	2.4	ug/L		09/10/14 15:00	09/12/14 23:04	1
N-Nitrosodi-n-propylamine	0.93	U	10	0.93	ug/L		09/10/14 15:00	09/12/14 23:04	1
N-Nitrosodiphenylamine	0.62	U	10	0.62	ug/L		09/10/14 15:00	09/12/14 23:04	1
Pentachlorophenol	1.1	U	50	1.1	ug/L		09/10/14 15:00	09/12/14 23:04	1
Phenanthrene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/12/14 23:04	1
Phenol	**33**		10	1.2	ug/L		09/10/14 15:00	09/12/14 23:04	1
Pyrene	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/12/14 23:04	1
2,4,6-Trichlorophenol	1.2	U	10	1.2	ug/L		09/10/14 15:00	09/12/14 23:04	1

Client Sample ID: Area 6 Coarse Comp

Lab Sample ID: 660-62560-17

Date Collected: 08/29/14 12:00

Matrix: Solid

Date Received: 08/29/14 13:53

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	*105*		*48 - 124*	*09/10/14 15:00*	*09/12/14 23:04*	*1*
2-Fluorobiphenyl	*87*		*24 - 113*	*09/10/14 15:00*	*09/12/14 23:04*	*1*
2-Fluorophenol (Surr)	*88*		*12 - 105*	*09/10/14 15:00*	*09/12/14 23:04*	*1*
Terphenyl-d14 (Surr)	*92*		*36 - 127*	*09/10/14 15:00*	*09/12/14 23:04*	*1*
Phenol-d5 (Surr)	*94*		*17 - 111*	*09/10/14 15:00*	*09/12/14 23:04*	*1*
Nitrobenzene-d5 (Surr)	*88*		*26 - 107*	*09/10/14 15:00*	*09/12/14 23:04*	*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	0.0013	U	0.012	0.0013	mg/Kg	☼	09/03/14 09:38	09/06/14 03:28	1
4,4'-DDE	**0.0017**	**I**	0.012	0.0013	mg/Kg	☼	09/03/14 09:38	09/06/14 03:28	1
4,4'-DDT	0.016	U	0.12	0.016	mg/Kg	☼	09/03/14 09:38	09/05/14 21:01	10
Aldrin	0.0011	U	0.012	0.0011	mg/Kg	☼	09/03/14 09:38	09/06/14 03:28	1
alpha-BHC	0.00099	U	0.012	0.00099	mg/Kg	☼	09/03/14 09:38	09/06/14 03:28	1
beta-BHC	0.0023	U	0.012	0.0023	mg/Kg	☼	09/03/14 09:38	09/06/14 03:28	1
Chlordane (technical)	0.021	U	0.12	0.021	mg/Kg	☼	09/03/14 09:38	09/06/14 03:28	1
delta-BHC	0.0013	U	0.012	0.0013	mg/Kg	☼	09/03/14 09:38	09/06/14 03:28	1
Dieldrin	0.0012	U	0.012	0.0012	mg/Kg	☼	09/03/14 09:38	09/06/14 03:28	1
Endosulfan I	0.0012	U	0.012	0.0012	mg/Kg	☼	09/03/14 09:38	09/06/14 03:28	1
Endosulfan II	0.0011	U	0.012	0.0011	mg/Kg	☼	09/03/14 09:38	09/06/14 03:28	1
Endosulfan sulfate	0.0015	U	0.012	0.0015	mg/Kg	☼	09/03/14 09:38	09/06/14 03:28	1
Endrin	0.0016	U	0.012	0.0016	mg/Kg	☼	09/03/14 09:38	09/06/14 03:28	1
Endrin aldehyde	0.0016	U	0.012	0.0016	mg/Kg	☼	09/03/14 09:38	09/06/14 03:28	1
Endrin ketone	0.014	U	0.12	0.014	mg/Kg	☼	09/03/14 09:38	09/05/14 21:01	10
gamma-BHC (Lindane)	0.00099	U	0.012	0.00099	mg/Kg	☼	09/03/14 09:38	09/06/14 03:28	1
Heptachlor	0.013	U	0.12	0.013	mg/Kg	☼	09/03/14 09:38	09/05/14 21:01	10
Heptachlor epoxide	0.0011	U	0.012	0.0011	mg/Kg	☼	09/03/14 09:38	09/06/14 03:28	1
Methoxychlor	0.020	U	0.12	0.020	mg/Kg	☼	09/03/14 09:38	09/05/14 21:01	10
Toxaphene	0.39	U	12	0.39	mg/Kg	☼	09/03/14 09:38	09/05/14 21:01	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*85*		*54 - 133*	*09/03/14 09:38*	*09/06/14 03:28*	*1*
Tetrachloro-m-xylene	*77*		*46 - 130*	*09/03/14 09:38*	*09/06/14 03:28*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	U	0.098	0.013	ug/L		09/09/14 14:42	09/10/14 15:14	1
4,4'-DDE	0.013	U	0.098	0.013	ug/L		09/09/14 14:42	09/10/14 15:14	1
4,4'-DDT	0.013	U	0.098	0.013	ug/L		09/09/14 14:42	09/10/14 15:14	1
Aldrin	0.0020	U	0.049	0.0020	ug/L		09/09/14 14:42	09/10/14 15:14	1
alpha-BHC	0.0059	U	0.049	0.0059	ug/L		09/09/14 14:42	09/10/14 15:14	1
beta-BHC	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 15:14	1
delta-BHC	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 15:14	1
Dieldrin	0.0020	U	0.098	0.0020	ug/L		09/09/14 14:42	09/10/14 15:14	1
Endosulfan I	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 15:14	1
Endosulfan II	0.013	U	0.098	0.013	ug/L		09/09/14 14:42	09/10/14 15:14	1
Endosulfan sulfate	0.013	U	0.098	0.013	ug/L		09/09/14 14:42	09/10/14 15:14	1
Endrin	0.013	U	0.098	0.013	ug/L		09/09/14 14:42	09/10/14 15:14	1
Endrin aldehyde	0.013	U	0.098	0.013	ug/L		09/09/14 14:42	09/10/14 15:14	1
Endrin ketone	0.013	U	0.098	0.013	ug/L		09/09/14 14:42	09/10/14 15:14	1
gamma-BHC (Lindane)	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 15:14	1

Client Sample ID: Area 6 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-17
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 15:14	1
Heptachlor epoxide	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 15:14	1
Methoxychlor	0.013	U	0.49	0.013	ug/L		09/09/14 14:42	09/10/14 15:14	1
Chlordane (technical)	0.33	U	0.98	0.33	ug/L		09/09/14 14:42	09/10/14 15:14	1
Toxaphene	0.67	U	4.9	0.67	ug/L		09/09/14 14:42	09/10/14 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*44*		*20 - 142*	*09/09/14 14:42*	*09/10/14 15:14*	*1*
Tetrachloro-m-xylene	*107*		*22 - 134*	*09/09/14 14:42*	*09/10/14 15:14*	*1*

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	220	U	360	220	mg/Kg	☼		09/10/14 18:36	5
Sulfate	220	U	360	220	mg/Kg	☼		09/10/14 18:36	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.32	U	0.64	0.32	mg/Kg	☼	09/02/14 08:55	09/08/14 23:49	1
Arsenic	**8.0**		1.6	0.64	mg/Kg	☼	09/02/14 08:55	09/08/14 23:49	1
Barium	**31**		3.2	0.83	mg/Kg	☼	09/02/14 08:55	09/08/14 23:49	1
Beryllium	**0.43**		0.32	0.16	mg/Kg	☼	09/02/14 08:55	09/08/14 23:49	1
Cadmium	**0.45**		0.32	0.077	mg/Kg	☼	09/02/14 08:55	09/08/14 23:49	1
Chromium	**25**		3.2	1.6	mg/Kg	☼	09/02/14 08:55	09/08/14 23:49	1
Copper	**35**		3.2	1.3	mg/Kg	☼	09/02/14 08:55	09/08/14 23:49	1
Sodium	**380**		160	100	mg/Kg	☼	09/02/14 08:55	09/08/14 23:49	1
Nickel	**10**		3.2	1.6	mg/Kg	☼	09/02/14 08:55	09/08/14 23:49	1
Lead	**74**		1.3	0.64	mg/Kg	☼	09/02/14 08:55	09/08/14 23:49	1
Antimony	3.2	U	6.4	3.2	mg/Kg	☼	09/02/14 08:55	09/08/14 23:49	1
Selenium	**4.4**		3.2	1.6	mg/Kg	☼	09/02/14 08:55	09/08/14 23:49	1
Thallium	0.16	U	0.64	0.16	mg/Kg	☼	09/02/14 08:55	09/08/14 23:49	1
Zinc	**95**		13	3.5	mg/Kg	☼	09/02/14 08:55	09/08/14 23:49	1

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/12/14 10:37	09/13/14 13:10	1
Arsenic	**3.0**		2.5	2.5	ug/L		09/12/14 10:37	09/13/14 13:10	1
Barium	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 13:10	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/12/14 10:37	09/13/14 13:10	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/12/14 10:37	09/13/14 13:10	1
Chromium	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 13:10	1
Copper	**6.6**		5.0	5.0	ug/L		09/12/14 10:37	09/13/14 13:10	1
Nickel	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 13:10	1
Lead	**2.5**		1.5	1.5	ug/L		09/12/14 10:37	09/13/14 13:10	1
Antimony	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 13:10	1
Selenium	**5.2**		2.5	2.5	ug/L		09/12/14 10:37	09/13/14 13:10	1
Thallium	1.0	U	1.0	1.0	ug/L		09/12/14 10:37	09/13/14 13:10	1
Zinc	20	U	20	20	ug/L		09/12/14 10:37	09/13/14 13:10	1

Client Sample ID: Area 6 Coarse Comp

Lab Sample ID: 660-62560-17

Date Collected: 08/29/14 12:00

Matrix: Solid

Date Received: 08/29/14 13:53

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.37**		0.20	0.20	ug/L		09/08/14 13:35	09/09/14 13:56	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.24**		0.14	0.056	mg/Kg	☼	09/04/14 10:18	09/05/14 12:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**16**		2.1	0.93	mg/Kg	☼	09/05/14 13:59	09/05/14 15:29	1
Total Kjeldahl Nitrogen	**8600**		3000	1800	mg/Kg	☼	09/09/14 16:23	09/10/14 12:38	10
Total Phosphorus as P	**580**		120	67	mg/Kg	☼	09/09/14 16:23	09/10/14 11:46	1
Cyanide, Total	1.4	U	3.4	1.4	mg/Kg	☼	09/02/14 08:00	09/02/14 12:31	1
Phenolics, Total Recoverable	4.4	U	18	4.4	mg/Kg	☼	09/02/14 08:59	09/02/14 15:43	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	**22**		14	3.9	mg/Kg	☼		09/03/14 16:42	1

Client Sample ID: Area 7 Coarse Comp

Lab Sample ID: 660-62560-18

Date Collected: 08/29/14 12:00

Matrix: Solid

Date Received: 08/29/14 13:53

Percent Solids: 63.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.037	U	0.16	0.037	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
Acrylonitrile	0.053	U	0.16	0.053	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
Benzene	0.0011	U	0.0078	0.0011	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
Bromoform	0.0023	U	0.0078	0.0023	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
Bromomethane	0.0023	U	0.0078	0.0023	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
Carbon tetrachloride	0.0013	U	0.0078	0.0013	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
Chlorobenzene	0.0015	U	0.0078	0.0015	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
Chloroethane	0.0042	U	0.0078	0.0042	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
Chloroform	0.0017	U	0.0078	0.0017	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
Chloromethane	0.0016	U	0.0078	0.0016	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
Dibromochloromethane	0.0026	U	0.0078	0.0026	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
1,2-Dichlorobenzene	0.0020	U	0.0078	0.0020	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
1,3-Dichlorobenzene	0.0025	U	0.0078	0.0025	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
1,4-Dichlorobenzene	0.0011	U	0.0078	0.0011	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
Dichlorodifluoromethane	0.0015	U	0.0078	0.0015	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
1,1-Dichloroethane	0.0017	U	0.0078	0.0017	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
1,2-Dichloroethane	0.0017	U	0.0078	0.0017	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
cis-1,2-Dichloroethene	0.0022	U	0.0078	0.0022	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
trans-1,2-Dichloroethene	0.00098	U	0.0078	0.00098	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
1,1-Dichloroethene	0.0023	U	0.0078	0.0023	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
1,2-Dichloropropane	0.0013	U	0.0078	0.0013	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
cis-1,3-Dichloropropene	0.0013	U	0.0078	0.0013	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
trans-1,3-Dichloropropene	0.0013	U	0.0078	0.0013	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
Ethylbenzene	0.0020	U	0.0078	0.0020	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
Methylene Chloride	0.0015	J3 U	0.0078	0.0015	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
Methyl tert-butyl ether	0.0016	U	0.016	0.0016	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Area 7 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-18
Matrix: Solid
Percent Solids: 63.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.0029	U	0.0078	0.0029	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
Toluene	0.0013	U	0.0078	0.0013	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
1,2,4-Trichlorobenzene	0.0014	U	0.0078	0.0014	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
1,1,1-Trichloroethane	0.00092	U	0.0078	0.00092	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
1,1,2-Trichloroethane	0.0020	U	0.0078	0.0020	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
Trichloroethene	0.0020	U	0.0078	0.0020	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
Vinyl chloride	0.0023	U	0.0078	0.0023	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1
Xylenes, Total	0.0017	U	0.016	0.0017	mg/Kg	☼	09/02/14 19:27	09/03/14 03:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*90*		*65 - 130*	*09/02/14 19:27*	*09/03/14 03:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*84*		*65 - 130*	*09/02/14 19:27*	*09/03/14 03:20*	*1*
4-Bromofluorobenzene (Surr)	*112*		*65 - 130*	*09/02/14 19:27*	*09/03/14 03:20*	*1*
Toluene-d8 (Surr)	*98*		*65 - 130*	*09/02/14 19:27*	*09/03/14 03:20*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	U	20	20	ug/L			09/15/14 18:19	1
Acrylonitrile	20	U	20	20	ug/L			09/15/14 18:19	1
Benzene	1.0	U	1.0	1.0	ug/L			09/15/14 18:19	1
Bromoform	1.0	U	1.0	1.0	ug/L			09/15/14 18:19	1
Bromomethane	5.0	U	5.0	5.0	ug/L			09/15/14 18:19	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			09/15/14 18:19	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 18:19	1
Chloroethane	5.0	U	5.0	5.0	ug/L			09/15/14 18:19	1
Chloroform	1.0	U	1.0	1.0	ug/L			09/15/14 18:19	1
Chloromethane	1.0	U	1.0	1.0	ug/L			09/15/14 18:19	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			09/15/14 18:19	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 18:19	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 18:19	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 18:19	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			09/15/14 18:19	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 18:19	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 18:19	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 18:19	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 18:19	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 18:19	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			09/15/14 18:19	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/15/14 18:19	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/15/14 18:19	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			09/15/14 18:19	1
Methylene Chloride	**19**		5.0	5.0	ug/L			09/15/14 18:19	1
Methyl tert-butyl ether	10	U	10	10	ug/L			09/15/14 18:19	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 18:19	1
Toluene	**3.5**		1.0	1.0	ug/L			09/15/14 18:19	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			09/15/14 18:19	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 18:19	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 18:19	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 18:19	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			09/15/14 18:19	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Area 7 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-18
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	2.0	ug/L			09/15/14 18:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*09/15/14 18:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*09/15/14 18:19*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*09/15/14 18:19*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*09/15/14 18:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.064	U	0.52	0.064	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Acenaphthylene	0.057	U	0.52	0.057	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Anthracene	0.039	U	0.52	0.039	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Benzo[a]anthracene	0.042	U	0.52	0.042	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Benzo[a]pyrene	0.082	U	0.52	0.082	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Benzo[b]fluoranthene	0.060	U	0.52	0.060	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Benzo[g,h,i]perylene	0.035	U	0.52	0.035	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Benzo[k]fluoranthene	0.10	U	0.52	0.10	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Bis(2-chloroethoxy)methane	0.061	U	0.52	0.061	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Bis(2-chloroethyl)ether	0.071	U	0.52	0.071	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
bis (2-chloroisopropyl) ether	0.047	U	0.52	0.047	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Bis(2-ethylhexyl) phthalate	0.046	U	0.52	0.046	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
4-Bromophenyl phenyl ether	0.057	U	0.52	0.057	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Butyl benzyl phthalate	0.041	U	0.52	0.041	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
4-Chloroaniline	0.082	U	1.0	0.082	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
4-Chloro-3-methylphenol	0.055	U	0.52	0.055	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
2-Chloronaphthalene	0.055	U	0.52	0.055	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
2-Chlorophenol	0.063	U	0.52	0.063	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
4-Chlorophenyl phenyl ether	0.069	U	0.52	0.069	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Chrysene	0.033	U	0.52	0.033	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Dibenz(a,h)anthracene	0.061	U	0.52	0.061	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Dibenzofuran	0.052	U	0.52	0.052	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
3,3'-Dichlorobenzidine	0.044	U	1.0	0.044	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
2,4-Dichlorophenol	0.055	U	0.52	0.055	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Diethyl phthalate	0.058	U	0.52	0.058	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
2,4-Dimethylphenol	0.069	U	0.52	0.069	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Dimethyl phthalate	0.053	U	0.52	0.053	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Di-n-butyl phthalate	0.047	U	0.52	0.047	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
4,6-Dinitro-2-methylphenol	0.27	U	2.7	0.27	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
2,4-Dinitrophenol	1.3	U	2.7	1.3	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
2,4-Dinitrotoluene	0.077	U	0.52	0.077	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
2,6-Dinitrotoluene	0.066	U	0.52	0.066	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Di-n-octyl phthalate	0.046	U	0.52	0.046	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
1,2-Diphenylhydrazine(as Azobenzene)	0.053	U	0.52	0.053	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Fluoranthene	0.050	U	0.52	0.050	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Fluorene	0.057	U	0.52	0.057	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Hexachlorobenzene	0.061	U	0.52	0.061	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Hexachlorobutadiene	0.057	U	0.52	0.057	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Hexachlorocyclopentadiene	0.064	U	0.52	0.064	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Area 7 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-18
Matrix: Solid
Percent Solids: 63.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	0.044	U	0.52	0.044	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Indeno[1,2,3-cd]pyrene	0.044	U	0.52	0.044	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Isophorone	0.052	U	0.52	0.052	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
1-Methylnaphthalene	0.049	U	0.52	0.049	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
2-Methylnaphthalene	0.060	U	0.52	0.060	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Naphthalene	0.047	U	0.52	0.047	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Nitrobenzene	0.041	U	0.52	0.041	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
2-Nitrophenol	0.064	U	0.52	0.064	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
4-Nitrophenol	0.52	U	2.7	0.52	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
N-Nitrosodimethylamine	0.19	U	0.52	0.19	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
N-Nitrosodi-n-propylamine	0.050	U	0.52	0.050	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
N-Nitrosodiphenylamine	0.052	U	0.52	0.052	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Pentachlorophenol	0.52	U	2.7	0.52	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Phenanthrene	0.042	U	0.52	0.042	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Phenol	0.053	U	0.52	0.053	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
Pyrene	0.042	U	0.52	0.042	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1
2,4,6-Trichlorophenol	0.046	U	0.52	0.046	mg/Kg	☼	09/03/14 13:30	09/11/14 14:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79*		*41 - 116*	*09/03/14 13:30*	*09/11/14 14:12*	*1*
2-Fluorophenol (Surr)	*72*		*39 - 114*	*09/03/14 13:30*	*09/11/14 14:12*	*1*
Nitrobenzene-d5 (Surr)	*71*		*37 - 115*	*09/03/14 13:30*	*09/11/14 14:12*	*1*
Phenol-d5 (Surr)	*70*		*38 - 122*	*09/03/14 13:30*	*09/11/14 14:12*	*1*
Terphenyl-d14 (Surr)	*87*		*46 - 126*	*09/03/14 13:30*	*09/11/14 14:12*	*1*
2,4,6-Tribromophenol (Surr)	*107*		*45 - 129*	*09/03/14 13:30*	*09/11/14 14:12*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.2	U	10	1.2	ug/L		09/10/14 15:00	09/12/14 23:34	1
Acenaphthylene	0.85	U	10	0.85	ug/L		09/10/14 15:00	09/12/14 23:34	1
Anthracene	0.86	U	10	0.86	ug/L		09/10/14 15:00	09/12/14 23:34	1
Benzo[a]anthracene	0.88	U	10	0.88	ug/L		09/10/14 15:00	09/12/14 23:34	1
Benzo[a]pyrene	0.89	U	10	0.89	ug/L		09/10/14 15:00	09/12/14 23:34	1
Benzo[b]fluoranthene	0.80	U	10	0.80	ug/L		09/10/14 15:00	09/12/14 23:34	1
Benzo[g,h,i]perylene	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/12/14 23:34	1
Benzo[k]fluoranthene	0.86	U	10	0.86	ug/L		09/10/14 15:00	09/12/14 23:34	1
Bis(2-chloroethoxy)methane	0.96	U	10	0.96	ug/L		09/10/14 15:00	09/12/14 23:34	1
Bis(2-chloroethyl)ether	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/12/14 23:34	1
bis (2-chloroisopropyl) ether	1.1	U	10	1.1	ug/L		09/10/14 15:00	09/12/14 23:34	1
Bis(2-ethylhexyl) phthalate	2.5	U	10	2.5	ug/L		09/10/14 15:00	09/12/14 23:34	1
4-Bromophenyl phenyl ether	0.97	U	10	0.97	ug/L		09/10/14 15:00	09/12/14 23:34	1
Butyl benzyl phthalate	0.98	U	10	0.98	ug/L		09/10/14 15:00	09/12/14 23:34	1
4-Chloroaniline	1.7	U	20	1.7	ug/L		09/10/14 15:00	09/12/14 23:34	1
4-Chloro-3-methylphenol	1.1	U	10	1.1	ug/L		09/10/14 15:00	09/12/14 23:34	1
2-Chloronaphthalene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/12/14 23:34	1
2-Chlorophenol	1.6	U	10	1.6	ug/L		09/10/14 15:00	09/12/14 23:34	1
4-Chlorophenyl phenyl ether	1.5	U	10	1.5	ug/L		09/10/14 15:00	09/12/14 23:34	1
Chrysene	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/12/14 23:34	1
Dibenz(a,h)anthracene	2.3	U	10	2.3	ug/L		09/10/14 15:00	09/12/14 23:34	1
Dibenzofuran	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/12/14 23:34	1

Client Sample ID: Area 7 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-18
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	6.8	U	20	6.8	ug/L		09/10/14 15:00	09/12/14 23:34	1
2,4-Dichlorophenol	3.3	U	10	3.3	ug/L		09/10/14 15:00	09/12/14 23:34	1
Diethyl phthalate	0.90	U	10	0.90	ug/L		09/10/14 15:00	09/12/14 23:34	1
2,4-Dimethylphenol	3.8	U	10	3.8	ug/L		09/10/14 15:00	09/12/14 23:34	1
Dimethyl phthalate	1.3	U	10	1.3	ug/L		09/10/14 15:00	09/12/14 23:34	1
Di-n-butyl phthalate	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/12/14 23:34	1
4,6-Dinitro-2-methylphenol	1.0	U	50	1.0	ug/L		09/10/14 15:00	09/12/14 23:34	1
2,4-Dinitrophenol	3.1	U	50	3.1	ug/L		09/10/14 15:00	09/12/14 23:34	1
2,4-Dinitrotoluene	1.7	U	10	1.7	ug/L		09/10/14 15:00	09/12/14 23:34	1
2,6-Dinitrotoluene	2.1	U	10	2.1	ug/L		09/10/14 15:00	09/12/14 23:34	1
Di-n-octyl phthalate	2.0	U	10	2.0	ug/L		09/10/14 15:00	09/12/14 23:34	1
1,2-Diphenylhydrazine(as Azobenzene)	0.99	U	10	0.99	ug/L		09/10/14 15:00	09/12/14 23:34	1
Fluoranthene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/12/14 23:34	1
Fluorene	0.90	U	10	0.90	ug/L		09/10/14 15:00	09/12/14 23:34	1
Hexachlorobenzene	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/12/14 23:34	1
Hexachlorobutadiene	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/12/14 23:34	1
Hexachlorocyclopentadiene	2.1	U	10	2.1	ug/L		09/10/14 15:00	09/12/14 23:34	1
Hexachloroethane	4.5	U	10	4.5	ug/L		09/10/14 15:00	09/12/14 23:34	1
Indeno[1,2,3-cd]pyrene	2.4	U	10	2.4	ug/L		09/10/14 15:00	09/12/14 23:34	1
Isophorone	0.85	U	10	0.85	ug/L		09/10/14 15:00	09/12/14 23:34	1
2-Methylnaphthalene	1.5	U	10	1.5	ug/L		09/10/14 15:00	09/12/14 23:34	1
1-Methylnaphthalene	2.6	U	10	2.6	ug/L		09/10/14 15:00	09/12/14 23:34	1
Naphthalene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/12/14 23:34	1
Nitrobenzene	1.6	U	10	1.6	ug/L		09/10/14 15:00	09/12/14 23:34	1
2-Nitrophenol	0.96	U	10	0.96	ug/L		09/10/14 15:00	09/12/14 23:34	1
4-Nitrophenol	2.1	U	50	2.1	ug/L		09/10/14 15:00	09/12/14 23:34	1
N-Nitrosodimethylamine	2.4	U	10	2.4	ug/L		09/10/14 15:00	09/12/14 23:34	1
N-Nitrosodi-n-propylamine	0.93	U	10	0.93	ug/L		09/10/14 15:00	09/12/14 23:34	1
N-Nitrosodiphenylamine	0.62	U	10	0.62	ug/L		09/10/14 15:00	09/12/14 23:34	1
Pentachlorophenol	1.1	U	50	1.1	ug/L		09/10/14 15:00	09/12/14 23:34	1
Phenanthrene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/12/14 23:34	1
Phenol	1.2	U	10	1.2	ug/L		09/10/14 15:00	09/12/14 23:34	1
Pyrene	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/12/14 23:34	1
2,4,6-Trichlorophenol	1.2	U	10	1.2	ug/L		09/10/14 15:00	09/12/14 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*85*		*48 - 124*	*09/10/14 15:00*	*09/12/14 23:34*	*1*
2-Fluorobiphenyl	*74*		*24 - 113*	*09/10/14 15:00*	*09/12/14 23:34*	*1*
2-Fluorophenol (Surr)	*67*		*12 - 105*	*09/10/14 15:00*	*09/12/14 23:34*	*1*
Terphenyl-d14 (Surr)	*72*		*36 - 127*	*09/10/14 15:00*	*09/12/14 23:34*	*1*
Phenol-d5 (Surr)	*76*		*17 - 111*	*09/10/14 15:00*	*09/12/14 23:34*	*1*
Nitrobenzene-d5 (Surr)	*78*		*26 - 107*	*09/10/14 15:00*	*09/12/14 23:34*	*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	0.00028	U	0.0027	0.00028	mg/Kg	☼	09/03/14 09:38	09/06/14 03:42	1
4,4'-DDE	0.00028	U	0.0027	0.00028	mg/Kg	☼	09/03/14 09:38	09/06/14 03:42	1
4,4'-DDT	0.0035	U	0.027	0.0035	mg/Kg	☼	09/03/14 09:38	09/06/14 03:04	10
Aldrin	0.00024	U	0.0027	0.00024	mg/Kg	☼	09/03/14 09:38	09/06/14 03:42	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Area 7 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-18
Matrix: Solid
Percent Solids: 63.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	0.00022	U	0.0027	0.00022	mg/Kg	☼	09/03/14 09:38	09/06/14 03:42	1
beta-BHC	0.00052	U	0.0027	0.00052	mg/Kg	☼	09/03/14 09:38	09/06/14 03:42	1
Chlordane (technical)	0.0046	U	0.027	0.0046	mg/Kg	☼	09/03/14 09:38	09/06/14 03:42	1
delta-BHC	0.00030	U	0.0027	0.00030	mg/Kg	☼	09/03/14 09:38	09/06/14 03:42	1
Dieldrin	0.00027	U	0.0027	0.00027	mg/Kg	☼	09/03/14 09:38	09/06/14 03:42	1
Endosulfan I	0.00027	U	0.0027	0.00027	mg/Kg	☼	09/03/14 09:38	09/06/14 03:42	1
Endosulfan II	0.00024	U	0.0027	0.00024	mg/Kg	☼	09/03/14 09:38	09/06/14 03:42	1
Endosulfan sulfate	0.00033	U	0.0027	0.00033	mg/Kg	☼	09/03/14 09:38	09/06/14 03:42	1
Endrin	0.00035	U	0.0027	0.00035	mg/Kg	☼	09/03/14 09:38	09/06/14 03:42	1
Endrin aldehyde	0.00035	U	0.0027	0.00035	mg/Kg	☼	09/03/14 09:38	09/06/14 03:42	1
Endrin ketone	0.0031	U	0.027	0.0031	mg/Kg	☼	09/03/14 09:38	09/06/14 03:04	10
gamma-BHC (Lindane)	0.00022	U	0.0027	0.00022	mg/Kg	☼	09/03/14 09:38	09/06/14 03:42	1
Heptachlor	0.0030	U	0.027	0.0030	mg/Kg	☼	09/03/14 09:38	09/06/14 03:04	10
Heptachlor epoxide	0.00025	U	0.0027	0.00025	mg/Kg	☼	09/03/14 09:38	09/06/14 03:42	1
Methoxychlor	0.0044	U	0.027	0.0044	mg/Kg	☼	09/03/14 09:38	09/06/14 03:04	10
Toxaphene	0.086	U	2.7	0.086	mg/Kg	☼	09/03/14 09:38	09/06/14 03:04	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*54 - 133*	*09/03/14 09:38*	*09/06/14 03:42*	*1*
Tetrachloro-m-xylene	*91*		*46 - 130*	*09/03/14 09:38*	*09/06/14 03:42*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	U	0.099	0.013	ug/L		09/09/14 14:42	09/10/14 15:29	1
4,4'-DDE	0.013	U	0.099	0.013	ug/L		09/09/14 14:42	09/10/14 15:29	1
4,4'-DDT	0.013	U	0.099	0.013	ug/L		09/09/14 14:42	09/10/14 15:29	1
Aldrin	0.0020	U	0.049	0.0020	ug/L		09/09/14 14:42	09/10/14 15:29	1
alpha-BHC	0.0059	U	0.049	0.0059	ug/L		09/09/14 14:42	09/10/14 15:29	1
beta-BHC	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 15:29	1
delta-BHC	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 15:29	1
Dieldrin	0.0020	U	0.099	0.0020	ug/L		09/09/14 14:42	09/10/14 15:29	1
Endosulfan I	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 15:29	1
Endosulfan II	0.013	U	0.099	0.013	ug/L		09/09/14 14:42	09/10/14 15:29	1
Endosulfan sulfate	0.013	U	0.099	0.013	ug/L		09/09/14 14:42	09/10/14 15:29	1
Endrin	0.013	U	0.099	0.013	ug/L		09/09/14 14:42	09/10/14 15:29	1
Endrin aldehyde	0.013	U	0.099	0.013	ug/L		09/09/14 14:42	09/10/14 15:29	1
Endrin ketone	0.013	U	0.099	0.013	ug/L		09/09/14 14:42	09/10/14 15:29	1
gamma-BHC (Lindane)	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 15:29	1
Heptachlor	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 15:29	1
Heptachlor epoxide	0.013	U	0.049	0.013	ug/L		09/09/14 14:42	09/10/14 15:29	1
Methoxychlor	0.013	U	0.49	0.013	ug/L		09/09/14 14:42	09/10/14 15:29	1
Chlordane (technical)	0.34	U	0.99	0.34	ug/L		09/09/14 14:42	09/10/14 15:29	1
Toxaphene	0.67	U	4.9	0.67	ug/L		09/09/14 14:42	09/10/14 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*103*		*20 - 142*	*09/09/14 14:42*	*09/10/14 15:29*	*1*
Tetrachloro-m-xylene	*106*		*22 - 134*	*09/09/14 14:42*	*09/10/14 15:29*	*1*

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Area 7 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-18
Matrix: Solid
Percent Solids: 63.7

Method: 9056A - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47	U	78	47	mg/Kg	☼		09/10/14 18:51	5
Sulfate	47	U	78	47	mg/Kg	☼		09/10/14 18:51	5

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.070	U	0.14	0.070	mg/Kg	☼	09/02/14 08:55	09/08/14 23:54	1
Arsenic	**0.53**		0.35	0.14	mg/Kg	☼	09/02/14 08:55	09/08/14 23:54	1
Barium	**1.5**		0.70	0.18	mg/Kg	☼	09/02/14 08:55	09/08/14 23:54	1
Beryllium	0.035	U	0.070	0.035	mg/Kg	☼	09/02/14 08:55	09/08/14 23:54	1
Cadmium	**0.027**	**I**	0.070	0.017	mg/Kg	☼	09/02/14 08:55	09/08/14 23:54	1
Chromium	**1.4**		0.70	0.35	mg/Kg	☼	09/02/14 08:55	09/08/14 23:54	1
Copper	**1.2**		0.70	0.28	mg/Kg	☼	09/02/14 08:55	09/08/14 23:54	1
Sodium	**51**		35	22	mg/Kg	☼	09/02/14 08:55	09/08/14 23:54	1
Nickel	**0.70**		0.70	0.35	mg/Kg	☼	09/02/14 08:55	09/08/14 23:54	1
Lead	**3.5**		0.28	0.14	mg/Kg	☼	09/02/14 08:55	09/08/14 23:54	1
Antimony	0.70	U	1.4	0.70	mg/Kg	☼	09/02/14 08:55	09/08/14 23:54	1
Selenium	0.35	U	0.70	0.35	mg/Kg	☼	09/02/14 08:55	09/08/14 23:54	1
Thallium	0.035	U	0.14	0.035	mg/Kg	☼	09/02/14 08:55	09/08/14 23:54	1
Zinc	**7.1**		2.8	0.77	mg/Kg	☼	09/02/14 08:55	09/08/14 23:54	1

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/12/14 10:37	09/13/14 13:18	1
Arsenic	2.5	U	2.5	2.5	ug/L		09/12/14 10:37	09/13/14 13:18	1
Barium	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 13:18	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/12/14 10:37	09/13/14 13:18	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/12/14 10:37	09/13/14 13:18	1
Chromium	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 13:18	1
Copper	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 13:18	1
Nickel	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 13:18	1
Lead	1.5	U	1.5	1.5	ug/L		09/12/14 10:37	09/13/14 13:18	1
Antimony	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 13:18	1
Selenium	2.5	U	2.5	2.5	ug/L		09/12/14 10:37	09/13/14 13:18	1
Thallium	1.0	U	1.0	1.0	ug/L		09/12/14 10:37	09/13/14 13:18	1
Zinc	20	U	20	20	ug/L		09/12/14 10:37	09/13/14 13:18	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/08/14 13:35	09/09/14 13:59	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.016**	**I**	0.027	0.011	mg/Kg	☼	09/04/14 10:18	09/05/14 12:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	**2.9**		0.47	0.20	mg/Kg	☼	09/05/14 13:59	09/05/14 15:29	1
Total Kjeldahl Nitrogen	**230**		72	43	mg/Kg	☼	09/09/14 16:23	09/10/14 11:50	1
Total Phosphorus as P	**110**		29	16	mg/Kg	☼	09/09/14 16:23	09/10/14 11:50	1
Cyanide, Total	0.31	U	0.75	0.31	mg/Kg	☼	09/02/14 08:00	09/02/14 12:32	1
Phenolics, Total Recoverable	0.94	U	3.8	0.94	mg/Kg	☼	09/02/14 08:59	09/02/14 15:44	1

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Area 7 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-18
Matrix: Solid
Percent Solids: 63.7

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.86	U	3.1	0.86	mg/Kg	☼		09/03/14 16:44	1

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

Lab Sample ID: MB 680-346991/10
Matrix: Solid
Analysis Batch: 346991

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	0.024	U	0.099	0.024	mg/Kg			09/02/14 20:44	1
Acrylonitrile	0.034	U	0.099	0.034	mg/Kg			09/02/14 20:44	1
Benzene	0.00073	U	0.0050	0.00073	mg/Kg			09/02/14 20:44	1
Bromoform	0.0015	U	0.0050	0.0015	mg/Kg			09/02/14 20:44	1
Bromomethane	0.0015	U	0.0050	0.0015	mg/Kg			09/02/14 20:44	1
Carbon tetrachloride	0.00083	U	0.0050	0.00083	mg/Kg			09/02/14 20:44	1
Chlorobenzene	0.00095	U	0.0050	0.00095	mg/Kg			09/02/14 20:44	1
Chloroethane	0.0027	U	0.0050	0.0027	mg/Kg			09/02/14 20:44	1
Chloroform	0.0011	U	0.0050	0.0011	mg/Kg			09/02/14 20:44	1
Chloromethane	0.00099	U	0.0050	0.00099	mg/Kg			09/02/14 20:44	1
Dibromochloromethane	0.0017	U	0.0050	0.0017	mg/Kg			09/02/14 20:44	1
1,2-Dichlorobenzene	0.0013	U	0.0050	0.0013	mg/Kg			09/02/14 20:44	1
1,3-Dichlorobenzene	0.0016	U	0.0050	0.0016	mg/Kg			09/02/14 20:44	1
1,4-Dichlorobenzene	0.00074	U	0.0050	0.00074	mg/Kg			09/02/14 20:44	1
Dichlorodifluoromethane	0.00093	U	0.0050	0.00093	mg/Kg			09/02/14 20:44	1
1,1-Dichloroethane	0.0011	U	0.0050	0.0011	mg/Kg			09/02/14 20:44	1
1,2-Dichloroethane	0.0011	U	0.0050	0.0011	mg/Kg			09/02/14 20:44	1
cis-1,2-Dichloroethene	0.0014	U	0.0050	0.0014	mg/Kg			09/02/14 20:44	1
trans-1,2-Dichloroethene	0.00063	U	0.0050	0.00063	mg/Kg			09/02/14 20:44	1
1,1-Dichloroethene	0.0015	U	0.0050	0.0015	mg/Kg			09/02/14 20:44	1
1,2-Dichloropropane	0.00085	U	0.0050	0.00085	mg/Kg			09/02/14 20:44	1
cis-1,3-Dichloropropene	0.00083	U	0.0050	0.00083	mg/Kg			09/02/14 20:44	1
trans-1,3-Dichloropropene	0.00086	U	0.0050	0.00086	mg/Kg			09/02/14 20:44	1
Ethylbenzene	0.0013	U	0.0050	0.0013	mg/Kg			09/02/14 20:44	1
Methylene Chloride	0.00097	U	0.0050	0.00097	mg/Kg			09/02/14 20:44	1
Methyl tert-butyl ether	0.00099	U	0.0099	0.00099	mg/Kg			09/02/14 20:44	1
Tetrachloroethene	0.0019	U	0.0050	0.0019	mg/Kg			09/02/14 20:44	1
Toluene	0.00083	U	0.0050	0.00083	mg/Kg			09/02/14 20:44	1
1,2,4-Trichlorobenzene	0.00088	U	0.0050	0.00088	mg/Kg			09/02/14 20:44	1
1,1,1-Trichloroethane	0.00059	U	0.0050	0.00059	mg/Kg			09/02/14 20:44	1
1,1,2-Trichloroethane	0.0013	U	0.0050	0.0013	mg/Kg			09/02/14 20:44	1
Trichloroethene	0.0013	U	0.0050	0.0013	mg/Kg			09/02/14 20:44	1
Vinyl chloride	0.0015	U	0.0050	0.0015	mg/Kg			09/02/14 20:44	1
Xylenes, Total	0.0011	U	0.0099	0.0011	mg/Kg			09/02/14 20:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*89*		*65 - 130*		*09/02/14 20:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*65 - 130*		*09/02/14 20:44*	*1*
4-Bromofluorobenzene (Surr)	*104*		*65 - 130*		*09/02/14 20:44*	*1*
Toluene-d8 (Surr)	*94*		*65 - 130*		*09/02/14 20:44*	*1*

Lab Sample ID: LCS 680-346991/6
Matrix: Solid
Analysis Batch: 346991

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acrylonitrile	0.494	0.557		mg/Kg		113	50 - 150
Benzene	0.0494	0.0510		mg/Kg		103	76 - 120

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

Lab Sample ID: LCS 680-346991/6
Matrix: Solid
Analysis Batch: 346991

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	0.0494	0.0397		mg/Kg		80	64 - 150
Bromomethane	0.0494	0.0617		mg/Kg		125	10 - 174
Carbon tetrachloride	0.0494	0.0616		mg/Kg		125	67 - 140
Chlorobenzene	0.0494	0.0514		mg/Kg		104	80 - 120
Chloroethane	0.0494	0.0589		mg/Kg		119	10 - 176
Chloroform	0.0494	0.0555		mg/Kg		112	80 - 121
Chloromethane	0.0494	0.0476		mg/Kg		96	48 - 146
Dibromochloromethane	0.0494	0.0559		mg/Kg		113	77 - 132
1,2-Dichlorobenzene	0.0494	0.0607		mg/Kg		123	75 - 128
1,3-Dichlorobenzene	0.0494	0.0564		mg/Kg		114	76 - 128
1,4-Dichlorobenzene	0.0494	0.0619		mg/Kg		125	76 - 128
Dichlorodifluoromethane	0.0494	0.0530		mg/Kg		107	72 - 134
1,1-Dichloroethane	0.0494	0.0554		mg/Kg		112	80 - 120
1,2-Dichloroethane	0.0494	0.0597		mg/Kg		121	61 - 140
cis-1,2-Dichloroethene	0.0494	0.0570		mg/Kg		115	80 - 120
trans-1,2-Dichloroethene	0.0494	0.0553		mg/Kg		112	79 - 120
1,1-Dichloroethene	0.0494	0.0571		mg/Kg		116	64 - 138
1,2-Dichloropropane	0.0494	0.0509		mg/Kg		103	73 - 121
cis-1,3-Dichloropropene	0.0494	0.0550		mg/Kg		111	74 - 125
trans-1,3-Dichloropropene	0.0494	0.0558		mg/Kg		113	69 - 133
Ethylbenzene	0.0494	0.0522		mg/Kg		106	78 - 121
Methylene Chloride	0.0494	0.0627	J3	mg/Kg		127	80 - 120
Methyl tert-butyl ether	0.0494	0.0592		mg/Kg		120	80 - 121
Tetrachloroethene	0.0494	0.0503		mg/Kg		102	77 - 130
Toluene	0.0494	0.0514		mg/Kg		104	73 - 122
1,2,4-Trichlorobenzene	0.0494	0.0576		mg/Kg		117	77 - 142
1,1,1-Trichloroethane	0.0494	0.0594		mg/Kg		120	73 - 132
1,1,2-Trichloroethane	0.0494	0.0501		mg/Kg		101	72 - 124
Trichloroethene	0.0494	0.0494		mg/Kg		100	78 - 125
Vinyl chloride	0.0494	0.0520		mg/Kg		105	65 - 133
Xylenes, Total	0.0988	0.106		mg/Kg		107	79 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*110*		*65 - 130*
1,2-Dichloroethane-d4 (Surr)	*116*		*65 - 130*
4-Bromofluorobenzene (Surr)	*117*		*65 - 130*
Toluene-d8 (Surr)	*103*		*65 - 130*

Lab Sample ID: LCSD 680-346991/7
Matrix: Solid
Analysis Batch: 346991

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
Acrylonitrile	0.487	0.551		mg/Kg		113	50 - 150	1	50
Benzene	0.0487	0.0508		mg/Kg		104	76 - 120	0	50
Bromoform	0.0487	0.0318		mg/Kg		65	64 - 150	22	50
Bromomethane	0.0487	0.0591		mg/Kg		121	10 - 174	4	50
Carbon tetrachloride	0.0487	0.0601		mg/Kg		123	67 - 140	2	50

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

Lab Sample ID: LCSD 680-346991/7
Matrix: Solid
Analysis Batch: 346991

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
Chlorobenzene	0.0487	0.0499		mg/Kg		102	80 - 120	3	50
Chloroethane	0.0487	0.0586		mg/Kg		120	10 - 176	0	50
Chloroform	0.0487	0.0558		mg/Kg		114	80 - 121	0	50
Chloromethane	0.0487	0.0470		mg/Kg		96	48 - 146	1	50
Dibromochloromethane	0.0487	0.0567		mg/Kg		116	77 - 132	1	50
1,2-Dichlorobenzene	0.0487	0.0599		mg/Kg		123	75 - 128	1	50
1,3-Dichlorobenzene	0.0487	0.0551		mg/Kg		113	76 - 128	2	50
1,4-Dichlorobenzene	0.0487	0.0602		mg/Kg		124	76 - 128	3	50
Dichlorodifluoromethane	0.0487	0.0511		mg/Kg		105	72 - 134	4	50
1,1-Dichloroethane	0.0487	0.0570		mg/Kg		117	80 - 120	3	50
1,2-Dichloroethane	0.0487	0.0590		mg/Kg		121	61 - 140	1	50
cis-1,2-Dichloroethene	0.0487	0.0559		mg/Kg		115	80 - 120	2	50
trans-1,2-Dichloroethene	0.0487	0.0543		mg/Kg		111	79 - 120	2	50
1,1-Dichloroethene	0.0487	0.0565		mg/Kg		116	64 - 138	1	50
1,2-Dichloropropane	0.0487	0.0509		mg/Kg		104	73 - 121	0	50
cis-1,3-Dichloropropene	0.0487	0.0540		mg/Kg		111	74 - 125	2	50
trans-1,3-Dichloropropene	0.0487	0.0563		mg/Kg		115	69 - 133	1	50
Ethylbenzene	0.0487	0.0507		mg/Kg		104	78 - 121	3	50
Methylene Chloride	0.0487	0.0633	J3	mg/Kg		130	80 - 120	1	50
Methyl tert-butyl ether	0.0487	0.0587		mg/Kg		120	80 - 121	1	50
Tetrachloroethene	0.0487	0.0489		mg/Kg		100	77 - 130	3	50
Toluene	0.0487	0.0512		mg/Kg		105	73 - 122	0	50
1,2,4-Trichlorobenzene	0.0487	0.0561		mg/Kg		115	77 - 142	3	50
1,1,1-Trichloroethane	0.0487	0.0578		mg/Kg		119	73 - 132	3	50
1,1,2-Trichloroethane	0.0487	0.0518		mg/Kg		106	72 - 124	3	50
Trichloroethene	0.0487	0.0488		mg/Kg		100	78 - 125	1	50
Vinyl chloride	0.0487	0.0513		mg/Kg		105	65 - 133	1	50
Xylenes, Total	0.0975	0.103		mg/Kg		105	79 - 121	3	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*112*		*65 - 130*
1,2-Dichloroethane-d4 (Surr)	*120*		*65 - 130*
4-Bromofluorobenzene (Surr)	*118*		*65 - 130*
Toluene-d8 (Surr)	*100*		*65 - 130*

Lab Sample ID: MB 680-348363/8
Matrix: Solid
Analysis Batch: 348363

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	U	20	20	ug/L			09/11/14 10:01	1
Acrylonitrile	20	U	20	20	ug/L			09/11/14 10:01	1
Benzene	1.0	U	1.0	1.0	ug/L			09/11/14 10:01	1
Bromoform	1.0	U	1.0	1.0	ug/L			09/11/14 10:01	1
Bromomethane	5.0	U	5.0	5.0	ug/L			09/11/14 10:01	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			09/11/14 10:01	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			09/11/14 10:01	1
Chloroethane	5.0	U	5.0	5.0	ug/L			09/11/14 10:01	1

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

Lab Sample ID: MB 680-348363/8
Matrix: Solid
Analysis Batch: 348363

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	1.0	U	1.0	1.0	ug/L			09/11/14 10:01	1
Chloromethane	1.0	U	1.0	1.0	ug/L			09/11/14 10:01	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			09/11/14 10:01	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/11/14 10:01	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/11/14 10:01	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/11/14 10:01	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			09/11/14 10:01	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/11/14 10:01	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/11/14 10:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/11/14 10:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/11/14 10:01	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/11/14 10:01	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			09/11/14 10:01	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/11/14 10:01	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/11/14 10:01	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			09/11/14 10:01	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			09/11/14 10:01	1
Methyl tert-butyl ether	10	U	10	10	ug/L			09/11/14 10:01	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			09/11/14 10:01	1
Toluene	1.0	U	1.0	1.0	ug/L			09/11/14 10:01	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			09/11/14 10:01	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/11/14 10:01	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/11/14 10:01	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			09/11/14 10:01	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			09/11/14 10:01	1
Xylenes, Total	2.0	U	2.0	2.0	ug/L			09/11/14 10:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*09/11/14 10:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*81*		*70 - 130*		*09/11/14 10:01*	*1*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*		*09/11/14 10:01*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*09/11/14 10:01*	*1*

Lab Sample ID: LCS 680-348363/3
Matrix: Solid
Analysis Batch: 348363

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acrolein	988	1050		ug/L		106	50 - 150
Acrylonitrile	500	527		ug/L		105	50 - 150
Benzene	50.0	52.8		ug/L		106	74 - 123
Bromoform	50.0	48.3		ug/L		97	60 - 134
Bromomethane	50.0	35.4		ug/L		71	10 - 171
Carbon tetrachloride	50.0	51.5		ug/L		103	70 - 131
Chlorobenzene	50.0	51.6		ug/L		103	79 - 120
Chloroethane	50.0	51.7		ug/L		103	47 - 148
Chloroform	50.0	51.1		ug/L		102	76 - 128
Chloromethane	50.0	49.7		ug/L		99	47 - 151

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

Lab Sample ID: LCS 680-348363/3
Matrix: Solid
Analysis Batch: 348363

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dibromochloromethane	50.0	50.7		ug/L		101	63 - 134
1,2-Dichlorobenzene	50.0	50.5		ug/L		101	77 - 124
1,3-Dichlorobenzene	50.0	49.8		ug/L		100	79 - 123
1,4-Dichlorobenzene	50.0	50.1		ug/L		100	76 - 124
Dichlorodifluoromethane	50.0	64.1		ug/L		128	41 - 165
1,1-Dichloroethane	50.0	51.5		ug/L		103	69 - 132
1,2-Dichloroethane	50.0	50.4		ug/L		101	75 - 120
cis-1,2-Dichloroethene	50.0	52.4		ug/L		105	78 - 127
trans-1,2-Dichloroethene	50.0	52.1		ug/L		104	78 - 130
1,1-Dichloroethene	50.0	56.6		ug/L		113	73 - 134
1,2-Dichloropropane	50.0	50.9		ug/L		102	71 - 126
cis-1,3-Dichloropropene	50.0	50.4		ug/L		101	73 - 128
trans-1,3-Dichloropropene	50.0	52.9		ug/L		106	72 - 127
Ethylbenzene	50.0	51.3		ug/L		103	78 - 125
Methylene Chloride	50.0	52.4		ug/L		105	79 - 124
Methyl tert-butyl ether	50.0	45.5		ug/L		91	76 - 126
Tetrachloroethene	50.0	50.7		ug/L		101	77 - 128
Toluene	50.0	51.1		ug/L		102	77 - 125
1,2,4-Trichlorobenzene	50.0	48.5		ug/L		97	67 - 134
1,1,1-Trichloroethane	50.0	54.4		ug/L		109	76 - 126
1,1,2-Trichloroethane	50.0	48.6		ug/L		97	69 - 127
Trichloroethene	50.0	51.0		ug/L		102	80 - 120
Vinyl chloride	50.0	57.8		ug/L		116	58 - 141
Xylenes, Total	100	102		ug/L		102	80 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 680-348363/4
Matrix: Solid
Analysis Batch: 348363

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
Acrolein	988	1060		ug/L		108	50 - 150	1	50
Acrylonitrile	500	528		ug/L		106	50 - 150	0	50
Benzene	50.0	52.6		ug/L		105	74 - 123	0	30
Bromoform	50.0	48.3		ug/L		97	60 - 134	0	30
Bromomethane	50.0	36.6		ug/L		73	10 - 171	3	50
Carbon tetrachloride	50.0	51.3		ug/L		103	70 - 131	0	30
Chlorobenzene	50.0	50.0		ug/L		100	79 - 120	3	30
Chloroethane	50.0	57.5		ug/L		115	47 - 148	11	40
Chloroform	50.0	50.1		ug/L		100	76 - 128	2	30
Chloromethane	50.0	49.0		ug/L		98	47 - 151	1	30
Dibromochloromethane	50.0	49.4		ug/L		99	63 - 134	3	50
1,2-Dichlorobenzene	50.0	49.2		ug/L		98	77 - 124	3	30

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

Lab Sample ID: LCSD 680-348363/4
Matrix: Solid
Analysis Batch: 348363

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
1,3-Dichlorobenzene			50.0	49.5		ug/L		99	79 - 123	0	30
1,4-Dichlorobenzene			50.0	49.4		ug/L		99	76 - 124	1	30
Dichlorodifluoromethane			50.0	61.2		ug/L		122	41 - 165	5	50
1,1-Dichloroethane			50.0	51.1		ug/L		102	69 - 132	1	30
1,2-Dichloroethane			50.0	50.2		ug/L		100	75 - 120	0	30
cis-1,2-Dichloroethene			50.0	52.0		ug/L		104	78 - 127	1	30
trans-1,2-Dichloroethene			50.0	49.7		ug/L		99	78 - 130	5	30
1,1-Dichloroethene			50.0	54.4		ug/L		109	73 - 134	4	30
1,2-Dichloropropane			50.0	49.9		ug/L		100	71 - 126	2	30
cis-1,3-Dichloropropene			50.0	49.4		ug/L		99	73 - 128	2	30
trans-1,3-Dichloropropene			50.0	53.5		ug/L		107	72 - 127	1	50
Ethylbenzene			50.0	50.3		ug/L		101	78 - 125	2	30
Methylene Chloride			50.0	50.8		ug/L		102	79 - 124	3	30
Methyl tert-butyl ether			50.0	43.7		ug/L		87	76 - 126	4	30
Tetrachloroethene			50.0	49.3		ug/L		99	77 - 128	3	30
Toluene			50.0	50.2		ug/L		100	77 - 125	2	30
1,2,4-Trichlorobenzene			50.0	47.4		ug/L		95	67 - 134	2	30
1,1,1-Trichloroethane			50.0	55.0		ug/L		110	76 - 126	1	30
1,1,2-Trichloroethane			50.0	49.9		ug/L		100	69 - 127	3	30
Trichloroethene			50.0	49.4		ug/L		99	80 - 120	3	30
Vinyl chloride			50.0	56.2		ug/L		112	58 - 141	3	30
Xylenes, Total			100	101		ug/L		101	80 - 124	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*100*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 680-348583/8
Matrix: Solid
Analysis Batch: 348583

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	U	20	20	ug/L			09/12/14 11:13	1
Acrylonitrile	20	U	20	20	ug/L			09/12/14 11:13	1
Benzene	1.0	U	1.0	1.0	ug/L			09/12/14 11:13	1
Bromoform	1.0	U	1.0	1.0	ug/L			09/12/14 11:13	1
Bromomethane	5.0	U	5.0	5.0	ug/L			09/12/14 11:13	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			09/12/14 11:13	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 11:13	1
Chloroethane	5.0	U	5.0	5.0	ug/L			09/12/14 11:13	1
Chloroform	1.0	U	1.0	1.0	ug/L			09/12/14 11:13	1
Chloromethane	1.0	U	1.0	1.0	ug/L			09/12/14 11:13	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			09/12/14 11:13	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 11:13	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 11:13	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/12/14 11:13	1

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

Lab Sample ID: MB 680-348583/8
Matrix: Solid
Analysis Batch: 348583

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			09/12/14 11:13	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 11:13	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 11:13	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 11:13	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 11:13	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 11:13	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			09/12/14 11:13	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/12/14 11:13	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/12/14 11:13	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			09/12/14 11:13	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			09/12/14 11:13	1
Methyl tert-butyl ether	10	U	10	10	ug/L			09/12/14 11:13	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 11:13	1
Toluene	1.0	U	1.0	1.0	ug/L			09/12/14 11:13	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			09/12/14 11:13	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 11:13	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/12/14 11:13	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			09/12/14 11:13	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			09/12/14 11:13	1
Xylenes, Total	2.0	U	2.0	2.0	ug/L			09/12/14 11:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*09/12/14 11:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*09/12/14 11:13*	*1*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*09/12/14 11:13*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*09/12/14 11:13*	*1*

Lab Sample ID: LCS 680-348583/3
Matrix: Solid
Analysis Batch: 348583

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acrolein	1000	486	J3	ug/L		49	50 - 150
Acrylonitrile	500	474		ug/L		95	50 - 150
Benzene	50.0	51.2		ug/L		102	74 - 123
Bromoform	50.0	51.4		ug/L		103	60 - 134
Bromomethane	50.0	91.3	J3	ug/L		183	10 - 171
Carbon tetrachloride	50.0	46.8		ug/L		94	70 - 131
Chlorobenzene	50.0	51.6		ug/L		103	79 - 120
Chloroethane	50.0	45.3		ug/L		91	47 - 148
Chloroform	50.0	50.2		ug/L		100	76 - 128
Chloromethane	50.0	36.7		ug/L		73	47 - 151
Dibromochloromethane	50.0	49.7		ug/L		99	63 - 134
1,2-Dichlorobenzene	50.0	50.5		ug/L		101	77 - 124
1,3-Dichlorobenzene	50.0	51.7		ug/L		103	79 - 123
1,4-Dichlorobenzene	50.0	51.1		ug/L		102	76 - 124
Dichlorodifluoromethane	50.0	43.8		ug/L		88	41 - 165
1,1-Dichloroethane	50.0	51.8		ug/L		104	69 - 132

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

Lab Sample ID: LCS 680-348583/3
Matrix: Solid
Analysis Batch: 348583

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	50.0	49.5		ug/L		99	75 - 120
cis-1,2-Dichloroethene	50.0	51.8		ug/L		104	78 - 127
trans-1,2-Dichloroethene	50.0	51.1		ug/L		102	78 - 130
1,1-Dichloroethene	50.0	52.2		ug/L		104	73 - 134
1,2-Dichloropropane	50.0	50.7		ug/L		101	71 - 126
cis-1,3-Dichloropropene	50.0	50.9		ug/L		102	73 - 128
trans-1,3-Dichloropropene	50.0	49.2		ug/L		98	72 - 127
Ethylbenzene	50.0	54.4		ug/L		109	78 - 125
Methylene Chloride	50.0	46.2		ug/L		92	79 - 124
Methyl tert-butyl ether	50.0	48.4		ug/L		97	76 - 126
Tetrachloroethene	50.0	46.1		ug/L		92	77 - 128
Toluene	50.0	52.2		ug/L		104	77 - 125
1,2,4-Trichlorobenzene	50.0	51.4		ug/L		103	67 - 134
1,1,1-Trichloroethane	50.0	46.3		ug/L		93	76 - 126
1,1,2-Trichloroethane	50.0	49.1		ug/L		98	69 - 127
Trichloroethene	50.0	52.9		ug/L		106	80 - 120
Vinyl chloride	50.0	44.5		ug/L		89	58 - 141
Xylenes, Total	100	101		ug/L		101	80 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 680-348583/4
Matrix: Solid
Analysis Batch: 348583

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
Acrolein	1000	342	J3	ug/L		34	50 - 150	35	50
Acrylonitrile	500	446		ug/L		89	50 - 150	6	50
Benzene	50.0	49.9		ug/L		100	74 - 123	3	30
Bromoform	50.0	48.8		ug/L		98	60 - 134	5	30
Bromomethane	50.0	91.6	J3	ug/L		183	10 - 171	0	50
Carbon tetrachloride	50.0	45.3		ug/L		91	70 - 131	3	30
Chlorobenzene	50.0	50.5		ug/L		101	79 - 120	2	30
Chloroethane	50.0	43.7		ug/L		87	47 - 148	4	40
Chloroform	50.0	48.9		ug/L		98	76 - 128	3	30
Chloromethane	50.0	35.2		ug/L		70	47 - 151	4	30
Dibromochloromethane	50.0	47.7		ug/L		95	63 - 134	4	50
1,2-Dichlorobenzene	50.0	49.1		ug/L		98	77 - 124	3	30
1,3-Dichlorobenzene	50.0	50.4		ug/L		101	79 - 123	3	30
1,4-Dichlorobenzene	50.0	49.9		ug/L		100	76 - 124	2	30
Dichlorodifluoromethane	50.0	41.0		ug/L		82	41 - 165	7	50
1,1-Dichloroethane	50.0	50.0		ug/L		100	69 - 132	3	30
1,2-Dichloroethane	50.0	47.6		ug/L		95	75 - 120	4	30
cis-1,2-Dichloroethene	50.0	50.0		ug/L		100	78 - 127	4	30

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

Lab Sample ID: LCSD 680-348583/4
Matrix: Solid
Analysis Batch: 348583

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	48.9		ug/L		98	78 - 130	4	30
1,1-Dichloroethene			50.0	50.1		ug/L		100	73 - 134	4	30
1,2-Dichloropropane			50.0	49.6		ug/L		99	71 - 126	2	30
cis-1,3-Dichloropropene			50.0	49.1		ug/L		98	73 - 128	3	30
trans-1,3-Dichloropropene			50.0	47.3		ug/L		95	72 - 127	4	50
Ethylbenzene			50.0	52.7		ug/L		105	78 - 125	3	30
Methylene Chloride			50.0	44.5		ug/L		89	79 - 124	4	30
Methyl tert-butyl ether			50.0	46.7		ug/L		93	76 - 126	4	30
Tetrachloroethene			50.0	44.5		ug/L		89	77 - 128	3	30
Toluene			50.0	50.2		ug/L		100	77 - 125	4	30
1,2,4-Trichlorobenzene			50.0	50.4		ug/L		101	67 - 134	2	30
1,1,1-Trichloroethane			50.0	44.7		ug/L		89	76 - 126	4	30
1,1,2-Trichloroethane			50.0	47.2		ug/L		94	69 - 127	4	30
Trichloroethene			50.0	51.4		ug/L		103	80 - 120	3	30
Vinyl chloride			50.0	42.7		ug/L		85	58 - 141	4	30
Xylenes, Total			100	98.9		ug/L		99	80 - 124	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 680-348864/7
Matrix: Solid
Analysis Batch: 348864

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	U	20	20	ug/L			09/15/14 10:29	1
Acrylonitrile	20	U	20	20	ug/L			09/15/14 10:29	1
Benzene	1.0	U	1.0	1.0	ug/L			09/15/14 10:29	1
Bromoform	1.0	U	1.0	1.0	ug/L			09/15/14 10:29	1
Bromomethane	5.0	U	5.0	5.0	ug/L			09/15/14 10:29	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			09/15/14 10:29	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 10:29	1
Chloroethane	5.0	U	5.0	5.0	ug/L			09/15/14 10:29	1
Chloroform	1.0	U	1.0	1.0	ug/L			09/15/14 10:29	1
Chloromethane	1.0	U	1.0	1.0	ug/L			09/15/14 10:29	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			09/15/14 10:29	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 10:29	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 10:29	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 10:29	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			09/15/14 10:29	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 10:29	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 10:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 10:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 10:29	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 10:29	1

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

Lab Sample ID: MB 680-348864/7
Matrix: Solid
Analysis Batch: 348864

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			09/15/14 10:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/15/14 10:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/15/14 10:29	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			09/15/14 10:29	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			09/15/14 10:29	1
Methyl tert-butyl ether	10	U	10	10	ug/L			09/15/14 10:29	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 10:29	1
Toluene	1.0	U	1.0	1.0	ug/L			09/15/14 10:29	1
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			09/15/14 10:29	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 10:29	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 10:29	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 10:29	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			09/15/14 10:29	1
Xylenes, Total	2.0	U	2.0	2.0	ug/L			09/15/14 10:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*09/15/14 10:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*09/15/14 10:29*	*1*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*		*09/15/14 10:29*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*09/15/14 10:29*	*1*

Lab Sample ID: LCS 680-348864/3
Matrix: Solid
Analysis Batch: 348864

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acrolein	1000	1220		ug/L		122	50 - 150
Acrylonitrile	500	495		ug/L		99	50 - 150
Benzene	50.0	51.7		ug/L		103	74 - 123
Bromoform	50.0	51.1		ug/L		102	60 - 134
Bromomethane	50.0	85.3		ug/L		171	10 - 171
Carbon tetrachloride	50.0	47.0		ug/L		94	70 - 131
Chlorobenzene	50.0	51.2		ug/L		102	79 - 120
Chloroethane	50.0	44.0		ug/L		88	47 - 148
Chloroform	50.0	50.5		ug/L		101	76 - 128
Chloromethane	50.0	34.0		ug/L		68	47 - 151
Dibromochloromethane	50.0	49.8		ug/L		100	63 - 134
1,2-Dichlorobenzene	50.0	48.5		ug/L		97	77 - 124
1,3-Dichlorobenzene	50.0	50.2		ug/L		100	79 - 123
1,4-Dichlorobenzene	50.0	49.4		ug/L		99	76 - 124
Dichlorodifluoromethane	50.0	36.3		ug/L		73	41 - 165
1,1-Dichloroethane	50.0	51.7		ug/L		103	69 - 132
1,2-Dichloroethane	50.0	48.4		ug/L		97	75 - 120
cis-1,2-Dichloroethene	50.0	52.1		ug/L		104	78 - 127
trans-1,2-Dichloroethene	50.0	50.9		ug/L		102	78 - 130
1,1-Dichloroethene	50.0	51.9		ug/L		104	73 - 134
1,2-Dichloropropane	50.0	50.6		ug/L		101	71 - 126
cis-1,3-Dichloropropene	50.0	50.0		ug/L		100	73 - 128

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

Lab Sample ID: LCS 680-348864/3
Matrix: Solid
Analysis Batch: 348864

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
trans-1,3-Dichloropropene			50.0	48.6		ug/L		97	72 - 127		
Ethylbenzene			50.0	54.0		ug/L		108	78 - 125		
Methylene Chloride			50.0	46.1		ug/L		92	79 - 124		
Methyl tert-butyl ether			50.0	47.8		ug/L		96	76 - 126		
Tetrachloroethene			50.0	46.6		ug/L		93	77 - 128		
Toluene			50.0	52.6		ug/L		105	77 - 125		
1,2,4-Trichlorobenzene			50.0	48.7		ug/L		97	67 - 134		
1,1,1-Trichloroethane			50.0	46.2		ug/L		92	76 - 126		
1,1,2-Trichloroethane			50.0	49.2		ug/L		98	69 - 127		
Trichloroethene			50.0	52.4		ug/L		105	80 - 120		
Vinyl chloride			50.0	40.9		ug/L		82	58 - 141		
Xylenes, Total			100	100		ug/L		100	80 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*100*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 680-348864/4
Matrix: Solid
Analysis Batch: 348864

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
Acrolein			1000	1250		ug/L		125	50 - 150	3	50
Acrylonitrile			500	502		ug/L		100	50 - 150	1	50
Benzene			50.0	52.3		ug/L		105	74 - 123	1	30
Bromoform			50.0	51.2		ug/L		102	60 - 134	0	30
Bromomethane			50.0	84.8		ug/L		170	10 - 171	1	50
Carbon tetrachloride			50.0	48.1		ug/L		96	70 - 131	2	30
Chlorobenzene			50.0	51.9		ug/L		104	79 - 120	1	30
Chloroethane			50.0	45.5		ug/L		91	47 - 148	3	40
Chloroform			50.0	51.1		ug/L		102	76 - 128	1	30
Chloromethane			50.0	34.2		ug/L		68	47 - 151	0	30
Dibromochloromethane			50.0	50.3		ug/L		101	63 - 134	1	50
1,2-Dichlorobenzene			50.0	49.1		ug/L		98	77 - 124	1	30
1,3-Dichlorobenzene			50.0	50.8		ug/L		102	79 - 123	1	30
1,4-Dichlorobenzene			50.0	50.5		ug/L		101	76 - 124	2	30
Dichlorodifluoromethane			50.0	37.2		ug/L		74	41 - 165	3	50
1,1-Dichloroethane			50.0	52.4		ug/L		105	69 - 132	1	30
1,2-Dichloroethane			50.0	49.3		ug/L		99	75 - 120	2	30
cis-1,2-Dichloroethene			50.0	52.3		ug/L		105	78 - 127	0	30
trans-1,2-Dichloroethene			50.0	51.9		ug/L		104	78 - 130	2	30
1,1-Dichloroethene			50.0	53.1		ug/L		106	73 - 134	2	30
1,2-Dichloropropane			50.0	51.4		ug/L		103	71 - 126	1	30
cis-1,3-Dichloropropene			50.0	50.7		ug/L		101	73 - 128	1	30
trans-1,3-Dichloropropene			50.0	48.9		ug/L		98	72 - 127	1	50
Ethylbenzene			50.0	55.2		ug/L		110	78 - 125	2	30

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

Lab Sample ID: LCSD 680-348864/4
Matrix: Solid
Analysis Batch: 348864

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
Methylene Chloride			50.0	45.7		ug/L		91	79 - 124	1	30
Methyl tert-butyl ether			50.0	47.8		ug/L		96	76 - 126	0	30
Tetrachloroethene			50.0	47.2		ug/L		94	77 - 128	1	30
Toluene			50.0	53.3		ug/L		107	77 - 125	1	30
1,2,4-Trichlorobenzene			50.0	50.6		ug/L		101	67 - 134	4	30
1,1,1-Trichloroethane			50.0	46.7		ug/L		93	76 - 126	1	30
1,1,2-Trichloroethane			50.0	49.5		ug/L		99	69 - 127	0	30
Trichloroethene			50.0	53.6		ug/L		107	80 - 120	2	30
Vinyl chloride			50.0	42.2		ug/L		84	58 - 141	3	30
Xylenes, Total			100	102		ug/L		102	80 - 124	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: 660-62560-12 DU
Matrix: Solid
Analysis Batch: 348583

Client Sample ID: Comp 7-3F
Prep Type: SPLP

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Acrolein	20	J3 U		20	J3 U	ug/L				NC	
Acrylonitrile	20	U		20	U	ug/L				NC	
Benzene	1.0	U		1.0	U	ug/L				NC	
Bromoform	1.0	U		1.0	U	ug/L				NC	
Bromomethane	5.0	J3 U		5.0	J3 U	ug/L				NC	
Carbon tetrachloride	1.0	U		1.0	U	ug/L				NC	
Chlorobenzene	1.0	U		1.0	U	ug/L				NC	
Chloroethane	5.0	U		5.0	U	ug/L				NC	
Chloroform	1.0	U		1.0	U	ug/L				NC	
Chloromethane	1.0	U		1.0	U	ug/L				NC	
Dibromochloromethane	1.0	U		1.0	U	ug/L				NC	
1,2-Dichlorobenzene	1.0	U		1.0	U	ug/L				NC	
1,3-Dichlorobenzene	1.0	U		1.0	U	ug/L				NC	
1,4-Dichlorobenzene	1.0	U		1.0	U	ug/L				NC	
Dichlorodifluoromethane	1.0	U		1.0	U	ug/L				NC	
1,1-Dichloroethane	1.0	U		1.0	U	ug/L				NC	
1,2-Dichloroethane	1.0	U		1.0	U	ug/L				NC	
cis-1,2-Dichloroethene	1.0	U		1.0	U	ug/L				NC	
trans-1,2-Dichloroethene	1.0	U		1.0	U	ug/L				NC	
1,1-Dichloroethene	1.0	U		1.0	U	ug/L				NC	
1,2-Dichloropropane	1.0	U		1.0	U	ug/L				NC	
cis-1,3-Dichloropropene	1.0	U		1.0	U	ug/L				NC	
trans-1,3-Dichloropropene	1.0	U		1.0	U	ug/L				NC	
Ethylbenzene	1.0	U		1.0	U	ug/L				NC	
Methylene Chloride	5.0	U		5.0	U	ug/L				NC	
Methyl tert-butyl ether	10	U		10	U	ug/L				NC	

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

Lab Sample ID: 660-62560-12 DU
Matrix: Solid
Analysis Batch: 348583

Client Sample ID: Comp 7-3F
Prep Type: SPLP

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Tetrachloroethene	1.0	U		1.0	U	ug/L				NC	
Toluene	1.0	U		1.0	U	ug/L				NC	
1,2,4-Trichlorobenzene	5.0	U		5.0	U	ug/L				NC	
1,1,1-Trichloroethane	1.0	U		1.0	U	ug/L				NC	
1,1,2-Trichloroethane	1.0	U		1.0	U	ug/L				NC	
Trichloroethene	1.0	U		1.0	U	ug/L				NC	
Vinyl chloride	1.0	U		1.0	U	ug/L				NC	
Xylenes, Total	2.0	U		2.0	U	ug/L				NC	

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LB 680-348568/1-A
Matrix: Solid
Analysis Batch: 348864

Client Sample ID: Method Blank
Prep Type: SPLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	20	U	20	20	ug/L			09/15/14 13:59	1
Acrylonitrile	20	U	20	20	ug/L			09/15/14 13:59	1
Benzene	1.0	U	1.0	1.0	ug/L			09/15/14 13:59	1
Bromoform	1.0	U	1.0	1.0	ug/L			09/15/14 13:59	1
Bromomethane	5.0	U	5.0	5.0	ug/L			09/15/14 13:59	1
Carbon tetrachloride	1.0	U	1.0	1.0	ug/L			09/15/14 13:59	1
Chlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 13:59	1
Chloroethane	5.0	U	5.0	5.0	ug/L			09/15/14 13:59	1
Chloroform	1.0	U	1.0	1.0	ug/L			09/15/14 13:59	1
Chloromethane	1.0	U	1.0	1.0	ug/L			09/15/14 13:59	1
Dibromochloromethane	1.0	U	1.0	1.0	ug/L			09/15/14 13:59	1
1,2-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 13:59	1
1,3-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 13:59	1
1,4-Dichlorobenzene	1.0	U	1.0	1.0	ug/L			09/15/14 13:59	1
Dichlorodifluoromethane	1.0	U	1.0	1.0	ug/L			09/15/14 13:59	1
1,1-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 13:59	1
1,2-Dichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 13:59	1
cis-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 13:59	1
trans-1,2-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 13:59	1
1,1-Dichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 13:59	1
1,2-Dichloropropane	1.0	U	1.0	1.0	ug/L			09/15/14 13:59	1
cis-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/15/14 13:59	1
trans-1,3-Dichloropropene	1.0	U	1.0	1.0	ug/L			09/15/14 13:59	1
Ethylbenzene	1.0	U	1.0	1.0	ug/L			09/15/14 13:59	1
Methylene Chloride	5.0	U	5.0	5.0	ug/L			09/15/14 13:59	1
Methyl tert-butyl ether	10	U	10	10	ug/L			09/15/14 13:59	1
Tetrachloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 13:59	1
Toluene	1.0	U	1.0	1.0	ug/L			09/15/14 13:59	1

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

Lab Sample ID: LB 680-348568/1-A
Matrix: Solid
Analysis Batch: 348864

Client Sample ID: Method Blank
Prep Type: SPLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	5.0	U	5.0	5.0	ug/L			09/15/14 13:59	1
1,1,1-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 13:59	1
1,1,2-Trichloroethane	1.0	U	1.0	1.0	ug/L			09/15/14 13:59	1
Trichloroethene	1.0	U	1.0	1.0	ug/L			09/15/14 13:59	1
Vinyl chloride	1.0	U	1.0	1.0	ug/L			09/15/14 13:59	1
Xylenes, Total	2.0	U	2.0	2.0	ug/L			09/15/14 13:59	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*09/15/14 13:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*09/15/14 13:59*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*09/15/14 13:59*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*09/15/14 13:59*	*1*

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

Lab Sample ID: MB 640-111505/1-A
Matrix: Solid
Analysis Batch: 111600

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111505

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 14:35	1
Acenaphthylene	0.85	U	10	0.85	ug/L		09/09/14 19:00	09/12/14 14:35	1
Anthracene	0.86	U	10	0.86	ug/L		09/09/14 19:00	09/12/14 14:35	1
Benzo[a]anthracene	0.88	U	10	0.88	ug/L		09/09/14 19:00	09/12/14 14:35	1
Benzo[a]pyrene	0.89	U	10	0.89	ug/L		09/09/14 19:00	09/12/14 14:35	1
Benzo[b]fluoranthene	0.80	U	10	0.80	ug/L		09/09/14 19:00	09/12/14 14:35	1
Benzo[g,h,i]perylene	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 14:35	1
Benzo[k]fluoranthene	0.86	U	10	0.86	ug/L		09/09/14 19:00	09/12/14 14:35	1
Bis(2-chloroethoxy)methane	0.96	U	10	0.96	ug/L		09/09/14 19:00	09/12/14 14:35	1
Bis(2-chloroethyl)ether	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 14:35	1
bis (2-chloroisopropyl) ether	1.1	U	10	1.1	ug/L		09/09/14 19:00	09/12/14 14:35	1
Bis(2-ethylhexyl) phthalate	2.5	U	10	2.5	ug/L		09/09/14 19:00	09/12/14 14:35	1
4-Bromophenyl phenyl ether	0.97	U	10	0.97	ug/L		09/09/14 19:00	09/12/14 14:35	1
Butyl benzyl phthalate	0.98	U	10	0.98	ug/L		09/09/14 19:00	09/12/14 14:35	1
4-Chloroaniline	1.7	U	20	1.7	ug/L		09/09/14 19:00	09/12/14 14:35	1
4-Chloro-3-methylphenol	1.1	U	10	1.1	ug/L		09/09/14 19:00	09/12/14 14:35	1
2-Chloronaphthalene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 14:35	1
2-Chlorophenol	1.6	U	10	1.6	ug/L		09/09/14 19:00	09/12/14 14:35	1
4-Chlorophenyl phenyl ether	1.5	U	10	1.5	ug/L		09/09/14 19:00	09/12/14 14:35	1
Chrysene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 14:35	1
Dibenz(a,h)anthracene	2.3	U	10	2.3	ug/L		09/09/14 19:00	09/12/14 14:35	1
Dibenzofuran	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 14:35	1
3,3'-Dichlorobenzidine	6.8	U	20	6.8	ug/L		09/09/14 19:00	09/12/14 14:35	1
2,4-Dichlorophenol	3.3	U	10	3.3	ug/L		09/09/14 19:00	09/12/14 14:35	1
Diethyl phthalate	0.90	U	10	0.90	ug/L		09/09/14 19:00	09/12/14 14:35	1
2,4-Dimethylphenol	3.8	U	10	3.8	ug/L		09/09/14 19:00	09/12/14 14:35	1
Dimethyl phthalate	1.3	U	10	1.3	ug/L		09/09/14 19:00	09/12/14 14:35	1
Di-n-butyl phthalate	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 14:35	1

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

Lab Sample ID: MB 640-111505/1-A
Matrix: Solid
Analysis Batch: 111600

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111505

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	1.0	U	50	1.0	ug/L		09/09/14 19:00	09/12/14 14:35	1
2,4-Dinitrophenol	3.1	U	50	3.1	ug/L		09/09/14 19:00	09/12/14 14:35	1
2,4-Dinitrotoluene	1.7	U	10	1.7	ug/L		09/09/14 19:00	09/12/14 14:35	1
2,6-Dinitrotoluene	2.1	U	10	2.1	ug/L		09/09/14 19:00	09/12/14 14:35	1
Di-n-octyl phthalate	2.0	U	10	2.0	ug/L		09/09/14 19:00	09/12/14 14:35	1
1,2-Diphenylhydrazine(as Azobenzene)	0.99	U	10	0.99	ug/L		09/09/14 19:00	09/12/14 14:35	1
Fluoranthene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 14:35	1
Fluorene	0.90	U	10	0.90	ug/L		09/09/14 19:00	09/12/14 14:35	1
Hexachlorobenzene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 14:35	1
Hexachlorobutadiene	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 14:35	1
Hexachlorocyclopentadiene	2.1	U	10	2.1	ug/L		09/09/14 19:00	09/12/14 14:35	1
Hexachloroethane	4.5	U	10	4.5	ug/L		09/09/14 19:00	09/12/14 14:35	1
Indeno[1,2,3-cd]pyrene	2.4	U	10	2.4	ug/L		09/09/14 19:00	09/12/14 14:35	1
Isophorone	0.85	U	10	0.85	ug/L		09/09/14 19:00	09/12/14 14:35	1
2-Methylnaphthalene	1.5	U	10	1.5	ug/L		09/09/14 19:00	09/12/14 14:35	1
1-Methylnaphthalene	2.6	U	10	2.6	ug/L		09/09/14 19:00	09/12/14 14:35	1
Naphthalene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 14:35	1
Nitrobenzene	1.6	U	10	1.6	ug/L		09/09/14 19:00	09/12/14 14:35	1
2-Nitrophenol	0.96	U	10	0.96	ug/L		09/09/14 19:00	09/12/14 14:35	1
4-Nitrophenol	2.1	U	50	2.1	ug/L		09/09/14 19:00	09/12/14 14:35	1
N-Nitrosodimethylamine	2.4	U	10	2.4	ug/L		09/09/14 19:00	09/12/14 14:35	1
N-Nitrosodi-n-propylamine	0.93	U	10	0.93	ug/L		09/09/14 19:00	09/12/14 14:35	1
N-Nitrosodiphenylamine	0.62	U	10	0.62	ug/L		09/09/14 19:00	09/12/14 14:35	1
Pentachlorophenol	1.1	U	50	1.1	ug/L		09/09/14 19:00	09/12/14 14:35	1
Phenanthrene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 14:35	1
Phenol	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 14:35	1
Pyrene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 14:35	1
2,4,6-Trichlorophenol	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 14:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*55*		*48 - 124*	*09/09/14 19:00*	*09/12/14 14:35*	*1*
2-Fluorobiphenyl	*62*		*24 - 113*	*09/09/14 19:00*	*09/12/14 14:35*	*1*
2-Fluorophenol (Surr)	*51*		*12 - 105*	*09/09/14 19:00*	*09/12/14 14:35*	*1*
Terphenyl-d14 (Surr)	*82*		*36 - 127*	*09/09/14 19:00*	*09/12/14 14:35*	*1*
Phenol-d5 (Surr)	*57*		*17 - 111*	*09/09/14 19:00*	*09/12/14 14:35*	*1*
Nitrobenzene-d5 (Surr)	*56*		*26 - 107*	*09/09/14 19:00*	*09/12/14 14:35*	*1*

Lab Sample ID: LCS 640-111505/3-A
Matrix: Solid
Analysis Batch: 111600

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 111505

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	200	177		ug/L		89	51 - 110
Acenaphthylene	200	177		ug/L		88	53 - 113
Anthracene	200	191		ug/L		95	67 - 117
Benzo[a]anthracene	200	196		ug/L		98	67 - 124
Benzo[a]pyrene	200	190		ug/L		95	66 - 117

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

Lab Sample ID: LCS 640-111505/3-A
Matrix: Solid
Analysis Batch: 111600

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 111505

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo[b]fluoranthene	200	198		ug/L		99	63 - 124
Benzo[g,h,i]perylene	200	186		ug/L		93	64 - 121
Benzo[k]fluoranthene	200	192		ug/L		96	63 - 120
Bis(2-chloroethoxy)methane	200	188		ug/L		94	43 - 115
Bis(2-chloroethyl)ether	200	160		ug/L		80	40 - 109
bis (2-chloroisopropyl) ether	200	154		ug/L		77	21 - 146
Bis(2-ethylhexyl) phthalate	200	205		ug/L		102	63 - 133
4-Bromophenyl phenyl ether	200	178		ug/L		89	60 - 115
Butyl benzyl phthalate	200	204		ug/L		102	64 - 128
4-Chloroaniline	200	183		ug/L		91	25 - 102
4-Chloro-3-methylphenol	200	200		ug/L		100	57 - 114
2-Chloronaphthalene	200	171		ug/L		85	43 - 126
2-Chlorophenol	200	157		ug/L		78	37 - 108
4-Chlorophenyl phenyl ether	200	189		ug/L		95	60 - 112
Chrysene	200	192		ug/L		96	66 - 127
Dibenz(a,h)anthracene	200	185		ug/L		92	63 - 125
Dibenzofuran	200	185		ug/L		93	58 - 112
3,3'-Dichlorobenzidine	200	184		ug/L		92	50 - 100
2,4-Dichlorophenol	200	176		ug/L		88	47 - 113
Diethyl phthalate	200	200		ug/L		100	67 - 117
2,4-Dimethylphenol	200	137		ug/L		68	14 - 110
Dimethyl phthalate	200	190		ug/L		95	65 - 116
Di-n-butyl phthalate	200	197		ug/L		98	68 - 125
4,6-Dinitro-2-methylphenol	400	377		ug/L		94	43 - 135
2,4-Dinitrophenol	400	394		ug/L		99	43 - 129
2,4-Dinitrotoluene	200	211		ug/L		105	64 - 125
2,6-Dinitrotoluene	200	206		ug/L		103	58 - 124
Di-n-octyl phthalate	200	202		ug/L		101	66 - 134
1,2-Diphenylhydrazine(as Azobenzene)	200	176		ug/L		88	60 - 121
Fluoranthene	200	201		ug/L		101	69 - 124
Fluorene	200	189		ug/L		94	61 - 113
Hexachlorobenzene	200	175		ug/L		87	60 - 113
Hexachlorobutadiene	200	125		ug/L		62	15 - 101
Hexachlorocyclopentadiene	200	102		ug/L		51	10 - 100
Hexachloroethane	200	84.7		ug/L		42	10 - 100
Indeno[1,2,3-cd]pyrene	200	182		ug/L		91	62 - 132
Isophorone	200	185		ug/L		93	51 - 109
2-Methylnaphthalene	200	176		ug/L		88	43 - 105
1-Methylnaphthalene	200	176		ug/L		88	46 - 106
Naphthalene	200	151		ug/L		76	38 - 113
Nitrobenzene	200	166		ug/L		83	44 - 110
2-Nitrophenol	200	174		ug/L		87	41 - 116
4-Nitrophenol	400	421		ug/L		105	56 - 141
N-Nitrosodimethylamine	200	166		ug/L		83	27 - 126
N-Nitrosodi-n-propylamine	200	187		ug/L		93	47 - 109
N-Nitrosodiphenylamine	200	179		ug/L		90	63 - 119
Pentachlorophenol	400	382		ug/L		96	37 - 135

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

Lab Sample ID: LCS 640-111505/3-A
Matrix: Solid
Analysis Batch: 111600

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 111505

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Phenanthrene			200	186		ug/L		93	67 - 120		
Phenol			200	181		ug/L		90	38 - 110		
Pyrene			200	191		ug/L		95	66 - 134		
2,4,6-Trichlorophenol			200	178		ug/L		89	55 - 116		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*90*		*48 - 124*
2-Fluorobiphenyl	*80*		*24 - 113*
2-Fluorophenol (Surr)	*67*		*12 - 105*
Terphenyl-d14 (Surr)	*81*		*36 - 127*
Phenol-d5 (Surr)	*75*		*17 - 111*
Nitrobenzene-d5 (Surr)	*77*		*26 - 107*

Lab Sample ID: LCSD 640-111505/4-A
Matrix: Solid
Analysis Batch: 111600

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 111505

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene			200	147		ug/L		73	51 - 110	19	29
Acenaphthylene			200	148		ug/L		74	53 - 113	18	28
Anthracene			200	168		ug/L		84	67 - 117	13	25
Benzo[a]anthracene			200	170		ug/L		85	67 - 124	14	25
Benzo[a]pyrene			200	166		ug/L		83	66 - 117	14	26
Benzo[b]fluoranthene			200	172		ug/L		86	63 - 124	14	29
Benzo[g,h,i]perylene			200	158		ug/L		79	64 - 121	16	25
Benzo[k]fluoranthene			200	171		ug/L		86	63 - 120	11	26
Bis(2-chloroethoxy)methane			200	156		ug/L		78	43 - 115	19	50
Bis(2-chloroethyl)ether			200	140		ug/L		70	40 - 109	13	43
bis (2-chloroisopropyl) ether			200	133		ug/L		67	21 - 146	15	43
Bis(2-ethylhexyl) phthalate			200	179		ug/L		90	63 - 133	13	27
4-Bromophenyl phenyl ether			200	155		ug/L		78	60 - 115	13	25
Butyl benzyl phthalate			200	179		ug/L		90	64 - 128	13	24
4-Chloroaniline			200	162		ug/L		81	25 - 102	12	64
4-Chloro-3-methylphenol			200	170		ug/L		85	57 - 114	16	32
2-Chloronaphthalene			200	140		ug/L		70	43 - 126	20	40
2-Chlorophenol			200	130		ug/L		65	37 - 108	19	45
4-Chlorophenyl phenyl ether			200	155		ug/L		78	60 - 112	20	26
Chrysene			200	168		ug/L		84	66 - 127	13	24
Dibenz(a,h)anthracene			200	160		ug/L		80	63 - 125	14	27
Dibenzofuran			200	153		ug/L		76	58 - 112	19	26
3,3'-Dichlorobenzidine			200	158		ug/L		79	50 - 100	16	20
2,4-Dichlorophenol			200	154		ug/L		77	47 - 113	13	39
Diethyl phthalate			200	162	J3	ug/L		81	67 - 117	21	20
2,4-Dimethylphenol			200	121		ug/L		60	14 - 110	12	51
Dimethyl phthalate			200	158		ug/L		79	65 - 116	19	22
Di-n-butyl phthalate			200	173		ug/L		87	68 - 125	13	23
4,6-Dinitro-2-methylphenol			400	333		ug/L		83	43 - 135	12	50
2,4-Dinitrophenol			400	338		ug/L		84	43 - 129	16	22

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

Lab Sample ID: LCSD 640-111505/4-A
Matrix: Solid
Analysis Batch: 111600

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 111505

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-Dinitrotoluene	200	174		ug/L		87	64 - 125	19	22
2,6-Dinitrotoluene	200	171		ug/L		85	58 - 124	19	22
Di-n-octyl phthalate	200	176		ug/L		88	66 - 134	13	24
1,2-Diphenylhydrazine(as Azobenzene)	200	155		ug/L		78	60 - 121	12	25
Fluoranthene	200	178		ug/L		89	69 - 124	12	23
Fluorene	200	157		ug/L		78	61 - 113	18	24
Hexachlorobenzene	200	154		ug/L		77	60 - 113	13	26
Hexachlorobutadiene	200	104		ug/L		52	15 - 101	18	53
Hexachlorocyclopentadiene	200	83.6		ug/L		42	10 - 100	20	52
Hexachloroethane	200	66.6		ug/L		33	10 - 100	24	64
Indeno[1,2,3-cd]pyrene	200	158		ug/L		79	62 - 132	14	28
Isophorone	200	163		ug/L		82	51 - 109	13	35
2-Methylnaphthalene	200	150		ug/L		75	43 - 105	16	39
1-Methylnaphthalene	200	151		ug/L		75	46 - 106	15	37
Naphthalene	200	128		ug/L		64	38 - 113	17	38
Nitrobenzene	200	147		ug/L		74	44 - 110	12	40
2-Nitrophenol	200	145		ug/L		73	41 - 116	18	46
4-Nitrophenol	400	350		ug/L		88	56 - 141	18	40
N-Nitrosodimethylamine	200	141		ug/L		70	27 - 126	16	54
N-Nitrosodi-n-propylamine	200	154		ug/L		77	47 - 109	19	35
N-Nitrosodiphenylamine	200	158		ug/L		79	63 - 119	12	29
Pentachlorophenol	400	343		ug/L		86	37 - 135	11	30
Phenanthrene	200	162		ug/L		81	67 - 120	14	23
Phenol	200	142		ug/L		71	38 - 110	24	43
Pyrene	200	166		ug/L		83	66 - 134	14	24
2,4,6-Trichlorophenol	200	149		ug/L		74	55 - 116	18	29

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*76*		*48 - 124*
2-Fluorobiphenyl	*69*		*24 - 113*
2-Fluorophenol (Surr)	*60*		*12 - 105*
Terphenyl-d14 (Surr)	*74*		*36 - 127*
Phenol-d5 (Surr)	*66*		*17 - 111*
Nitrobenzene-d5 (Surr)	*71*		*26 - 107*

Lab Sample ID: MB 640-111513/1-A
Matrix: Solid
Analysis Batch: 111634

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111513

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.2	U	10	1.2	ug/L		09/10/14 15:00	09/15/14 14:51	1
Acenaphthylene	0.85	U	10	0.85	ug/L		09/10/14 15:00	09/15/14 14:51	1
Anthracene	0.86	U	10	0.86	ug/L		09/10/14 15:00	09/15/14 14:51	1
Benzo[a]anthracene	0.88	U	10	0.88	ug/L		09/10/14 15:00	09/15/14 14:51	1
Benzo[a]pyrene	0.89	U	10	0.89	ug/L		09/10/14 15:00	09/15/14 14:51	1
Benzo[b]fluoranthene	0.80	U	10	0.80	ug/L		09/10/14 15:00	09/15/14 14:51	1
Benzo[g,h,i]perylene	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/15/14 14:51	1

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

Lab Sample ID: MB 640-111513/1-A
Matrix: Solid
Analysis Batch: 111634

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111513

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.86	U	10	0.86	ug/L		09/10/14 15:00	09/15/14 14:51	1
Bis(2-chloroethoxy)methane	0.96	U	10	0.96	ug/L		09/10/14 15:00	09/15/14 14:51	1
Bis(2-chloroethyl)ether	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/15/14 14:51	1
bis (2-chloroisopropyl) ether	1.1	U	10	1.1	ug/L		09/10/14 15:00	09/15/14 14:51	1
Bis(2-ethylhexyl) phthalate	4.88	I	10	2.5	ug/L		09/10/14 15:00	09/15/14 14:51	1
4-Bromophenyl phenyl ether	0.97	U	10	0.97	ug/L		09/10/14 15:00	09/15/14 14:51	1
Butyl benzyl phthalate	4.28	I	10	0.98	ug/L		09/10/14 15:00	09/15/14 14:51	1
4-Chloroaniline	1.7	U	20	1.7	ug/L		09/10/14 15:00	09/15/14 14:51	1
4-Chloro-3-methylphenol	1.1	U	10	1.1	ug/L		09/10/14 15:00	09/15/14 14:51	1
2-Chloronaphthalene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/15/14 14:51	1
2-Chlorophenol	1.6	U	10	1.6	ug/L		09/10/14 15:00	09/15/14 14:51	1
4-Chlorophenyl phenyl ether	1.5	U	10	1.5	ug/L		09/10/14 15:00	09/15/14 14:51	1
Chrysene	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/15/14 14:51	1
Dibenz(a,h)anthracene	2.3	U	10	2.3	ug/L		09/10/14 15:00	09/15/14 14:51	1
Dibenzofuran	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/15/14 14:51	1
3,3'-Dichlorobenzidine	6.8	U	20	6.8	ug/L		09/10/14 15:00	09/15/14 14:51	1
2,4-Dichlorophenol	3.3	U	10	3.3	ug/L		09/10/14 15:00	09/15/14 14:51	1
Diethyl phthalate	0.90	U	10	0.90	ug/L		09/10/14 15:00	09/15/14 14:51	1
2,4-Dimethylphenol	3.8	U	10	3.8	ug/L		09/10/14 15:00	09/15/14 14:51	1
Dimethyl phthalate	1.3	U	10	1.3	ug/L		09/10/14 15:00	09/15/14 14:51	1
Di-n-butyl phthalate	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/15/14 14:51	1
4,6-Dinitro-2-methylphenol	1.0	U	50	1.0	ug/L		09/10/14 15:00	09/15/14 14:51	1
2,4-Dinitrophenol	3.1	U	50	3.1	ug/L		09/10/14 15:00	09/15/14 14:51	1
2,4-Dinitrotoluene	1.7	U	10	1.7	ug/L		09/10/14 15:00	09/15/14 14:51	1
2,6-Dinitrotoluene	2.1	U	10	2.1	ug/L		09/10/14 15:00	09/15/14 14:51	1
Di-n-octyl phthalate	2.0	U	10	2.0	ug/L		09/10/14 15:00	09/15/14 14:51	1
1,2-Diphenylhydrazine(as Azobenzene)	0.99	U	10	0.99	ug/L		09/10/14 15:00	09/15/14 14:51	1
Fluoranthene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/15/14 14:51	1
Fluorene	0.90	U	10	0.90	ug/L		09/10/14 15:00	09/15/14 14:51	1
Hexachlorobenzene	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/15/14 14:51	1
Hexachlorobutadiene	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/15/14 14:51	1
Hexachlorocyclopentadiene	2.1	U	10	2.1	ug/L		09/10/14 15:00	09/15/14 14:51	1
Hexachloroethane	4.5	U	10	4.5	ug/L		09/10/14 15:00	09/15/14 14:51	1
Indeno[1,2,3-cd]pyrene	2.4	U	10	2.4	ug/L		09/10/14 15:00	09/15/14 14:51	1
Isophorone	0.85	U	10	0.85	ug/L		09/10/14 15:00	09/15/14 14:51	1
2-Methylnaphthalene	1.5	U	10	1.5	ug/L		09/10/14 15:00	09/15/14 14:51	1
1-Methylnaphthalene	2.6	U	10	2.6	ug/L		09/10/14 15:00	09/15/14 14:51	1
Naphthalene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/15/14 14:51	1
Nitrobenzene	1.6	U	10	1.6	ug/L		09/10/14 15:00	09/15/14 14:51	1
2-Nitrophenol	0.96	U	10	0.96	ug/L		09/10/14 15:00	09/15/14 14:51	1
4-Nitrophenol	2.1	U	50	2.1	ug/L		09/10/14 15:00	09/15/14 14:51	1
N-Nitrosodimethylamine	2.4	U	10	2.4	ug/L		09/10/14 15:00	09/15/14 14:51	1
N-Nitrosodi-n-propylamine	0.93	U	10	0.93	ug/L		09/10/14 15:00	09/15/14 14:51	1
N-Nitrosodiphenylamine	0.62	U	10	0.62	ug/L		09/10/14 15:00	09/15/14 14:51	1
Pentachlorophenol	1.1	U	50	1.1	ug/L		09/10/14 15:00	09/15/14 14:51	1
Phenanthrene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/15/14 14:51	1
Phenol	1.2	U	10	1.2	ug/L		09/10/14 15:00	09/15/14 14:51	1

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

Lab Sample ID: MB 640-111513/1-A
Matrix: Solid
Analysis Batch: 111634

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111513

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/15/14 14:51	1
2,4,6-Trichlorophenol	1.2	U	10	1.2	ug/L		09/10/14 15:00	09/15/14 14:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*48 - 124*	*09/10/14 15:00*	*09/15/14 14:51*	*1*
2-Fluorobiphenyl	*76*		*24 - 113*	*09/10/14 15:00*	*09/15/14 14:51*	*1*
2-Fluorophenol (Surr)	*84*		*12 - 105*	*09/10/14 15:00*	*09/15/14 14:51*	*1*
Terphenyl-d14 (Surr)	*82*		*36 - 127*	*09/10/14 15:00*	*09/15/14 14:51*	*1*
Phenol-d5 (Surr)	*79*		*17 - 111*	*09/10/14 15:00*	*09/15/14 14:51*	*1*
Nitrobenzene-d5 (Surr)	*78*		*26 - 107*	*09/10/14 15:00*	*09/15/14 14:51*	*1*

Lab Sample ID: LCS 640-111513/3-A
Matrix: Solid
Analysis Batch: 111593

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 111513

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	200	194		ug/L		97	51 - 110
Acenaphthylene	200	198		ug/L		99	53 - 113
Anthracene	200	199		ug/L		99	67 - 117
Benzo[a]anthracene	200	206		ug/L		103	67 - 124
Benzo[a]pyrene	200	205		ug/L		103	66 - 117
Benzo[b]fluoranthene	200	198		ug/L		99	63 - 124
Benzo[g,h,i]perylene	200	208		ug/L		104	64 - 121
Benzo[k]fluoranthene	200	188		ug/L		94	63 - 120
Bis(2-chloroethoxy)methane	200	192		ug/L		96	43 - 115
Bis(2-chloroethyl)ether	200	187		ug/L		94	40 - 109
bis (2-chloroisopropyl) ether	200	179		ug/L		90	21 - 146
Bis(2-ethylhexyl) phthalate	200	214		ug/L		107	63 - 133
4-Bromophenyl phenyl ether	200	188		ug/L		94	60 - 115
Butyl benzyl phthalate	200	215		ug/L		107	64 - 128
4-Chloroaniline	200	188		ug/L		94	25 - 102
4-Chloro-3-methylphenol	200	204		ug/L		102	57 - 114
2-Chloronaphthalene	200	180		ug/L		90	43 - 126
2-Chlorophenol	200	178		ug/L		89	37 - 108
4-Chlorophenyl phenyl ether	200	190		ug/L		95	60 - 112
Chrysene	200	206		ug/L		103	66 - 127
Dibenz(a,h)anthracene	200	206		ug/L		103	63 - 125
Dibenzofuran	200	196		ug/L		98	58 - 112
3,3'-Dichlorobenzidine	200	148		ug/L		74	50 - 100
2,4-Dichlorophenol	200	191		ug/L		96	47 - 113
Diethyl phthalate	200	209		ug/L		104	67 - 117
2,4-Dimethylphenol	200	152		ug/L		76	14 - 110
Dimethyl phthalate	200	208		ug/L		104	65 - 116
Di-n-butyl phthalate	200	221		ug/L		111	68 - 125
4,6-Dinitro-2-methylphenol	400	355		ug/L		89	43 - 135
2,4-Dinitrophenol	400	305		ug/L		76	43 - 129
2,4-Dinitrotoluene	200	216		ug/L		108	64 - 125
2,6-Dinitrotoluene	200	204		ug/L		102	58 - 124

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

Lab Sample ID: LCS 640-111513/3-A
Matrix: Solid
Analysis Batch: 111593

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 111513

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-octyl phthalate	200	236		ug/L		118	66 - 134
1,2-Diphenylhydrazine(as Azobenzene)	200	202		ug/L		101	60 - 121
Fluoranthene	200	208		ug/L		104	69 - 124
Fluorene	200	200		ug/L		100	61 - 113
Hexachlorobenzene	200	178		ug/L		89	60 - 113
Hexachlorobutadiene	200	101		ug/L		50	15 - 101
Hexachlorocyclopentadiene	200	92.0		ug/L		46	10 - 100
Hexachloroethane	200	62.2		ug/L		31	10 - 100
Indeno[1,2,3-cd]pyrene	200	213		ug/L		106	62 - 132
Isophorone	200	202		ug/L		101	51 - 109
2-Methylnaphthalene	200	166		ug/L		83	43 - 105
1-Methylnaphthalene	200	170		ug/L		85	46 - 106
Naphthalene	200	151		ug/L		75	38 - 113
Nitrobenzene	200	190		ug/L		95	44 - 110
2-Nitrophenol	200	192		ug/L		96	41 - 116
4-Nitrophenol	400	457		ug/L		114	56 - 141
N-Nitrosodimethylamine	200	207		ug/L		104	27 - 126
N-Nitrosodi-n-propylamine	200	202		ug/L		101	47 - 109
N-Nitrosodiphenylamine	200	190		ug/L		95	63 - 119
Pentachlorophenol	400	301		ug/L		75	37 - 135
Phenanthrene	200	198		ug/L		99	67 - 120
Phenol	200	205		ug/L		103	38 - 110
Pyrene	200	202		ug/L		101	66 - 134
2,4,6-Trichlorophenol	200	195		ug/L		97	55 - 116

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*99*		*48 - 124*
2-Fluorobiphenyl	*93*		*24 - 113*
2-Fluorophenol (Surr)	*86*		*12 - 105*
Terphenyl-d14 (Surr)	*90*		*36 - 127*
Phenol-d5 (Surr)	*89*		*17 - 111*
Nitrobenzene-d5 (Surr)	*97*		*26 - 107*

Lab Sample ID: LCSD 640-111513/4-A
Matrix: Solid
Analysis Batch: 111593

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 111513

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	200	193		ug/L		97	51 - 110	0	29
Acenaphthylene	200	200		ug/L		100	53 - 113	1	28
Anthracene	200	206		ug/L		103	67 - 117	4	25
Benzo[a]anthracene	200	205		ug/L		102	67 - 124	1	25
Benzo[a]pyrene	200	208		ug/L		104	66 - 117	2	26
Benzo[b]fluoranthene	200	202		ug/L		101	63 - 124	2	29
Benzo[g,h,i]perylene	200	206		ug/L		103	64 - 121	1	25
Benzo[k]fluoranthene	200	206		ug/L		103	63 - 120	9	26
Bis(2-chloroethoxy)methane	200	196		ug/L		98	43 - 115	2	50

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

Lab Sample ID: LCSD 640-111513/4-A
Matrix: Solid
Analysis Batch: 111593

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 111513

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bis(2-chloroethyl)ether	200	186		ug/L		93	40 - 109	1	43
bis (2-chloroisopropyl) ether	200	184		ug/L		92	21 - 146	2	43
Bis(2-ethylhexyl) phthalate	200	225		ug/L		113	63 - 133	5	27
4-Bromophenyl phenyl ether	200	191		ug/L		95	60 - 115	1	25
Butyl benzyl phthalate	200	220		ug/L		110	64 - 128	3	24
4-Chloroaniline	200	202		ug/L		101	25 - 102	7	64
4-Chloro-3-methylphenol	200	207		ug/L		103	57 - 114	1	32
2-Chloronaphthalene	200	187		ug/L		93	43 - 126	4	40
2-Chlorophenol	200	180		ug/L		90	37 - 108	1	45
4-Chlorophenyl phenyl ether	200	191		ug/L		96	60 - 112	1	26
Chrysene	200	206		ug/L		103	66 - 127	0	24
Dibenz(a,h)anthracene	200	203		ug/L		102	63 - 125	1	27
Dibenzofuran	200	196		ug/L		98	58 - 112	0	26
3,3'-Dichlorobenzidine	200	166		ug/L		83	50 - 100	11	20
2,4-Dichlorophenol	200	191		ug/L		96	47 - 113	0	39
Diethyl phthalate	200	212		ug/L		106	67 - 117	2	20
2,4-Dimethylphenol	200	148		ug/L		74	14 - 110	2	51
Dimethyl phthalate	200	209		ug/L		104	65 - 116	0	22
Di-n-butyl phthalate	200	229		ug/L		115	68 - 125	4	23
4,6-Dinitro-2-methylphenol	400	382		ug/L		96	43 - 135	8	50
2,4-Dinitrophenol	400	368		ug/L		92	43 - 129	19	22
2,4-Dinitrotoluene	200	216		ug/L		108	64 - 125	0	22
2,6-Dinitrotoluene	200	213		ug/L		107	58 - 124	4	22
Di-n-octyl phthalate	200	238		ug/L		119	66 - 134	1	24
1,2-Diphenylhydrazine(as Azobenzene)	200	209		ug/L		104	60 - 121	3	25
Fluoranthene	200	214		ug/L		107	69 - 124	3	23
Fluorene	200	204		ug/L		102	61 - 113	2	24
Hexachlorobenzene	200	190		ug/L		95	60 - 113	6	26
Hexachlorobutadiene	200	116		ug/L		58	15 - 101	14	53
Hexachlorocyclopentadiene	200	99.4		ug/L		50	10 - 100	8	52
Hexachloroethane	200	82.2		ug/L		41	10 - 100	28	64
Indeno[1,2,3-cd]pyrene	200	207		ug/L		103	62 - 132	3	28
Isophorone	200	206		ug/L		103	51 - 109	2	35
2-Methylnaphthalene	200	178		ug/L		89	43 - 105	7	39
1-Methylnaphthalene	200	178		ug/L		89	46 - 106	5	37
Naphthalene	200	163		ug/L		82	38 - 113	8	38
Nitrobenzene	200	193		ug/L		96	44 - 110	1	40
2-Nitrophenol	200	202		ug/L		101	41 - 116	5	46
4-Nitrophenol	400	460		ug/L		115	56 - 141	1	40
N-Nitrosodimethylamine	200	214		ug/L		107	27 - 126	3	54
N-Nitrosodi-n-propylamine	200	209		ug/L		105	47 - 109	4	35
N-Nitrosodiphenylamine	200	202		ug/L		101	63 - 119	6	29
Pentachlorophenol	400	320		ug/L		80	37 - 135	6	30
Phenanthrene	200	204		ug/L		102	67 - 120	3	23
Phenol	200	213		ug/L		107	38 - 110	4	43
Pyrene	200	203		ug/L		102	66 - 134	1	24
2,4,6-Trichlorophenol	200	204		ug/L		102	55 - 116	5	29

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

Lab Sample ID: LCSD 640-111513/4-A
Matrix: Solid
Analysis Batch: 111593

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 111513

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*106*		*48 - 124*
2-Fluorobiphenyl	*98*		*24 - 113*
2-Fluorophenol (Surr)	*87*		*12 - 105*
Terphenyl-d14 (Surr)	*93*		*36 - 127*
Phenol-d5 (Surr)	*95*		*17 - 111*
Nitrobenzene-d5 (Surr)	*99*		*26 - 107*

Lab Sample ID: MB 680-347149/20-A
Matrix: Solid
Analysis Batch: 348220

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347149

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.041	U	0.33	0.041	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Acenaphthylene	0.036	U	0.33	0.036	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Anthracene	0.025	U	0.33	0.025	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Benzo[a]anthracene	0.027	U	0.33	0.027	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Benzo[a]pyrene	0.052	U	0.33	0.052	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Benzo[b]fluoranthene	0.038	U	0.33	0.038	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Benzo[g,h,i]perylene	0.022	U	0.33	0.022	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Benzo[k]fluoranthene	0.065	U	0.33	0.065	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Bis(2-chloroethoxy)methane	0.039	U	0.33	0.039	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Bis(2-chloroethyl)ether	0.045	U	0.33	0.045	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
bis (2-chloroisopropyl) ether	0.030	U	0.33	0.030	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Bis(2-ethylhexyl) phthalate	0.029	U	0.33	0.029	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
4-Bromophenyl phenyl ether	0.036	U	0.33	0.036	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Butyl benzyl phthalate	0.026	U	0.33	0.026	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
4-Chloroaniline	0.052	U	0.66	0.052	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
4-Chloro-3-methylphenol	0.035	U	0.33	0.035	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
2-Chloronaphthalene	0.035	U	0.33	0.035	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
2-Chlorophenol	0.040	U	0.33	0.040	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
4-Chlorophenyl phenyl ether	0.044	U	0.33	0.044	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Chrysene	0.021	U	0.33	0.021	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Dibenz(a,h)anthracene	0.039	U	0.33	0.039	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Dibenzofuran	0.033	U	0.33	0.033	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
3,3'-Dichlorobenzidine	0.028	U	0.66	0.028	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
2,4-Dichlorophenol	0.035	U	0.33	0.035	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Diethyl phthalate	0.037	U	0.33	0.037	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
2,4-Dimethylphenol	0.044	U	0.33	0.044	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Dimethyl phthalate	0.034	U	0.33	0.034	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Di-n-butyl phthalate	0.030	U	0.33	0.030	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
4,6-Dinitro-2-methylphenol	0.17	U	1.7	0.17	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
2,4-Dinitrophenol	0.83	U	1.7	0.83	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
2,4-Dinitrotoluene	0.049	U	0.33	0.049	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
2,6-Dinitrotoluene	0.042	U	0.33	0.042	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Di-n-octyl phthalate	0.029	U	0.33	0.029	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
1,2-Diphenylhydrazine(as Azobenzene)	0.034	U	0.33	0.034	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Fluoranthene	0.032	U	0.33	0.032	mg/Kg		09/03/14 13:30	09/10/14 12:22	1

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

Lab Sample ID: MB 680-347149/20-A
Matrix: Solid
Analysis Batch: 348220

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347149

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	0.036	U	0.33	0.036	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Hexachlorobenzene	0.039	U	0.33	0.039	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Hexachlorobutadiene	0.036	U	0.33	0.036	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Hexachlorocyclopentadiene	0.041	U	0.33	0.041	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Hexachloroethane	0.028	U	0.33	0.028	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Indeno[1,2,3-cd]pyrene	0.028	U	0.33	0.028	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Isophorone	0.033	U	0.33	0.033	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
1-Methylnaphthalene	0.031	U	0.33	0.031	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
2-Methylnaphthalene	0.038	U	0.33	0.038	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Naphthalene	0.030	U	0.33	0.030	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Nitrobenzene	0.026	U	0.33	0.026	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
2-Nitrophenol	0.041	U	0.33	0.041	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
4-Nitrophenol	0.33	U	1.7	0.33	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
N-Nitrosodimethylamine	0.12	U	0.33	0.12	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
N-Nitrosodi-n-propylamine	0.032	U	0.33	0.032	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
N-Nitrosodiphenylamine	0.033	U	0.33	0.033	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Pentachlorophenol	0.33	U	1.7	0.33	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Phenanthrene	0.027	U	0.33	0.027	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Phenol	0.034	U	0.33	0.034	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
Pyrene	0.027	U	0.33	0.027	mg/Kg		09/03/14 13:30	09/10/14 12:22	1
2,4,6-Trichlorophenol	0.029	U	0.33	0.029	mg/Kg		09/03/14 13:30	09/10/14 12:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*88*		*41 - 116*	*09/03/14 13:30*	*09/10/14 12:22*	*1*
2-Fluorophenol (Surr)	*84*		*39 - 114*	*09/03/14 13:30*	*09/10/14 12:22*	*1*
Nitrobenzene-d5 (Surr)	*88*		*37 - 115*	*09/03/14 13:30*	*09/10/14 12:22*	*1*
Phenol-d5 (Surr)	*88*		*38 - 122*	*09/03/14 13:30*	*09/10/14 12:22*	*1*
Terphenyl-d14 (Surr)	*99*		*46 - 126*	*09/03/14 13:30*	*09/10/14 12:22*	*1*
2,4,6-Tribromophenol (Surr)	*86*		*45 - 129*	*09/03/14 13:30*	*09/10/14 12:22*	*1*

Lab Sample ID: LCS 680-347149/21-A
Matrix: Solid
Analysis Batch: 348220

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347149

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	3.33	2.63		mg/Kg		79	47 - 130
Acenaphthylene	3.33	3.00		mg/Kg		90	45 - 130
Anthracene	3.33	3.02		mg/Kg		91	50 - 130
Benzo[a]anthracene	3.33	3.18		mg/Kg		96	50 - 130
Benzo[a]pyrene	3.33	2.77		mg/Kg		83	47 - 131
Benzo[b]fluoranthene	3.33	2.78		mg/Kg		83	48 - 130
Benzo[g,h,i]perylene	3.33	3.07		mg/Kg		92	42 - 130
Benzo[k]fluoranthene	3.33	2.76		mg/Kg		83	48 - 108
Bis(2-chloroethoxy)methane	3.33	2.69		mg/Kg		81	47 - 130
Bis(2-chloroethyl)ether	3.33	2.67		mg/Kg		80	37 - 130
bis (2-chloroisopropyl) ether	3.33	2.60		mg/Kg		78	38 - 130
Bis(2-ethylhexyl) phthalate	3.33	3.25		mg/Kg		97	48 - 130
4-Bromophenyl phenyl ether	3.33	2.97		mg/Kg		89	53 - 130

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

Lab Sample ID: LCS 680-347149/21-A
Matrix: Solid
Analysis Batch: 348220

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347149

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Butyl benzyl phthalate	3.33	3.27		mg/Kg		98	53 - 134
4-Chloroaniline	3.33	2.39		mg/Kg		72	10 - 130
4-Chloro-3-methylphenol	3.33	2.99		mg/Kg		90	51 - 130
2-Chloronaphthalene	3.33	2.93		mg/Kg		88	48 - 130
2-Chlorophenol	3.33	2.78		mg/Kg		83	47 - 130
4-Chlorophenyl phenyl ether	3.33	2.91		mg/Kg		87	49 - 130
Chrysene	3.33	3.13		mg/Kg		94	47 - 130
Dibenz(a,h)anthracene	3.33	2.83		mg/Kg		85	44 - 130
Dibenzofuran	3.33	2.96		mg/Kg		89	49 - 130
3,3'-Dichlorobenzidine	3.33	2.86		mg/Kg		86	16 - 130
2,4-Dichlorophenol	3.33	2.89		mg/Kg		87	48 - 130
Diethyl phthalate	3.33	3.02		mg/Kg		91	49 - 130
2,4-Dimethylphenol	3.33	2.78		mg/Kg		84	43 - 130
Dimethyl phthalate	3.33	3.02		mg/Kg		91	50 - 130
Di-n-butyl phthalate	3.33	3.15		mg/Kg		95	52 - 130
4,6-Dinitro-2-methylphenol	6.66	4.27		mg/Kg		64	23 - 130
2,4-Dinitrophenol	6.66	2.60		mg/Kg		39	10 - 130
2,4-Dinitrotoluene	3.33	3.11		mg/Kg		93	49 - 111
2,6-Dinitrotoluene	3.33	3.07		mg/Kg		92	49 - 130
Di-n-octyl phthalate	3.33	3.22		mg/Kg		97	46 - 130
1,2-Diphenylhydrazine(as Azobenzene)	3.33	3.00		mg/Kg		90	44 - 130
Fluoranthene	3.33	3.20		mg/Kg		96	51 - 130
Fluorene	3.33	2.97		mg/Kg		89	52 - 130
Hexachlorobenzene	3.33	2.98		mg/Kg		89	53 - 130
Hexachlorobutadiene	3.33	2.64		mg/Kg		79	48 - 130
Hexachlorocyclopentadiene	3.33	2.91		mg/Kg		88	28 - 130
Hexachloroethane	3.33	2.46		mg/Kg		74	42 - 130
Indeno[1,2,3-cd]pyrene	3.33	2.98		mg/Kg		90	41 - 130
Isophorone	3.33	2.81		mg/Kg		84	48 - 130
1-Methylnaphthalene	3.33	2.80		mg/Kg		84	48 - 130
2-Methylnaphthalene	3.33	2.78		mg/Kg		84	48 - 130
Naphthalene	3.33	2.69		mg/Kg		81	47 - 130
Nitrobenzene	3.33	2.72		mg/Kg		82	45 - 130
2-Nitrophenol	3.33	2.79		mg/Kg		84	43 - 130
4-Nitrophenol	6.66	6.10		mg/Kg		92	40 - 130
N-Nitrosodimethylamine	3.33	2.38		mg/Kg		72	33 - 130
N-Nitrosodi-n-propylamine	3.33	2.79		mg/Kg		84	38 - 130
N-Nitrosodiphenylamine	3.33	2.98		mg/Kg		89	50 - 130
Pentachlorophenol	6.66	5.90		mg/Kg		89	41 - 130
Phenanthrene	3.33	2.97		mg/Kg		89	52 - 130
Phenol	3.33	2.83		mg/Kg		85	47 - 130
Pyrene	3.33	3.16		mg/Kg		95	50 - 130
2,4,6-Trichlorophenol	3.33	3.02		mg/Kg		91	50 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*85*		*41 - 116*
2-Fluorophenol (Surr)	*83*		*39 - 114*

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

Lab Sample ID: LCS 680-347149/21-A
Matrix: Solid
Analysis Batch: 348220

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347149

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*84*		*37 - 115*
Phenol-d5 (Surr)	*84*		*38 - 122*
Terphenyl-d14 (Surr)	*93*		*46 - 126*
2,4,6-Tribromophenol (Surr)	*95*		*45 - 129*

Lab Sample ID: 660-62560-17 MS
Matrix: Solid
Analysis Batch: 348220

Client Sample ID: Area 6 Coarse Comp
Prep Type: Total/NA
Prep Batch: 347149

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	0.29	U	23.7	15.4		mg/Kg	☼	65	58 - 130
Acenaphthylene	0.26	U	23.7	17.9		mg/Kg	☼	75	58 - 130
Anthracene	0.18	U	23.7	18.2		mg/Kg	☼	76	60 - 130
Benzo[a]anthracene	0.19	U	23.7	19.2		mg/Kg	☼	81	62 - 130
Benzo[a]pyrene	0.37	U	23.7	16.9		mg/Kg	☼	71	68 - 131
Benzo[b]fluoranthene	0.27	U	23.7	16.8		mg/Kg	☼	71	53 - 130
Benzo[g,h,i]perylene	0.16	U	23.7	17.7		mg/Kg	☼	75	54 - 130
Benzo[k]fluoranthene	0.46	U	23.7	15.7		mg/Kg	☼	66	57 - 130
Bis(2-chloroethoxy)methane	0.28	U	23.7	17.6		mg/Kg	☼	74	56 - 130
Bis(2-chloroethyl)ether	0.32	U	23.7	16.1		mg/Kg	☼	68	42 - 130
bis (2-chloroisopropyl) ether	0.21	U	23.7	16.0		mg/Kg	☼	68	44 - 130
Bis(2-ethylhexyl) phthalate	0.21	U	23.7	20.3		mg/Kg	☼	86	62 - 132
4-Bromophenyl phenyl ether	0.26	U	23.7	17.8		mg/Kg	☼	75	65 - 130
Butyl benzyl phthalate	0.19	U	23.7	19.5		mg/Kg	☼	82	65 - 134
4-Chloroaniline	0.37	U	23.7	12.2		mg/Kg	☼	51	36 - 130
4-Chloro-3-methylphenol	0.25	U	23.7	19.5		mg/Kg	☼	82	52 - 130
2-Chloronaphthalene	0.25	U	23.7	17.6		mg/Kg	☼	74	55 - 130
2-Chlorophenol	0.28	U	23.7	17.0		mg/Kg	☼	72	51 - 130
4-Chlorophenyl phenyl ether	0.31	U	23.7	17.2		mg/Kg	☼	73	61 - 130
Chrysene	0.15	U	23.7	18.6		mg/Kg	☼	78	62 - 130
Dibenz(a,h)anthracene	0.28	U	23.7	17.3		mg/Kg	☼	73	56 - 130
Dibenzofuran	0.23	U	23.7	18.2		mg/Kg	☼	77	56 - 130
3,3'-Dichlorobenzidine	0.20	U	23.7	17.6		mg/Kg	☼	74	45 - 130
2,4-Dichlorophenol	0.25	U	23.7	19.2		mg/Kg	☼	81	53 - 130
Diethyl phthalate	0.26	U	23.7	19.4		mg/Kg	☼	82	62 - 130
2,4-Dimethylphenol	0.31	U	23.7	18.9		mg/Kg	☼	80	47 - 130
Dimethyl phthalate	0.24	U	23.7	19.5		mg/Kg	☼	82	63 - 130
Di-n-butyl phthalate	0.21	U	23.7	18.0		mg/Kg	☼	76	65 - 130
4,6-Dinitro-2-methylphenol	1.2	U	47.5	24.7		mg/Kg	☼	52	14 - 137
2,4-Dinitrophenol	5.9	U	47.5	9.66	I	mg/Kg	☼	20	10 - 154
2,4-Dinitrotoluene	0.35	U	23.7	19.3		mg/Kg	☼	81	55 - 130
2,6-Dinitrotoluene	0.30	U	23.7	19.6		mg/Kg	☼	82	57 - 130
Di-n-octyl phthalate	0.21	U	23.7	19.5		mg/Kg	☼	82	59 - 146
1,2-Diphenylhydrazine(as Azobenzene)	0.24	U	23.7	17.5		mg/Kg	☼	74	49 - 130
Fluoranthene	0.23	U	23.7	17.9		mg/Kg	☼	75	62 - 130
Fluorene	0.26	U	23.7	18.2		mg/Kg	☼	77	58 - 130
Hexachlorobenzene	0.28	U	23.7	17.9		mg/Kg	☼	75	59 - 130

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

Lab Sample ID: 660-62560-17 MS
Matrix: Solid
Analysis Batch: 348220

Client Sample ID: Area 6 Coarse Comp
Prep Type: Total/NA
Prep Batch: 347149

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachlorobutadiene	0.26	U	23.7	16.8		mg/Kg	☼	71	47 - 130
Hexachlorocyclopentadiene	0.29	U	23.7	11.3		mg/Kg	☼	48	35 - 130
Hexachloroethane	0.20	U	23.7	14.6		mg/Kg	☼	61	44 - 130
Indeno[1,2,3-cd]pyrene	0.20	U	23.7	17.9		mg/Kg	☼	75	52 - 130
Isophorone	0.23	U	23.7	17.8		mg/Kg	☼	75	48 - 130
1-Methylnaphthalene	0.22	U	23.7	17.8		mg/Kg	☼	75	48 - 130
2-Methylnaphthalene	0.27	U	23.7	17.6		mg/Kg	☼	74	55 - 130
Naphthalene	0.21	U	23.7	16.9		mg/Kg	☼	71	54 - 130
Nitrobenzene	0.19	U	23.7	17.0		mg/Kg	☼	71	43 - 130
2-Nitrophenol	0.29	U	23.7	18.0		mg/Kg	☼	76	45 - 130
4-Nitrophenol	2.3	U	47.5	38.8		mg/Kg	☼	82	30 - 130
N-Nitrosodimethylamine	0.85	U	23.7	13.3		mg/Kg	☼	56	31 - 130
N-Nitrosodi-n-propylamine	0.23	U	23.7	17.8		mg/Kg	☼	75	48 - 130
N-Nitrosodiphenylamine	0.23	U	23.7	18.5		mg/Kg	☼	78	62 - 130
Pentachlorophenol	2.3	U	47.5	35.1		mg/Kg	☼	74	38 - 131
Phenanthrene	0.19	U	23.7	18.0		mg/Kg	☼	76	61 - 130
Phenol	0.24	U	23.7	17.5		mg/Kg	☼	74	46 - 130
Pyrene	0.19	U	23.7	18.8		mg/Kg	☼	79	59 - 130
2,4,6-Trichlorophenol	0.21	U	23.7	19.2		mg/Kg	☼	81	53 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*72*		*41 - 116*
2-Fluorophenol (Surr)	*72*		*39 - 114*
Nitrobenzene-d5 (Surr)	*73*		*37 - 115*
Phenol-d5 (Surr)	*74*		*38 - 122*
Terphenyl-d14 (Surr)	*80*		*46 - 126*
2,4,6-Tribromophenol (Surr)	*85*		*45 - 129*

Lab Sample ID: 660-62560-17 MSD
Matrix: Solid
Analysis Batch: 348220

Client Sample ID: Area 6 Coarse Comp
Prep Type: Total/NA
Prep Batch: 347149

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	0.29	U	23.7	16.4		mg/Kg	☼	69	58 - 130	6	50
Acenaphthylene	0.26	U	23.7	19.3		mg/Kg	☼	81	58 - 130	8	50
Anthracene	0.18	U	23.7	20.2		mg/Kg	☼	85	60 - 130	11	50
Benzo[a]anthracene	0.19	U	23.7	21.1		mg/Kg	☼	89	62 - 130	9	50
Benzo[a]pyrene	0.37	U	23.7	18.5		mg/Kg	☼	78	68 - 131	9	50
Benzo[b]fluoranthene	0.27	U	23.7	19.5		mg/Kg	☼	82	53 - 130	15	50
Benzo[g,h,i]perylene	0.16	U	23.7	19.7		mg/Kg	☼	83	54 - 130	10	50
Benzo[k]fluoranthene	0.46	U	23.7	17.2		mg/Kg	☼	73	57 - 130	9	50
Bis(2-chloroethoxy)methane	0.28	U	23.7	18.2		mg/Kg	☼	77	56 - 130	4	50
Bis(2-chloroethyl)ether	0.32	U	23.7	17.6		mg/Kg	☼	74	42 - 130	9	50
bis (2-chloroisopropyl) ether	0.21	U	23.7	17.0		mg/Kg	☼	72	44 - 130	6	50
Bis(2-ethylhexyl) phthalate	0.21	U	23.7	21.6		mg/Kg	☼	91	62 - 132	6	50
4-Bromophenyl phenyl ether	0.26	U	23.7	19.8		mg/Kg	☼	84	65 - 130	11	50
Butyl benzyl phthalate	0.19	U	23.7	21.8		mg/Kg	☼	92	65 - 134	11	50
4-Chloroaniline	0.37	U	23.7	15.1		mg/Kg	☼	64	36 - 130	21	50

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

Lab Sample ID: 660-62560-17 MSD
Matrix: Solid
Analysis Batch: 348220

Client Sample ID: Area 6 Coarse Comp
Prep Type: Total/NA
Prep Batch: 347149

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Chloro-3-methylphenol	0.25	U	23.7	20.4		mg/Kg	☼	86	52 - 130	4	50
2-Chloronaphthalene	0.25	U	23.7	18.5		mg/Kg	☼	78	55 - 130	5	50
2-Chlorophenol	0.28	U	23.7	17.9		mg/Kg	☼	76	51 - 130	5	50
4-Chlorophenyl phenyl ether	0.31	U	23.7	18.6		mg/Kg	☼	79	61 - 130	8	50
Chrysene	0.15	U	23.7	20.3		mg/Kg	☼	85	62 - 130	9	50
Dibenz(a,h)anthracene	0.28	U	23.7	19.0		mg/Kg	☼	80	56 - 130	9	50
Dibenzofuran	0.23	U	23.7	19.1		mg/Kg	☼	81	56 - 130	5	50
3,3'-Dichlorobenzidine	0.20	U	23.7	21.3		mg/Kg	☼	90	45 - 130	19	50
2,4-Dichlorophenol	0.25	U	23.7	20.1		mg/Kg	☼	85	53 - 130	5	50
Diethyl phthalate	0.26	U	23.7	20.3		mg/Kg	☼	86	62 - 130	5	50
2,4-Dimethylphenol	0.31	U	23.7	19.5		mg/Kg	☼	82	47 - 130	3	50
Dimethyl phthalate	0.24	U	23.7	20.3		mg/Kg	☼	86	63 - 130	4	50
Di-n-butyl phthalate	0.21	U	23.7	20.8		mg/Kg	☼	88	65 - 130	14	50
4,6-Dinitro-2-methylphenol	1.2	U	47.4	28.3		mg/Kg	☼	60	14 - 137	14	50
2,4-Dinitrophenol	5.9	U	47.4	12.3		mg/Kg	☼	26	10 - 154	24	50
2,4-Dinitrotoluene	0.35	U	23.7	20.5		mg/Kg	☼	86	55 - 130	6	50
2,6-Dinitrotoluene	0.30	U	23.7	20.4		mg/Kg	☼	86	57 - 130	4	50
Di-n-octyl phthalate	0.21	U	23.7	21.5		mg/Kg	☼	91	59 - 146	9	50
1,2-Diphenylhydrazine(as Azobenzene)	0.24	U	23.7	19.1		mg/Kg	☼	80	49 - 130	9	50
Fluoranthene	0.23	U	23.7	19.9		mg/Kg	☼	84	62 - 130	11	50
Fluorene	0.26	U	23.7	19.1		mg/Kg	☼	80	58 - 130	5	50
Hexachlorobenzene	0.28	U	23.7	19.2		mg/Kg	☼	81	59 - 130	7	50
Hexachlorobutadiene	0.26	U	23.7	18.1		mg/Kg	☼	76	47 - 130	7	50
Hexachlorocyclopentadiene	0.29	U	23.7	10.7		mg/Kg	☼	45	35 - 130	6	50
Hexachloroethane	0.20	U	23.7	15.4		mg/Kg	☼	65	44 - 130	6	50
Indeno[1,2,3-cd]pyrene	0.20	U	23.7	18.7		mg/Kg	☼	79	52 - 130	4	50
Isophorone	0.23	U	23.7	19.0		mg/Kg	☼	80	48 - 130	7	50
1-Methylnaphthalene	0.22	U	23.7	19.2		mg/Kg	☼	81	48 - 130	8	50
2-Methylnaphthalene	0.27	U	23.7	18.8		mg/Kg	☼	79	55 - 130	7	50
Naphthalene	0.21	U	23.7	18.2		mg/Kg	☼	77	54 - 130	7	50
Nitrobenzene	0.19	U	23.7	18.0		mg/Kg	☼	76	43 - 130	6	50
2-Nitrophenol	0.29	U	23.7	18.8		mg/Kg	☼	79	45 - 130	4	50
4-Nitrophenol	2.3	U	47.4	40.2		mg/Kg	☼	85	30 - 130	4	50
N-Nitrosodimethylamine	0.85	U	23.7	13.6		mg/Kg	☼	57	31 - 130	3	50
N-Nitrosodi-n-propylamine	0.23	U	23.7	19.5		mg/Kg	☼	82	48 - 130	9	50
N-Nitrosodiphenylamine	0.23	U	23.7	20.3		mg/Kg	☼	86	62 - 130	9	50
Pentachlorophenol	2.3	U	47.4	39.7		mg/Kg	☼	84	38 - 131	12	50
Phenanthrene	0.19	U	23.7	19.6		mg/Kg	☼	83	61 - 130	9	50
Phenol	0.24	U	23.7	18.6		mg/Kg	☼	78	46 - 130	6	50
Pyrene	0.19	U	23.7	20.5		mg/Kg	☼	86	59 - 130	9	50
2,4,6-Trichlorophenol	0.21	U	23.7	20.4		mg/Kg	☼	86	53 - 130	6	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*74*		*41 - 116*
2-Fluorophenol (Surr)	*76*		*39 - 114*
Nitrobenzene-d5 (Surr)	*74*		*37 - 115*
Phenol-d5 (Surr)	*79*		*38 - 122*

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

Lab Sample ID: 660-62560-17 MSD
Matrix: Solid
Analysis Batch: 348220

Client Sample ID: Area 6 Coarse Comp
Prep Type: Total/NA
Prep Batch: 347149

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Terphenyl-d14 (Surr)	*82*		*46 - 126*
2,4,6-Tribromophenol (Surr)	*88*		*45 - 129*

Lab Sample ID: LB 640-111499/1-C
Matrix: Solid
Analysis Batch: 111600

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 111505

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 15:06	1
Acenaphthylene	0.85	U	10	0.85	ug/L		09/09/14 19:00	09/12/14 15:06	1
Anthracene	0.86	U	10	0.86	ug/L		09/09/14 19:00	09/12/14 15:06	1
Benzo[a]anthracene	0.88	U	10	0.88	ug/L		09/09/14 19:00	09/12/14 15:06	1
Benzo[a]pyrene	0.89	U	10	0.89	ug/L		09/09/14 19:00	09/12/14 15:06	1
Benzo[b]fluoranthene	0.80	U	10	0.80	ug/L		09/09/14 19:00	09/12/14 15:06	1
Benzo[g,h,i]perylene	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 15:06	1
Benzo[k]fluoranthene	0.86	U	10	0.86	ug/L		09/09/14 19:00	09/12/14 15:06	1
Bis(2-chloroethoxy)methane	0.96	U	10	0.96	ug/L		09/09/14 19:00	09/12/14 15:06	1
Bis(2-chloroethyl)ether	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 15:06	1
bis (2-chloroisopropyl) ether	1.1	U	10	1.1	ug/L		09/09/14 19:00	09/12/14 15:06	1
Bis(2-ethylhexyl) phthalate	2.5	U	10	2.5	ug/L		09/09/14 19:00	09/12/14 15:06	1
4-Bromophenyl phenyl ether	0.97	U	10	0.97	ug/L		09/09/14 19:00	09/12/14 15:06	1
Butyl benzyl phthalate	0.98	U	10	0.98	ug/L		09/09/14 19:00	09/12/14 15:06	1
4-Chloroaniline	1.7	U	20	1.7	ug/L		09/09/14 19:00	09/12/14 15:06	1
4-Chloro-3-methylphenol	1.1	U	10	1.1	ug/L		09/09/14 19:00	09/12/14 15:06	1
2-Chloronaphthalene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 15:06	1
2-Chlorophenol	1.6	U	10	1.6	ug/L		09/09/14 19:00	09/12/14 15:06	1
4-Chlorophenyl phenyl ether	1.5	U	10	1.5	ug/L		09/09/14 19:00	09/12/14 15:06	1
Chrysene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 15:06	1
Dibenz(a,h)anthracene	2.3	U	10	2.3	ug/L		09/09/14 19:00	09/12/14 15:06	1
Dibenzofuran	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 15:06	1
3,3'-Dichlorobenzidine	6.8	U	20	6.8	ug/L		09/09/14 19:00	09/12/14 15:06	1
2,4-Dichlorophenol	3.3	U	10	3.3	ug/L		09/09/14 19:00	09/12/14 15:06	1
Diethyl phthalate	0.90	U	10	0.90	ug/L		09/09/14 19:00	09/12/14 15:06	1
2,4-Dimethylphenol	3.8	U	10	3.8	ug/L		09/09/14 19:00	09/12/14 15:06	1
Dimethyl phthalate	1.3	U	10	1.3	ug/L		09/09/14 19:00	09/12/14 15:06	1
Di-n-butyl phthalate	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 15:06	1
4,6-Dinitro-2-methylphenol	1.0	U	50	1.0	ug/L		09/09/14 19:00	09/12/14 15:06	1
2,4-Dinitrophenol	3.1	U	50	3.1	ug/L		09/09/14 19:00	09/12/14 15:06	1
2,4-Dinitrotoluene	1.7	U	10	1.7	ug/L		09/09/14 19:00	09/12/14 15:06	1
2,6-Dinitrotoluene	2.1	U	10	2.1	ug/L		09/09/14 19:00	09/12/14 15:06	1
Di-n-octyl phthalate	2.0	U	10	2.0	ug/L		09/09/14 19:00	09/12/14 15:06	1
1,2-Diphenylhydrazine(as Azobenzene)	0.99	U	10	0.99	ug/L		09/09/14 19:00	09/12/14 15:06	1
Fluoranthene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 15:06	1
Fluorene	0.90	U	10	0.90	ug/L		09/09/14 19:00	09/12/14 15:06	1
Hexachlorobenzene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 15:06	1
Hexachlorobutadiene	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/12/14 15:06	1
Hexachlorocyclopentadiene	2.1	U	10	2.1	ug/L		09/09/14 19:00	09/12/14 15:06	1

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

Lab Sample ID: LB 640-111499/1-C
Matrix: Solid
Analysis Batch: 111600

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 111505

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	4.5	U	10	4.5	ug/L		09/09/14 19:00	09/12/14 15:06	1
Indeno[1,2,3-cd]pyrene	2.4	U	10	2.4	ug/L		09/09/14 19:00	09/12/14 15:06	1
Isophorone	0.85	U	10	0.85	ug/L		09/09/14 19:00	09/12/14 15:06	1
2-Methylnaphthalene	1.5	U	10	1.5	ug/L		09/09/14 19:00	09/12/14 15:06	1
1-Methylnaphthalene	2.6	U	10	2.6	ug/L		09/09/14 19:00	09/12/14 15:06	1
Naphthalene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 15:06	1
Nitrobenzene	1.6	U	10	1.6	ug/L		09/09/14 19:00	09/12/14 15:06	1
2-Nitrophenol	0.96	U	10	0.96	ug/L		09/09/14 19:00	09/12/14 15:06	1
4-Nitrophenol	2.1	U	50	2.1	ug/L		09/09/14 19:00	09/12/14 15:06	1
N-Nitrosodimethylamine	2.4	U	10	2.4	ug/L		09/09/14 19:00	09/12/14 15:06	1
N-Nitrosodi-n-propylamine	0.93	U	10	0.93	ug/L		09/09/14 19:00	09/12/14 15:06	1
N-Nitrosodiphenylamine	0.62	U	10	0.62	ug/L		09/09/14 19:00	09/12/14 15:06	1
Pentachlorophenol	1.1	U	50	1.1	ug/L		09/09/14 19:00	09/12/14 15:06	1
Phenanthrene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/12/14 15:06	1
Phenol	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 15:06	1
Pyrene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/12/14 15:06	1
2,4,6-Trichlorophenol	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/12/14 15:06	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*51*		*48 - 124*	*09/09/14 19:00*	*09/12/14 15:06*	*1*
2-Fluorobiphenyl	*61*		*24 - 113*	*09/09/14 19:00*	*09/12/14 15:06*	*1*
2-Fluorophenol (Surr)	*49*		*12 - 105*	*09/09/14 19:00*	*09/12/14 15:06*	*1*
Terphenyl-d14 (Surr)	*88*		*36 - 127*	*09/09/14 19:00*	*09/12/14 15:06*	*1*
Phenol-d5 (Surr)	*54*		*17 - 111*	*09/09/14 19:00*	*09/12/14 15:06*	*1*
Nitrobenzene-d5 (Surr)	*52*		*26 - 107*	*09/09/14 19:00*	*09/12/14 15:06*	*1*

Lab Sample ID: LB 640-111499/1-C
Matrix: Solid
Analysis Batch: 111639

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 111505

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/15/14 16:44	1
Acenaphthylene	0.85	U	10	0.85	ug/L		09/09/14 19:00	09/15/14 16:44	1
Anthracene	0.86	U	10	0.86	ug/L		09/09/14 19:00	09/15/14 16:44	1
Benzo[a]anthracene	0.88	U	10	0.88	ug/L		09/09/14 19:00	09/15/14 16:44	1
Benzo[a]pyrene	0.89	U	10	0.89	ug/L		09/09/14 19:00	09/15/14 16:44	1
Benzo[b]fluoranthene	0.80	U	10	0.80	ug/L		09/09/14 19:00	09/15/14 16:44	1
Benzo[g,h,i]perylene	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/15/14 16:44	1
Benzo[k]fluoranthene	0.86	U	10	0.86	ug/L		09/09/14 19:00	09/15/14 16:44	1
Bis(2-chloroethoxy)methane	0.96	U	10	0.96	ug/L		09/09/14 19:00	09/15/14 16:44	1
Bis(2-chloroethyl)ether	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/15/14 16:44	1
bis (2-chloroisopropyl) ether	1.1	U	10	1.1	ug/L		09/09/14 19:00	09/15/14 16:44	1
Bis(2-ethylhexyl) phthalate	2.5	U	10	2.5	ug/L		09/09/14 19:00	09/15/14 16:44	1
4-Bromophenyl phenyl ether	0.97	U	10	0.97	ug/L		09/09/14 19:00	09/15/14 16:44	1
Butyl benzyl phthalate	0.98	U	10	0.98	ug/L		09/09/14 19:00	09/15/14 16:44	1
4-Chloroaniline	1.7	U	20	1.7	ug/L		09/09/14 19:00	09/15/14 16:44	1
4-Chloro-3-methylphenol	1.1	U	10	1.1	ug/L		09/09/14 19:00	09/15/14 16:44	1
2-Chloronaphthalene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/15/14 16:44	1

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

Lab Sample ID: LB 640-111499/1-C
Matrix: Solid
Analysis Batch: 111639

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 111505

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	1.6	U	10	1.6	ug/L		09/09/14 19:00	09/15/14 16:44	1
4-Chlorophenyl phenyl ether	1.5	U	10	1.5	ug/L		09/09/14 19:00	09/15/14 16:44	1
Chrysene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/15/14 16:44	1
Dibenz(a,h)anthracene	2.3	U	10	2.3	ug/L		09/09/14 19:00	09/15/14 16:44	1
Dibenzofuran	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/15/14 16:44	1
3,3'-Dichlorobenzidine	6.8	U	20	6.8	ug/L		09/09/14 19:00	09/15/14 16:44	1
2,4-Dichlorophenol	3.3	U	10	3.3	ug/L		09/09/14 19:00	09/15/14 16:44	1
Diethyl phthalate	0.90	U	10	0.90	ug/L		09/09/14 19:00	09/15/14 16:44	1
2,4-Dimethylphenol	3.8	U	10	3.8	ug/L		09/09/14 19:00	09/15/14 16:44	1
Dimethyl phthalate	1.3	U	10	1.3	ug/L		09/09/14 19:00	09/15/14 16:44	1
Di-n-butyl phthalate	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/15/14 16:44	1
4,6-Dinitro-2-methylphenol	1.0	U	50	1.0	ug/L		09/09/14 19:00	09/15/14 16:44	1
2,4-Dinitrophenol	3.1	U	50	3.1	ug/L		09/09/14 19:00	09/15/14 16:44	1
2,4-Dinitrotoluene	1.7	U	10	1.7	ug/L		09/09/14 19:00	09/15/14 16:44	1
2,6-Dinitrotoluene	2.1	U	10	2.1	ug/L		09/09/14 19:00	09/15/14 16:44	1
Di-n-octyl phthalate	2.0	U	10	2.0	ug/L		09/09/14 19:00	09/15/14 16:44	1
1,2-Diphenylhydrazine(as Azobenzene)	0.99	U	10	0.99	ug/L		09/09/14 19:00	09/15/14 16:44	1
Fluoranthene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/15/14 16:44	1
Fluorene	0.90	U	10	0.90	ug/L		09/09/14 19:00	09/15/14 16:44	1
Hexachlorobenzene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/15/14 16:44	1
Hexachlorobutadiene	1.9	U	10	1.9	ug/L		09/09/14 19:00	09/15/14 16:44	1
Hexachlorocyclopentadiene	2.1	U	10	2.1	ug/L		09/09/14 19:00	09/15/14 16:44	1
Hexachloroethane	4.5	U	10	4.5	ug/L		09/09/14 19:00	09/15/14 16:44	1
Indeno[1,2,3-cd]pyrene	2.4	U	10	2.4	ug/L		09/09/14 19:00	09/15/14 16:44	1
Isophorone	0.85	U	10	0.85	ug/L		09/09/14 19:00	09/15/14 16:44	1
2-Methylnaphthalene	1.5	U	10	1.5	ug/L		09/09/14 19:00	09/15/14 16:44	1
1-Methylnaphthalene	2.6	U	10	2.6	ug/L		09/09/14 19:00	09/15/14 16:44	1
Naphthalene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/15/14 16:44	1
Nitrobenzene	1.6	U	10	1.6	ug/L		09/09/14 19:00	09/15/14 16:44	1
2-Nitrophenol	0.96	U	10	0.96	ug/L		09/09/14 19:00	09/15/14 16:44	1
4-Nitrophenol	2.1	U	50	2.1	ug/L		09/09/14 19:00	09/15/14 16:44	1
N-Nitrosodimethylamine	2.4	U	10	2.4	ug/L		09/09/14 19:00	09/15/14 16:44	1
N-Nitrosodi-n-propylamine	0.93	U	10	0.93	ug/L		09/09/14 19:00	09/15/14 16:44	1
N-Nitrosodiphenylamine	0.62	U	10	0.62	ug/L		09/09/14 19:00	09/15/14 16:44	1
Pentachlorophenol	1.1	U	50	1.1	ug/L		09/09/14 19:00	09/15/14 16:44	1
Phenanthrene	1.4	U	10	1.4	ug/L		09/09/14 19:00	09/15/14 16:44	1
Phenol	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/15/14 16:44	1
Pyrene	1.0	U	10	1.0	ug/L		09/09/14 19:00	09/15/14 16:44	1
2,4,6-Trichlorophenol	1.2	U	10	1.2	ug/L		09/09/14 19:00	09/15/14 16:44	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*48 - 124*	*09/09/14 19:00*	*09/15/14 16:44*	*1*
2-Fluorobiphenyl	*57*		*24 - 113*	*09/09/14 19:00*	*09/15/14 16:44*	*1*
2-Fluorophenol (Surr)	*50*		*12 - 105*	*09/09/14 19:00*	*09/15/14 16:44*	*1*
Terphenyl-d14 (Surr)	*84*		*36 - 127*	*09/09/14 19:00*	*09/15/14 16:44*	*1*
Phenol-d5 (Surr)	*57*		*17 - 111*	*09/09/14 19:00*	*09/15/14 16:44*	*1*
Nitrobenzene-d5 (Surr)	*56*		*26 - 107*	*09/09/14 19:00*	*09/15/14 16:44*	*1*

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

Lab Sample ID: LB 640-111501/1-C
Matrix: Solid
Analysis Batch: 111593

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 111513

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.2	U	10	1.2	ug/L		09/10/14 15:00	09/12/14 21:15	1
Acenaphthylene	0.85	U	10	0.85	ug/L		09/10/14 15:00	09/12/14 21:15	1
Anthracene	0.86	U	10	0.86	ug/L		09/10/14 15:00	09/12/14 21:15	1
Benzo[a]anthracene	0.88	U	10	0.88	ug/L		09/10/14 15:00	09/12/14 21:15	1
Benzo[a]pyrene	0.89	U	10	0.89	ug/L		09/10/14 15:00	09/12/14 21:15	1
Benzo[b]fluoranthene	0.80	U	10	0.80	ug/L		09/10/14 15:00	09/12/14 21:15	1
Benzo[g,h,i]perylene	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/12/14 21:15	1
Benzo[k]fluoranthene	0.86	U	10	0.86	ug/L		09/10/14 15:00	09/12/14 21:15	1
Bis(2-chloroethoxy)methane	0.96	U	10	0.96	ug/L		09/10/14 15:00	09/12/14 21:15	1
Bis(2-chloroethyl)ether	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/12/14 21:15	1
bis (2-chloroisopropyl) ether	1.1	U	10	1.1	ug/L		09/10/14 15:00	09/12/14 21:15	1
Bis(2-ethylhexyl) phthalate	5.14	I V	10	2.5	ug/L		09/10/14 15:00	09/12/14 21:15	1
4-Bromophenyl phenyl ether	0.97	U	10	0.97	ug/L		09/10/14 15:00	09/12/14 21:15	1
Butyl benzyl phthalate	0.98	U	10	0.98	ug/L		09/10/14 15:00	09/12/14 21:15	1
4-Chloroaniline	1.7	U	20	1.7	ug/L		09/10/14 15:00	09/12/14 21:15	1
4-Chloro-3-methylphenol	1.1	U	10	1.1	ug/L		09/10/14 15:00	09/12/14 21:15	1
2-Chloronaphthalene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/12/14 21:15	1
2-Chlorophenol	1.6	U	10	1.6	ug/L		09/10/14 15:00	09/12/14 21:15	1
4-Chlorophenyl phenyl ether	1.5	U	10	1.5	ug/L		09/10/14 15:00	09/12/14 21:15	1
Chrysene	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/12/14 21:15	1
Dibenz(a,h)anthracene	2.3	U	10	2.3	ug/L		09/10/14 15:00	09/12/14 21:15	1
Dibenzofuran	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/12/14 21:15	1
3,3'-Dichlorobenzidine	6.8	U	20	6.8	ug/L		09/10/14 15:00	09/12/14 21:15	1
2,4-Dichlorophenol	3.3	U	10	3.3	ug/L		09/10/14 15:00	09/12/14 21:15	1
Diethyl phthalate	0.90	U	10	0.90	ug/L		09/10/14 15:00	09/12/14 21:15	1
2,4-Dimethylphenol	3.8	U	10	3.8	ug/L		09/10/14 15:00	09/12/14 21:15	1
Dimethyl phthalate	1.3	U	10	1.3	ug/L		09/10/14 15:00	09/12/14 21:15	1
Di-n-butyl phthalate	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/12/14 21:15	1
4,6-Dinitro-2-methylphenol	1.0	U	50	1.0	ug/L		09/10/14 15:00	09/12/14 21:15	1
2,4-Dinitrophenol	3.1	U	50	3.1	ug/L		09/10/14 15:00	09/12/14 21:15	1
2,4-Dinitrotoluene	1.7	U	10	1.7	ug/L		09/10/14 15:00	09/12/14 21:15	1
2,6-Dinitrotoluene	2.1	U	10	2.1	ug/L		09/10/14 15:00	09/12/14 21:15	1
Di-n-octyl phthalate	2.0	U	10	2.0	ug/L		09/10/14 15:00	09/12/14 21:15	1
1,2-Diphenylhydrazine(as Azobenzene)	0.99	U	10	0.99	ug/L		09/10/14 15:00	09/12/14 21:15	1
Fluoranthene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/12/14 21:15	1
Fluorene	0.90	U	10	0.90	ug/L		09/10/14 15:00	09/12/14 21:15	1
Hexachlorobenzene	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/12/14 21:15	1
Hexachlorobutadiene	1.9	U	10	1.9	ug/L		09/10/14 15:00	09/12/14 21:15	1
Hexachlorocyclopentadiene	2.1	U	10	2.1	ug/L		09/10/14 15:00	09/12/14 21:15	1
Hexachloroethane	4.5	U	10	4.5	ug/L		09/10/14 15:00	09/12/14 21:15	1
Indeno[1,2,3-cd]pyrene	2.4	U	10	2.4	ug/L		09/10/14 15:00	09/12/14 21:15	1
Isophorone	0.85	U	10	0.85	ug/L		09/10/14 15:00	09/12/14 21:15	1
2-Methylnaphthalene	1.5	U	10	1.5	ug/L		09/10/14 15:00	09/12/14 21:15	1
1-Methylnaphthalene	2.6	U	10	2.6	ug/L		09/10/14 15:00	09/12/14 21:15	1
Naphthalene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/12/14 21:15	1
Nitrobenzene	1.6	U	10	1.6	ug/L		09/10/14 15:00	09/12/14 21:15	1
2-Nitrophenol	0.96	U	10	0.96	ug/L		09/10/14 15:00	09/12/14 21:15	1

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

Lab Sample ID: LB 640-111501/1-C
Matrix: Solid
Analysis Batch: 111593

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 111513

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	2.1	U	50	2.1	ug/L		09/10/14 15:00	09/12/14 21:15	1
N-Nitrosodimethylamine	2.4	U	10	2.4	ug/L		09/10/14 15:00	09/12/14 21:15	1
N-Nitrosodi-n-propylamine	0.93	U	10	0.93	ug/L		09/10/14 15:00	09/12/14 21:15	1
N-Nitrosodiphenylamine	0.62	U	10	0.62	ug/L		09/10/14 15:00	09/12/14 21:15	1
Pentachlorophenol	1.1	U	50	1.1	ug/L		09/10/14 15:00	09/12/14 21:15	1
Phenanthrene	1.4	U	10	1.4	ug/L		09/10/14 15:00	09/12/14 21:15	1
Phenol	1.2	U	10	1.2	ug/L		09/10/14 15:00	09/12/14 21:15	1
Pyrene	1.0	U	10	1.0	ug/L		09/10/14 15:00	09/12/14 21:15	1
2,4,6-Trichlorophenol	1.2	U	10	1.2	ug/L		09/10/14 15:00	09/12/14 21:15	1

Surrogate	*%Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*98*		*48 - 124*	*09/10/14 15:00*	*09/12/14 21:15*	*1*
2-Fluorobiphenyl	*88*		*24 - 113*	*09/10/14 15:00*	*09/12/14 21:15*	*1*
2-Fluorophenol (Surr)	*92*		*12 - 105*	*09/10/14 15:00*	*09/12/14 21:15*	*1*
Terphenyl-d14 (Surr)	*92*		*36 - 127*	*09/10/14 15:00*	*09/12/14 21:15*	*1*
Phenol-d5 (Surr)	*91*		*17 - 111*	*09/10/14 15:00*	*09/12/14 21:15*	*1*
Nitrobenzene-d5 (Surr)	*96*		*26 - 107*	*09/10/14 15:00*	*09/12/14 21:15*	*1*

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

Lab Sample ID: MB 640-111502/1-A
Matrix: Solid
Analysis Batch: 111489

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111502

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	U	0.10	0.013	ug/L		09/09/14 13:16	09/09/14 16:19	1
4,4'-DDE	0.013	U	0.10	0.013	ug/L		09/09/14 13:16	09/09/14 16:19	1
4,4'-DDT	0.013	U	0.10	0.013	ug/L		09/09/14 13:16	09/09/14 16:19	1
Aldrin	0.0020	U	0.050	0.0020	ug/L		09/09/14 13:16	09/09/14 16:19	1
alpha-BHC	0.0060	U	0.050	0.0060	ug/L		09/09/14 13:16	09/09/14 16:19	1
beta-BHC	0.013	U	0.050	0.013	ug/L		09/09/14 13:16	09/09/14 16:19	1
delta-BHC	0.013	U	0.050	0.013	ug/L		09/09/14 13:16	09/09/14 16:19	1
Dieldrin	0.0020	U	0.10	0.0020	ug/L		09/09/14 13:16	09/09/14 16:19	1
Endosulfan I	0.013	U	0.050	0.013	ug/L		09/09/14 13:16	09/09/14 16:19	1
Endosulfan II	0.013	U	0.10	0.013	ug/L		09/09/14 13:16	09/09/14 16:19	1
Endosulfan sulfate	0.013	U	0.10	0.013	ug/L		09/09/14 13:16	09/09/14 16:19	1
Endrin	0.013	U	0.10	0.013	ug/L		09/09/14 13:16	09/09/14 16:19	1
Endrin aldehyde	0.013	U	0.10	0.013	ug/L		09/09/14 13:16	09/09/14 16:19	1
Endrin ketone	0.013	U	0.10	0.013	ug/L		09/09/14 13:16	09/09/14 16:19	1
gamma-BHC (Lindane)	0.013	U	0.050	0.013	ug/L		09/09/14 13:16	09/09/14 16:19	1
Heptachlor	0.013	U	0.050	0.013	ug/L		09/09/14 13:16	09/09/14 16:19	1
Heptachlor epoxide	0.013	U	0.050	0.013	ug/L		09/09/14 13:16	09/09/14 16:19	1
Methoxychlor	0.013	U	0.50	0.013	ug/L		09/09/14 13:16	09/09/14 16:19	1
Chlordane (technical)	0.34	U	1.0	0.34	ug/L		09/09/14 13:16	09/09/14 16:19	1
Toxaphene	0.68	U	5.0	0.68	ug/L		09/09/14 13:16	09/09/14 16:19	1

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

Lab Sample ID: MB 640-111502/1-A
Matrix: Solid
Analysis Batch: 111489

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111502

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	103		20 - 142	09/09/14 13:16	09/09/14 16:19	1
Tetrachloro-m-xylene	92		22 - 134	09/09/14 13:16	09/09/14 16:19	1

Lab Sample ID: LCS 640-111502/2-A
Matrix: Solid
Analysis Batch: 111489

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 111502

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
4,4'-DDD			0.270	0.197		ug/L		73	50 - 130		
4,4'-DDE			0.270	0.261		ug/L		97	50 - 130		
4,4'-DDT			0.270	0.210		ug/L		78	36 - 140		
Aldrin			0.270	0.275		ug/L		102	25 - 135		
alpha-BHC			0.270	0.267		ug/L		99	47 - 130		
beta-BHC			0.270	0.273		ug/L		101	50 - 142		
delta-BHC			0.270	0.228		ug/L		84	54 - 124		
Dieldrin			0.270	0.290		ug/L		107	30 - 146		
Endosulfan I			0.270	0.249		ug/L		92	44 - 130		
Endosulfan II			0.270	0.270		ug/L		100	47 - 130		
Endosulfan sulfate			0.270	0.137		ug/L		51	50 - 139		
Endrin			0.270	0.269		ug/L		100	38 - 140		
Endrin aldehyde			0.270	0.301		ug/L		112	49 - 143		
Endrin ketone			0.270	0.305		ug/L		113	39 - 144		
gamma-BHC (Lindane)			0.270	0.288		ug/L		107	36 - 135		
Heptachlor			0.270	0.285		ug/L		105	26 - 131		
Heptachlor epoxide			0.270	0.298		ug/L		110	50 - 130		
Methoxychlor			0.270	0.219	I	ug/L		81	48 - 144		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	106		20 - 142
Tetrachloro-m-xylene	99		22 - 134

Lab Sample ID: LCSD 640-111502/3-A
Matrix: Solid
Analysis Batch: 111489

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 111502

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD			0.270	0.198		ug/L		73	50 - 130	1	30
4,4'-DDE			0.270	0.267		ug/L		99	50 - 130	2	30
4,4'-DDT			0.270	0.219		ug/L		81	36 - 140	4	24
Aldrin			0.270	0.288		ug/L		107	25 - 135	5	30
alpha-BHC			0.270	0.271		ug/L		100	47 - 130	1	30
beta-BHC			0.270	0.279		ug/L		103	50 - 142	2	30
delta-BHC			0.270	0.230		ug/L		85	54 - 124	1	30
Dieldrin			0.270	0.296		ug/L		109	30 - 146	2	30
Endosulfan I			0.270	0.253		ug/L		94	44 - 130	2	30
Endosulfan II			0.270	0.274		ug/L		101	47 - 130	1	30

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

Lab Sample ID: LCSD 640-111502/3-A
Matrix: Solid
Analysis Batch: 111489

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 111502

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Endosulfan sulfate			0.270	0.139		ug/L		52	50 - 139	1	30
Endrin			0.270	0.274		ug/L		101	38 - 140	2	32
Endrin aldehyde			0.270	0.311		ug/L		115	49 - 143	3	30
Endrin ketone			0.270	0.310		ug/L		115	39 - 144	2	30
gamma-BHC (Lindane)			0.270	0.294		ug/L		109	36 - 135	2	34
Heptachlor			0.270	0.297		ug/L		110	26 - 131	4	30
Heptachlor epoxide			0.270	0.304		ug/L		112	50 - 130	2	30
Methoxychlor			0.270	0.222	I	ug/L		82	48 - 144	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*110*		*20 - 142*
Tetrachloro-m-xylene	*98*		*22 - 134*

Lab Sample ID: MB 680-347023/19-A
Matrix: Solid
Analysis Batch: 347628

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347023

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.00018	U	0.0017	0.00018	mg/Kg		09/03/14 09:38	09/05/14 20:17	1
4,4'-DDE	0.00018	U	0.0017	0.00018	mg/Kg		09/03/14 09:38	09/05/14 20:17	1
4,4'-DDT	0.00022	U	0.0017	0.00022	mg/Kg		09/03/14 09:38	09/05/14 20:17	1
Aldrin	0.00015	U	0.0017	0.00015	mg/Kg		09/03/14 09:38	09/05/14 20:17	1
alpha-BHC	0.00014	U	0.0017	0.00014	mg/Kg		09/03/14 09:38	09/05/14 20:17	1
beta-BHC	0.00033	U	0.0017	0.00033	mg/Kg		09/03/14 09:38	09/05/14 20:17	1
Chlordane (technical)	0.0029	U	0.017	0.0029	mg/Kg		09/03/14 09:38	09/05/14 20:17	1
delta-BHC	0.00019	U	0.0017	0.00019	mg/Kg		09/03/14 09:38	09/05/14 20:17	1
Dieldrin	0.00017	U	0.0017	0.00017	mg/Kg		09/03/14 09:38	09/05/14 20:17	1
Endosulfan I	0.00017	U	0.0017	0.00017	mg/Kg		09/03/14 09:38	09/05/14 20:17	1
Endosulfan II	0.00015	U	0.0017	0.00015	mg/Kg		09/03/14 09:38	09/05/14 20:17	1
Endosulfan sulfate	0.00021	U	0.0017	0.00021	mg/Kg		09/03/14 09:38	09/05/14 20:17	1
Endrin	0.00022	U	0.0017	0.00022	mg/Kg		09/03/14 09:38	09/05/14 20:17	1
Endrin aldehyde	0.00022	U	0.0017	0.00022	mg/Kg		09/03/14 09:38	09/05/14 20:17	1
Endrin ketone	0.00020	U	0.0017	0.00020	mg/Kg		09/03/14 09:38	09/05/14 20:17	1
gamma-BHC (Lindane)	0.00014	U	0.0017	0.00014	mg/Kg		09/03/14 09:38	09/05/14 20:17	1
Heptachlor	0.00019	U	0.0017	0.00019	mg/Kg		09/03/14 09:38	09/05/14 20:17	1
Heptachlor epoxide	0.00016	U	0.0017	0.00016	mg/Kg		09/03/14 09:38	09/05/14 20:17	1
Methoxychlor	0.00028	U	0.0017	0.00028	mg/Kg		09/03/14 09:38	09/05/14 20:17	1
Toxaphene	0.0055	U	0.17	0.0055	mg/Kg		09/03/14 09:38	09/05/14 20:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*103*		*54 - 133*	*09/03/14 09:38*	*09/05/14 20:17*	*1*
Tetrachloro-m-xylene	*91*		*46 - 130*	*09/03/14 09:38*	*09/05/14 20:17*	*1*

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

Lab Sample ID: LCS 680-347023/20-A
Matrix: Solid
Analysis Batch: 347628

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347023

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.00667	0.00621		mg/Kg		93	46 - 135
4,4'-DDE	0.00667	0.00648		mg/Kg		97	45 - 130
4,4'-DDT	0.00667	0.00641		mg/Kg		96	45 - 144
Aldrin	0.00667	0.00642		mg/Kg		96	44 - 130
alpha-BHC	0.00667	0.00593		mg/Kg		89	42 - 130
beta-BHC	0.00667	0.00587		mg/Kg		88	48 - 131
delta-BHC	0.00667	0.00605		mg/Kg		91	49 - 130
Dieldrin	0.00667	0.00649		mg/Kg		97	47 - 130
Endosulfan I	0.00667	0.00628		mg/Kg		94	40 - 130
Endosulfan II	0.00667	0.00616		mg/Kg		92	45 - 130
Endosulfan sulfate	0.00667	0.00649		mg/Kg		97	50 - 142
Endrin	0.00667	0.00650		mg/Kg		97	46 - 155
Endrin aldehyde	0.00667	0.00600		mg/Kg		90	41 - 135
Endrin ketone	0.00667	0.00667		mg/Kg		100	43 - 153
gamma-BHC (Lindane)	0.00667	0.00595		mg/Kg		89	45 - 130
Heptachlor	0.00667	0.00637		mg/Kg		95	46 - 130
Heptachlor epoxide	0.00667	0.00637		mg/Kg		95	48 - 130
Methoxychlor	0.00667	0.00746		mg/Kg		112	43 - 166

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*97*		*54 - 133*
Tetrachloro-m-xylene	*86*		*46 - 130*

Lab Sample ID: 660-62560-17 MS
Matrix: Solid
Analysis Batch: 347628

Client Sample ID: Area 6 Coarse Comp
Prep Type: Total/NA
Prep Batch: 347023

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDT	0.016	U	0.0472	0.0396	I	mg/Kg	☼	84	45 - 144
Endrin ketone	0.014	U	0.0472	0.014	J3 U	mg/Kg	☼	0	43 - 153
Heptachlor	0.013	U	0.0472	0.0381	I	mg/Kg	☼	81	46 - 130
Methoxychlor	0.020	U	0.0472	0.020	J3 U	mg/Kg	☼	0	43 - 166

Lab Sample ID: 660-62560-17 MS
Matrix: Solid
Analysis Batch: 347663

Client Sample ID: Area 6 Coarse Comp
Prep Type: Total/NA
Prep Batch: 347023

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.0013	U	0.0472	0.0499		mg/Kg	☼	106	46 - 135
4,4'-DDE	0.0017	I	0.0472	0.0387		mg/Kg	☼	78	45 - 130
Aldrin	0.0011	U	0.0472	0.0389		mg/Kg	☼	82	44 - 130
alpha-BHC	0.00099	U	0.0472	0.0385		mg/Kg	☼	81	42 - 130
beta-BHC	0.0023	U	0.0472	0.0354		mg/Kg	☼	75	48 - 131
delta-BHC	0.0013	U	0.0472	0.0399		mg/Kg	☼	85	49 - 130
Dieldrin	0.0012	U	0.0472	0.0474		mg/Kg	☼	100	47 - 130
Endosulfan I	0.0012	U	0.0472	0.0460		mg/Kg	☼	97	40 - 130
Endosulfan II	0.0011	U	0.0472	0.0516		mg/Kg	☼	109	45 - 130

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

Lab Sample ID: 660-62560-17 MS
Matrix: Solid
Analysis Batch: 347663

Client Sample ID: Area 6 Coarse Comp
Prep Type: Total/NA
Prep Batch: 347023

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Endosulfan sulfate	0.0015	U	0.0472	0.0415		mg/Kg	☼	88	50 - 142
Endrin	0.0016	U	0.0472	0.0391		mg/Kg	☼	83	46 - 155
Endrin aldehyde	0.0016	U	0.0472	0.0330		mg/Kg	☼	70	41 - 135
gamma-BHC (Lindane)	0.00099	U	0.0472	0.0340		mg/Kg	☼	72	45 - 130
Heptachlor epoxide	0.0011	U	0.0472	0.0423		mg/Kg	☼	90	48 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*77*		*54 - 133*
Tetrachloro-m-xylene	*78*		*46 - 130*

Lab Sample ID: 660-62560-17 MSD
Matrix: Solid
Analysis Batch: 347628

Client Sample ID: Area 6 Coarse Comp
Prep Type: Total/NA
Prep Batch: 347023

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDT	0.016	U	0.0473	0.0404	I	mg/Kg	☼	86	45 - 144	2	50
Endrin ketone	0.014	U	0.0473	0.014	J3 U	mg/Kg	☼	0	43 - 153	NC	50
Heptachlor	0.013	U	0.0473	0.0323	I	mg/Kg	☼	68	46 - 130	17	50
Methoxychlor	0.020	U	0.0473	0.020	J3 U	mg/Kg	☼	0	43 - 166	NC	50

Lab Sample ID: 660-62560-17 MSD
Matrix: Solid
Analysis Batch: 347663

Client Sample ID: Area 6 Coarse Comp
Prep Type: Total/NA
Prep Batch: 347023

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	0.0013	U	0.0473	0.0434		mg/Kg	☼	92	46 - 135	14	50
4,4'-DDE	0.0017	I	0.0473	0.0401		mg/Kg	☼	81	45 - 130	3	50
Aldrin	0.0011	U	0.0473	0.0327		mg/Kg	☼	69	44 - 130	17	50
alpha-BHC	0.00099	U	0.0473	0.0313		mg/Kg	☼	66	42 - 130	20	50
beta-BHC	0.0023	U	0.0473	0.0327		mg/Kg	☼	69	48 - 131	8	50
delta-BHC	0.0013	U	0.0473	0.0342		mg/Kg	☼	72	49 - 130	15	50
Dieldrin	0.0012	U	0.0473	0.0403		mg/Kg	☼	85	47 - 130	16	50
Endosulfan I	0.0012	U	0.0473	0.0353		mg/Kg	☼	75	40 - 130	26	50
Endosulfan II	0.0011	U	0.0473	0.0446		mg/Kg	☼	94	45 - 130	15	50
Endosulfan sulfate	0.0015	U	0.0473	0.0375		mg/Kg	☼	79	50 - 142	10	50
Endrin	0.0016	U	0.0473	0.0321		mg/Kg	☼	68	46 - 155	20	50
Endrin aldehyde	0.0016	U	0.0473	0.0283		mg/Kg	☼	60	41 - 135	15	50
gamma-BHC (Lindane)	0.00099	U	0.0473	0.0279		mg/Kg	☼	59	45 - 130	20	50
Heptachlor epoxide	0.0011	U	0.0473	0.0360		mg/Kg	☼	76	48 - 130	16	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*64*		*54 - 133*
Tetrachloro-m-xylene	*63*		*46 - 130*

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

Lab Sample ID: LB 640-111499/1-B
Matrix: Solid
Analysis Batch: 111489

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 111502

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.012	U	0.095	0.012	ug/L		09/09/14 13:16	09/09/14 17:31	1
4,4'-DDE	0.012	U	0.095	0.012	ug/L		09/09/14 13:16	09/09/14 17:31	1
4,4'-DDT	0.012	U	0.095	0.012	ug/L		09/09/14 13:16	09/09/14 17:31	1
Aldrin	0.0019	U	0.048	0.0019	ug/L		09/09/14 13:16	09/09/14 17:31	1
alpha-BHC	0.0057	U	0.048	0.0057	ug/L		09/09/14 13:16	09/09/14 17:31	1
beta-BHC	0.012	U	0.048	0.012	ug/L		09/09/14 13:16	09/09/14 17:31	1
delta-BHC	0.012	U	0.048	0.012	ug/L		09/09/14 13:16	09/09/14 17:31	1
Dieldrin	0.0019	U	0.095	0.0019	ug/L		09/09/14 13:16	09/09/14 17:31	1
Endosulfan I	0.012	U	0.048	0.012	ug/L		09/09/14 13:16	09/09/14 17:31	1
Endosulfan II	0.012	U	0.095	0.012	ug/L		09/09/14 13:16	09/09/14 17:31	1
Endosulfan sulfate	0.012	U	0.095	0.012	ug/L		09/09/14 13:16	09/09/14 17:31	1
Endrin	0.012	U	0.095	0.012	ug/L		09/09/14 13:16	09/09/14 17:31	1
Endrin aldehyde	0.012	U	0.095	0.012	ug/L		09/09/14 13:16	09/09/14 17:31	1
Endrin ketone	0.012	U	0.095	0.012	ug/L		09/09/14 13:16	09/09/14 17:31	1
gamma-BHC (Lindane)	0.012	U	0.048	0.012	ug/L		09/09/14 13:16	09/09/14 17:31	1
Heptachlor	0.012	U	0.048	0.012	ug/L		09/09/14 13:16	09/09/14 17:31	1
Heptachlor epoxide	0.012	U	0.048	0.012	ug/L		09/09/14 13:16	09/09/14 17:31	1
Methoxychlor	0.012	U	0.48	0.012	ug/L		09/09/14 13:16	09/09/14 17:31	1
Chlordane (technical)	0.32	U	0.95	0.32	ug/L		09/09/14 13:16	09/09/14 17:31	1
Toxaphene	0.65	U	4.8	0.65	ug/L		09/09/14 13:16	09/09/14 17:31	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*100*		*20 - 142*	*09/09/14 13:16*	*09/09/14 17:31*	*1*
Tetrachloro-m-xylene	*92*		*22 - 134*	*09/09/14 13:16*	*09/09/14 17:31*	*1*

Lab Sample ID: LB 640-111501/1-B
Matrix: Solid
Analysis Batch: 111533

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 111502

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	U	0.097	0.013	ug/L		09/09/14 14:42	09/10/14 13:47	1
4,4'-DDE	0.013	U	0.097	0.013	ug/L		09/09/14 14:42	09/10/14 13:47	1
4,4'-DDT	0.013	U	0.097	0.013	ug/L		09/09/14 14:42	09/10/14 13:47	1
Aldrin	0.0019	U	0.048	0.0019	ug/L		09/09/14 14:42	09/10/14 13:47	1
alpha-BHC	0.0058	U	0.048	0.0058	ug/L		09/09/14 14:42	09/10/14 13:47	1
beta-BHC	0.013	U	0.048	0.013	ug/L		09/09/14 14:42	09/10/14 13:47	1
delta-BHC	0.013	U	0.048	0.013	ug/L		09/09/14 14:42	09/10/14 13:47	1
Dieldrin	0.0019	U	0.097	0.0019	ug/L		09/09/14 14:42	09/10/14 13:47	1
Endosulfan I	0.013	U	0.048	0.013	ug/L		09/09/14 14:42	09/10/14 13:47	1
Endosulfan II	0.013	U	0.097	0.013	ug/L		09/09/14 14:42	09/10/14 13:47	1
Endosulfan sulfate	0.013	U	0.097	0.013	ug/L		09/09/14 14:42	09/10/14 13:47	1
Endrin	0.013	U	0.097	0.013	ug/L		09/09/14 14:42	09/10/14 13:47	1
Endrin aldehyde	0.013	U	0.097	0.013	ug/L		09/09/14 14:42	09/10/14 13:47	1
Endrin ketone	0.013	U	0.097	0.013	ug/L		09/09/14 14:42	09/10/14 13:47	1
gamma-BHC (Lindane)	0.013	U	0.048	0.013	ug/L		09/09/14 14:42	09/10/14 13:47	1
Heptachlor	0.013	U	0.048	0.013	ug/L		09/09/14 14:42	09/10/14 13:47	1

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

Lab Sample ID: LB 640-111501/1-B
Matrix: Solid
Analysis Batch: 111533

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 111502

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	0.013	U	0.048	0.013	ug/L		09/09/14 14:42	09/10/14 13:47	1
Methoxychlor	0.013	U	0.48	0.013	ug/L		09/09/14 14:42	09/10/14 13:47	1
Chlordane (technical)	0.33	U	0.97	0.33	ug/L		09/09/14 14:42	09/10/14 13:47	1
Toxaphene	0.66	U	4.8	0.66	ug/L		09/09/14 14:42	09/10/14 13:47	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*40*		*20 - 142*	*09/09/14 14:42*	*09/10/14 13:47*	*1*
Tetrachloro-m-xylene	*106*		*22 - 134*	*09/09/14 14:42*	*09/10/14 13:47*	*1*

Lab Sample ID: 660-62560-1 MS
Matrix: Solid
Analysis Batch: 111489

Client Sample ID: Comp 1-1F
Prep Type: SPLP East
Prep Batch: 111502

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.013	U	0.270	0.250		ug/L		93	50 - 130
4,4'-DDE	0.013	U	0.270	0.203		ug/L		75	50 - 130
4,4'-DDT	0.013	U	0.270	0.238		ug/L		88	36 - 140
Aldrin	0.0020	U	0.270	0.289		ug/L		107	25 - 135
alpha-BHC	0.0060	U	0.270	0.289		ug/L		107	47 - 130
beta-BHC	0.013	U	0.270	0.308		ug/L		114	50 - 142
delta-BHC	0.013	U	0.270	0.259		ug/L		96	54 - 124
Dieldrin	0.0020	U	0.270	0.316		ug/L		117	30 - 146
Endosulfan I	0.013	U	0.270	0.283		ug/L		105	44 - 130
Endosulfan II	0.013	U	0.270	0.304		ug/L		112	47 - 130
Endosulfan sulfate	0.013	U	0.270	0.223		ug/L		83	50 - 139
Endrin	0.013	U	0.270	0.307		ug/L		114	38 - 140
Endrin aldehyde	0.013	U	0.270	0.338		ug/L		125	49 - 143
Endrin ketone	0.013	U	0.270	0.334		ug/L		124	39 - 144
gamma-BHC (Lindane)	0.013	U	0.270	0.280		ug/L		104	36 - 135
Heptachlor	0.013	U	0.270	0.293		ug/L		109	26 - 131
Heptachlor epoxide	0.013	U	0.270	0.323		ug/L		120	50 - 130
Methoxychlor	0.013	U	0.270	0.269	I	ug/L		100	48 - 144

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*55*		*20 - 142*
Tetrachloro-m-xylene	*101*		*22 - 134*

Lab Sample ID: 660-62560-1 MSD
Matrix: Solid
Analysis Batch: 111489

Client Sample ID: Comp 1-1F
Prep Type: SPLP East
Prep Batch: 111502

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	0.013	U	0.270	0.232		ug/L		86	50 - 130	8	30
4,4'-DDE	0.013	U	0.270	0.174		ug/L		64	50 - 130	15	30
4,4'-DDT	0.013	U	0.270	0.220		ug/L		81	36 - 140	8	24
Aldrin	0.0020	U	0.270	0.274		ug/L		102	25 - 135	5	30

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

Lab Sample ID: 660-62560-1 MSD
Matrix: Solid
Analysis Batch: 111489

Client Sample ID: Comp 1-1F
Prep Type: SPLP East
Prep Batch: 111502

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
alpha-BHC	0.0060	U	0.270	0.268		ug/L		99	47 - 130	7	30
beta-BHC	0.013	U	0.270	0.285		ug/L		105	50 - 142	11	30
delta-BHC	0.013	U	0.270	0.240		ug/L		89	54 - 124	8	30
Dieldrin	0.0020	U	0.270	0.291		ug/L		108	30 - 146	8	30
Endosulfan I	0.013	U	0.270	0.234		ug/L		86	44 - 130	19	30
Endosulfan II	0.013	U	0.270	0.281		ug/L		104	47 - 130	8	30
Endosulfan sulfate	0.013	U	0.270	0.202		ug/L		75	50 - 139	10	30
Endrin	0.013	U	0.270	0.283		ug/L		105	38 - 140	8	32
Endrin aldehyde	0.013	U	0.270	0.312		ug/L		115	49 - 143	8	30
Endrin ketone	0.013	U	0.270	0.312		ug/L		115	39 - 144	7	30
gamma-BHC (Lindane)	0.013	U	0.270	0.262		ug/L		97	36 - 135	7	34
Heptachlor	0.013	U	0.270	0.279		ug/L		103	26 - 131	5	30
Heptachlor epoxide	0.013	U	0.270	0.299		ug/L		111	50 - 130	8	30
Methoxychlor	0.013	U	0.270	0.252	I	ug/L		93	48 - 144	7	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*55*		*20 - 142*
Tetrachloro-m-xylene	*94*		*22 - 134*

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 680-348131/1-A
Matrix: Solid
Analysis Batch: 348244

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.1	U	10	6.1	mg/Kg			09/10/14 11:24	1
Sulfate	6.1	U	10	6.1	mg/Kg			09/10/14 11:24	1

Lab Sample ID: LCS 680-348131/2-A
Matrix: Solid
Analysis Batch: 348244

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	202	199		mg/Kg		99	75 - 125
Sulfate	202	186		mg/Kg		92	75 - 125

Lab Sample ID: LCSD 680-348131/3-A
Matrix: Solid
Analysis Batch: 348244

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	202	200		mg/Kg		99	75 - 125	0	30
Sulfate	202	186		mg/Kg		92	75 - 125	0	30

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: 660-62560-8 MS
Matrix: Solid
Analysis Batch: 348244

Client Sample ID: Comp 6-2F
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1900		1660	3550		mg/Kg	☼	97	75 - 125
Sulfate	250	U	1660	2050		mg/Kg	☼	123	75 - 125

Lab Sample ID: 660-62560-8 MSD
Matrix: Solid
Analysis Batch: 348244

Client Sample ID: Comp 6-2F
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1900		1660	3550		mg/Kg	☼	97	75 - 125	0	30
Sulfate	250	U	1660	1770		mg/Kg	☼	107	75 - 125	15	30

Lab Sample ID: 660-62560-16 MS
Matrix: Solid
Analysis Batch: 348244

Client Sample ID: Area 5 Coarse Comp
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	40	U	264	263		mg/Kg	☼	100	75 - 125
Sulfate	40	U	264	260		mg/Kg	☼	99	75 - 125

Lab Sample ID: 660-62560-16 MSD
Matrix: Solid
Analysis Batch: 348244

Client Sample ID: Area 5 Coarse Comp
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	40	U	264	265		mg/Kg	☼	100	75 - 125	1	30
Sulfate	40	U	264	275		mg/Kg	☼	104	75 - 125	6	30

Lab Sample ID: MB 680-348135/1-A
Matrix: Solid
Analysis Batch: 348268

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.9	U	9.8	5.9	mg/Kg			09/10/14 17:53	1
Sulfate	5.9	U	9.8	5.9	mg/Kg			09/10/14 17:53	1

Lab Sample ID: LCS 680-348135/2-A
Matrix: Solid
Analysis Batch: 348268

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	200	198		mg/Kg		99	75 - 125
Sulfate	200	185		mg/Kg		93	75 - 125

Lab Sample ID: LCSD 680-348135/3-A
Matrix: Solid
Analysis Batch: 348268

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	198	196		mg/Kg		99	75 - 125	1	30

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 680-348135/3-A
Matrix: Solid
Analysis Batch: 348268

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate			198	183		mg/Kg		93	75 - 125	1	30

Lab Sample ID: 680-105023-D-3-C MS
Matrix: Solid
Analysis Batch: 348268

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	12	U	207	205		mg/Kg	☼	99	75 - 125
Sulfate	26		207	222		mg/Kg	☼	95	75 - 125

Lab Sample ID: 680-105023-D-3-D MSD
Matrix: Solid
Analysis Batch: 348268

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	12	U	208	206		mg/Kg	☼	99	75 - 125	1	30
Sulfate	26		208	224		mg/Kg	☼	96	75 - 125	1	30

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 680-346824/1-A
Matrix: Solid
Analysis Batch: 348073

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 346824

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.050	U	0.10	0.050	mg/Kg		09/02/14 08:55	09/08/14 21:31	1
Arsenic	0.10	U	0.25	0.10	mg/Kg		09/02/14 08:55	09/08/14 21:31	1
Barium	0.13	U	0.50	0.13	mg/Kg		09/02/14 08:55	09/08/14 21:31	1
Beryllium	0.025	U	0.050	0.025	mg/Kg		09/02/14 08:55	09/08/14 21:31	1
Cadmium	0.012	U	0.050	0.012	mg/Kg		09/02/14 08:55	09/08/14 21:31	1
Chromium	0.25	U	0.50	0.25	mg/Kg		09/02/14 08:55	09/08/14 21:31	1
Copper	0.20	U	0.50	0.20	mg/Kg		09/02/14 08:55	09/08/14 21:31	1
Sodium	16	U	25	16	mg/Kg		09/02/14 08:55	09/08/14 21:31	1
Nickel	0.25	U	0.50	0.25	mg/Kg		09/02/14 08:55	09/08/14 21:31	1
Lead	0.10	U	0.20	0.10	mg/Kg		09/02/14 08:55	09/08/14 21:31	1
Antimony	0.50	U	1.0	0.50	mg/Kg		09/02/14 08:55	09/08/14 21:31	1
Selenium	0.25	U	0.50	0.25	mg/Kg		09/02/14 08:55	09/08/14 21:31	1
Thallium	0.025	U	0.10	0.025	mg/Kg		09/02/14 08:55	09/08/14 21:31	1
Zinc	0.55	U	2.0	0.55	mg/Kg		09/02/14 08:55	09/08/14 21:31	1

Lab Sample ID: LCS 680-346824/2-A
Matrix: Solid
Analysis Batch: 348073

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 346824

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver			5.00	5.11		mg/Kg		102	75 - 125
Arsenic			10.0	10.2		mg/Kg		102	75 - 125
Barium			10.0	9.91		mg/Kg		99	75 - 125
Beryllium			5.00	5.19		mg/Kg		104	75 - 125

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

Lab Sample ID: LCS 680-346824/2-A
Matrix: Solid
Analysis Batch: 348073

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 346824

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	5.00	5.11		mg/Kg		102	75 - 125
Chromium	10.0	9.86		mg/Kg		99	75 - 125
Copper	10.0	9.96		mg/Kg		100	75 - 125
Sodium	500	493		mg/Kg		99	75 - 125
Nickel	10.0	10.2		mg/Kg		102	75 - 125
Lead	5.00	5.37		mg/Kg		107	75 - 125
Antimony	5.00	5.15		mg/Kg		103	75 - 125
Selenium	10.0	10.3		mg/Kg		103	75 - 125
Thallium	4.00	4.15		mg/Kg		104	75 - 125
Zinc	10.0	10.3		mg/Kg		103	75 - 125

Lab Sample ID: 660-62560-1 MS
Matrix: Solid
Analysis Batch: 348073

Client Sample ID: Comp 1-1F
Prep Type: Total/NA
Prep Batch: 346824

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	0.35	J3 U	34.0	36.7		mg/Kg	☼	108	75 - 125
Arsenic	9.7		68.0	80.6		mg/Kg	☼	104	75 - 125
Barium	93	J3	68.0	159		mg/Kg	☼	96	75 - 125
Beryllium	1.4	J3	34.0	39.9		mg/Kg	☼	113	75 - 125
Cadmium	1.1	J3	34.0	37.4		mg/Kg	☼	107	75 - 125
Chromium	66	J3	68.0	134		mg/Kg	☼	101	75 - 125
Copper	30		68.0	98.5		mg/Kg	☼	100	75 - 125
Sodium	3200		3400	6410		mg/Kg	☼	96	75 - 125
Nickel	21		68.0	92.7		mg/Kg	☼	106	75 - 125
Lead	97	J3	34.0	126		mg/Kg	☼	87	75 - 125
Selenium	6.6		68.0	75.8		mg/Kg	☼	102	75 - 125
Thallium	0.26	I	27.2	29.8		mg/Kg	☼	109	75 - 125
Zinc	130	J3	68.0	192		mg/Kg	☼	91	75 - 125

Lab Sample ID: 660-62560-1 MSD
Matrix: Solid
Analysis Batch: 348073

Client Sample ID: Comp 1-1F
Prep Type: Total/NA
Prep Batch: 346824

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	0.35	J3 U	33.0	41.5	J3	mg/Kg	☼	126	75 - 125	12	20
Arsenic	9.7		66.1	89.5		mg/Kg	☼	121	75 - 125	10	20
Barium	93	J3	66.1	181	J3	mg/Kg	☼	133	75 - 125	13	20
Beryllium	1.4	J3	33.0	43.8	J3	mg/Kg	☼	128	75 - 125	10	20
Cadmium	1.1	J3	33.0	42.7	J3	mg/Kg	☼	126	75 - 125	13	20
Chromium	66	J3	66.1	152	J3	mg/Kg	☼	131	75 - 125	13	20
Copper	30		66.1	109		mg/Kg	☼	119	75 - 125	10	20
Sodium	3200		3300	7240		mg/Kg	☼	124	75 - 125	12	20
Nickel	21		66.1	102		mg/Kg	☼	124	75 - 125	10	20
Lead	97	J3	33.0	141	J3	mg/Kg	☼	134	75 - 125	11	20
Antimony	3.5	J3 U	33.0	14.8	J3	mg/Kg	☼	45	75 - 125	17	20
Selenium	6.6		66.1	84.6		mg/Kg	☼	118	75 - 125	11	20
Thallium	0.26	I	26.4	33.2		mg/Kg	☼	125	75 - 125	11	20
Zinc	130	J3	66.1	213	J3	mg/Kg	☼	127	75 - 125	11	20

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

Lab Sample ID: MB 680-347770/1-A
Matrix: Solid
Analysis Batch: 348758

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347770

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/08/14 08:29	09/12/14 20:51	1
Arsenic	2.5	U	2.5	2.5	ug/L		09/08/14 08:29	09/12/14 20:51	1
Barium	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 20:51	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/08/14 08:29	09/12/14 20:51	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/08/14 08:29	09/12/14 20:51	1
Chromium	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 20:51	1
Copper	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 20:51	1
Nickel	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 20:51	1
Lead	1.5	U	1.5	1.5	ug/L		09/08/14 08:29	09/12/14 20:51	1
Antimony	5.0	U	5.0	5.0	ug/L		09/08/14 08:29	09/12/14 20:51	1
Selenium	2.5	U	2.5	2.5	ug/L		09/08/14 08:29	09/12/14 20:51	1
Thallium	1.0	U	1.0	1.0	ug/L		09/08/14 08:29	09/12/14 20:51	1
Zinc	20	U	20	20	ug/L		09/08/14 08:29	09/12/14 20:51	1

Lab Sample ID: LCS 680-347770/2-A
Matrix: Solid
Analysis Batch: 348758

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347770

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	100	103		ug/L		103	75 - 125
Arsenic	200	204		ug/L		102	75 - 125
Barium	200	205		ug/L		103	75 - 125
Beryllium	100	106		ug/L		106	75 - 125
Cadmium	100	100		ug/L		100	75 - 125
Chromium	200	209		ug/L		105	75 - 125
Copper	200	213		ug/L		106	75 - 125
Nickel	200	210		ug/L		105	75 - 125
Lead	100	102		ug/L		102	75 - 125
Antimony	100	101		ug/L		101	75 - 125
Selenium	200	206		ug/L		103	75 - 125
Thallium	80.0	80.8		ug/L		101	75 - 125
Zinc	200	202		ug/L		101	75 - 125

Lab Sample ID: LB2 680-348770/3-A
Matrix: Solid
Analysis Batch: 348928

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 348770

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/12/14 10:37	09/13/14 11:44	1
Arsenic	2.5	U	2.5	2.5	ug/L		09/12/14 10:37	09/13/14 11:44	1
Barium	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 11:44	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/12/14 10:37	09/13/14 11:44	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/12/14 10:37	09/13/14 11:44	1
Chromium	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 11:44	1
Copper	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 11:44	1
Nickel	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 11:44	1
Lead	1.5	U	1.5	1.5	ug/L		09/12/14 10:37	09/13/14 11:44	1
Antimony	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 11:44	1

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

Lab Sample ID: LB2 680-348770/3-A
Matrix: Solid
Analysis Batch: 348928

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 348770

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	2.5	U	2.5	2.5	ug/L		09/12/14 10:37	09/13/14 11:44	1
Thallium	1.0	U	1.0	1.0	ug/L		09/12/14 10:37	09/13/14 11:44	1
Zinc	20	U	20	20	ug/L		09/12/14 10:37	09/13/14 11:44	1

Lab Sample ID: MB 680-348770/1-A
Matrix: Solid
Analysis Batch: 348928

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 348770

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0	1.0	ug/L		09/12/14 10:37	09/13/14 11:29	1
Arsenic	2.5	U	2.5	2.5	ug/L		09/12/14 10:37	09/13/14 11:29	1
Barium	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 11:29	1
Beryllium	0.50	U	0.50	0.50	ug/L		09/12/14 10:37	09/13/14 11:29	1
Cadmium	0.50	U	0.50	0.50	ug/L		09/12/14 10:37	09/13/14 11:29	1
Chromium	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 11:29	1
Copper	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 11:29	1
Nickel	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 11:29	1
Lead	1.5	U	1.5	1.5	ug/L		09/12/14 10:37	09/13/14 11:29	1
Antimony	5.0	U	5.0	5.0	ug/L		09/12/14 10:37	09/13/14 11:29	1
Selenium	2.5	U	2.5	2.5	ug/L		09/12/14 10:37	09/13/14 11:29	1
Thallium	1.0	U	1.0	1.0	ug/L		09/12/14 10:37	09/13/14 11:29	1
Zinc	20	U	20	20	ug/L		09/12/14 10:37	09/13/14 11:29	1

Lab Sample ID: 660-62560-11 MS
Matrix: Solid
Analysis Batch: 348758

Client Sample ID: Comp 7-2F
Prep Type: SPLP East
Prep Batch: 347770

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	1.0	U	160	191		ug/L		120	75 - 125
Arsenic	13	J3	160	201		ug/L		118	75 - 125
Barium	5.0	J3 U	160	203	J3	ug/L		127	75 - 125
Beryllium	0.50	J3 U	160	207	J3	ug/L		130	75 - 125
Cadmium	0.50	J3 U	160	192		ug/L		120	75 - 125
Chromium	5.0	J3 U	160	194		ug/L		121	75 - 125
Copper	5.0	J3 U	160	199		ug/L		124	75 - 125
Nickel	5.0	J3 U	160	195		ug/L		122	75 - 125
Lead	1.5	J3 U	160	196		ug/L		123	75 - 125
Antimony	5.0	J3 U	160	194		ug/L		121	75 - 125
Selenium	2.7		160	188		ug/L		116	75 - 125
Thallium	1.0	J3 U	32.0	38.9		ug/L		122	75 - 125
Zinc	20	J3 U	160	196		ug/L		122	75 - 125

Lab Sample ID: 660-62560-11 MSD
Matrix: Solid
Analysis Batch: 348758

Client Sample ID: Comp 7-2F
Prep Type: SPLP East
Prep Batch: 347770

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	1.0	U	160	200		ug/L		125	75 - 125	4	20
Arsenic	13	J3	160	216	J3	ug/L		127	75 - 125	7	20

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

Lab Sample ID: 660-62560-11 MSD
Matrix: Solid
Analysis Batch: 348758

Client Sample ID: Comp 7-2F
Prep Type: SPLP East
Prep Batch: 347770

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Barium	5.0	J3 U	160	218	J3	ug/L		136	75 - 125	7	20
Beryllium	0.50	J3 U	160	218	J3	ug/L		137	75 - 125	5	20
Cadmium	0.50	J3 U	160	202	J3	ug/L		126	75 - 125	5	20
Chromium	5.0	J3 U	160	210	J3	ug/L		131	75 - 125	8	20
Copper	5.0	J3 U	160	215	J3	ug/L		135	75 - 125	8	20
Nickel	5.0	J3 U	160	209	J3	ug/L		130	75 - 125	7	20
Lead	1.5		160	206	J3	ug/L		129	75 - 125	6	20
Antimony	5.0	J3 U	160	205	J3	ug/L		128	75 - 125	5	20
Selenium	2.7		160	198		ug/L		122	75 - 125	5	20
Thallium	1.0	J3 U	32.0	41.3	J3	ug/L		129	75 - 125	6	20
Zinc	20	J3 U	160	208	J3	ug/L		130	75 - 125	6	20

Lab Sample ID: 660-62560-12 MS
Matrix: Solid
Analysis Batch: 348928

Client Sample ID: Comp 7-3F
Prep Type: SPLP East
Prep Batch: 348770

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	1.0	U	200	183		ug/L		92	75 - 125
Arsenic	6.6		200	188		ug/L		91	75 - 125
Barium	5.0	U	200	198		ug/L		99	75 - 125
Beryllium	0.50	U	200	192		ug/L		96	75 - 125
Cadmium	0.50	U	200	185		ug/L		93	75 - 125
Chromium	5.0	U	200	187		ug/L		94	75 - 125
Copper	5.0	U	200	192		ug/L		96	75 - 125
Nickel	5.0	U	200	187		ug/L		93	75 - 125
Lead	1.5	U	200	190		ug/L		95	75 - 125
Antimony	5.0	U	200	186		ug/L		93	75 - 125
Selenium	2.5	U	200	177		ug/L		89	75 - 125
Thallium	1.0	U	40.0	37.8		ug/L		94	75 - 125
Zinc	20	U	200	182		ug/L		91	75 - 125

Lab Sample ID: 660-62560-12 MSD
Matrix: Solid
Analysis Batch: 348928

Client Sample ID: Comp 7-3F
Prep Type: SPLP East
Prep Batch: 348770

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	1.0	U	200	189		ug/L		94	75 - 125	3	20
Arsenic	6.6		200	195		ug/L		94	75 - 125	4	20
Barium	5.0	U	200	206		ug/L		103	75 - 125	4	20
Beryllium	0.50	U	200	198		ug/L		99	75 - 125	3	20
Cadmium	0.50	U	200	192		ug/L		96	75 - 125	3	20
Chromium	5.0	U	200	195		ug/L		97	75 - 125	4	20
Copper	5.0	U	200	199		ug/L		100	75 - 125	3	20
Nickel	5.0	U	200	195		ug/L		97	75 - 125	4	20
Lead	1.5	U	200	193		ug/L		97	75 - 125	1	20
Antimony	5.0	U	200	193		ug/L		96	75 - 125	4	20
Selenium	2.5	U	200	187		ug/L		93	75 - 125	5	20
Thallium	1.0	U	40.0	38.1		ug/L		95	75 - 125	1	20
Zinc	20	U	200	187		ug/L		94	75 - 125	3	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-347865/1-A
Matrix: Solid
Analysis Batch: 348149

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347865

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/08/14 12:25	09/09/14 10:54	1

Lab Sample ID: LCS 680-347865/2-A
Matrix: Solid
Analysis Batch: 348149

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347865

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: MB 680-347879/1-A
Matrix: Solid
Analysis Batch: 348149

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347879

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/08/14 13:35	09/09/14 13:21	1

Lab Sample ID: LCS 680-347879/2-A
Matrix: Solid
Analysis Batch: 348149

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347879

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	2.50	2.44		ug/L		97	80 - 120

Lab Sample ID: LB1 680-347206/14-C
Matrix: Solid
Analysis Batch: 348149

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 347865

Analyte	LB1 Result	LB1 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/08/14 12:25	09/09/14 11:06	1

Lab Sample ID: 660-62560-11 MS
Matrix: Solid
Analysis Batch: 348149

Client Sample ID: Comp 7-2F
Prep Type: SPLP East
Prep Batch: 347865

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.20	U	2.00	2.04		ug/L		102	80 - 120

Lab Sample ID: 660-62560-11 MSD
Matrix: Solid
Analysis Batch: 348149

Client Sample ID: Comp 7-2F
Prep Type: SPLP East
Prep Batch: 347865

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.20	U	2.00	1.95		ug/L		98	80 - 120	4	20

Lab Sample ID: LB2 680-347443/2-C
Matrix: Solid
Analysis Batch: 348149

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 347879

Analyte	LB2 Result	LB2 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.20	ug/L		09/08/14 13:35	09/09/14 13:27	1

Lab Sample ID: 660-62560-12 MS
Matrix: Solid
Analysis Batch: 348149

Client Sample ID: Comp 7-3F
Prep Type: SPLP East
Prep Batch: 347879

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.20	J3 U	2.00	1.52	J3	ug/L		76	80 - 120

Lab Sample ID: 660-62560-12 MSD
Matrix: Solid
Analysis Batch: 348149

Client Sample ID: Comp 7-3F
Prep Type: SPLP East
Prep Batch: 347879

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.20	J3 U	2.00	1.74		ug/L		87	80 - 120	14	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: LB 680-346779/1-E
Matrix: Solid
Analysis Batch: 347599

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347327

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0072	U	0.018	0.0072	mg/Kg		09/04/14 10:18	09/05/14 12:33	1

Lab Sample ID: MB 680-347327/13-A
Matrix: Solid
Analysis Batch: 347599

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 347327

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0072	U	0.018	0.0072	mg/Kg		09/04/14 10:18	09/05/14 11:17	1

Lab Sample ID: LCS 680-347327/14-A
Matrix: Solid
Analysis Batch: 347599

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 347327

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.250	0.243		mg/Kg		97	80 - 120

Lab Sample ID: 660-62560-1 MS
Matrix: Solid
Analysis Batch: 347599

Client Sample ID: Comp 1-1F
Prep Type: Total/NA
Prep Batch: 347327

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.19		0.616	0.845		mg/Kg	☼	107	80 - 120

Lab Sample ID: 660-62560-1 MSD
Matrix: Solid
Analysis Batch: 347599

Client Sample ID: Comp 1-1F
Prep Type: Total/NA
Prep Batch: 347327

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.19		0.713	0.947		mg/Kg	☼	107	80 - 120	11	20

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: 680-104717-C-1-O MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 347599 — **Prep Batch: 347327**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.0079	U	0.0980	0.0838		mg/Kg		85	80 - 120

Lab Sample ID: 680-104717-C-1-P MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 347599 — **Prep Batch: 347327**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.0079	U	0.0893	0.0721		mg/Kg		81	80 - 120	15	20

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 680-347605/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 347696 — **Prep Batch: 347605**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (as N)	0.13	U	0.30	0.13	mg/Kg		09/05/14 13:59	09/06/14 12:13	1

Lab Sample ID: LCS 680-347605/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 347696 — **Prep Batch: 347605**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia (as N)	5.00	4.69		mg/Kg		94	75 - 125

Lab Sample ID: 660-62560-2 MS — **Client Sample ID: Comp 1-2F**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 347696 — **Prep Batch: 347605**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ammonia (as N)	190	J3	39.6	228		mg/Kg	☼	89	75 - 125

Lab Sample ID: 660-62560-2 MSD — **Client Sample ID: Comp 1-2F**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 347696 — **Prep Batch: 347605**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ammonia (as N)	190	J3	238	236	J3	mg/Kg	☼	18	75 - 125	4	30

Lab Sample ID: 660-62560-12 DU — **Client Sample ID: Comp 7-3F**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 347696 — **Prep Batch: 347605**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Ammonia (as N)	180		174		mg/Kg	☼	1	30

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 680-348059/2-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 348280 — **Prep Batch: 348059**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Kjeldahl Nitrogen	30	U	50	30	mg/Kg		09/09/14 16:23	09/10/14 11:20	1

Lab Sample ID: LCS 680-348059/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 348280 — **Prep Batch: 348059**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Kjeldahl Nitrogen	400	386		mg/Kg		96	75 - 125

Lab Sample ID: 660-62560-1 MS — **Client Sample ID: Comp 1-1F**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 348280 — **Prep Batch: 348059**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Kjeldahl Nitrogen	9600	J3	2530	10600	J3	mg/Kg	☼	39	75 - 125

Lab Sample ID: 660-62560-1 MSD — **Client Sample ID: Comp 1-1F**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 348280 — **Prep Batch: 348059**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Kjeldahl Nitrogen	9600	J3	2870	12100		mg/Kg	☼	88	75 - 125	14	40

Lab Sample ID: MB 680-348375/2-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 348550 — **Prep Batch: 348375**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Kjeldahl Nitrogen	30	U	50	30	mg/Kg		09/10/14 16:02	09/11/14 15:49	1

Lab Sample ID: LCS 680-348375/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 348550 — **Prep Batch: 348375**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Kjeldahl Nitrogen	400	392		mg/Kg		98	75 - 125

Lab Sample ID: 660-62560-2 MS — **Client Sample ID: Comp 1-2F**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 348550 — **Prep Batch: 348375**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Kjeldahl Nitrogen	9700		5900	14400		mg/Kg	☼	80	75 - 125

Lab Sample ID: 660-62560-2 MSD — **Client Sample ID: Comp 1-2F**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 348550 — **Prep Batch: 348375**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Kjeldahl Nitrogen	9700		5960	16900		mg/Kg	☼	121	75 - 125	16	40

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 680-347153/2-A
Matrix: Solid
Analysis Batch: 347245

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.55	U	2.0	0.55	mg/Kg			09/03/14 16:09	1

Lab Sample ID: LCS 680-347153/1-A
Matrix: Solid
Analysis Batch: 347245

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	20.0	20.9		mg/Kg		105	75 - 125

Lab Sample ID: 660-62560-1 MS
Matrix: Solid
Analysis Batch: 347245

Client Sample ID: Comp 1-1F
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate Nitrite as N	4.0	U	145	134		mg/Kg	☼	92	75 - 125

Lab Sample ID: 660-62560-1 MSD
Matrix: Solid
Analysis Batch: 347245

Client Sample ID: Comp 1-1F
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate Nitrite as N	4.0	U	145	137		mg/Kg	☼	94	75 - 125	2	30

Lab Sample ID: 660-62560-2 DU
Matrix: Solid
Analysis Batch: 347245

Client Sample ID: Comp 1-2F
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Nitrate Nitrite as N	4.4	U	4.4	U	mg/Kg	☼	NC	30

Method: 365.4 - Phosphorus, Total

Lab Sample ID: MB 680-348059/2-A
Matrix: Solid
Analysis Batch: 348279

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 348059

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Phosphorus as P	11	U	20	11	mg/Kg		09/09/14 16:23	09/10/14 11:20	1

Lab Sample ID: LCS 680-348059/1-A
Matrix: Solid
Analysis Batch: 348279

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 348059

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Phosphorus as P	400	414		mg/Kg		103	60 - 140

Method: 365.4 - Phosphorus, Total (Continued)

Lab Sample ID: 660-62560-1 MS — **Client Sample ID: Comp 1-1F**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 348279 — **Prep Batch: 348059**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Phosphorus as P	2500		2530	4510		mg/Kg	☼	78	60 - 140

Lab Sample ID: 660-62560-1 MSD — **Client Sample ID: Comp 1-1F**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 348279 — **Prep Batch: 348059**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Phosphorus as P	2500		2870	5170		mg/Kg	☼	92	60 - 140	14	40

Lab Sample ID: 660-62560-2 DU — **Client Sample ID: Comp 1-2F**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 348279 — **Prep Batch: 348059**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Phosphorus as P	2100		1580		mg/Kg	☼	30	40

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 680-346812/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 346936 — **Prep Batch: 346812**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.21	U	0.50	0.21	mg/Kg		09/02/14 08:00	09/02/14 12:02	1

Lab Sample ID: LCS 680-346812/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 346936 — **Prep Batch: 346812**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	5.00	5.20		mg/Kg		104	75 - 125

Lab Sample ID: LCSD 680-346812/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 346936 — **Prep Batch: 346812**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	5.00	5.15		mg/Kg		103	75 - 125	1	30

Lab Sample ID: 660-62560-5 MS — **Client Sample ID: Comp 5-1F**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 346936 — **Prep Batch: 346812**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	2.1	U	49.5	48.6		mg/Kg	☼	98	75 - 125

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: 660-62560-5 MSD — **Client Sample ID: Comp 5-1F**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 346936 — **Prep Batch: 346812**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	2.1	U	49.5	46.0		mg/Kg	☼	93	75 - 125	5	30

Lab Sample ID: 680-104811-B-1-B DU — **Client Sample ID: Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 346936 — **Prep Batch: 346812**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Total	0.30	U	0.30	U	mg/Kg	☼	NC	30

Method: 9065 - Phenolics, Total Recoverable

Lab Sample ID: MB 680-346842/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 347000 — **Prep Batch: 346842**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	0.25	U	1.0	0.25	mg/Kg		09/02/14 08:59	09/02/14 15:31	1

Lab Sample ID: LCS 680-346842/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 347000 — **Prep Batch: 346842**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenolics, Total Recoverable	1.20	0.923	I	mg/Kg		77	60 - 140

Lab Sample ID: 660-62560-1 MS — **Client Sample ID: Comp 1-1F**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 347000 — **Prep Batch: 346842**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenolics, Total Recoverable	4.4	U	21.4	16.4	I	mg/Kg	☼	77	60 - 140

Lab Sample ID: 660-62560-1 MSD — **Client Sample ID: Comp 1-1F**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 347000 — **Prep Batch: 346842**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phenolics, Total Recoverable	4.4	U	21.5	16.1	I	mg/Kg	☼	75	60 - 140	2	40

Lab Sample ID: 660-62560-2 MS — **Client Sample ID: Comp 1-2F**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 347000 — **Prep Batch: 346842**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenolics, Total Recoverable	4.7	J3 U	23.4	20.2		mg/Kg	☼	86	60 - 140

Method: 9065 - Phenolics, Total Recoverable (Continued)

Lab Sample ID: 660-62560-2 MSD
Matrix: Solid
Analysis Batch: 347000

Client Sample ID: Comp 1-2F
Prep Type: Total/NA
Prep Batch: 346842

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phenolics, Total Recoverable	4.7	J3 U	23.0	4.8	J3 U	mg/Kg	☼	0	60 - 140	NC	40

GC/MS VOA

Analysis Batch: 346991

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	Total/NA	Solid	8260B	347016
660-62560-2	Comp 1-2F	Total/NA	Solid	8260B	347016
660-62560-3	Comp 1-3F	Total/NA	Solid	8260B	347016
660-62560-4	Comp 3-1F	Total/NA	Solid	8260B	347016
660-62560-5	Comp 5-1F	Total/NA	Solid	8260B	347016
660-62560-6	Comp 5-2F	Total/NA	Solid	8260B	347016
660-62560-7	Comp 6-1F	Total/NA	Solid	8260B	347016
660-62560-8	Comp 6-2F	Total/NA	Solid	8260B	347016
660-62560-9	Comp 6-3F	Total/NA	Solid	8260B	347016
660-62560-10	Comp 7-1F	Total/NA	Solid	8260B	347016
660-62560-11	Comp 7-2F	Total/NA	Solid	8260B	347016
660-62560-12	Comp 7-3F	Total/NA	Solid	8260B	347016
660-62560-13	Comp 7-4F	Total/NA	Solid	8260B	347016
660-62560-14	Area 1 Coarse Comp	Total/NA	Solid	8260B	347016
660-62560-15	Area 3 Coarse Comp	Total/NA	Solid	8260B	347016
660-62560-16	Area 5 Coarse Comp	Total/NA	Solid	8260B	347016
660-62560-17	Area 6 Coarse Comp	Total/NA	Solid	8260B	347016
660-62560-18	Area 7 Coarse Comp	Total/NA	Solid	8260B	347016
LCS 680-346991/6	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 680-346991/7	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 680-346991/10	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 347016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	Total/NA	Solid	5030B	
660-62560-2	Comp 1-2F	Total/NA	Solid	5030B	
660-62560-3	Comp 1-3F	Total/NA	Solid	5030B	
660-62560-4	Comp 3-1F	Total/NA	Solid	5030B	
660-62560-5	Comp 5-1F	Total/NA	Solid	5030B	
660-62560-6	Comp 5-2F	Total/NA	Solid	5030B	
660-62560-7	Comp 6-1F	Total/NA	Solid	5030B	
660-62560-8	Comp 6-2F	Total/NA	Solid	5030B	
660-62560-9	Comp 6-3F	Total/NA	Solid	5030B	
660-62560-10	Comp 7-1F	Total/NA	Solid	5030B	
660-62560-11	Comp 7-2F	Total/NA	Solid	5030B	
660-62560-12	Comp 7-3F	Total/NA	Solid	5030B	
660-62560-13	Comp 7-4F	Total/NA	Solid	5030B	
660-62560-14	Area 1 Coarse Comp	Total/NA	Solid	5030B	
660-62560-15	Area 3 Coarse Comp	Total/NA	Solid	5030B	
660-62560-16	Area 5 Coarse Comp	Total/NA	Solid	5030B	
660-62560-17	Area 6 Coarse Comp	Total/NA	Solid	5030B	
660-62560-18	Area 7 Coarse Comp	Total/NA	Solid	5030B	

Leach Batch: 347851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	SPLP	Solid	1312	
660-62560-2	Comp 1-2F	SPLP	Solid	1312	
660-62560-3	Comp 1-3F	SPLP	Solid	1312	
660-62560-4	Comp 3-1F	SPLP	Solid	1312	
660-62560-5	Comp 5-1F	SPLP	Solid	1312	
660-62560-6	Comp 5-2F	SPLP	Solid	1312	

GC/MS VOA (Continued)

Leach Batch: 347851 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-7	Comp 6-1F	SPLP	Solid	1312	
660-62560-8	Comp 6-2F	SPLP	Solid	1312	
660-62560-9	Comp 6-3F	SPLP	Solid	1312	
660-62560-10	Comp 7-1F	SPLP	Solid	1312	
660-62560-11	Comp 7-2F	SPLP	Solid	1312	
660-62560-12	Comp 7-3F	SPLP	Solid	1312	
660-62560-12 DU	Comp 7-3F	SPLP	Solid	1312	

Analysis Batch: 348363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-8	Comp 6-2F	SPLP	Solid	8260B	347851
660-62560-9	Comp 6-3F	SPLP	Solid	8260B	347851
660-62560-10	Comp 7-1F	SPLP	Solid	8260B	347851
LCS 680-348363/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 680-348363/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 680-348363/8	Method Blank	Total/NA	Solid	8260B	

Leach Batch: 348568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-13	Comp 7-4F	SPLP	Solid	1312	
660-62560-14	Area 1 Coarse Comp	SPLP	Solid	1312	
660-62560-15	Area 3 Coarse Comp	SPLP	Solid	1312	
660-62560-16	Area 5 Coarse Comp	SPLP	Solid	1312	
660-62560-17	Area 6 Coarse Comp	SPLP	Solid	1312	
660-62560-18	Area 7 Coarse Comp	SPLP	Solid	1312	
LB 680-348568/1-A	Method Blank	SPLP	Solid	1312	

Analysis Batch: 348583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-2	Comp 1-2F	SPLP	Solid	8260B	347851
660-62560-3	Comp 1-3F	SPLP	Solid	8260B	347851
660-62560-4	Comp 3-1F	SPLP	Solid	8260B	347851
660-62560-5	Comp 5-1F	SPLP	Solid	8260B	347851
660-62560-6	Comp 5-2F	SPLP	Solid	8260B	347851
660-62560-7	Comp 6-1F	SPLP	Solid	8260B	347851
660-62560-11	Comp 7-2F	SPLP	Solid	8260B	347851
660-62560-12	Comp 7-3F	SPLP	Solid	8260B	347851
660-62560-12 DU	Comp 7-3F	SPLP	Solid	8260B	347851
LCS 680-348583/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 680-348583/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 680-348583/8	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 348864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	SPLP	Solid	8260B	347851
660-62560-13	Comp 7-4F	SPLP	Solid	8260B	348568
660-62560-14	Area 1 Coarse Comp	SPLP	Solid	8260B	348568
660-62560-15	Area 3 Coarse Comp	SPLP	Solid	8260B	348568
660-62560-16	Area 5 Coarse Comp	SPLP	Solid	8260B	348568
660-62560-17	Area 6 Coarse Comp	SPLP	Solid	8260B	348568
660-62560-18	Area 7 Coarse Comp	SPLP	Solid	8260B	348568

GC/MS VOA (Continued)

Analysis Batch: 348864 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 680-348568/1-A	Method Blank	SPLP	Solid	8260B	348568
LCS 680-348864/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 680-348864/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 680-348864/7	Method Blank	Total/NA	Solid	8260B	

GC/MS Semi VOA

Leach Batch: 111499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	SPLP East	Solid	1312	
660-62560-2	Comp 1-2F	SPLP East	Solid	1312	
660-62560-3	Comp 1-3F	SPLP East	Solid	1312	
660-62560-4	Comp 3-1F	SPLP East	Solid	1312	
660-62560-5	Comp 5-1F	SPLP East	Solid	1312	
660-62560-6	Comp 5-2F	SPLP East	Solid	1312	
660-62560-7	Comp 6-1F	SPLP East	Solid	1312	
660-62560-8	Comp 6-2F	SPLP East	Solid	1312	
660-62560-9	Comp 6-3F	SPLP East	Solid	1312	
660-62560-10	Comp 7-1F	SPLP East	Solid	1312	
660-62560-11	Comp 7-2F	SPLP East	Solid	1312	
LB 640-111499/1-C	Method Blank	SPLP East	Solid	1312	

Leach Batch: 111501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-12	Comp 7-3F	SPLP East	Solid	1312	
660-62560-13	Comp 7-4F	SPLP East	Solid	1312	
660-62560-14	Area 1 Coarse Comp	SPLP East	Solid	1312	
660-62560-15	Area 3 Coarse Comp	SPLP East	Solid	1312	
660-62560-16	Area 5 Coarse Comp	SPLP East	Solid	1312	
660-62560-17	Area 6 Coarse Comp	SPLP East	Solid	1312	
660-62560-18	Area 7 Coarse Comp	SPLP East	Solid	1312	
LB 640-111501/1-C	Method Blank	SPLP East	Solid	1312	

Prep Batch: 111505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	SPLP East	Solid	3520C	111499
660-62560-2	Comp 1-2F	SPLP East	Solid	3520C	111499
660-62560-3	Comp 1-3F	SPLP East	Solid	3520C	111499
660-62560-4	Comp 3-1F	SPLP East	Solid	3520C	111499
660-62560-5	Comp 5-1F	SPLP East	Solid	3520C	111499
660-62560-6	Comp 5-2F	SPLP East	Solid	3520C	111499
660-62560-7	Comp 6-1F	SPLP East	Solid	3520C	111499
660-62560-8	Comp 6-2F	SPLP East	Solid	3520C	111499
660-62560-9	Comp 6-3F	SPLP East	Solid	3520C	111499
660-62560-10	Comp 7-1F	SPLP East	Solid	3520C	111499
660-62560-11	Comp 7-2F	SPLP East	Solid	3520C	111499
LB 640-111499/1-C	Method Blank	SPLP East	Solid	3520C	111499
LCS 640-111505/3-A	Lab Control Sample	Total/NA	Solid	3520C	
LCSD 640-111505/4-A	Lab Control Sample Dup	Total/NA	Solid	3520C	
MB 640-111505/1-A	Method Blank	Total/NA	Solid	3520C	

GC/MS Semi VOA (Continued)

Prep Batch: 111513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-12	Comp 7-3F	SPLP East	Solid	3520C	111501
660-62560-13	Comp 7-4F	SPLP East	Solid	3520C	111501
660-62560-14	Area 1 Coarse Comp	SPLP East	Solid	3520C	111501
660-62560-15	Area 3 Coarse Comp	SPLP East	Solid	3520C	111501
660-62560-16	Area 5 Coarse Comp	SPLP East	Solid	3520C	111501
660-62560-17	Area 6 Coarse Comp	SPLP East	Solid	3520C	111501
660-62560-18	Area 7 Coarse Comp	SPLP East	Solid	3520C	111501
LB 640-111501/1-C	Method Blank	SPLP East	Solid	3520C	111501
LCS 640-111513/3-A	Lab Control Sample	Total/NA	Solid	3520C	
LCSD 640-111513/4-A	Lab Control Sample Dup	Total/NA	Solid	3520C	
MB 640-111513/1-A	Method Blank	Total/NA	Solid	3520C	

Analysis Batch: 111593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-12	Comp 7-3F	SPLP East	Solid	8270D	111513
LB 640-111501/1-C	Method Blank	SPLP East	Solid	8270D	111513
LCS 640-111513/3-A	Lab Control Sample	Total/NA	Solid	8270D	111513
LCSD 640-111513/4-A	Lab Control Sample Dup	Total/NA	Solid	8270D	111513

Analysis Batch: 111600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	SPLP East	Solid	8270D	111505
660-62560-2	Comp 1-2F	SPLP East	Solid	8270D	111505
660-62560-3	Comp 1-3F	SPLP East	Solid	8270D	111505
660-62560-4	Comp 3-1F	SPLP East	Solid	8270D	111505
660-62560-5	Comp 5-1F	SPLP East	Solid	8270D	111505
660-62560-6	Comp 5-2F	SPLP East	Solid	8270D	111505
660-62560-7	Comp 6-1F	SPLP East	Solid	8270D	111505
660-62560-8	Comp 6-2F	SPLP East	Solid	8270D	111505
660-62560-9	Comp 6-3F	SPLP East	Solid	8270D	111505
660-62560-10	Comp 7-1F	SPLP East	Solid	8270D	111505
660-62560-11	Comp 7-2F	SPLP East	Solid	8270D	111505
660-62560-15	Area 3 Coarse Comp	SPLP East	Solid	8270D	111513
660-62560-16	Area 5 Coarse Comp	SPLP East	Solid	8270D	111513
660-62560-17	Area 6 Coarse Comp	SPLP East	Solid	8270D	111513
660-62560-18	Area 7 Coarse Comp	SPLP East	Solid	8270D	111513
LB 640-111499/1-C	Method Blank	SPLP East	Solid	8270D	111505
LCS 640-111505/3-A	Lab Control Sample	Total/NA	Solid	8270D	111505
LCSD 640-111505/4-A	Lab Control Sample Dup	Total/NA	Solid	8270D	111505
MB 640-111505/1-A	Method Blank	Total/NA	Solid	8270D	111505

Analysis Batch: 111634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-13	Comp 7-4F	SPLP East	Solid	8270D	111513
MB 640-111513/1-A	Method Blank	Total/NA	Solid	8270D	111513

Analysis Batch: 111639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-14	Area 1 Coarse Comp	SPLP East	Solid	8270D	111513
LB 640-111499/1-C	Method Blank	SPLP East	Solid	8270D	111505

GC/MS Semi VOA (Continued)

Prep Batch: 347149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	Total/NA	Solid	3546	
660-62560-2	Comp 1-2F	Total/NA	Solid	3546	
660-62560-3	Comp 1-3F	Total/NA	Solid	3546	
660-62560-4	Comp 3-1F	Total/NA	Solid	3546	
660-62560-5	Comp 5-1F	Total/NA	Solid	3546	
660-62560-6	Comp 5-2F	Total/NA	Solid	3546	
660-62560-7	Comp 6-1F	Total/NA	Solid	3546	
660-62560-8	Comp 6-2F	Total/NA	Solid	3546	
660-62560-9	Comp 6-3F	Total/NA	Solid	3546	
660-62560-10	Comp 7-1F	Total/NA	Solid	3546	
660-62560-11	Comp 7-2F	Total/NA	Solid	3546	
660-62560-12	Comp 7-3F	Total/NA	Solid	3546	
660-62560-13	Comp 7-4F	Total/NA	Solid	3546	
660-62560-14	Area 1 Coarse Comp	Total/NA	Solid	3546	
660-62560-15	Area 3 Coarse Comp	Total/NA	Solid	3546	
660-62560-16	Area 5 Coarse Comp	Total/NA	Solid	3546	
660-62560-17	Area 6 Coarse Comp	Total/NA	Solid	3546	
660-62560-17 MS	Area 6 Coarse Comp	Total/NA	Solid	3546	
660-62560-17 MSD	Area 6 Coarse Comp	Total/NA	Solid	3546	
660-62560-18	Area 7 Coarse Comp	Total/NA	Solid	3546	
LCS 680-347149/21-A	Lab Control Sample	Total/NA	Solid	3546	
MB 680-347149/20-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 348220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	Total/NA	Solid	8270D	347149
660-62560-2	Comp 1-2F	Total/NA	Solid	8270D	347149
660-62560-3	Comp 1-3F	Total/NA	Solid	8270D	347149
660-62560-4	Comp 3-1F	Total/NA	Solid	8270D	347149
660-62560-5	Comp 5-1F	Total/NA	Solid	8270D	347149
660-62560-6	Comp 5-2F	Total/NA	Solid	8270D	347149
660-62560-7	Comp 6-1F	Total/NA	Solid	8270D	347149
660-62560-8	Comp 6-2F	Total/NA	Solid	8270D	347149
660-62560-9	Comp 6-3F	Total/NA	Solid	8270D	347149
660-62560-10	Comp 7-1F	Total/NA	Solid	8270D	347149
660-62560-11	Comp 7-2F	Total/NA	Solid	8270D	347149
660-62560-12	Comp 7-3F	Total/NA	Solid	8270D	347149
660-62560-13	Comp 7-4F	Total/NA	Solid	8270D	347149
660-62560-14	Area 1 Coarse Comp	Total/NA	Solid	8270D	347149
660-62560-15	Area 3 Coarse Comp	Total/NA	Solid	8270D	347149
660-62560-17 MS	Area 6 Coarse Comp	Total/NA	Solid	8270D	347149
660-62560-17 MSD	Area 6 Coarse Comp	Total/NA	Solid	8270D	347149
LCS 680-347149/21-A	Lab Control Sample	Total/NA	Solid	8270D	347149
MB 680-347149/20-A	Method Blank	Total/NA	Solid	8270D	347149

Analysis Batch: 348472

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-16	Area 5 Coarse Comp	Total/NA	Solid	8270D	347149
660-62560-17	Area 6 Coarse Comp	Total/NA	Solid	8270D	347149
660-62560-18	Area 7 Coarse Comp	Total/NA	Solid	8270D	347149

GC Semi VOA

Analysis Batch: 111489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	SPLP East	Solid	8081B/8082A	111502
660-62560-1 MS	Comp 1-1F	SPLP East	Solid	8081B/8082A	111502
660-62560-1 MSD	Comp 1-1F	SPLP East	Solid	8081B/8082A	111502
660-62560-2	Comp 1-2F	SPLP East	Solid	8081B/8082A	111502
660-62560-3	Comp 1-3F	SPLP East	Solid	8081B/8082A	111502
660-62560-5	Comp 5-1F	SPLP East	Solid	8081B/8082A	111502
660-62560-7	Comp 6-1F	SPLP East	Solid	8081B/8082A	111502
660-62560-8	Comp 6-2F	SPLP East	Solid	8081B/8082A	111502
660-62560-9	Comp 6-3F	SPLP East	Solid	8081B/8082A	111502
660-62560-10	Comp 7-1F	SPLP East	Solid	8081B/8082A	111502
LB 640-111499/1-B	Method Blank	SPLP East	Solid	8081B/8082A	111502
LCS 640-111502/2-A	Lab Control Sample	Total/NA	Solid	8081B/8082A	111502
LCSD 640-111502/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B/8082A	111502
MB 640-111502/1-A	Method Blank	Total/NA	Solid	8081B/8082A	111502

Leach Batch: 111499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	SPLP East	Solid	1312	
660-62560-1 MS	Comp 1-1F	SPLP East	Solid	1312	
660-62560-1 MSD	Comp 1-1F	SPLP East	Solid	1312	
660-62560-2	Comp 1-2F	SPLP East	Solid	1312	
660-62560-3	Comp 1-3F	SPLP East	Solid	1312	
660-62560-4	Comp 3-1F	SPLP East	Solid	1312	
660-62560-5	Comp 5-1F	SPLP East	Solid	1312	
660-62560-6	Comp 5-2F	SPLP East	Solid	1312	
660-62560-7	Comp 6-1F	SPLP East	Solid	1312	
660-62560-8	Comp 6-2F	SPLP East	Solid	1312	
660-62560-9	Comp 6-3F	SPLP East	Solid	1312	
660-62560-10	Comp 7-1F	SPLP East	Solid	1312	
660-62560-11	Comp 7-2F	SPLP East	Solid	1312	
LB 640-111499/1-B	Method Blank	SPLP East	Solid	1312	

Leach Batch: 111501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-12	Comp 7-3F	SPLP East	Solid	1312	
660-62560-13	Comp 7-4F	SPLP East	Solid	1312	
660-62560-14	Area 1 Coarse Comp	SPLP East	Solid	1312	
660-62560-15	Area 3 Coarse Comp	SPLP East	Solid	1312	
660-62560-16	Area 5 Coarse Comp	SPLP East	Solid	1312	
660-62560-17	Area 6 Coarse Comp	SPLP East	Solid	1312	
660-62560-18	Area 7 Coarse Comp	SPLP East	Solid	1312	
LB 640-111501/1-B	Method Blank	SPLP East	Solid	1312	

Prep Batch: 111502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	SPLP East	Solid	3511	111499
660-62560-1 MS	Comp 1-1F	SPLP East	Solid	3511	111499
660-62560-1 MSD	Comp 1-1F	SPLP East	Solid	3511	111499
660-62560-2	Comp 1-2F	SPLP East	Solid	3511	111499
660-62560-3	Comp 1-3F	SPLP East	Solid	3511	111499
660-62560-4	Comp 3-1F	SPLP East	Solid	3511	111499

GC Semi VOA (Continued)

Prep Batch: 111502 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-5	Comp 5-1F	SPLP East	Solid	3511	111499
660-62560-6	Comp 5-2F	SPLP East	Solid	3511	111499
660-62560-7	Comp 6-1F	SPLP East	Solid	3511	111499
660-62560-8	Comp 6-2F	SPLP East	Solid	3511	111499
660-62560-9	Comp 6-3F	SPLP East	Solid	3511	111499
660-62560-10	Comp 7-1F	SPLP East	Solid	3511	111499
660-62560-11	Comp 7-2F	SPLP East	Solid	3511	111499
660-62560-12	Comp 7-3F	SPLP East	Solid	3511	111501
660-62560-13	Comp 7-4F	SPLP East	Solid	3511	111501
660-62560-14	Area 1 Coarse Comp	SPLP East	Solid	3511	111501
660-62560-15	Area 3 Coarse Comp	SPLP East	Solid	3511	111501
660-62560-16	Area 5 Coarse Comp	SPLP East	Solid	3511	111501
660-62560-17	Area 6 Coarse Comp	SPLP East	Solid	3511	111501
660-62560-18	Area 7 Coarse Comp	SPLP East	Solid	3511	111501
LB 640-111499/1-B	Method Blank	SPLP East	Solid	3511	111499
LB 640-111501/1-B	Method Blank	SPLP East	Solid	3511	111501
LCS 640-111502/2-A	Lab Control Sample	Total/NA	Solid	3511	
LCSD 640-111502/3-A	Lab Control Sample Dup	Total/NA	Solid	3511	
MB 640-111502/1-A	Method Blank	Total/NA	Solid	3511	

Analysis Batch: 111533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-4	Comp 3-1F	SPLP East	Solid	8081B/8082A	111502
660-62560-6	Comp 5-2F	SPLP East	Solid	8081B/8082A	111502
660-62560-11	Comp 7-2F	SPLP East	Solid	8081B/8082A	111502
660-62560-12	Comp 7-3F	SPLP East	Solid	8081B/8082A	111502
660-62560-13	Comp 7-4F	SPLP East	Solid	8081B/8082A	111502
660-62560-14	Area 1 Coarse Comp	SPLP East	Solid	8081B/8082A	111502
660-62560-15	Area 3 Coarse Comp	SPLP East	Solid	8081B/8082A	111502
660-62560-16	Area 5 Coarse Comp	SPLP East	Solid	8081B/8082A	111502
660-62560-17	Area 6 Coarse Comp	SPLP East	Solid	8081B/8082A	111502
660-62560-18	Area 7 Coarse Comp	SPLP East	Solid	8081B/8082A	111502
LB 640-111501/1-B	Method Blank	SPLP East	Solid	8081B/8082A	111502

Prep Batch: 347023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	Total/NA	Solid	3546	
660-62560-2	Comp 1-2F	Total/NA	Solid	3546	
660-62560-3	Comp 1-3F	Total/NA	Solid	3546	
660-62560-4	Comp 3-1F	Total/NA	Solid	3546	
660-62560-5	Comp 5-1F	Total/NA	Solid	3546	
660-62560-6	Comp 5-2F	Total/NA	Solid	3546	
660-62560-7	Comp 6-1F	Total/NA	Solid	3546	
660-62560-8	Comp 6-2F	Total/NA	Solid	3546	
660-62560-9	Comp 6-3F	Total/NA	Solid	3546	
660-62560-10	Comp 7-1F	Total/NA	Solid	3546	
660-62560-11	Comp 7-2F	Total/NA	Solid	3546	
660-62560-12	Comp 7-3F	Total/NA	Solid	3546	
660-62560-13	Comp 7-4F	Total/NA	Solid	3546	
660-62560-14	Area 1 Coarse Comp	Total/NA	Solid	3546	
660-62560-15	Area 3 Coarse Comp	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Prep Batch: 347023 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-16	Area 5 Coarse Comp	Total/NA	Solid	3546	
660-62560-17	Area 6 Coarse Comp	Total/NA	Solid	3546	
660-62560-17 MS	Area 6 Coarse Comp	Total/NA	Solid	3546	
660-62560-17 MSD	Area 6 Coarse Comp	Total/NA	Solid	3546	
660-62560-18	Area 7 Coarse Comp	Total/NA	Solid	3546	
LCS 680-347023/20-A	Lab Control Sample	Total/NA	Solid	3546	
MB 680-347023/19-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 347628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-17	Area 6 Coarse Comp	Total/NA	Solid	8081B/8082A	347023
660-62560-17 MS	Area 6 Coarse Comp	Total/NA	Solid	8081B/8082A	347023
660-62560-17 MSD	Area 6 Coarse Comp	Total/NA	Solid	8081B/8082A	347023
LCS 680-347023/20-A	Lab Control Sample	Total/NA	Solid	8081B/8082A	347023
MB 680-347023/19-A	Method Blank	Total/NA	Solid	8081B/8082A	347023

Analysis Batch: 347658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	Total/NA	Solid	8081B/8082A	347023
660-62560-2	Comp 1-2F	Total/NA	Solid	8081B/8082A	347023
660-62560-3	Comp 1-3F	Total/NA	Solid	8081B/8082A	347023
660-62560-4	Comp 3-1F	Total/NA	Solid	8081B/8082A	347023
660-62560-5	Comp 5-1F	Total/NA	Solid	8081B/8082A	347023
660-62560-6	Comp 5-2F	Total/NA	Solid	8081B/8082A	347023
660-62560-7	Comp 6-1F	Total/NA	Solid	8081B/8082A	347023
660-62560-8	Comp 6-2F	Total/NA	Solid	8081B/8082A	347023
660-62560-9	Comp 6-3F	Total/NA	Solid	8081B/8082A	347023
660-62560-10	Comp 7-1F	Total/NA	Solid	8081B/8082A	347023
660-62560-11	Comp 7-2F	Total/NA	Solid	8081B/8082A	347023
660-62560-12	Comp 7-3F	Total/NA	Solid	8081B/8082A	347023
660-62560-13	Comp 7-4F	Total/NA	Solid	8081B/8082A	347023
660-62560-14	Area 1 Coarse Comp	Total/NA	Solid	8081B/8082A	347023
660-62560-15	Area 3 Coarse Comp	Total/NA	Solid	8081B/8082A	347023
660-62560-16	Area 5 Coarse Comp	Total/NA	Solid	8081B/8082A	347023
660-62560-18	Area 7 Coarse Comp	Total/NA	Solid	8081B/8082A	347023

Analysis Batch: 347663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	Total/NA	Solid	8081B/8082A	347023
660-62560-2	Comp 1-2F	Total/NA	Solid	8081B/8082A	347023
660-62560-3	Comp 1-3F	Total/NA	Solid	8081B/8082A	347023
660-62560-4	Comp 3-1F	Total/NA	Solid	8081B/8082A	347023
660-62560-5	Comp 5-1F	Total/NA	Solid	8081B/8082A	347023
660-62560-6	Comp 5-2F	Total/NA	Solid	8081B/8082A	347023
660-62560-7	Comp 6-1F	Total/NA	Solid	8081B/8082A	347023
660-62560-8	Comp 6-2F	Total/NA	Solid	8081B/8082A	347023
660-62560-9	Comp 6-3F	Total/NA	Solid	8081B/8082A	347023
660-62560-10	Comp 7-1F	Total/NA	Solid	8081B/8082A	347023
660-62560-11	Comp 7-2F	Total/NA	Solid	8081B/8082A	347023
660-62560-12	Comp 7-3F	Total/NA	Solid	8081B/8082A	347023
660-62560-13	Comp 7-4F	Total/NA	Solid	8081B/8082A	347023

GC Semi VOA (Continued)

Analysis Batch: 347663 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-14	Area 1 Coarse Comp	Total/NA	Solid	8081B/8082A	347023
660-62560-15	Area 3 Coarse Comp	Total/NA	Solid	8081B/8082A	347023
660-62560-16	Area 5 Coarse Comp	Total/NA	Solid	8081B/8082A	347023
660-62560-17	Area 6 Coarse Comp	Total/NA	Solid	8081B/8082A	347023
660-62560-17 MS	Area 6 Coarse Comp	Total/NA	Solid	8081B/8082A	347023
660-62560-17 MSD	Area 6 Coarse Comp	Total/NA	Solid	8081B/8082A	347023
660-62560-18	Area 7 Coarse Comp	Total/NA	Solid	8081B/8082A	347023

HPLC/IC

Leach Batch: 348131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	Soluble	Solid	DI Leach	
660-62560-2	Comp 1-2F	Soluble	Solid	DI Leach	
660-62560-3	Comp 1-3F	Soluble	Solid	DI Leach	
660-62560-4	Comp 3-1F	Soluble	Solid	DI Leach	
660-62560-5	Comp 5-1F	Soluble	Solid	DI Leach	
660-62560-6	Comp 5-2F	Soluble	Solid	DI Leach	
660-62560-7	Comp 6-1F	Soluble	Solid	DI Leach	
660-62560-8	Comp 6-2F	Soluble	Solid	DI Leach	
660-62560-8 MS	Comp 6-2F	Soluble	Solid	DI Leach	
660-62560-8 MSD	Comp 6-2F	Soluble	Solid	DI Leach	
660-62560-9	Comp 6-3F	Soluble	Solid	DI Leach	
660-62560-10	Comp 7-1F	Soluble	Solid	DI Leach	
660-62560-11	Comp 7-2F	Soluble	Solid	DI Leach	
660-62560-12	Comp 7-3F	Soluble	Solid	DI Leach	
660-62560-13	Comp 7-4F	Soluble	Solid	DI Leach	
660-62560-14	Area 1 Coarse Comp	Soluble	Solid	DI Leach	
660-62560-15	Area 3 Coarse Comp	Soluble	Solid	DI Leach	
660-62560-16	Area 5 Coarse Comp	Soluble	Solid	DI Leach	
660-62560-16 MS	Area 5 Coarse Comp	Soluble	Solid	DI Leach	
660-62560-16 MSD	Area 5 Coarse Comp	Soluble	Solid	DI Leach	
LCS 680-348131/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 680-348131/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
MB 680-348131/1-A	Method Blank	Soluble	Solid	DI Leach	

Leach Batch: 348135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-17	Area 6 Coarse Comp	Soluble	Solid	DI Leach	
660-62560-18	Area 7 Coarse Comp	Soluble	Solid	DI Leach	
680-105023-D-3-C MS	Matrix Spike	Soluble	Solid	DI Leach	
680-105023-D-3-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
LCS 680-348135/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 680-348135/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
MB 680-348135/1-A	Method Blank	Soluble	Solid	DI Leach	

Analysis Batch: 348244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	Soluble	Solid	9056A	348131
660-62560-2	Comp 1-2F	Soluble	Solid	9056A	348131

HPLC/IC (Continued)

Analysis Batch: 348244 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-3	Comp 1-3F	Soluble	Solid	9056A	348131
660-62560-4	Comp 3-1F	Soluble	Solid	9056A	348131
660-62560-5	Comp 5-1F	Soluble	Solid	9056A	348131
660-62560-6	Comp 5-2F	Soluble	Solid	9056A	348131
660-62560-7	Comp 6-1F	Soluble	Solid	9056A	348131
660-62560-8	Comp 6-2F	Soluble	Solid	9056A	348131
660-62560-8 MS	Comp 6-2F	Soluble	Solid	9056A	348131
660-62560-8 MSD	Comp 6-2F	Soluble	Solid	9056A	348131
660-62560-9	Comp 6-3F	Soluble	Solid	9056A	348131
660-62560-10	Comp 7-1F	Soluble	Solid	9056A	348131
660-62560-11	Comp 7-2F	Soluble	Solid	9056A	348131
660-62560-12	Comp 7-3F	Soluble	Solid	9056A	348131
660-62560-13	Comp 7-4F	Soluble	Solid	9056A	348131
660-62560-14	Area 1 Coarse Comp	Soluble	Solid	9056A	348131
660-62560-15	Area 3 Coarse Comp	Soluble	Solid	9056A	348131
660-62560-16	Area 5 Coarse Comp	Soluble	Solid	9056A	348131
660-62560-16 MS	Area 5 Coarse Comp	Soluble	Solid	9056A	348131
660-62560-16 MSD	Area 5 Coarse Comp	Soluble	Solid	9056A	348131
LCS 680-348131/2-A	Lab Control Sample	Soluble	Solid	9056A	348131
LCSD 680-348131/3-A	Lab Control Sample Dup	Soluble	Solid	9056A	348131
MB 680-348131/1-A	Method Blank	Soluble	Solid	9056A	348131

Analysis Batch: 348268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-17	Area 6 Coarse Comp	Soluble	Solid	9056A	348135
660-62560-18	Area 7 Coarse Comp	Soluble	Solid	9056A	348135
680-105023-D-3-C MS	Matrix Spike	Soluble	Solid	9056A	348135
680-105023-D-3-D MSD	Matrix Spike Duplicate	Soluble	Solid	9056A	348135
LCS 680-348135/2-A	Lab Control Sample	Soluble	Solid	9056A	348135
LCSD 680-348135/3-A	Lab Control Sample Dup	Soluble	Solid	9056A	348135
MB 680-348135/1-A	Method Blank	Soluble	Solid	9056A	348135

Metals

Leach Batch: 346779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-104717-C-1-O MS	Matrix Spike	TCLP	Solid	1311	
680-104717-C-1-P MSD	Matrix Spike Duplicate	TCLP	Solid	1311	
LB 680-346779/1-E	Method Blank	Total/NA	Solid	1311	

Prep Batch: 346824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	Total/NA	Solid	3050B	
660-62560-1 MS	Comp 1-1F	Total/NA	Solid	3050B	
660-62560-1 MSD	Comp 1-1F	Total/NA	Solid	3050B	
660-62560-2	Comp 1-2F	Total/NA	Solid	3050B	
660-62560-3	Comp 1-3F	Total/NA	Solid	3050B	
660-62560-4	Comp 3-1F	Total/NA	Solid	3050B	
660-62560-5	Comp 5-1F	Total/NA	Solid	3050B	
660-62560-6	Comp 5-2F	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 346824 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-7	Comp 6-1F	Total/NA	Solid	3050B	
660-62560-8	Comp 6-2F	Total/NA	Solid	3050B	
660-62560-9	Comp 6-3F	Total/NA	Solid	3050B	
660-62560-10	Comp 7-1F	Total/NA	Solid	3050B	
660-62560-11	Comp 7-2F	Total/NA	Solid	3050B	
660-62560-12	Comp 7-3F	Total/NA	Solid	3050B	
660-62560-13	Comp 7-4F	Total/NA	Solid	3050B	
660-62560-14	Area 1 Coarse Comp	Total/NA	Solid	3050B	
660-62560-15	Area 3 Coarse Comp	Total/NA	Solid	3050B	
660-62560-16	Area 5 Coarse Comp	Total/NA	Solid	3050B	
660-62560-17	Area 6 Coarse Comp	Total/NA	Solid	3050B	
660-62560-18	Area 7 Coarse Comp	Total/NA	Solid	3050B	
LCS 680-346824/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 680-346824/1-A	Method Blank	Total/NA	Solid	3050B	

Leach Batch: 347206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	SPLP East	Solid	1312	
660-62560-2	Comp 1-2F	SPLP East	Solid	1312	
660-62560-3	Comp 1-3F	SPLP East	Solid	1312	
660-62560-4	Comp 3-1F	SPLP East	Solid	1312	
660-62560-5	Comp 5-1F	SPLP East	Solid	1312	
660-62560-6	Comp 5-2F	SPLP East	Solid	1312	
660-62560-7	Comp 6-1F	SPLP East	Solid	1312	
660-62560-8	Comp 6-2F	SPLP East	Solid	1312	
660-62560-9	Comp 6-3F	SPLP East	Solid	1312	
660-62560-10	Comp 7-1F	SPLP East	Solid	1312	
660-62560-11	Comp 7-2F	SPLP East	Solid	1312	
660-62560-11 MS	Comp 7-2F	SPLP East	Solid	1312	
660-62560-11 MSD	Comp 7-2F	SPLP East	Solid	1312	
LB1 680-347206/14-C	Method Blank	SPLP East	Solid	1312	

Prep Batch: 347327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	Total/NA	Solid	7471A	
660-62560-1 MS	Comp 1-1F	Total/NA	Solid	7471A	
660-62560-1 MSD	Comp 1-1F	Total/NA	Solid	7471A	
660-62560-2	Comp 1-2F	Total/NA	Solid	7471A	
660-62560-3	Comp 1-3F	Total/NA	Solid	7471A	
660-62560-4	Comp 3-1F	Total/NA	Solid	7471A	
660-62560-5	Comp 5-1F	Total/NA	Solid	7471A	
660-62560-6	Comp 5-2F	Total/NA	Solid	7471A	
660-62560-7	Comp 6-1F	Total/NA	Solid	7471A	
660-62560-8	Comp 6-2F	Total/NA	Solid	7471A	
660-62560-9	Comp 6-3F	Total/NA	Solid	7471A	
660-62560-10	Comp 7-1F	Total/NA	Solid	7471A	
660-62560-11	Comp 7-2F	Total/NA	Solid	7471A	
660-62560-12	Comp 7-3F	Total/NA	Solid	7471A	
660-62560-13	Comp 7-4F	Total/NA	Solid	7471A	
660-62560-14	Area 1 Coarse Comp	Total/NA	Solid	7471A	
660-62560-15	Area 3 Coarse Comp	Total/NA	Solid	7471A	

Metals (Continued)

Prep Batch: 347327 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-16	Area 5 Coarse Comp	Total/NA	Solid	7471A	
660-62560-17	Area 6 Coarse Comp	Total/NA	Solid	7471A	
660-62560-18	Area 7 Coarse Comp	Total/NA	Solid	7471A	
680-104717-C-1-O MS	Matrix Spike	TCLP	Solid	7471A	346779
680-104717-C-1-P MSD	Matrix Spike Duplicate	TCLP	Solid	7471A	346779
LB 680-346779/1-E	Method Blank	Total/NA	Solid	7471A	346779
LCS 680-347327/14-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 680-347327/13-A	Method Blank	Total/NA	Solid	7471A	

Leach Batch: 347443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-12	Comp 7-3F	SPLP East	Solid	1312	
660-62560-12	Comp 7-3F	SPLP East	Solid	1312	
660-62560-12 MS	Comp 7-3F	SPLP East	Solid	1312	
660-62560-12 MS	Comp 7-3F	SPLP East	Solid	1312	
660-62560-12 MSD	Comp 7-3F	SPLP East	Solid	1312	
660-62560-12 MSD	Comp 7-3F	SPLP East	Solid	1312	
660-62560-13	Comp 7-4F	SPLP East	Solid	1312	
660-62560-13	Comp 7-4F	SPLP East	Solid	1312	
660-62560-14	Area 1 Coarse Comp	SPLP East	Solid	1312	
660-62560-14	Area 1 Coarse Comp	SPLP East	Solid	1312	
660-62560-15	Area 3 Coarse Comp	SPLP East	Solid	1312	
660-62560-15	Area 3 Coarse Comp	SPLP East	Solid	1312	
660-62560-16	Area 5 Coarse Comp	SPLP East	Solid	1312	
660-62560-16	Area 5 Coarse Comp	SPLP East	Solid	1312	
660-62560-17	Area 6 Coarse Comp	SPLP East	Solid	1312	
660-62560-17	Area 6 Coarse Comp	SPLP East	Solid	1312	
660-62560-18	Area 7 Coarse Comp	SPLP East	Solid	1312	
660-62560-18	Area 7 Coarse Comp	SPLP East	Solid	1312	
LB2 680-347443/2-C	Method Blank	SPLP East	Solid	1312	

Analysis Batch: 347599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	Total/NA	Solid	7471A	347327
660-62560-1 MS	Comp 1-1F	Total/NA	Solid	7471A	347327
660-62560-1 MSD	Comp 1-1F	Total/NA	Solid	7471A	347327
660-62560-2	Comp 1-2F	Total/NA	Solid	7471A	347327
660-62560-3	Comp 1-3F	Total/NA	Solid	7471A	347327
660-62560-4	Comp 3-1F	Total/NA	Solid	7471A	347327
660-62560-5	Comp 5-1F	Total/NA	Solid	7471A	347327
660-62560-6	Comp 5-2F	Total/NA	Solid	7471A	347327
660-62560-7	Comp 6-1F	Total/NA	Solid	7471A	347327
660-62560-8	Comp 6-2F	Total/NA	Solid	7471A	347327
660-62560-9	Comp 6-3F	Total/NA	Solid	7471A	347327
660-62560-10	Comp 7-1F	Total/NA	Solid	7471A	347327
660-62560-11	Comp 7-2F	Total/NA	Solid	7471A	347327
660-62560-12	Comp 7-3F	Total/NA	Solid	7471A	347327
660-62560-13	Comp 7-4F	Total/NA	Solid	7471A	347327
660-62560-14	Area 1 Coarse Comp	Total/NA	Solid	7471A	347327
660-62560-15	Area 3 Coarse Comp	Total/NA	Solid	7471A	347327
660-62560-16	Area 5 Coarse Comp	Total/NA	Solid	7471A	347327

Metals (Continued)

Analysis Batch: 347599 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-17	Area 6 Coarse Comp	Total/NA	Solid	7471A	347327
660-62560-18	Area 7 Coarse Comp	Total/NA	Solid	7471A	347327
680-104717-C-1-O MS	Matrix Spike	TCLP	Solid	7471A	347327
680-104717-C-1-P MSD	Matrix Spike Duplicate	TCLP	Solid	7471A	347327
LB 680-346779/1-E	Method Blank	Total/NA	Solid	7471A	347327
LCS 680-347327/14-A	Lab Control Sample	Total/NA	Solid	7471A	347327
MB 680-347327/13-A	Method Blank	Total/NA	Solid	7471A	347327

Prep Batch: 347770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	SPLP East	Solid	3010A	347206
660-62560-2	Comp 1-2F	SPLP East	Solid	3010A	347206
660-62560-3	Comp 1-3F	SPLP East	Solid	3010A	347206
660-62560-4	Comp 3-1F	SPLP East	Solid	3010A	347206
660-62560-5	Comp 5-1F	SPLP East	Solid	3010A	347206
660-62560-6	Comp 5-2F	SPLP East	Solid	3010A	347206
660-62560-7	Comp 6-1F	SPLP East	Solid	3010A	347206
660-62560-8	Comp 6-2F	SPLP East	Solid	3010A	347206
660-62560-9	Comp 6-3F	SPLP East	Solid	3010A	347206
660-62560-10	Comp 7-1F	SPLP East	Solid	3010A	347206
660-62560-11	Comp 7-2F	SPLP East	Solid	3010A	347206
660-62560-11 MS	Comp 7-2F	SPLP East	Solid	3010A	347206
660-62560-11 MSD	Comp 7-2F	SPLP East	Solid	3010A	347206
LCS 680-347770/2-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 680-347770/1-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 347865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	SPLP East	Solid	7470A	347206
660-62560-2	Comp 1-2F	SPLP East	Solid	7470A	347206
660-62560-3	Comp 1-3F	SPLP East	Solid	7470A	347206
660-62560-4	Comp 3-1F	SPLP East	Solid	7470A	347206
660-62560-5	Comp 5-1F	SPLP East	Solid	7470A	347206
660-62560-6	Comp 5-2F	SPLP East	Solid	7470A	347206
660-62560-7	Comp 6-1F	SPLP East	Solid	7470A	347206
660-62560-8	Comp 6-2F	SPLP East	Solid	7470A	347206
660-62560-9	Comp 6-3F	SPLP East	Solid	7470A	347206
660-62560-10	Comp 7-1F	SPLP East	Solid	7470A	347206
660-62560-11	Comp 7-2F	SPLP East	Solid	7470A	347206
660-62560-11 MS	Comp 7-2F	SPLP East	Solid	7470A	347206
660-62560-11 MSD	Comp 7-2F	SPLP East	Solid	7470A	347206
LB1 680-347206/14-C	Method Blank	SPLP East	Solid	7470A	347206
LCS 680-347865/2-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 680-347865/1-A	Method Blank	Total/NA	Solid	7470A	

Prep Batch: 347879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-12	Comp 7-3F	SPLP East	Solid	7470A	347443
660-62560-12 MS	Comp 7-3F	SPLP East	Solid	7470A	347443
660-62560-12 MSD	Comp 7-3F	SPLP East	Solid	7470A	347443
660-62560-13	Comp 7-4F	SPLP East	Solid	7470A	347443

Metals (Continued)

Prep Batch: 347879 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-14	Area 1 Coarse Comp	SPLP East	Solid	7470A	347443
660-62560-15	Area 3 Coarse Comp	SPLP East	Solid	7470A	347443
660-62560-16	Area 5 Coarse Comp	SPLP East	Solid	7470A	347443
660-62560-17	Area 6 Coarse Comp	SPLP East	Solid	7470A	347443
660-62560-18	Area 7 Coarse Comp	SPLP East	Solid	7470A	347443
LB2 680-347443/2-C	Method Blank	SPLP East	Solid	7470A	347443
LCS 680-347879/2-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 680-347879/1-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 348073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	Total/NA	Solid	6020A	346824
660-62560-1 MS	Comp 1-1F	Total/NA	Solid	6020A	346824
660-62560-1 MSD	Comp 1-1F	Total/NA	Solid	6020A	346824
660-62560-2	Comp 1-2F	Total/NA	Solid	6020A	346824
660-62560-3	Comp 1-3F	Total/NA	Solid	6020A	346824
660-62560-4	Comp 3-1F	Total/NA	Solid	6020A	346824
660-62560-5	Comp 5-1F	Total/NA	Solid	6020A	346824
660-62560-6	Comp 5-2F	Total/NA	Solid	6020A	346824
660-62560-7	Comp 6-1F	Total/NA	Solid	6020A	346824
660-62560-8	Comp 6-2F	Total/NA	Solid	6020A	346824
660-62560-9	Comp 6-3F	Total/NA	Solid	6020A	346824
660-62560-10	Comp 7-1F	Total/NA	Solid	6020A	346824
660-62560-11	Comp 7-2F	Total/NA	Solid	6020A	346824
660-62560-12	Comp 7-3F	Total/NA	Solid	6020A	346824
660-62560-13	Comp 7-4F	Total/NA	Solid	6020A	346824
660-62560-14	Area 1 Coarse Comp	Total/NA	Solid	6020A	346824
660-62560-15	Area 3 Coarse Comp	Total/NA	Solid	6020A	346824
660-62560-16	Area 5 Coarse Comp	Total/NA	Solid	6020A	346824
660-62560-17	Area 6 Coarse Comp	Total/NA	Solid	6020A	346824
660-62560-18	Area 7 Coarse Comp	Total/NA	Solid	6020A	346824
LCS 680-346824/2-A	Lab Control Sample	Total/NA	Solid	6020A	346824
MB 680-346824/1-A	Method Blank	Total/NA	Solid	6020A	346824

Analysis Batch: 348149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	SPLP East	Solid	7470A	347865
660-62560-2	Comp 1-2F	SPLP East	Solid	7470A	347865
660-62560-3	Comp 1-3F	SPLP East	Solid	7470A	347865
660-62560-4	Comp 3-1F	SPLP East	Solid	7470A	347865
660-62560-5	Comp 5-1F	SPLP East	Solid	7470A	347865
660-62560-6	Comp 5-2F	SPLP East	Solid	7470A	347865
660-62560-7	Comp 6-1F	SPLP East	Solid	7470A	347865
660-62560-8	Comp 6-2F	SPLP East	Solid	7470A	347865
660-62560-9	Comp 6-3F	SPLP East	Solid	7470A	347865
660-62560-10	Comp 7-1F	SPLP East	Solid	7470A	347865
660-62560-11	Comp 7-2F	SPLP East	Solid	7470A	347865
660-62560-11 MS	Comp 7-2F	SPLP East	Solid	7470A	347865
660-62560-11 MSD	Comp 7-2F	SPLP East	Solid	7470A	347865
660-62560-12	Comp 7-3F	SPLP East	Solid	7470A	347879
660-62560-12 MS	Comp 7-3F	SPLP East	Solid	7470A	347879

Metals (Continued)

Analysis Batch: 348149 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-12 MSD	Comp 7-3F	SPLP East	Solid	7470A	347879
660-62560-13	Comp 7-4F	SPLP East	Solid	7470A	347879
660-62560-14	Area 1 Coarse Comp	SPLP East	Solid	7470A	347879
660-62560-15	Area 3 Coarse Comp	SPLP East	Solid	7470A	347879
660-62560-16	Area 5 Coarse Comp	SPLP East	Solid	7470A	347879
660-62560-17	Area 6 Coarse Comp	SPLP East	Solid	7470A	347879
660-62560-18	Area 7 Coarse Comp	SPLP East	Solid	7470A	347879
LB1 680-347206/14-C	Method Blank	SPLP East	Solid	7470A	347865
LB2 680-347443/2-C	Method Blank	SPLP East	Solid	7470A	347879
LCS 680-347865/2-A	Lab Control Sample	Total/NA	Solid	7470A	347865
LCS 680-347879/2-A	Lab Control Sample	Total/NA	Solid	7470A	347879
MB 680-347865/1-A	Method Blank	Total/NA	Solid	7470A	347865
MB 680-347879/1-A	Method Blank	Total/NA	Solid	7470A	347879

Analysis Batch: 348758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	SPLP East	Solid	6020A	347770
660-62560-2	Comp 1-2F	SPLP East	Solid	6020A	347770
660-62560-3	Comp 1-3F	SPLP East	Solid	6020A	347770
660-62560-4	Comp 3-1F	SPLP East	Solid	6020A	347770
660-62560-5	Comp 5-1F	SPLP East	Solid	6020A	347770
660-62560-6	Comp 5-2F	SPLP East	Solid	6020A	347770
660-62560-7	Comp 6-1F	SPLP East	Solid	6020A	347770
660-62560-8	Comp 6-2F	SPLP East	Solid	6020A	347770
660-62560-9	Comp 6-3F	SPLP East	Solid	6020A	347770
660-62560-10	Comp 7-1F	SPLP East	Solid	6020A	347770
660-62560-11	Comp 7-2F	SPLP East	Solid	6020A	347770
660-62560-11 MS	Comp 7-2F	SPLP East	Solid	6020A	347770
660-62560-11 MSD	Comp 7-2F	SPLP East	Solid	6020A	347770
LCS 680-347770/2-A	Lab Control Sample	Total/NA	Solid	6020A	347770
MB 680-347770/1-A	Method Blank	Total/NA	Solid	6020A	347770

Prep Batch: 348770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-12	Comp 7-3F	SPLP East	Solid	3010A	347443
660-62560-12 MS	Comp 7-3F	SPLP East	Solid	3010A	347443
660-62560-12 MSD	Comp 7-3F	SPLP East	Solid	3010A	347443
660-62560-13	Comp 7-4F	SPLP East	Solid	3010A	347443
660-62560-14	Area 1 Coarse Comp	SPLP East	Solid	3010A	347443
660-62560-15	Area 3 Coarse Comp	SPLP East	Solid	3010A	347443
660-62560-16	Area 5 Coarse Comp	SPLP East	Solid	3010A	347443
660-62560-17	Area 6 Coarse Comp	SPLP East	Solid	3010A	347443
660-62560-18	Area 7 Coarse Comp	SPLP East	Solid	3010A	347443
LB2 680-348770/3-A	Method Blank	Total/NA	Solid	3010A	
LCS 680-348770/2-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 680-348770/1-A	Method Blank	Total/NA	Solid	3010A	

Analysis Batch: 348928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-12	Comp 7-3F	SPLP East	Solid	6020A	348770
660-62560-12 MS	Comp 7-3F	SPLP East	Solid	6020A	348770

Metals (Continued)

Analysis Batch: 348928 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-12 MSD	Comp 7-3F	SPLP East	Solid	6020A	348770
660-62560-13	Comp 7-4F	SPLP East	Solid	6020A	348770
660-62560-14	Area 1 Coarse Comp	SPLP East	Solid	6020A	348770
660-62560-15	Area 3 Coarse Comp	SPLP East	Solid	6020A	348770
660-62560-16	Area 5 Coarse Comp	SPLP East	Solid	6020A	348770
660-62560-17	Area 6 Coarse Comp	SPLP East	Solid	6020A	348770
660-62560-18	Area 7 Coarse Comp	SPLP East	Solid	6020A	348770
LB2 680-348770/3-A	Method Blank	Total/NA	Solid	6020A	348770
LCS 680-348770/2-A	Lab Control Sample	Total/NA	Solid	6020A	348770
MB 680-348770/1-A	Method Blank	Total/NA	Solid	6020A	348770

General Chemistry

Analysis Batch: 346748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	Total/NA	Solid	Moisture	
660-62560-2	Comp 1-2F	Total/NA	Solid	Moisture	
660-62560-3	Comp 1-3F	Total/NA	Solid	Moisture	
660-62560-4	Comp 3-1F	Total/NA	Solid	Moisture	
660-62560-5	Comp 5-1F	Total/NA	Solid	Moisture	
660-62560-6	Comp 5-2F	Total/NA	Solid	Moisture	
660-62560-7	Comp 6-1F	Total/NA	Solid	Moisture	
660-62560-8	Comp 6-2F	Total/NA	Solid	Moisture	
660-62560-9	Comp 6-3F	Total/NA	Solid	Moisture	
660-62560-10	Comp 7-1F	Total/NA	Solid	Moisture	
660-62560-11	Comp 7-2F	Total/NA	Solid	Moisture	
660-62560-12	Comp 7-3F	Total/NA	Solid	Moisture	
660-62560-13	Comp 7-4F	Total/NA	Solid	Moisture	
660-62560-14	Area 1 Coarse Comp	Total/NA	Solid	Moisture	
660-62560-15	Area 3 Coarse Comp	Total/NA	Solid	Moisture	
660-62560-16	Area 5 Coarse Comp	Total/NA	Solid	Moisture	
660-62560-17	Area 6 Coarse Comp	Total/NA	Solid	Moisture	
660-62560-18	Area 7 Coarse Comp	Total/NA	Solid	Moisture	

Prep Batch: 346812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	Total/NA	Solid	9012B	
660-62560-2	Comp 1-2F	Total/NA	Solid	9012B	
660-62560-3	Comp 1-3F	Total/NA	Solid	9012B	
660-62560-4	Comp 3-1F	Total/NA	Solid	9012B	
660-62560-5	Comp 5-1F	Total/NA	Solid	9012B	
660-62560-5 MS	Comp 5-1F	Total/NA	Solid	9012B	
660-62560-5 MSD	Comp 5-1F	Total/NA	Solid	9012B	
660-62560-6	Comp 5-2F	Total/NA	Solid	9012B	
660-62560-7	Comp 6-1F	Total/NA	Solid	9012B	
660-62560-8	Comp 6-2F	Total/NA	Solid	9012B	
660-62560-9	Comp 6-3F	Total/NA	Solid	9012B	
660-62560-10	Comp 7-1F	Total/NA	Solid	9012B	
660-62560-11	Comp 7-2F	Total/NA	Solid	9012B	
660-62560-12	Comp 7-3F	Total/NA	Solid	9012B	

General Chemistry (Continued)

Prep Batch: 346812 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-13	Comp 7-4F	Total/NA	Solid	9012B	
660-62560-14	Area 1 Coarse Comp	Total/NA	Solid	9012B	
660-62560-15	Area 3 Coarse Comp	Total/NA	Solid	9012B	
660-62560-16	Area 5 Coarse Comp	Total/NA	Solid	9012B	
660-62560-17	Area 6 Coarse Comp	Total/NA	Solid	9012B	
660-62560-18	Area 7 Coarse Comp	Total/NA	Solid	9012B	
680-104811-B-1-B DU	Duplicate	Total/NA	Solid	9012B	
LCS 680-346812/2-A	Lab Control Sample	Total/NA	Solid	9012B	
LCSD 680-346812/3-A	Lab Control Sample Dup	Total/NA	Solid	9012B	
MB 680-346812/1-A	Method Blank	Total/NA	Solid	9012B	

Prep Batch: 346842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	Total/NA	Solid	Distill/Phenol	
660-62560-1 MS	Comp 1-1F	Total/NA	Solid	Distill/Phenol	
660-62560-1 MSD	Comp 1-1F	Total/NA	Solid	Distill/Phenol	
660-62560-2	Comp 1-2F	Total/NA	Solid	Distill/Phenol	
660-62560-2 MS	Comp 1-2F	Total/NA	Solid	Distill/Phenol	
660-62560-2 MSD	Comp 1-2F	Total/NA	Solid	Distill/Phenol	
660-62560-3	Comp 1-3F	Total/NA	Solid	Distill/Phenol	
660-62560-4	Comp 3-1F	Total/NA	Solid	Distill/Phenol	
660-62560-5	Comp 5-1F	Total/NA	Solid	Distill/Phenol	
660-62560-6	Comp 5-2F	Total/NA	Solid	Distill/Phenol	
660-62560-7	Comp 6-1F	Total/NA	Solid	Distill/Phenol	
660-62560-8	Comp 6-2F	Total/NA	Solid	Distill/Phenol	
660-62560-9	Comp 6-3F	Total/NA	Solid	Distill/Phenol	
660-62560-10	Comp 7-1F	Total/NA	Solid	Distill/Phenol	
660-62560-11	Comp 7-2F	Total/NA	Solid	Distill/Phenol	
660-62560-12	Comp 7-3F	Total/NA	Solid	Distill/Phenol	
660-62560-13	Comp 7-4F	Total/NA	Solid	Distill/Phenol	
660-62560-14	Area 1 Coarse Comp	Total/NA	Solid	Distill/Phenol	
660-62560-15	Area 3 Coarse Comp	Total/NA	Solid	Distill/Phenol	
660-62560-16	Area 5 Coarse Comp	Total/NA	Solid	Distill/Phenol	
660-62560-17	Area 6 Coarse Comp	Total/NA	Solid	Distill/Phenol	
660-62560-18	Area 7 Coarse Comp	Total/NA	Solid	Distill/Phenol	
LCS 680-346842/2-A	Lab Control Sample	Total/NA	Solid	Distill/Phenol	
MB 680-346842/1-A	Method Blank	Total/NA	Solid	Distill/Phenol	

Analysis Batch: 346936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	Total/NA	Solid	9012B	346812
660-62560-2	Comp 1-2F	Total/NA	Solid	9012B	346812
660-62560-3	Comp 1-3F	Total/NA	Solid	9012B	346812
660-62560-4	Comp 3-1F	Total/NA	Solid	9012B	346812
660-62560-5	Comp 5-1F	Total/NA	Solid	9012B	346812
660-62560-5 MS	Comp 5-1F	Total/NA	Solid	9012B	346812
660-62560-5 MSD	Comp 5-1F	Total/NA	Solid	9012B	346812
660-62560-6	Comp 5-2F	Total/NA	Solid	9012B	346812
660-62560-7	Comp 6-1F	Total/NA	Solid	9012B	346812
660-62560-8	Comp 6-2F	Total/NA	Solid	9012B	346812
660-62560-9	Comp 6-3F	Total/NA	Solid	9012B	346812

General Chemistry (Continued)

Analysis Batch: 346936 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-10	Comp 7-1F	Total/NA	Solid	9012B	346812
660-62560-11	Comp 7-2F	Total/NA	Solid	9012B	346812
660-62560-12	Comp 7-3F	Total/NA	Solid	9012B	346812
660-62560-13	Comp 7-4F	Total/NA	Solid	9012B	346812
660-62560-14	Area 1 Coarse Comp	Total/NA	Solid	9012B	346812
660-62560-15	Area 3 Coarse Comp	Total/NA	Solid	9012B	346812
660-62560-16	Area 5 Coarse Comp	Total/NA	Solid	9012B	346812
660-62560-17	Area 6 Coarse Comp	Total/NA	Solid	9012B	346812
660-62560-18	Area 7 Coarse Comp	Total/NA	Solid	9012B	346812
680-104811-B-1-B DU	Duplicate	Total/NA	Solid	9012B	346812
LCS 680-346812/2-A	Lab Control Sample	Total/NA	Solid	9012B	346812
LCSD 680-346812/3-A	Lab Control Sample Dup	Total/NA	Solid	9012B	346812
MB 680-346812/1-A	Method Blank	Total/NA	Solid	9012B	346812

Analysis Batch: 347000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	Total/NA	Solid	9065	346842
660-62560-1 MS	Comp 1-1F	Total/NA	Solid	9065	346842
660-62560-1 MSD	Comp 1-1F	Total/NA	Solid	9065	346842
660-62560-2	Comp 1-2F	Total/NA	Solid	9065	346842
660-62560-2 MS	Comp 1-2F	Total/NA	Solid	9065	346842
660-62560-2 MSD	Comp 1-2F	Total/NA	Solid	9065	346842
660-62560-3	Comp 1-3F	Total/NA	Solid	9065	346842
660-62560-4	Comp 3-1F	Total/NA	Solid	9065	346842
660-62560-5	Comp 5-1F	Total/NA	Solid	9065	346842
660-62560-6	Comp 5-2F	Total/NA	Solid	9065	346842
660-62560-7	Comp 6-1F	Total/NA	Solid	9065	346842
660-62560-8	Comp 6-2F	Total/NA	Solid	9065	346842
660-62560-9	Comp 6-3F	Total/NA	Solid	9065	346842
660-62560-10	Comp 7-1F	Total/NA	Solid	9065	346842
660-62560-11	Comp 7-2F	Total/NA	Solid	9065	346842
660-62560-12	Comp 7-3F	Total/NA	Solid	9065	346842
660-62560-13	Comp 7-4F	Total/NA	Solid	9065	346842
660-62560-14	Area 1 Coarse Comp	Total/NA	Solid	9065	346842
660-62560-15	Area 3 Coarse Comp	Total/NA	Solid	9065	346842
660-62560-16	Area 5 Coarse Comp	Total/NA	Solid	9065	346842
660-62560-17	Area 6 Coarse Comp	Total/NA	Solid	9065	346842
660-62560-18	Area 7 Coarse Comp	Total/NA	Solid	9065	346842
LCS 680-346842/2-A	Lab Control Sample	Total/NA	Solid	9065	346842
MB 680-346842/1-A	Method Blank	Total/NA	Solid	9065	346842

Leach Batch: 347153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	Soluble	Solid	DI Leach	
660-62560-1 MS	Comp 1-1F	Soluble	Solid	DI Leach	
660-62560-1 MSD	Comp 1-1F	Soluble	Solid	DI Leach	
660-62560-2	Comp 1-2F	Soluble	Solid	DI Leach	
660-62560-2 DU	Comp 1-2F	Soluble	Solid	DI Leach	
660-62560-3	Comp 1-3F	Soluble	Solid	DI Leach	
660-62560-4	Comp 3-1F	Soluble	Solid	DI Leach	
660-62560-5	Comp 5-1F	Soluble	Solid	DI Leach	

General Chemistry (Continued)

Leach Batch: 347153 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-6	Comp 5-2F	Soluble	Solid	DI Leach	
660-62560-7	Comp 6-1F	Soluble	Solid	DI Leach	
660-62560-8	Comp 6-2F	Soluble	Solid	DI Leach	
660-62560-9	Comp 6-3F	Soluble	Solid	DI Leach	
660-62560-10	Comp 7-1F	Soluble	Solid	DI Leach	
660-62560-11	Comp 7-2F	Soluble	Solid	DI Leach	
660-62560-12	Comp 7-3F	Soluble	Solid	DI Leach	
660-62560-13	Comp 7-4F	Soluble	Solid	DI Leach	
660-62560-14	Area 1 Coarse Comp	Soluble	Solid	DI Leach	
660-62560-15	Area 3 Coarse Comp	Soluble	Solid	DI Leach	
660-62560-16	Area 5 Coarse Comp	Soluble	Solid	DI Leach	
660-62560-17	Area 6 Coarse Comp	Soluble	Solid	DI Leach	
660-62560-18	Area 7 Coarse Comp	Soluble	Solid	DI Leach	
LCS 680-347153/1-A	Lab Control Sample	Soluble	Solid	DI Leach	
MB 680-347153/2-A	Method Blank	Soluble	Solid	DI Leach	

Analysis Batch: 347245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	Soluble	Solid	353.2	347153
660-62560-1 MS	Comp 1-1F	Soluble	Solid	353.2	347153
660-62560-1 MSD	Comp 1-1F	Soluble	Solid	353.2	347153
660-62560-2	Comp 1-2F	Soluble	Solid	353.2	347153
660-62560-2 DU	Comp 1-2F	Soluble	Solid	353.2	347153
660-62560-3	Comp 1-3F	Soluble	Solid	353.2	347153
660-62560-4	Comp 3-1F	Soluble	Solid	353.2	347153
660-62560-5	Comp 5-1F	Soluble	Solid	353.2	347153
660-62560-6	Comp 5-2F	Soluble	Solid	353.2	347153
660-62560-7	Comp 6-1F	Soluble	Solid	353.2	347153
660-62560-8	Comp 6-2F	Soluble	Solid	353.2	347153
660-62560-9	Comp 6-3F	Soluble	Solid	353.2	347153
660-62560-10	Comp 7-1F	Soluble	Solid	353.2	347153
660-62560-11	Comp 7-2F	Soluble	Solid	353.2	347153
660-62560-12	Comp 7-3F	Soluble	Solid	353.2	347153
660-62560-13	Comp 7-4F	Soluble	Solid	353.2	347153
660-62560-14	Area 1 Coarse Comp	Soluble	Solid	353.2	347153
660-62560-15	Area 3 Coarse Comp	Soluble	Solid	353.2	347153
660-62560-16	Area 5 Coarse Comp	Soluble	Solid	353.2	347153
660-62560-17	Area 6 Coarse Comp	Soluble	Solid	353.2	347153
660-62560-18	Area 7 Coarse Comp	Soluble	Solid	353.2	347153
LCS 680-347153/1-A	Lab Control Sample	Soluble	Solid	353.2	347153
MB 680-347153/2-A	Method Blank	Soluble	Solid	353.2	347153

Prep Batch: 347605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	Total/NA	Solid	3-154	
660-62560-2	Comp 1-2F	Total/NA	Solid	3-154	
660-62560-2 MS	Comp 1-2F	Total/NA	Solid	3-154	
660-62560-2 MSD	Comp 1-2F	Total/NA	Solid	3-154	
660-62560-3	Comp 1-3F	Total/NA	Solid	3-154	
660-62560-4	Comp 3-1F	Total/NA	Solid	3-154	
660-62560-5	Comp 5-1F	Total/NA	Solid	3-154	

General Chemistry (Continued)

Prep Batch: 347605 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-6	Comp 5-2F	Total/NA	Solid	3-154	
660-62560-7	Comp 6-1F	Total/NA	Solid	3-154	
660-62560-8	Comp 6-2F	Total/NA	Solid	3-154	
660-62560-9	Comp 6-3F	Total/NA	Solid	3-154	
660-62560-10	Comp 7-1F	Total/NA	Solid	3-154	
660-62560-11	Comp 7-2F	Total/NA	Solid	3-154	
660-62560-12	Comp 7-3F	Total/NA	Solid	3-154	
660-62560-12 DU	Comp 7-3F	Total/NA	Solid	3-154	
660-62560-13	Comp 7-4F	Total/NA	Solid	3-154	
660-62560-14	Area 1 Coarse Comp	Total/NA	Solid	3-154	
660-62560-15	Area 3 Coarse Comp	Total/NA	Solid	3-154	
660-62560-16	Area 5 Coarse Comp	Total/NA	Solid	3-154	
660-62560-17	Area 6 Coarse Comp	Total/NA	Solid	3-154	
660-62560-18	Area 7 Coarse Comp	Total/NA	Solid	3-154	
LCS 680-347605/2-A	Lab Control Sample	Total/NA	Solid	3-154	
MB 680-347605/1-A	Method Blank	Total/NA	Solid	3-154	

Analysis Batch: 347696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	Total/NA	Solid	350.1	347605
660-62560-2	Comp 1-2F	Total/NA	Solid	350.1	347605
660-62560-2 MS	Comp 1-2F	Total/NA	Solid	350.1	347605
660-62560-2 MSD	Comp 1-2F	Total/NA	Solid	350.1	347605
660-62560-3	Comp 1-3F	Total/NA	Solid	350.1	347605
660-62560-4	Comp 3-1F	Total/NA	Solid	350.1	347605
660-62560-5	Comp 5-1F	Total/NA	Solid	350.1	347605
660-62560-6	Comp 5-2F	Total/NA	Solid	350.1	347605
660-62560-7	Comp 6-1F	Total/NA	Solid	350.1	347605
660-62560-8	Comp 6-2F	Total/NA	Solid	350.1	347605
660-62560-9	Comp 6-3F	Total/NA	Solid	350.1	347605
660-62560-10	Comp 7-1F	Total/NA	Solid	350.1	347605
660-62560-11	Comp 7-2F	Total/NA	Solid	350.1	347605
660-62560-12	Comp 7-3F	Total/NA	Solid	350.1	347605
660-62560-12 DU	Comp 7-3F	Total/NA	Solid	350.1	347605
660-62560-13	Comp 7-4F	Total/NA	Solid	350.1	347605
660-62560-14	Area 1 Coarse Comp	Total/NA	Solid	350.1	347605
660-62560-15	Area 3 Coarse Comp	Total/NA	Solid	350.1	347605
660-62560-16	Area 5 Coarse Comp	Total/NA	Solid	350.1	347605
660-62560-17	Area 6 Coarse Comp	Total/NA	Solid	350.1	347605
660-62560-18	Area 7 Coarse Comp	Total/NA	Solid	350.1	347605
LCS 680-347605/2-A	Lab Control Sample	Total/NA	Solid	350.1	347605
MB 680-347605/1-A	Method Blank	Total/NA	Solid	350.1	347605

Prep Batch: 348059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	Total/NA	Solid	Digestion	
660-62560-1 MS	Comp 1-1F	Total/NA	Solid	Digestion	
660-62560-1 MSD	Comp 1-1F	Total/NA	Solid	Digestion	
660-62560-2	Comp 1-2F	Total/NA	Solid	Digestion	
660-62560-2 DU	Comp 1-2F	Total/NA	Solid	Digestion	
660-62560-3	Comp 1-3F	Total/NA	Solid	Digestion	

General Chemistry (Continued)

Prep Batch: 348059 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-4	Comp 3-1F	Total/NA	Solid	Digestion	
660-62560-5	Comp 5-1F	Total/NA	Solid	Digestion	
660-62560-6	Comp 5-2F	Total/NA	Solid	Digestion	
660-62560-7	Comp 6-1F	Total/NA	Solid	Digestion	
660-62560-8	Comp 6-2F	Total/NA	Solid	Digestion	
660-62560-9	Comp 6-3F	Total/NA	Solid	Digestion	
660-62560-10	Comp 7-1F	Total/NA	Solid	Digestion	
660-62560-11	Comp 7-2F	Total/NA	Solid	Digestion	
660-62560-12	Comp 7-3F	Total/NA	Solid	Digestion	
660-62560-13	Comp 7-4F	Total/NA	Solid	Digestion	
660-62560-14	Area 1 Coarse Comp	Total/NA	Solid	Digestion	
660-62560-15	Area 3 Coarse Comp	Total/NA	Solid	Digestion	
660-62560-16	Area 5 Coarse Comp	Total/NA	Solid	Digestion	
660-62560-17	Area 6 Coarse Comp	Total/NA	Solid	Digestion	
660-62560-18	Area 7 Coarse Comp	Total/NA	Solid	Digestion	
LCS 680-348059/1-A	Lab Control Sample	Total/NA	Solid	Digestion	
MB 680-348059/2-A	Method Blank	Total/NA	Solid	Digestion	

Analysis Batch: 348279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	Total/NA	Solid	365.4	348059
660-62560-1 MS	Comp 1-1F	Total/NA	Solid	365.4	348059
660-62560-1 MSD	Comp 1-1F	Total/NA	Solid	365.4	348059
660-62560-2	Comp 1-2F	Total/NA	Solid	365.4	348059
660-62560-2 DU	Comp 1-2F	Total/NA	Solid	365.4	348059
660-62560-3	Comp 1-3F	Total/NA	Solid	365.4	348059
660-62560-4	Comp 3-1F	Total/NA	Solid	365.4	348059
660-62560-5	Comp 5-1F	Total/NA	Solid	365.4	348059
660-62560-6	Comp 5-2F	Total/NA	Solid	365.4	348059
660-62560-7	Comp 6-1F	Total/NA	Solid	365.4	348059
660-62560-8	Comp 6-2F	Total/NA	Solid	365.4	348059
660-62560-9	Comp 6-3F	Total/NA	Solid	365.4	348059
660-62560-10	Comp 7-1F	Total/NA	Solid	365.4	348059
660-62560-11	Comp 7-2F	Total/NA	Solid	365.4	348059
660-62560-12	Comp 7-3F	Total/NA	Solid	365.4	348059
660-62560-13	Comp 7-4F	Total/NA	Solid	365.4	348059
660-62560-14	Area 1 Coarse Comp	Total/NA	Solid	365.4	348059
660-62560-15	Area 3 Coarse Comp	Total/NA	Solid	365.4	348059
660-62560-16	Area 5 Coarse Comp	Total/NA	Solid	365.4	348059
660-62560-17	Area 6 Coarse Comp	Total/NA	Solid	365.4	348059
660-62560-18	Area 7 Coarse Comp	Total/NA	Solid	365.4	348059
LCS 680-348059/1-A	Lab Control Sample	Total/NA	Solid	365.4	348059
MB 680-348059/2-A	Method Blank	Total/NA	Solid	365.4	348059

Analysis Batch: 348280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-1	Comp 1-1F	Total/NA	Solid	351.2	348059
660-62560-1 MS	Comp 1-1F	Total/NA	Solid	351.2	348059
660-62560-1 MSD	Comp 1-1F	Total/NA	Solid	351.2	348059
660-62560-3	Comp 1-3F	Total/NA	Solid	351.2	348059
660-62560-4	Comp 3-1F	Total/NA	Solid	351.2	348059

General Chemistry (Continued)

Analysis Batch: 348280 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-5	Comp 5-1F	Total/NA	Solid	351.2	348059
660-62560-6	Comp 5-2F	Total/NA	Solid	351.2	348059
660-62560-7	Comp 6-1F	Total/NA	Solid	351.2	348059
660-62560-8	Comp 6-2F	Total/NA	Solid	351.2	348059
660-62560-9	Comp 6-3F	Total/NA	Solid	351.2	348059
660-62560-10	Comp 7-1F	Total/NA	Solid	351.2	348059
660-62560-11	Comp 7-2F	Total/NA	Solid	351.2	348059
660-62560-12	Comp 7-3F	Total/NA	Solid	351.2	348059
660-62560-13	Comp 7-4F	Total/NA	Solid	351.2	348059
660-62560-14	Area 1 Coarse Comp	Total/NA	Solid	351.2	348059
660-62560-15	Area 3 Coarse Comp	Total/NA	Solid	351.2	348059
660-62560-16	Area 5 Coarse Comp	Total/NA	Solid	351.2	348059
660-62560-17	Area 6 Coarse Comp	Total/NA	Solid	351.2	348059
660-62560-18	Area 7 Coarse Comp	Total/NA	Solid	351.2	348059
LCS 680-348059/1-A	Lab Control Sample	Total/NA	Solid	351.2	348059
MB 680-348059/2-A	Method Blank	Total/NA	Solid	351.2	348059

Prep Batch: 348375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-2	Comp 1-2F	Total/NA	Solid	Digestion	
660-62560-2 MS	Comp 1-2F	Total/NA	Solid	Digestion	
660-62560-2 MSD	Comp 1-2F	Total/NA	Solid	Digestion	
LCS 680-348375/1-A	Lab Control Sample	Total/NA	Solid	Digestion	
MB 680-348375/2-A	Method Blank	Total/NA	Solid	Digestion	

Analysis Batch: 348550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
660-62560-2	Comp 1-2F	Total/NA	Solid	351.2	348375
660-62560-2 MS	Comp 1-2F	Total/NA	Solid	351.2	348375
660-62560-2 MSD	Comp 1-2F	Total/NA	Solid	351.2	348375
LCS 680-348375/1-A	Lab Control Sample	Total/NA	Solid	351.2	348375
MB 680-348375/2-A	Method Blank	Total/NA	Solid	351.2	348375

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 1-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			347851	09/08/14 15:35	JDS	TAL SAV
SPLP	Analysis	8260B		1	348864	09/15/14 14:20	MMT	TAL SAV
Total/NA	Prep	5030B			347016	09/02/14 19:27	DJK	TAL SAV
Total/NA	Analysis	8260B		1	346991	09/02/14 21:23	DJK	TAL SAV
SPLP East	Leach	1312			111499	09/03/14 13:01	CWA	TAL TAL
SPLP East	Prep	3520C			111505	09/09/14 19:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111600	09/12/14 16:37	VHW	TAL TAL
Total/NA	Prep	3546			347149	09/03/14 13:30	JMV	TAL SAV
Total/NA	Analysis	8270D		1	348220	09/10/14 14:32	LEG	TAL SAV
SPLP East	Leach	1312			111499	09/03/14 13:01	CWA	TAL TAL
SPLP East	Prep	3511			111502	09/09/14 13:16	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111489	09/09/14 17:46	CWA	TAL TAL
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	347663	09/05/14 23:37	JCK	TAL SAV
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		10	347658	09/05/14 23:12	JCK	TAL SAV
Soluble	Leach	DI Leach			348131	09/09/14 12:40	DAS	TAL SAV
Soluble	Analysis	9056A		5	348244	09/10/14 12:07	DAS	TAL SAV
SPLP East	Leach	1312			347206	09/03/14 18:50	JDS	TAL SAV
SPLP East	Prep	3010A			347770	09/08/14 08:29	SP	TAL SAV
SPLP East	Analysis	6020A		1	348758	09/12/14 21:05	BWR	TAL SAV
Total/NA	Prep	3050B			346824	09/02/14 08:55	CRW	TAL SAV
Total/NA	Analysis	6020A		1	348073	09/08/14 21:42	BWR	TAL SAV
SPLP East	Leach	1312			347206	09/03/14 18:50	JDS	TAL SAV
SPLP East	Prep	7470A			347865	09/08/14 12:25	JKL	TAL SAV
SPLP East	Analysis	7470A		1	348149	09/09/14 11:15	JKL	TAL SAV
Total/NA	Prep	7471A			347327	09/04/14 10:18	JKL	TAL SAV
Total/NA	Analysis	7471A		1	347599	09/05/14 11:23	JKL	TAL SAV
Total/NA	Prep	3-154			347605	09/05/14 13:59	JME	TAL SAV
Total/NA	Analysis	350.1		20	347696	09/06/14 10:51	JME	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	351.2		10	348280	09/10/14 12:19	AJO	TAL SAV
Soluble	Leach	DI Leach			347153	09/03/14 13:49	GRX	TAL SAV
Soluble	Analysis	353.2		1	347245	09/03/14 16:15	GRX	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	365.4		1	348279	09/10/14 11:23	AJO	TAL SAV
Total/NA	Prep	9012B			346812	09/02/14 08:00	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346936	09/02/14 12:07	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346842	09/02/14 08:59	JRJ	TAL SAV
Total/NA	Analysis	9065		1	347000	09/02/14 15:31	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	346748	08/30/14 08:56	HML	TAL SAV

Client Sample ID: Comp 1-2F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			347851	09/08/14 15:35	JDS	TAL SAV
SPLP	Analysis	8260B		10	348583	09/12/14 18:30	MMT	TAL SAV
Total/NA	Prep	5030B			347016	09/02/14 19:27	DJK	TAL SAV
Total/NA	Analysis	8260B		1	346991	09/02/14 21:44	DJK	TAL SAV
SPLP East	Leach	1312			111499	09/03/14 13:01	CWA	TAL TAL
SPLP East	Prep	3520C			111505	09/09/14 19:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111600	09/12/14 17:07	VHW	TAL TAL
Total/NA	Prep	3546			347149	09/03/14 13:30	JMV	TAL SAV
Total/NA	Analysis	8270D		1	348220	09/10/14 16:50	LEG	TAL SAV
SPLP East	Leach	1312			111499	09/03/14 13:01	CWA	TAL TAL
SPLP East	Prep	3511			111502	09/09/14 13:16	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111489	09/09/14 18:00	CWA	TAL TAL
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	347663	09/05/14 23:51	JCK	TAL SAV
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		10	347658	09/05/14 23:26	JCK	TAL SAV
Soluble	Leach	DI Leach			348131	09/09/14 12:40	DAS	TAL SAV
Soluble	Analysis	9056A		5	348244	09/10/14 12:22	DAS	TAL SAV
SPLP East	Leach	1312			347206	09/03/14 18:50	JDS	TAL SAV
SPLP East	Prep	3010A			347770	09/08/14 08:29	SP	TAL SAV
SPLP East	Analysis	6020A		1	348758	09/12/14 21:12	BWR	TAL SAV
Total/NA	Prep	3050B			346824	09/02/14 08:55	CRW	TAL SAV
Total/NA	Analysis	6020A		1	348073	09/08/14 22:08	BWR	TAL SAV
SPLP East	Leach	1312			347206	09/03/14 18:50	JDS	TAL SAV
SPLP East	Prep	7470A			347865	09/08/14 12:25	JKL	TAL SAV
SPLP East	Analysis	7470A		1	348149	09/09/14 11:18	JKL	TAL SAV
Total/NA	Prep	7471A			347327	09/04/14 10:18	JKL	TAL SAV
Total/NA	Analysis	7471A		1	347599	09/05/14 11:31	JKL	TAL SAV
Total/NA	Prep	3-154			347605	09/05/14 13:59	JME	TAL SAV
Total/NA	Analysis	350.1		5	347696	09/05/14 15:39	JME	TAL SAV
Total/NA	Prep	Digestion			348375	09/10/14 16:02	ASH	TAL SAV
Total/NA	Analysis	351.2		10	348550	09/11/14 15:50	AJO	TAL SAV
Soluble	Leach	DI Leach			347153	09/03/14 13:49	GRX	TAL SAV
Soluble	Analysis	353.2		1	347245	09/03/14 16:19	GRX	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	365.4		1	348279	09/10/14 11:26	AJO	TAL SAV
Total/NA	Prep	9012B			346812	09/02/14 08:00	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346936	09/02/14 12:08	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346842	09/02/14 08:59	JRJ	TAL SAV
Total/NA	Analysis	9065		1	347000	09/02/14 15:31	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	346748	08/30/14 08:56	HML	TAL SAV

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 1-3F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			347851	09/08/14 15:35	JDS	TAL SAV
SPLP	Analysis	8260B		1	348583	09/12/14 15:14	MMT	TAL SAV
Total/NA	Prep	5030B			347016	09/02/14 19:27	DJK	TAL SAV
Total/NA	Analysis	8260B		1	346991	09/02/14 22:05	DJK	TAL SAV
SPLP East	Leach	1312			111499	09/03/14 13:01	CWA	TAL TAL
SPLP East	Prep	3520C			111505	09/09/14 19:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111600	09/12/14 17:38	VHW	TAL TAL
Total/NA	Prep	3546			347149	09/03/14 13:30	JMV	TAL SAV
Total/NA	Analysis	8270D		1	348220	09/10/14 17:16	LEG	TAL SAV
SPLP East	Leach	1312			111499	09/03/14 13:01	CWA	TAL TAL
SPLP East	Prep	3511			111502	09/09/14 13:16	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111489	09/09/14 18:15	CWA	TAL TAL
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	347663	09/06/14 00:06	JCK	TAL SAV
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		10	347658	09/05/14 23:41	JCK	TAL SAV
Soluble	Leach	DI Leach			348131	09/09/14 12:40	DAS	TAL SAV
Soluble	Analysis	9056A		5	348244	09/10/14 12:36	DAS	TAL SAV
SPLP East	Leach	1312			347206	09/03/14 18:50	JDS	TAL SAV
SPLP East	Prep	3010A			347770	09/08/14 08:29	SP	TAL SAV
SPLP East	Analysis	6020A		1	348758	09/12/14 21:20	BWR	TAL SAV
Total/NA	Prep	3050B			346824	09/02/14 08:55	CRW	TAL SAV
Total/NA	Analysis	6020A		1	348073	09/08/14 22:13	BWR	TAL SAV
SPLP East	Leach	1312			347206	09/03/14 18:50	JDS	TAL SAV
SPLP East	Prep	7470A			347865	09/08/14 12:25	JKL	TAL SAV
SPLP East	Analysis	7470A		1	348149	09/09/14 11:21	JKL	TAL SAV
Total/NA	Prep	7471A			347327	09/04/14 10:18	JKL	TAL SAV
Total/NA	Analysis	7471A		1	347599	09/05/14 11:34	JKL	TAL SAV
Total/NA	Prep	3-154			347605	09/05/14 13:59	JME	TAL SAV
Total/NA	Analysis	350.1		10	347696	09/06/14 10:51	JME	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	351.2		10	348280	09/10/14 12:24	AJO	TAL SAV
Soluble	Leach	DI Leach			347153	09/03/14 13:49	GRX	TAL SAV
Soluble	Analysis	353.2		1	347245	09/03/14 16:21	GRX	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	365.4		1	348279	09/10/14 11:29	AJO	TAL SAV
Total/NA	Prep	9012B			346812	09/02/14 08:00	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346936	09/02/14 12:09	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346842	09/02/14 08:59	JRJ	TAL SAV
Total/NA	Analysis	9065		1	347000	09/02/14 15:31	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	346748	08/30/14 08:56	HML	TAL SAV

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 3-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			347851	09/08/14 15:35	JDS	TAL SAV
SPLP	Analysis	8260B		1	348583	09/12/14 15:36	MMT	TAL SAV
Total/NA	Prep	5030B			347016	09/02/14 19:27	DJK	TAL SAV
Total/NA	Analysis	8260B		1	346991	09/02/14 22:26	DJK	TAL SAV
SPLP East	Leach	1312			111499	09/03/14 13:01	CWA	TAL TAL
SPLP East	Prep	3520C			111505	09/09/14 19:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111600	09/12/14 18:09	VHW	TAL TAL
Total/NA	Prep	3546			347149	09/03/14 13:30	JMV	TAL SAV
Total/NA	Analysis	8270D		1	348220	09/10/14 17:41	LEG	TAL SAV
SPLP East	Leach	1312			111499	09/03/14 13:01	CWA	TAL TAL
SPLP East	Prep	3511			111502	09/09/14 13:16	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111533	09/10/14 13:04	CWA	TAL TAL
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	347663	09/06/14 00:20	JCK	TAL SAV
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		10	347658	09/05/14 23:55	JCK	TAL SAV
Soluble	Leach	DI Leach			348131	09/09/14 12:40	DAS	TAL SAV
Soluble	Analysis	9056A		5	348244	09/10/14 12:51	DAS	TAL SAV
SPLP East	Leach	1312			347206	09/03/14 18:50	JDS	TAL SAV
SPLP East	Prep	3010A			347770	09/08/14 08:29	SP	TAL SAV
SPLP East	Analysis	6020A		1	348758	09/12/14 21:27	BWR	TAL SAV
Total/NA	Prep	3050B			346824	09/02/14 08:55	CRW	TAL SAV
Total/NA	Analysis	6020A		1	348073	09/08/14 22:19	BWR	TAL SAV
SPLP East	Leach	1312			347206	09/03/14 18:50	JDS	TAL SAV
SPLP East	Prep	7470A			347865	09/08/14 12:25	JKL	TAL SAV
SPLP East	Analysis	7470A		1	348149	09/09/14 11:24	JKL	TAL SAV
Total/NA	Prep	7471A			347327	09/04/14 10:18	JKL	TAL SAV
Total/NA	Analysis	7471A		1	347599	09/05/14 11:37	JKL	TAL SAV
Total/NA	Prep	3-154			347605	09/05/14 13:59	JME	TAL SAV
Total/NA	Analysis	350.1		5	347696	09/06/14 12:23	JME	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	351.2		10	348280	09/10/14 12:25	AJO	TAL SAV
Soluble	Leach	DI Leach			347153	09/03/14 13:49	GRX	TAL SAV
Soluble	Analysis	353.2		1	347245	09/03/14 16:22	GRX	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	365.4		1	348279	09/10/14 11:30	AJO	TAL SAV
Total/NA	Prep	9012B			346812	09/02/14 08:00	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346936	09/02/14 12:10	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346842	09/02/14 08:59	JRJ	TAL SAV
Total/NA	Analysis	9065		1	347000	09/02/14 15:31	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	346748	08/30/14 08:56	HML	TAL SAV

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 5-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			347851	09/08/14 15:35	JDS	TAL SAV
SPLP	Analysis	8260B		1	348583	09/12/14 15:58	MMT	TAL SAV
Total/NA	Prep	5030B			347016	09/02/14 19:27	DJK	TAL SAV
Total/NA	Analysis	8260B		1	346991	09/02/14 22:47	DJK	TAL SAV
SPLP East	Leach	1312			111499	09/03/14 13:01	CWA	TAL TAL
SPLP East	Prep	3520C			111505	09/09/14 19:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111600	09/12/14 18:39	VHW	TAL TAL
Total/NA	Prep	3546			347149	09/03/14 13:30	JMV	TAL SAV
Total/NA	Analysis	8270D		1	348220	09/10/14 18:06	LEG	TAL SAV
SPLP East	Leach	1312			111499	09/03/14 13:01	CWA	TAL TAL
SPLP East	Prep	3511			111502	09/09/14 13:16	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111489	09/09/14 18:29	CWA	TAL TAL
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	347663	09/06/14 00:35	JCK	TAL SAV
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		10	347658	09/06/14 00:10	JCK	TAL SAV
Soluble	Leach	DI Leach			348131	09/09/14 12:40	DAS	TAL SAV
Soluble	Analysis	9056A		5	348244	09/10/14 13:05	DAS	TAL SAV
SPLP East	Leach	1312			347206	09/03/14 18:50	JDS	TAL SAV
SPLP East	Prep	3010A			347770	09/08/14 08:29	SP	TAL SAV
SPLP East	Analysis	6020A		1	348758	09/12/14 21:34	BWR	TAL SAV
Total/NA	Prep	3050B			346824	09/02/14 08:55	CRW	TAL SAV
Total/NA	Analysis	6020A		1	348073	09/08/14 22:35	BWR	TAL SAV
SPLP East	Leach	1312			347206	09/03/14 18:50	JDS	TAL SAV
SPLP East	Prep	7470A			347865	09/08/14 12:25	JKL	TAL SAV
SPLP East	Analysis	7470A		1	348149	09/09/14 11:27	JKL	TAL SAV
Total/NA	Prep	7471A			347327	09/04/14 10:18	JKL	TAL SAV
Total/NA	Analysis	7471A		1	347599	09/05/14 11:40	JKL	TAL SAV
Total/NA	Prep	3-154			347605	09/05/14 13:59	JME	TAL SAV
Total/NA	Analysis	350.1		20	347696	09/06/14 12:23	JME	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	351.2		10	348280	09/10/14 12:26	AJO	TAL SAV
Soluble	Leach	DI Leach			347153	09/03/14 13:49	GRX	TAL SAV
Soluble	Analysis	353.2		1	347245	09/03/14 16:23	GRX	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	365.4		1	348279	09/10/14 11:31	AJO	TAL SAV
Total/NA	Prep	9012B			346812	09/02/14 08:00	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346936	09/02/14 12:12	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346842	09/02/14 08:59	JRJ	TAL SAV
Total/NA	Analysis	9065		1	347000	09/02/14 15:39	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	346748	08/30/14 08:56	HML	TAL SAV

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 5-2F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			347851	09/08/14 15:35	JDS	TAL SAV
SPLP	Analysis	8260B		1	348583	09/12/14 16:19	MMT	TAL SAV
Total/NA	Prep	5030B			347016	09/02/14 19:27	DJK	TAL SAV
Total/NA	Analysis	8260B		1	346991	09/02/14 23:08	DJK	TAL SAV
SPLP East	Leach	1312			111499	09/03/14 13:01	CWA	TAL TAL
SPLP East	Prep	3520C			111505	09/09/14 19:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111600	09/12/14 19:08	VHW	TAL TAL
Total/NA	Prep	3546			347149	09/03/14 13:30	JMV	TAL SAV
Total/NA	Analysis	8270D		1	348220	09/10/14 18:32	LEG	TAL SAV
SPLP East	Leach	1312			111499	09/03/14 13:01	CWA	TAL TAL
SPLP East	Prep	3511			111502	09/09/14 13:16	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111533	09/10/14 13:19	CWA	TAL TAL
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	347663	09/06/14 00:49	JCK	TAL SAV
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		10	347658	09/06/14 00:24	JCK	TAL SAV
Soluble	Leach	DI Leach			348131	09/09/14 12:40	DAS	TAL SAV
Soluble	Analysis	9056A		5	348244	09/10/14 13:19	DAS	TAL SAV
SPLP East	Leach	1312			347206	09/03/14 18:50	JDS	TAL SAV
SPLP East	Prep	3010A			347770	09/08/14 08:29	SP	TAL SAV
SPLP East	Analysis	6020A		1	348758	09/12/14 21:41	BWR	TAL SAV
Total/NA	Prep	3050B			346824	09/02/14 08:55	CRW	TAL SAV
Total/NA	Analysis	6020A		1	348073	09/08/14 22:40	BWR	TAL SAV
SPLP East	Leach	1312			347206	09/03/14 18:50	JDS	TAL SAV
SPLP East	Prep	7470A			347865	09/08/14 12:25	JKL	TAL SAV
SPLP East	Analysis	7470A		1	348149	09/09/14 11:30	JKL	TAL SAV
Total/NA	Prep	7471A			347327	09/04/14 10:18	JKL	TAL SAV
Total/NA	Analysis	7471A		1	347599	09/05/14 11:43	JKL	TAL SAV
Total/NA	Prep	3-154			347605	09/05/14 13:59	JME	TAL SAV
Total/NA	Analysis	350.1		10	347696	09/06/14 12:23	JME	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	351.2		10	348280	09/10/14 12:29	AJO	TAL SAV
Soluble	Leach	DI Leach			347153	09/03/14 13:49	GRX	TAL SAV
Soluble	Analysis	353.2		1	347245	09/03/14 16:27	GRX	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	365.4		1	348279	09/10/14 11:32	AJO	TAL SAV
Total/NA	Prep	9012B			346812	09/02/14 08:00	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346936	09/02/14 12:17	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346842	09/02/14 08:59	JRJ	TAL SAV
Total/NA	Analysis	9065		1	347000	09/02/14 15:39	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	346748	08/30/14 08:56	HML	TAL SAV

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 6-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			347851	09/08/14 15:35	JDS	TAL SAV
SPLP	Analysis	8260B		1	348583	09/12/14 16:41	MMT	TAL SAV
Total/NA	Prep	5030B			347016	09/02/14 19:27	DJK	TAL SAV
Total/NA	Analysis	8260B		1	346991	09/02/14 23:29	DJK	TAL SAV
SPLP East	Leach	1312			111499	09/03/14 13:01	CWA	TAL TAL
SPLP East	Prep	3520C			111505	09/09/14 19:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111600	09/12/14 19:38	VHW	TAL TAL
Total/NA	Prep	3546			347149	09/03/14 13:30	JMV	TAL SAV
Total/NA	Analysis	8270D		1	348220	09/10/14 18:57	LEG	TAL SAV
SPLP East	Leach	1312			111499	09/03/14 13:01	CWA	TAL TAL
SPLP East	Prep	3511			111502	09/09/14 13:16	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111489	09/09/14 18:44	CWA	TAL TAL
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	347663	09/06/14 01:03	JCK	TAL SAV
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		10	347658	09/06/14 00:39	JCK	TAL SAV
Soluble	Leach	DI Leach			348131	09/09/14 12:40	DAS	TAL SAV
Soluble	Analysis	9056A		5	348244	09/10/14 13:34	DAS	TAL SAV
SPLP East	Leach	1312			347206	09/03/14 18:50	JDS	TAL SAV
SPLP East	Prep	3010A			347770	09/08/14 08:29	SP	TAL SAV
SPLP East	Analysis	6020A		1	348758	09/12/14 21:48	BWR	TAL SAV
Total/NA	Prep	3050B			346824	09/02/14 08:55	CRW	TAL SAV
Total/NA	Analysis	6020A		1	348073	09/08/14 22:45	BWR	TAL SAV
SPLP East	Leach	1312			347206	09/03/14 18:50	JDS	TAL SAV
SPLP East	Prep	7470A			347865	09/08/14 12:25	JKL	TAL SAV
SPLP East	Analysis	7470A		1	348149	09/09/14 11:38	JKL	TAL SAV
Total/NA	Prep	7471A			347327	09/04/14 10:18	JKL	TAL SAV
Total/NA	Analysis	7471A		1	347599	09/05/14 11:52	JKL	TAL SAV
Total/NA	Prep	3-154			347605	09/05/14 13:59	JME	TAL SAV
Total/NA	Analysis	350.1		5	347696	09/06/14 10:22	JME	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	351.2		10	348280	09/10/14 12:31	AJO	TAL SAV
Soluble	Leach	DI Leach			347153	09/03/14 13:49	GRX	TAL SAV
Soluble	Analysis	353.2		1	347245	09/03/14 16:28	GRX	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	365.4		1	348279	09/10/14 11:33	AJO	TAL SAV
Total/NA	Prep	9012B			346812	09/02/14 08:00	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346936	09/02/14 12:18	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346842	09/02/14 08:59	JRJ	TAL SAV
Total/NA	Analysis	9065		1	347000	09/02/14 15:38	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	346748	08/30/14 08:56	HML	TAL SAV

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 6-2F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			347851	09/08/14 15:35	JDS	TAL SAV
SPLP	Analysis	8260B		1	348363	09/11/14 17:11	MMT	TAL SAV
Total/NA	Prep	5030B			347016	09/02/14 19:27	DJK	TAL SAV
Total/NA	Analysis	8260B		1	346991	09/02/14 23:50	DJK	TAL SAV
SPLP East	Leach	1312			111499	09/03/14 13:01	CWA	TAL TAL
SPLP East	Prep	3520C			111505	09/09/14 19:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111600	09/12/14 20:08	VHW	TAL TAL
Total/NA	Prep	3546			347149	09/03/14 13:30	JMV	TAL SAV
Total/NA	Analysis	8270D		1	348220	09/10/14 19:23	LEG	TAL SAV
SPLP East	Leach	1312			111499	09/03/14 13:01	CWA	TAL TAL
SPLP East	Prep	3511			111502	09/09/14 13:16	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111489	09/09/14 18:58	CWA	TAL TAL
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	347663	09/06/14 01:18	JCK	TAL SAV
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		10	347658	09/06/14 00:53	JCK	TAL SAV
Soluble	Leach	DI Leach			348131	09/09/14 12:40	DAS	TAL SAV
Soluble	Analysis	9056A		5	348244	09/10/14 13:48	DAS	TAL SAV
SPLP East	Leach	1312			347206	09/03/14 18:50	JDS	TAL SAV
SPLP East	Prep	3010A			347770	09/08/14 08:29	SP	TAL SAV
SPLP East	Analysis	6020A		1	348758	09/12/14 21:56	BWR	TAL SAV
Total/NA	Prep	3050B			346824	09/02/14 08:55	CRW	TAL SAV
Total/NA	Analysis	6020A		1	348073	09/08/14 22:51	BWR	TAL SAV
SPLP East	Leach	1312			347206	09/03/14 18:50	JDS	TAL SAV
SPLP East	Prep	7470A			347865	09/08/14 12:25	JKL	TAL SAV
SPLP East	Analysis	7470A		1	348149	09/09/14 11:41	JKL	TAL SAV
Total/NA	Prep	7471A			347327	09/04/14 10:18	JKL	TAL SAV
Total/NA	Analysis	7471A		1	347599	09/05/14 11:55	JKL	TAL SAV
Total/NA	Prep	3-154			347605	09/05/14 13:59	JME	TAL SAV
Total/NA	Analysis	350.1		5	347696	09/06/14 10:32	JME	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	351.2		10	348280	09/10/14 12:32	AJO	TAL SAV
Soluble	Leach	DI Leach			347153	09/03/14 13:49	GRX	TAL SAV
Soluble	Analysis	353.2		1	347245	09/03/14 16:29	GRX	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	365.4		1	348279	09/10/14 11:36	AJO	TAL SAV
Total/NA	Prep	9012B			346812	09/02/14 08:00	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346936	09/02/14 12:19	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346842	09/02/14 08:59	JRJ	TAL SAV
Total/NA	Analysis	9065		1	347000	09/02/14 16:54	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	346748	08/30/14 08:56	HML	TAL SAV

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 6-3F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			347851	09/08/14 15:35	JDS	TAL SAV
SPLP	Analysis	8260B		1	348363	09/11/14 17:37	MMT	TAL SAV
Total/NA	Prep	5030B			347016	09/02/14 19:27	DJK	TAL SAV
Total/NA	Analysis	8260B		1	346991	09/03/14 00:11	DJK	TAL SAV
SPLP East	Leach	1312			111499	09/03/14 13:01	CWA	TAL TAL
SPLP East	Prep	3520C			111505	09/09/14 19:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111600	09/12/14 20:37	VHW	TAL TAL
Total/NA	Prep	3546			347149	09/03/14 13:30	JMV	TAL SAV
Total/NA	Analysis	8270D		1	348220	09/10/14 19:48	LEG	TAL SAV
SPLP East	Leach	1312			111499	09/03/14 13:01	CWA	TAL TAL
SPLP East	Prep	3511			111502	09/09/14 13:16	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111489	09/09/14 19:13	CWA	TAL TAL
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	347663	09/06/14 01:32	JCK	TAL SAV
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		10	347658	09/06/14 01:08	JCK	TAL SAV
Soluble	Leach	DI Leach			348131	09/09/14 12:40	DAS	TAL SAV
Soluble	Analysis	9056A		5	348244	09/10/14 15:00	DAS	TAL SAV
SPLP East	Leach	1312			347206	09/03/14 18:50	JDS	TAL SAV
SPLP East	Prep	3010A			347770	09/08/14 08:29	SP	TAL SAV
SPLP East	Analysis	6020A		1	348758	09/12/14 22:17	BWR	TAL SAV
Total/NA	Prep	3050B			346824	09/02/14 08:55	CRW	TAL SAV
Total/NA	Analysis	6020A		1	348073	09/08/14 22:56	BWR	TAL SAV
SPLP East	Leach	1312			347206	09/03/14 18:50	JDS	TAL SAV
SPLP East	Prep	7470A			347865	09/08/14 12:25	JKL	TAL SAV
SPLP East	Analysis	7470A		1	348149	09/09/14 11:44	JKL	TAL SAV
Total/NA	Prep	7471A			347327	09/04/14 10:18	JKL	TAL SAV
Total/NA	Analysis	7471A		1	347599	09/05/14 11:58	JKL	TAL SAV
Total/NA	Prep	3-154			347605	09/05/14 13:59	JME	TAL SAV
Total/NA	Analysis	350.1		5	347696	09/06/14 12:23	JME	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	351.2		10	348280	09/10/14 12:33	AJO	TAL SAV
Soluble	Leach	DI Leach			347153	09/03/14 13:49	GRX	TAL SAV
Soluble	Analysis	353.2		1	347245	09/03/14 16:31	GRX	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	365.4		1	348279	09/10/14 11:38	AJO	TAL SAV
Total/NA	Prep	9012B			346812	09/02/14 08:00	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346936	09/02/14 12:20	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346842	09/02/14 08:59	JRJ	TAL SAV
Total/NA	Analysis	9065		1	347000	09/02/14 15:38	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	346748	08/30/14 08:56	HML	TAL SAV

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 7-1F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			347851	09/08/14 15:35	JDS	TAL SAV
SPLP	Analysis	8260B		1	348363	09/11/14 18:04	MMT	TAL SAV
Total/NA	Prep	5030B			347016	09/02/14 19:27	DJK	TAL SAV
Total/NA	Analysis	8260B		1	346991	09/03/14 00:32	DJK	TAL SAV
SPLP East	Leach	1312			111499	09/03/14 13:01	CWA	TAL TAL
SPLP East	Prep	3520C			111505	09/09/14 19:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111600	09/12/14 21:06	VHW	TAL TAL
Total/NA	Prep	3546			347149	09/03/14 13:30	JMV	TAL SAV
Total/NA	Analysis	8270D		1	348220	09/10/14 20:14	LEG	TAL SAV
SPLP East	Leach	1312			111499	09/03/14 13:01	CWA	TAL TAL
SPLP East	Prep	3511			111502	09/09/14 13:16	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111489	09/09/14 19:27	CWA	TAL TAL
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	347663	09/06/14 01:47	JCK	TAL SAV
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		10	347658	09/06/14 01:22	JCK	TAL SAV
Soluble	Leach	DI Leach			348131	09/09/14 12:40	DAS	TAL SAV
Soluble	Analysis	9056A		5	348244	09/10/14 15:15	DAS	TAL SAV
SPLP East	Leach	1312			347206	09/03/14 18:50	JDS	TAL SAV
SPLP East	Prep	3010A			347770	09/08/14 08:29	SP	TAL SAV
SPLP East	Analysis	6020A		1	348758	09/12/14 22:25	BWR	TAL SAV
Total/NA	Prep	3050B			346824	09/02/14 08:55	CRW	TAL SAV
Total/NA	Analysis	6020A		1	348073	09/08/14 23:01	BWR	TAL SAV
SPLP East	Leach	1312			347206	09/03/14 18:50	JDS	TAL SAV
SPLP East	Prep	7470A			347865	09/08/14 12:25	JKL	TAL SAV
SPLP East	Analysis	7470A		1	348149	09/09/14 11:47	JKL	TAL SAV
Total/NA	Prep	7471A			347327	09/04/14 10:18	JKL	TAL SAV
Total/NA	Analysis	7471A		1	347599	09/05/14 12:01	JKL	TAL SAV
Total/NA	Prep	3-154			347605	09/05/14 13:59	JME	TAL SAV
Total/NA	Analysis	350.1		5	347696	09/06/14 12:23	JME	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	351.2		10	348280	09/10/14 12:34	AJO	TAL SAV
Soluble	Leach	DI Leach			347153	09/03/14 13:49	GRX	TAL SAV
Soluble	Analysis	353.2		1	347245	09/03/14 16:32	GRX	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	365.4		1	348279	09/10/14 11:39	AJO	TAL SAV
Total/NA	Prep	9012B			346812	09/02/14 08:00	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346936	09/02/14 12:21	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346842	09/02/14 08:59	JRJ	TAL SAV
Total/NA	Analysis	9065		1	347000	09/02/14 15:38	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	346748	08/30/14 08:56	HML	TAL SAV

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 7-2F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			347851	09/08/14 15:35	JDS	TAL SAV
SPLP	Analysis	8260B		1	348583	09/12/14 17:03	MMT	TAL SAV
Total/NA	Prep	5030B			347016	09/02/14 19:27	DJK	TAL SAV
Total/NA	Analysis	8260B		1	346991	09/03/14 00:53	DJK	TAL SAV
SPLP East	Leach	1312			111499	09/03/14 13:01	CWA	TAL TAL
SPLP East	Prep	3520C			111505	09/09/14 19:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111600	09/12/14 21:36	VHW	TAL TAL
Total/NA	Prep	3546			347149	09/03/14 13:30	JMV	TAL SAV
Total/NA	Analysis	8270D		1	348220	09/10/14 20:39	LEG	TAL SAV
SPLP East	Leach	1312			111499	09/03/14 13:01	CWA	TAL TAL
SPLP East	Prep	3511			111502	09/09/14 13:16	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111533	09/10/14 13:33	CWA	TAL TAL
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	347663	09/06/14 02:01	JCK	TAL SAV
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		10	347658	09/06/14 01:37	JCK	TAL SAV
Soluble	Leach	DI Leach			348131	09/09/14 12:40	DAS	TAL SAV
Soluble	Analysis	9056A		5	348244	09/10/14 15:29	DAS	TAL SAV
SPLP East	Leach	1312			347206	09/03/14 18:50	JDS	TAL SAV
SPLP East	Prep	3010A			347770	09/08/14 08:29	SP	TAL SAV
SPLP East	Analysis	6020A		1	348758	09/12/14 22:32	BWR	TAL SAV
Total/NA	Prep	3050B			346824	09/02/14 08:55	CRW	TAL SAV
Total/NA	Analysis	6020A		1	348073	09/08/14 23:06	BWR	TAL SAV
SPLP East	Leach	1312			347206	09/03/14 18:50	JDS	TAL SAV
SPLP East	Prep	7470A			347865	09/08/14 12:25	JKL	TAL SAV
SPLP East	Analysis	7470A		1	348149	09/09/14 11:50	JKL	TAL SAV
Total/NA	Prep	7471A			347327	09/04/14 10:18	JKL	TAL SAV
Total/NA	Analysis	7471A		1	347599	09/05/14 12:03	JKL	TAL SAV
Total/NA	Prep	3-154			347605	09/05/14 13:59	JME	TAL SAV
Total/NA	Analysis	350.1		5	347696	09/06/14 10:32	JME	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	351.2		10	348280	09/10/14 12:35	AJO	TAL SAV
Soluble	Leach	DI Leach			347153	09/03/14 13:49	GRX	TAL SAV
Soluble	Analysis	353.2		1	347245	09/03/14 16:33	GRX	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	365.4		1	348279	09/10/14 11:40	AJO	TAL SAV
Total/NA	Prep	9012B			346812	09/02/14 08:00	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346936	09/02/14 12:22	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346842	09/02/14 08:59	JRJ	TAL SAV
Total/NA	Analysis	9065		1	347000	09/02/14 15:38	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	346748	08/30/14 08:56	HML	TAL SAV

Client Sample ID: Comp 7-3F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			347851	09/08/14 15:35	JDS	TAL SAV
SPLP	Analysis	8260B		1	348583	09/12/14 17:25	MMT	TAL SAV
Total/NA	Prep	5030B			347016	09/02/14 19:27	DJK	TAL SAV
Total/NA	Analysis	8260B		1	346991	09/03/14 01:14	DJK	TAL SAV
SPLP East	Leach	1312			111501	09/04/14 21:22	CWA	TAL TAL
SPLP East	Prep	3520C			111513	09/10/14 15:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111593	09/12/14 22:50	VHW	TAL TAL
Total/NA	Prep	3546			347149	09/03/14 13:30	JMV	TAL SAV
Total/NA	Analysis	8270D		1	348220	09/10/14 21:04	LEG	TAL SAV
SPLP East	Leach	1312			111501	09/04/14 21:22	CWA	TAL TAL
SPLP East	Prep	3511			111502	09/09/14 14:42	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111533	09/10/14 14:02	CWA	TAL TAL
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	347663	09/06/14 02:16	JCK	TAL SAV
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		10	347658	09/06/14 01:51	JCK	TAL SAV
Soluble	Leach	DI Leach			348131	09/09/14 12:40	DAS	TAL SAV
Soluble	Analysis	9056A		5	348244	09/10/14 15:43	DAS	TAL SAV
SPLP East	Leach	1312			347443	09/04/14 21:22	JDS	TAL SAV
SPLP East	Prep	3010A			348770	09/12/14 10:37	CME	TAL SAV
SPLP East	Analysis	6020A		1	348928	09/13/14 11:51	BWR	TAL SAV
Total/NA	Prep	3050B			346824	09/02/14 08:55	CRW	TAL SAV
Total/NA	Analysis	6020A		1	348073	09/08/14 23:12	BWR	TAL SAV
SPLP East	Leach	1312			347443	09/04/14 21:22	JDS	TAL SAV
SPLP East	Prep	7470A			347879	09/08/14 13:35	JKL	TAL SAV
SPLP East	Analysis	7470A		1	348149	09/09/14 13:30	JKL	TAL SAV
Total/NA	Prep	7471A			347327	09/04/14 10:18	JKL	TAL SAV
Total/NA	Analysis	7471A		1	347599	09/05/14 12:06	JKL	TAL SAV
Total/NA	Prep	3-154			347605	09/05/14 13:59	JME	TAL SAV
Total/NA	Analysis	350.1		5	347696	09/05/14 15:39	JME	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	351.2		10	348280	09/10/14 12:36	AJO	TAL SAV
Soluble	Leach	DI Leach			347153	09/03/14 13:49	GRX	TAL SAV
Soluble	Analysis	353.2		1	347245	09/03/14 16:34	GRX	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	365.4		1	348279	09/10/14 11:41	AJO	TAL SAV
Total/NA	Prep	9012B			346812	09/02/14 08:00	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346936	09/02/14 12:24	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346842	09/02/14 08:59	JRJ	TAL SAV
Total/NA	Analysis	9065		1	347000	09/02/14 15:39	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	346748	08/30/14 08:56	HML	TAL SAV

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Comp 7-4F
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			348568	09/11/14 22:10	JDS	TAL SAV
SPLP	Analysis	8260B		1	348864	09/15/14 16:30	MMT	TAL SAV
Total/NA	Prep	5030B			347016	09/02/14 19:27	DJK	TAL SAV
Total/NA	Analysis	8260B		1	346991	09/03/14 01:35	DJK	TAL SAV
SPLP East	Leach	1312			111501	09/04/14 21:22	CWA	TAL TAL
SPLP East	Prep	3520C			111513	09/10/14 15:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111634	09/15/14 15:23	VHW	TAL TAL
Total/NA	Prep	3546			347149	09/03/14 13:30	JMV	TAL SAV
Total/NA	Analysis	8270D		1	348220	09/10/14 21:29	LEG	TAL SAV
SPLP East	Leach	1312			111501	09/04/14 21:22	CWA	TAL TAL
SPLP East	Prep	3511			111502	09/09/14 14:42	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111533	09/10/14 14:16	CWA	TAL TAL
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	347663	09/06/14 02:30	JCK	TAL SAV
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		10	347658	09/06/14 02:06	JCK	TAL SAV
Soluble	Leach	DI Leach			348131	09/09/14 12:40	DAS	TAL SAV
Soluble	Analysis	9056A		5	348244	09/10/14 15:58	DAS	TAL SAV
SPLP East	Leach	1312			347443	09/04/14 21:22	JDS	TAL SAV
SPLP East	Prep	3010A			348770	09/12/14 10:37	CME	TAL SAV
SPLP East	Analysis	6020A		1	348928	09/13/14 12:27	BWR	TAL SAV
Total/NA	Prep	3050B			346824	09/02/14 08:55	CRW	TAL SAV
Total/NA	Analysis	6020A		1	348073	09/08/14 23:17	BWR	TAL SAV
SPLP East	Leach	1312			347443	09/04/14 21:22	JDS	TAL SAV
SPLP East	Prep	7470A			347879	09/08/14 13:35	JKL	TAL SAV
SPLP East	Analysis	7470A		1	348149	09/09/14 13:39	JKL	TAL SAV
Total/NA	Prep	7471A			347327	09/04/14 10:18	JKL	TAL SAV
Total/NA	Analysis	7471A		1	347599	09/05/14 12:09	JKL	TAL SAV
Total/NA	Prep	3-154			347605	09/05/14 13:59	JME	TAL SAV
Total/NA	Analysis	350.1		5	347696	09/06/14 12:23	JME	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	351.2		10	348280	09/10/14 12:37	AJO	TAL SAV
Soluble	Leach	DI Leach			347153	09/03/14 13:49	GRX	TAL SAV
Soluble	Analysis	353.2		1	347245	09/03/14 16:35	GRX	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	365.4		1	348279	09/10/14 11:42	AJO	TAL SAV
Total/NA	Prep	9012B			346812	09/02/14 08:00	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346936	09/02/14 12:25	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346842	09/02/14 08:59	JRJ	TAL SAV
Total/NA	Analysis	9065		1	347000	09/02/14 16:00	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	346748	08/30/14 08:56	HML	TAL SAV

Client Sample ID: Area 1 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			348568	09/11/14 22:10	JDS	TAL SAV
SPLP	Analysis	8260B		1	348864	09/15/14 16:52	MMT	TAL SAV
Total/NA	Prep	5030B			347016	09/02/14 19:27	DJK	TAL SAV
Total/NA	Analysis	8260B		1	346991	09/03/14 01:56	DJK	TAL SAV
SPLP East	Leach	1312			111501	09/04/14 21:22	CWA	TAL TAL
SPLP East	Prep	3520C			111513	09/10/14 15:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111639	09/15/14 17:13	VHW	TAL TAL
Total/NA	Prep	3546			347149	09/03/14 13:30	JMV	TAL SAV
Total/NA	Analysis	8270D		1	348220	09/10/14 21:55	LEG	TAL SAV
SPLP East	Leach	1312			111501	09/04/14 21:22	CWA	TAL TAL
SPLP East	Prep	3511			111502	09/09/14 14:42	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111533	09/10/14 14:31	CWA	TAL TAL
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	347663	09/06/14 02:45	JCK	TAL SAV
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		10	347658	09/06/14 02:20	JCK	TAL SAV
Soluble	Leach	DI Leach			348131	09/09/14 12:40	DAS	TAL SAV
Soluble	Analysis	9056A		5	348244	09/10/14 16:12	DAS	TAL SAV
SPLP East	Leach	1312			347443	09/04/14 21:22	JDS	TAL SAV
SPLP East	Prep	3010A			348770	09/12/14 10:37	CME	TAL SAV
SPLP East	Analysis	6020A		1	348928	09/13/14 12:34	BWR	TAL SAV
Total/NA	Prep	3050B			346824	09/02/14 08:55	CRW	TAL SAV
Total/NA	Analysis	6020A		1	348073	09/08/14 23:22	BWR	TAL SAV
SPLP East	Leach	1312			347443	09/04/14 21:22	JDS	TAL SAV
SPLP East	Prep	7470A			347879	09/08/14 13:35	JKL	TAL SAV
SPLP East	Analysis	7470A		1	348149	09/09/14 13:42	JKL	TAL SAV
Total/NA	Prep	7471A			347327	09/04/14 10:18	JKL	TAL SAV
Total/NA	Analysis	7471A		1	347599	09/05/14 12:12	JKL	TAL SAV
Total/NA	Prep	3-154			347605	09/05/14 13:59	JME	TAL SAV
Total/NA	Analysis	350.1		1	347696	09/05/14 15:29	JME	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	351.2		1	348280	09/10/14 11:43	AJO	TAL SAV
Soluble	Leach	DI Leach			347153	09/03/14 13:49	GRX	TAL SAV
Soluble	Analysis	353.2		1	347245	09/03/14 16:37	GRX	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	365.4		1	348279	09/10/14 11:43	AJO	TAL SAV
Total/NA	Prep	9012B			346812	09/02/14 08:00	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346936	09/02/14 12:28	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346842	09/02/14 08:59	JRJ	TAL SAV
Total/NA	Analysis	9065		1	347000	09/02/14 15:39	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	346748	08/30/14 08:56	HML	TAL SAV

Client Sample ID: Area 3 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			348568	09/11/14 22:10	JDS	TAL SAV
SPLP	Analysis	8260B		1	348864	09/15/14 17:14	MMT	TAL SAV
Total/NA	Prep	5030B			347016	09/02/14 19:27	DJK	TAL SAV
Total/NA	Analysis	8260B		1	346991	09/03/14 02:17	DJK	TAL SAV
SPLP East	Leach	1312			111501	09/04/14 21:22	CWA	TAL TAL
SPLP East	Prep	3520C			111513	09/10/14 15:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111600	09/12/14 22:06	VHW	TAL TAL
Total/NA	Prep	3546			347149	09/03/14 13:30	JMV	TAL SAV
Total/NA	Analysis	8270D		1	348220	09/10/14 22:20	LEG	TAL SAV
SPLP East	Leach	1312			111501	09/04/14 21:22	CWA	TAL TAL
SPLP East	Prep	3511			111502	09/09/14 14:42	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111533	09/10/14 14:45	CWA	TAL TAL
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	347663	09/06/14 02:59	JCK	TAL SAV
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		10	347658	09/06/14 02:35	JCK	TAL SAV
Soluble	Leach	DI Leach			348131	09/09/14 12:40	DAS	TAL SAV
Soluble	Analysis	9056A		5	348244	09/10/14 16:27	DAS	TAL SAV
SPLP East	Leach	1312			347443	09/04/14 21:22	JDS	TAL SAV
SPLP East	Prep	3010A			348770	09/12/14 10:37	CME	TAL SAV
SPLP East	Analysis	6020A		1	348928	09/13/14 12:56	BWR	TAL SAV
Total/NA	Prep	3050B			346824	09/02/14 08:55	CRW	TAL SAV
Total/NA	Analysis	6020A		1	348073	09/08/14 23:38	BWR	TAL SAV
SPLP East	Leach	1312			347443	09/04/14 21:22	JDS	TAL SAV
SPLP East	Prep	7470A			347879	09/08/14 13:35	JKL	TAL SAV
SPLP East	Analysis	7470A		1	348149	09/09/14 13:45	JKL	TAL SAV
Total/NA	Prep	7471A			347327	09/04/14 10:18	JKL	TAL SAV
Total/NA	Analysis	7471A		1	347599	09/05/14 12:15	JKL	TAL SAV
Total/NA	Prep	3-154			347605	09/05/14 13:59	JME	TAL SAV
Total/NA	Analysis	350.1		1	347696	09/05/14 15:29	JME	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	351.2		1	348280	09/10/14 11:44	AJO	TAL SAV
Soluble	Leach	DI Leach			347153	09/03/14 13:49	GRX	TAL SAV
Soluble	Analysis	353.2		1	347245	09/03/14 16:38	GRX	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	365.4		1	348279	09/10/14 11:44	AJO	TAL SAV
Total/NA	Prep	9012B			346812	09/02/14 08:00	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346936	09/02/14 12:29	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346842	09/02/14 08:59	JRJ	TAL SAV
Total/NA	Analysis	9065		1	347000	09/02/14 15:43	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	346748	08/30/14 08:56	HML	TAL SAV

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Area 5 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			348568	09/11/14 22:10	JDS	TAL SAV
SPLP	Analysis	8260B		1	348864	09/15/14 17:35	MMT	TAL SAV
Total/NA	Prep	5030B			347016	09/02/14 19:27	DJK	TAL SAV
Total/NA	Analysis	8260B		1	346991	09/03/14 02:38	DJK	TAL SAV
SPLP East	Leach	1312			111501	09/04/14 21:22	CWA	TAL TAL
SPLP East	Prep	3520C			111513	09/10/14 15:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111600	09/12/14 22:35	VHW	TAL TAL
Total/NA	Prep	3546			347149	09/03/14 13:30	JMV	TAL SAV
Total/NA	Analysis	8270D		1	348472	09/11/14 13:22	LEG	TAL SAV
SPLP East	Leach	1312			111501	09/04/14 21:22	CWA	TAL TAL
SPLP East	Prep	3511			111502	09/09/14 14:42	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111533	09/10/14 15:00	CWA	TAL TAL
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	347663	09/06/14 03:13	JCK	TAL SAV
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		10	347658	09/06/14 02:50	JCK	TAL SAV
Soluble	Leach	DI Leach			348131	09/09/14 12:40	DAS	TAL SAV
Soluble	Analysis	9056A		5	348244	09/10/14 16:41	DAS	TAL SAV
SPLP East	Leach	1312			347443	09/04/14 21:22	JDS	TAL SAV
SPLP East	Prep	3010A			348770	09/12/14 10:37	CME	TAL SAV
SPLP East	Analysis	6020A		1	348928	09/13/14 13:03	BWR	TAL SAV
Total/NA	Prep	3050B			346824	09/02/14 08:55	CRW	TAL SAV
Total/NA	Analysis	6020A		1	348073	09/08/14 23:44	BWR	TAL SAV
SPLP East	Leach	1312			347443	09/04/14 21:22	JDS	TAL SAV
SPLP East	Prep	7470A			347879	09/08/14 13:35	JKL	TAL SAV
SPLP East	Analysis	7470A		1	348149	09/09/14 13:48	JKL	TAL SAV
Total/NA	Prep	7471A			347327	09/04/14 10:18	JKL	TAL SAV
Total/NA	Analysis	7471A		1	347599	09/05/14 12:18	JKL	TAL SAV
Total/NA	Prep	3-154			347605	09/05/14 13:59	JME	TAL SAV
Total/NA	Analysis	350.1		1	347696	09/05/14 15:29	JME	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	351.2		1	348280	09/10/14 11:45	AJO	TAL SAV
Soluble	Leach	DI Leach			347153	09/03/14 13:49	GRX	TAL SAV
Soluble	Analysis	353.2		1	347245	09/03/14 16:41	GRX	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	365.4		1	348279	09/10/14 11:45	AJO	TAL SAV
Total/NA	Prep	9012B			346812	09/02/14 08:00	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346936	09/02/14 12:30	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346842	09/02/14 08:59	JRJ	TAL SAV
Total/NA	Analysis	9065		1	347000	09/02/14 15:43	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	346748	08/30/14 08:56	HML	TAL SAV

Client Sample ID: Area 6 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			348568	09/11/14 22:10	JDS	TAL SAV
SPLP	Analysis	8260B		1	348864	09/15/14 17:57	MMT	TAL SAV
Total/NA	Prep	5030B			347016	09/02/14 19:27	DJK	TAL SAV
Total/NA	Analysis	8260B		1	346991	09/03/14 02:59	DJK	TAL SAV
SPLP East	Leach	1312			111501	09/04/14 21:22	CWA	TAL TAL
SPLP East	Prep	3520C			111513	09/10/14 15:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111600	09/12/14 23:04	VHW	TAL TAL
Total/NA	Prep	3546			347149	09/03/14 13:30	JMV	TAL SAV
Total/NA	Analysis	8270D		1	348472	09/11/14 13:47	LEG	TAL SAV
SPLP East	Leach	1312			111501	09/04/14 21:22	CWA	TAL TAL
SPLP East	Prep	3511			111502	09/09/14 14:42	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111533	09/10/14 15:14	CWA	TAL TAL
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	347663	09/06/14 03:28	JCK	TAL SAV
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		10	347628	09/05/14 21:01	JCK	TAL SAV
Soluble	Leach	DI Leach			348135	09/09/14 12:40	DAS	TAL SAV
Soluble	Analysis	9056A		5	348268	09/10/14 18:36	DAS	TAL SAV
SPLP East	Leach	1312			347443	09/04/14 21:22	JDS	TAL SAV
SPLP East	Prep	3010A			348770	09/12/14 10:37	CME	TAL SAV
SPLP East	Analysis	6020A		1	348928	09/13/14 13:10	BWR	TAL SAV
Total/NA	Prep	3050B			346824	09/02/14 08:55	CRW	TAL SAV
Total/NA	Analysis	6020A		1	348073	09/08/14 23:49	BWR	TAL SAV
SPLP East	Leach	1312			347443	09/04/14 21:22	JDS	TAL SAV
SPLP East	Prep	7470A			347879	09/08/14 13:35	JKL	TAL SAV
SPLP East	Analysis	7470A		1	348149	09/09/14 13:56	JKL	TAL SAV
Total/NA	Prep	7471A			347327	09/04/14 10:18	JKL	TAL SAV
Total/NA	Analysis	7471A		1	347599	09/05/14 12:27	JKL	TAL SAV
Total/NA	Prep	3-154			347605	09/05/14 13:59	JME	TAL SAV
Total/NA	Analysis	350.1		1	347696	09/05/14 15:29	JME	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	351.2		10	348280	09/10/14 12:38	AJO	TAL SAV
Soluble	Leach	DI Leach			347153	09/03/14 13:49	GRX	TAL SAV
Soluble	Analysis	353.2		1	347245	09/03/14 16:42	GRX	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	365.4		1	348279	09/10/14 11:46	AJO	TAL SAV
Total/NA	Prep	9012B			346812	09/02/14 08:00	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346936	09/02/14 12:31	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346842	09/02/14 08:59	JRJ	TAL SAV
Total/NA	Analysis	9065		1	347000	09/02/14 15:43	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	346748	08/30/14 08:56	HML	TAL SAV

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Client Sample ID: Area 7 Coarse Comp
Date Collected: 08/29/14 12:00
Date Received: 08/29/14 13:53

Lab Sample ID: 660-62560-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			348568	09/11/14 22:10	JDS	TAL SAV
SPLP	Analysis	8260B		1	348864	09/15/14 18:19	MMT	TAL SAV
Total/NA	Prep	5030B			347016	09/02/14 19:27	DJK	TAL SAV
Total/NA	Analysis	8260B		1	346991	09/03/14 03:20	DJK	TAL SAV
SPLP East	Leach	1312			111501	09/04/14 21:22	CWA	TAL TAL
SPLP East	Prep	3520C			111513	09/10/14 15:00	JCS	TAL TAL
SPLP East	Analysis	8270D		1	111600	09/12/14 23:34	VHW	TAL TAL
Total/NA	Prep	3546			347149	09/03/14 13:30	JMV	TAL SAV
Total/NA	Analysis	8270D		1	348472	09/11/14 14:12	LEG	TAL SAV
SPLP East	Leach	1312			111501	09/04/14 21:22	CWA	TAL TAL
SPLP East	Prep	3511			111502	09/09/14 14:42	LKS	TAL TAL
SPLP East	Analysis	8081B/8082A		1	111533	09/10/14 15:29	CWA	TAL TAL
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		1	347663	09/06/14 03:42	JCK	TAL SAV
Total/NA	Prep	3546			347023	09/03/14 09:38	JMK	TAL SAV
Total/NA	Analysis	8081B/8082A		10	347658	09/06/14 03:04	JCK	TAL SAV
Soluble	Leach	DI Leach			348135	09/09/14 12:40	DAS	TAL SAV
Soluble	Analysis	9056A		5	348268	09/10/14 18:51	DAS	TAL SAV
SPLP East	Leach	1312			347443	09/04/14 21:22	JDS	TAL SAV
SPLP East	Prep	3010A			348770	09/12/14 10:37	CME	TAL SAV
SPLP East	Analysis	6020A		1	348928	09/13/14 13:18	BWR	TAL SAV
Total/NA	Prep	3050B			346824	09/02/14 08:55	CRW	TAL SAV
Total/NA	Analysis	6020A		1	348073	09/08/14 23:54	BWR	TAL SAV
SPLP East	Leach	1312			347443	09/04/14 21:22	JDS	TAL SAV
SPLP East	Prep	7470A			347879	09/08/14 13:35	JKL	TAL SAV
SPLP East	Analysis	7470A		1	348149	09/09/14 13:59	JKL	TAL SAV
Total/NA	Prep	7471A			347327	09/04/14 10:18	JKL	TAL SAV
Total/NA	Analysis	7471A		1	347599	09/05/14 12:30	JKL	TAL SAV
Total/NA	Prep	3-154			347605	09/05/14 13:59	JME	TAL SAV
Total/NA	Analysis	350.1		1	347696	09/05/14 15:29	JME	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	351.2		1	348280	09/10/14 11:50	AJO	TAL SAV
Soluble	Leach	DI Leach			347153	09/03/14 13:49	GRX	TAL SAV
Soluble	Analysis	353.2		1	347245	09/03/14 16:44	GRX	TAL SAV
Total/NA	Prep	Digestion			348059	09/09/14 16:23	ASH	TAL SAV
Total/NA	Analysis	365.4		1	348279	09/10/14 11:50	AJO	TAL SAV
Total/NA	Prep	9012B			346812	09/02/14 08:00	DAM	TAL SAV
Total/NA	Analysis	9012B		1	346936	09/02/14 12:32	DAM	TAL SAV
Total/NA	Prep	Distill/Phenol			346842	09/02/14 08:59	JRJ	TAL SAV
Total/NA	Analysis	9065		1	347000	09/02/14 15:44	JRJ	TAL SAV
Total/NA	Analysis	Moisture		1	346748	08/30/14 08:56	HML	TAL SAV

Lab Chronicle

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Laboratory References:

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

TAL TAL = TestAmerica Tallahassee, 2846 Industrial Plaza Drive, Tallahassee, FL 32301, TEL (850)878-3994

Method Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL TAL
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL SAV
8081B/8082A	Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography	SW846	TAL TAL
8081B/8082A	Organochlorine Pesticides and Polychlorinated Biphenyls by Gas Chromatography	SW846	TAL SAV
9056A	Anions, Ion Chromatography	SW846	TAL SAV
6020A	Metals (ICP/MS)	SW846	TAL SAV
7470A	Mercury (CVAA)	SW846	TAL SAV
7471A	Mercury (CVAA)	SW846	TAL SAV
350.1	Nitrogen, Ammonia	MCAWW	TAL SAV
351.2	Nitrogen, Total Kjeldahl	MCAWW	TAL SAV
353.2	Nitrogen, Nitrate-Nitrite	MCAWW	TAL SAV
365.4	Phosphorus, Total	EPA	TAL SAV
9012B	Cyanide, Total andor Amenable	SW846	TAL SAV
9065	Phenolics, Total Recoverable	SW846	TAL SAV
Moisture	Percent Moisture	EPA	TAL SAV

Protocol References:

EPA = US Environmental Protection Agency

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

TAL TAL = TestAmerica Tallahassee, 2846 Industrial Plaza Drive, Tallahassee, FL 32301, TEL (850)878-3994

Certification Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Laboratory: TestAmerica Tampa

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E84282	06-30-15

Laboratory: TestAmerica Savannah

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
	AFCEE		SAVLAB	
A2LA	DoD ELAP		399.01	02-28-15
A2LA	ISO/IEC 17025		399.01	02-28-15
Alabama	State Program	4	41450	06-30-15
Arkansas DEQ	State Program	6	88-0692	01-31-15
California	NELAP	9	3217CA	07-31-14 *
Colorado	State Program	8	N/A	12-31-14
Connecticut	State Program	1	PH-0161	03-31-15
Florida	NELAP	4	E87052	06-30-15
GA Dept. of Agriculture	State Program	4	N/A	06-12-17
Georgia	State Program	4	N/A	06-30-15
Georgia	State Program	4	803	06-30-15
Guam	State Program	9	09-005r	04-16-15
Hawaii	State Program	9	N/A	06-30-15
Illinois	NELAP	5	200022	11-30-14
Indiana	State Program	5	N/A	06-30-15
Iowa	State Program	7	353	07-01-15
Kentucky (DW)	State Program	4	90084	12-31-14
Kentucky (UST)	State Program	4	18	06-30-15
Louisiana	NELAP	6	30690	06-30-14 *
Louisiana (DW)	NELAP	6	LA140023	12-31-14
Maine	State Program	1	GA00006	08-16-14 *
Maryland	State Program	3	250	12-31-14
Massachusetts	State Program	1	M-GA006	06-30-15
Michigan	State Program	5	9925	06-30-15
Mississippi	State Program	4	N/A	06-30-15
Montana	State Program	8	CERT0081	01-01-15
Nebraska	State Program	7	TestAmerica-Savannah	06-30-15
New Jersey	NELAP	2	GA769	06-30-15
New Mexico	State Program	6	N/A	06-30-15
New York	NELAP	2	10842	03-31-15
North Carolina (DW)	State Program	4	13701	07-31-15
North Carolina (WW/SW)	State Program	4	269	12-31-14
Oklahoma	State Program	6	9984	08-31-15
Pennsylvania	NELAP	3	68-00474	06-30-15
Puerto Rico	State Program	2	GA00006	12-31-14
South Carolina	State Program	4	98001	06-30-14 *
Tennessee	State Program	4	TN02961	06-30-15
Texas	NELAP	6	T104704185-08-TX	11-30-14
USDA	Federal		SAV 3-04	06-11-17
Virginia	NELAP	3	460161	06-14-15
Washington	State Program	10	C805	06-10-15
West Virginia (DW)	State Program	3	9950C	12-31-14
West Virginia DEP	State Program	3	94	06-30-15

* Certification renewal pending - certification considered valid.

Certification Summary

Client: AMEC Environment & Infrastructure, Inc.
Project/Site: Lake Seminole Sed Less Comp Location

TestAmerica Job ID: 660-62560-1

Laboratory: TestAmerica Savannah (Continued)

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Wisconsin	State Program	5	999819810	08-31-15
Wyoming	State Program	8	8TMS-L	06-30-15

Laboratory: TestAmerica Tallahassee

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Florida	NELAP	4	E81005	06-30-15
Georgia	State Program	4		06-30-15
Louisiana	NELAP	6	30663	06-30-15
New Jersey	NELAP	2	FL012	06-30-15
Texas	NELAP	6	T104704459-11-2	03-31-15

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

9/22/2014

Client Information	Sampler:	Lab PM: Robertson, Nancy	Carrier Tracking No(s):	COC No: 660-58418-18666.4
Client Contact: Mary Szafraniec	Phone: 813 7483625	E-Mail: nancy.robertson@testamericainc.com		Page: Page 4 of 9
Company: AMEC Environment & Infrastructure, Inc.				Job #:
Address: 4919 W. Laurel St.	Due Date Requested:	Analysis Requested		Preservation Codes:
City: Tampa	TAT Requested (days):			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: FL, 33607				
Phone:	PO #: Purchase Order Requested			Other:
Email: mary.szafraniec@amec.com	WO #:			
Project Name: Lake Seminole Sed Less Comp Location Pro	Project #: 66007823			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8081B - ALL TEST SPLP	8011B_9032A_9012B	All tests total Nutrients	Total Number of containers	Special Instructions/Note:
	Preservation Code:						N	N			
Comp 1-1 F	~~08-22-14~~	1600	C	Solid			1	1	1		Please set aside plastic bottles for Pick-up by Mary Szafraniec
Comp 1-2 F	8-29-14	~~1200~~		Solid			1	1	1		
Comp 1-3 F	Re-Client			Solid			1	1	1		
Comp 3-1 F				Solid			1	1	1		
Comp 5-1 F	VM 9-5-14			Solid			1	1	1		
Comp 5-2 F				Solid			1	1	1		
Comp 6-1 F				Solid			1	1	1		
Comp 6-2 F				Solid			1	1	1		
Comp 6-3 F				Solid			1	1	1		
Comp 7-1 F				Solid			1	1	1		
Comp 7-2 F				Solid			1	1	1		

Possible Hazard Identification
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed)
☑ Return To Client ☐ Disposal By Lab

660-62560 Chain of Custody

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: K PRICE Date: 8-29-14 Time: 1823 Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	8-29-14 13:56 p.m	Genesis Work		8/29/14 13:53	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 5.3/5.3, 5.7/5.7, 4.8/4.8 CV-09

TestAmerica Tampa
6712 Benjamin Road Suite 100
Tampa, FL 33634
Phone (813) 885-7427 Fax (813) 885-7049

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler:	Lab PM: Robertson, Nancy	Carrier Tracking No(s):	COC No: 660-58418-18666.5
Client Contact: Mary Szafraniec	Phone: 813 748 3625	E-Mail: nancy.robertson@testamericainc.com		Page: Page 5 of 9
Company: AMEC Environment & Infrastructure, Inc.				Job #:

Address: 4919 W. Laurel St.	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Tampa	TAT Requested (days):		A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2SO3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - ph 4-5 L - EDA Z - other (specify)
State, Zip: FL, 33607			
Phone:	PO #: Purchase Order Requested		Other:
Email: mary.szafraniec@amec.com	WO #:		
Project Name: Lake Seminole Sed Less Comp Location Pro	Project #: 66007823		
Site:	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8081B - ALL TEST SPLP	[illegible]	All tests for nutrients	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N			
Comp 7-3 F	~~8/29/14~~	~~1600~~	C	Solid			1	1	1		Please set aside plastic bottles for pick-up by Mary Szafraniec
Comp 7-4 F	8/29/14	1200		Solid			1	1	1		
Area 1 Coarse comp				Solid			1	1	1		
Area 3 Coarse Comp				Solid			1	1	1		
Area 5 Coarse Comp				Solid			1	1	1		
Area 6 Coarse Comp				Solid			1	1	1		
Area 7 Coarse Comp				Solid			1	1	1		
	received in 9-8-14			Solid							
				Solid							
				Solid							
				Solid							

Possible Hazard Identification
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☑ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date: 8-27-14	Time: 1823	Method of Shipment:			
Relinquished by:	Date/Time: 8-29-14 / 1356	Company: Geosi Water	Received by:	Date/Time: 8/29/14 13:53	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

9/22/2014

Login Sample Receipt Checklist

Client: AMEC Environment & Infrastructure, Inc.

Job Number: 660-62560-1

Login Number: 62560

List Source: TestAmerica Tampa

List Number: 1

Creator: Williams, Jennifer

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	False	Check done at department level as required.

Login Sample Receipt Checklist

Client: AMEC Environment & Infrastructure, Inc.

Job Number: 660-62560-1

Login Number: 62560
List Number: 2
Creator: Banda, Christy S

List Source: TestAmerica Savannah
List Creation: 08/30/14 09:03 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: AMEC Environment & Infrastructure, Inc.

Job Number: 660-62560-1

Login Number: 62560
List Number: 3
Creator: Amason, Chris

List Source: TestAmerica Tallahassee
List Creation: 09/09/14 12:55 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Amec Foster Wheeler
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