PRELIMINARY SITE INVESTIGATION REPORT

MORGAN STREET CORRIDOR AND BRIDGE IMPROVEMENTS
MAIN STREET (IL RTE. 2) TO KISHWAUKEE STREET (IL RTE. 251)

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TABLE OF CONTENTS

1.0 EXECUTIVE SUMMARY 1
2.0 SITE CHARACTERIZATION 3
2.1 Sources Consulted or Reviewed 3
2.2 Site History 3
2.2.1 Previous Work by CH2M HILL 3
2.3 Site Description 5
2.3.1 Regional Location and Pertinent Boundary Features 5
2.3.2 Stratigraphy 5
2.3.3 Geology 6
2.3.4 Migratory Pathways and Exposure Routes 7
2.3.5 Post-Remediation Use 7
2.4 Site Base Maps 7
2.4.1 Sources/Potential Sources of Contamination 7
2.4.2 Buildings/Utilities 8
3.0 INVESTIGATION METHODS 9
3.1 Soil Sampling 9
3.2 Analytical Methods 10
4.0 INVESTIGATION RESULTS 11
4.1 Narrative of Field Activities 11
4.1.1 Soil Boring Program 11
4.2 Quality Assurance 15
4.3 Analytical Results 17
5.0 CONCLUSION 18
6.0 GENERAL RECOMMENDATIONS 19
6.1 Excavation and Disposal 19
6.2 Excavation and Manage On-Site 19
6.3 Health and Safety 20

FIGURES

Figure 1 – Site Location Map

Figure 2 – Site Base Map

Figure 3 – Sampling Location Map

Figure 4 – Soil Contamination Distribution Map

TABLES

Table 1 – Investigation Sampling Summary

Table 2 – Soil Analytical Results

- Table 2A – Volatile Organic Compounds, TACO Limits
- Table 2B – Semi-Volatile Organic Compounds, TACO Limits
- Table 2C – Inorganic Compounds, TACO Limits

APPENDICES

Appendix A – Soil Boring Logs

Appendix B – Laboratory Analytical Reports and QA/QC Documentation

1.0 EXECUTIVE SUMMARY

This Preliminary Site Investigation Report (PSIR) for the Morgan Street Bridge project located between South Main Street and Kishwaukee Street (herein referred to as *Site*) is being completed at the request of Crawford Murphy & Tilly, Inc. of Chicago, Illinois. The intent in completion of the investigation is to further assess and characterize the spatial extents of contamination resulting from historical industrial operations known to have occurred in the vicinity of the proposed bridge reconstruction area that would otherwise hinder reconstruction activities.

As discussed in the Preliminary Environmental Site Assessment (PESA) dated June of 2005, CH2M HILL identified ten (10) properties within the *Site* as "Moderate Risk".

Fehr-Graham & Associates (FGA) completed the investigative activities to expand, or better classify, the findings identified by CH2M HILL in the PESA. FGA initiated a soil investigation consisting of twenty-six (26) soil borings and one (1) grab sample. These samples were analyzed for Target Compound List Volatile Organic Compounds (TCL VOCs), Target Compound List Semi-Volatile Organic Compounds (TCL SVOCs) and Total Inorganic Compounds. All results were compared against the soil Tiered Approach to Corrective Action Objectives for Industrial/Commercial Properties as published in Regulations – 35 Ill. Adm. Code Part 742.

Analytical results identified low level concentrations of Mercury and polynuclear aromatic compounds (PNAs), which are a subset of the TCL SVOCs, from Morgan Street Station 34+50 to Station 46+50 for the full width of the project limits. Lead, Mercury and select PNAs were identified at the Mechanically Stabilized Earth (MSE) wall location between Morgan Street Station 46+50 and 47+50. Mercury and select PNAs were also identified in the area of College Street Station 58+00, 20' LT and Station 59+75, 20' LT, extending north to the project limits.

Excavation and disposal or excavation and on-site management are the options discussed to address the impacted soils that would be encountered during the construction. Excavation and on-site management is the recommended option for the impacted soils for this project.

2.0 SITE CHARACTERIZATION

2.1 Sources Consulted or Reviewed

The following list of documents were consulted or reviewed during the characterization of the *Site*:

- CH2M Hill, 2005. Preliminary Environmental Site Assessment, CH2M Hill, Chicago Illinois.
- Crawford, Murphy & Tilly, Inc., September, 2007. Proposed Roadway Plans and Profiles, Crawford, Murphy & Tilly, Inc., Springfield, Illinois.
- Berg et al., 1984. Geology for Planning in Boone and Winnebago Counties, State Geological Survey Division, Circular 531, 69 p.
- Hackett, James E., 1960. Ground-Water Geology of Winnebago County, Illinois, Illinois State Geological Survey, Report of Investigations 213, Plate 1 and Plate 2, 63 p.
- Illinois Department of Transportation, 2007. Project Development Report, Illinois Department of Transportation.
- Crawford, Murphy & Tilly, Inc., November 5, 2010. Project Development Report, Addendum No. 1, Crawford, Murphy & Tilly, Inc., Aurora, Illinois.
- Lineback, Jerry A., Quaternary Deposits of Illinois, Illinois State Geological Survey, 1979.
- Willman et al., Handbook of Illinois Stratigraphy, Illinois State Geological Survey Bulletin 95, 1975.

2.2 Site History

2.2.1 Previous Work by CH2M HILL

In compliance with the program requirements of the Illinois Department of Transportation, CH2M HILL completed a PESA in June of 2005. This PESA listed the following findings which determined that the project be classified as "Moderate Risk."

- The PESA by CH2M HILL recommended a number of areas be investigated on a limited scale in response to significant potential for soil contamination.

- 1100 Buchanan (Former Meritage Remarketing, DWG, and Eclipse Energy parcel currently owned by the City of Rockford.)

- 129 Morgan (Former Barron Industries and Eclipse Energy parcel currently owned by the City of Rockford)

- 149 Morgan (Former Rockford Iron and Metal Co.)

- 154 and 158 Morgan (Big Baby's Bait and Tackle parcel currently owned by the City of Rockford)

- CC&P Railroad (the CC&P railroad crosses Morgan Street west of River Street and runs northwest-southeast between Martin's Auto and the abandoned industrial property)

- 165 Morgan (abandoned industrial property west of the former Barron Industries parcel)

- 175 Morgan (Currently Martin's Auto Repair, formerly HC Barnes Co, Resh Battery Distributers, Morgan Street Auto Parts, Morgan Auto Sales, and Artistic Upholstery)

- 178 Morgan (Currently Redi-Car Shop and formerly Polaski's Mobile Service, Pinky's Mobile Service, and Redi-Cars) (Currently owned by City of Rockford).

- 203 Morgan (P&W Supply, formerly listed under Dave Fabri, Tri State Beverage, and a gasoline station)

- Vacant Lot at the Southwest Corner of Morgan and Rock Streets (a former auto repair shop currently owned by the City of Rockford)

As documented within the PESA by CH2M HILL referenced above, ten (10) areas were identified as having "Moderate Risk" to the project. No investigative activities were performed as part of this PESA. FGA used the properties and Recognized Environmental Conditions (RECs) identified in the PESA as a basis for sampling locations and analysis. This investigation was intended to further quantify possible contaminated areas which could lead to delays in construction, modification of design and/or construction operations. For this reason, the extent

of the investigation was limited to the proposed road route and future right-of-way along Morgan Street between Main Street to the west and Kishwaukee Street to the East.

2.3 Site Description

2.3.1 Regional Location and Pertinent Boundary Features

The *Site* is situated in the City of Rockford, Winnebago County, within a historical industrial/commercial area along the Rock River (see Figure 1). The investigation area extends along Morgan Street approximately 0.47 miles from Main Street east to Kishwaukee Street. Morgan Street is referred to as College Avenue on the east side of the Rock River. The Corridor is comprised of commercial, industrial, and residential properties and has been a developed area since the mid-1800s. Kent Creek is located north of Morgan Street and flows into the Rock River immediately north of the Morgan Street Bridge.

There are two railroads that cross the *Site*, the Chicago, Central and Pacific (CC&P) Railroad and the Illinois Railway/Omnitrax (IR). The CC&P crosses the *Site* on the west side of the Rock River between Rock and River Streets. The IR crosses the *Site* on the east side of the Rock River, under Morgan Street Bridge's eastern road deck.

2.3.2 Stratigraphy

According to the Handbook of Illinois Stratigraphy (1975), the *Site* appears to be situated in the Rock River Hill Country of the Till Plains Section. The Soil Survey of Winnebago and Boone Counties, Illinois characterizes the county as having uplands 100 to 200 feet below the valleys. The subsurface materials are noted as generally occurring on glaciated uplands of rolling topography, consisting mainly of a glacial drift covered by a thin layer of Loess.

2.3.3 Geology

According to the map Quaternary Deposits of Illinois (1979), the *Site* is described as being situated within a region characterized by Cahokia Alluvium of Wisconsinan Stage deposited in floodplains and channels of modern rivers and streams; mostly poorly sorted sand, silt, or clay containing local deposits of sandy gravel; in many places overlies well-sorted glacial outwash of the Henry Formation. The Henry Formation is characterized by sand and gravel; generally well sorted and well bedded; deposits in valleys; mostly glacial outwash in former valley trains and terrace remnants of former valley trains. Plate 1 included in the publication Stack-Unit Mapping of Geologic Materials in Illinois to a Depth of 15 Meters (1988) further describes the geologic setting of the *Site* as occurring within a region of less than 6 meters thick Cahokia Alluvium of Holocene or late Wisconsinan age above greater than 6 meters of materials belonging to the Henry Formation. Towards the western region of the *Site*, materials are described as Peoria Loess and Roxana Silt of Holocene or late Wisconsinan age occurring at a thickness of less than 6 meters and apparently discontinuous throughout the mapped area. Below the Peoria Loess and Roxana Silt materials are described as mainly sandy diamictons of the Winnebago Formation of Illinoisan age with thicknesses of less than 6 meters. Bedrock is noted to occur beneath the Winnebago Formation, consisting of Ordovician and Cambrian rocks, mainly dolomite, some sandstone. Bedrock is also described as occurring within 6 meters of the ground surface.

Presented in the publication Ground-water Geology of Winnebago County, Illinois (1960) is information describing the bedrock surface. More specifically, the uppermost bedrock unit occurring at the *Site* appears to consist of dolomite of the Ordovician Galena-Platteville Group. Resulting from glaciations occurring during the Quaternary, glacial meltwater eroded the bedrock surface, which is noted to dip relatively steeply (approximately 13%) towards the southeast, or normal to the flow, of the Rock River and deposited both stratified and unstratified sediments.

2.3.4 Migratory Pathways and Exposure Routes

The applicable exposure routes considered as part of this Preliminary Site Investigation Report include the *Soil Inhalation Exposure Route for Industrial/Commercial property* and the *Soil Ingestion Exposure Route for Industrial/Commercial property*. These exposure routes were determined based upon the anticipated end use for the *Site* as roadway and right-of-way as specified in the CMT updated Pre-Final Plans dated November, 2010. It should be noted that any significant deviations from these plans may affect recommendations made within this report.

2.3.5 Post-Remediation Use

The future use of the *Site* is intended to be utilized as roadway and recreational path.

2.4 Site Base Maps

2.4.1 Sources/Potential Sources of Contamination

Please see Figure 2 for locations of the properties and their former uses as identified in the final PESA prepared by CH2M HILL as having “Moderate Risk” to the *Site*.

Table 1 provides a summary for all sampling locations as they relate to the properties. Also, included on Table 2 are all detections greater than Tier 1 Remediation Objectives and the identification of all reporting limits greater than Tier 1 Remediation Objectives.

2.4.2 Buildings/Utilities

Please see Figure 2 which includes all available information. Utility information was identified through City and County records and notations made by field personnel during the utility locate at the time of the investigative activities.

3.0 INVESTIGATION METHODS

All soil sampling was conducted in accordance with the Quality Assurance Project Plan (QAPP) prepared for this project.

3.1 Soil Sampling

Soil sampling was conducted with a Geoprobe Macro-Core Sampler equipped with clear PVC liners. The Macro-Core Sampler was advanced using a direct-push hammer attached to the probe unit. The sampler was advanced to the appropriate depth and then withdrawn. The end cap of the sampler was removed and the sample liner was cut in half. Immediately upon exposure of liner to ambient conditions, the entire length of the soil core was quickly field screened using a calibrated PID, and measurements obtained were recorded either on field forms or in a field notebook. The PID readings and visual observations were used to guide the interval for laboratory analysis. The selected soil samples were immediately placed into appropriate preserved soil sample containers provided by Test America Laboratories of University Park, Illinois, and were analyzed, at a minimum, for Target Compound List (TCL) Volatile Organic Compounds (VOCs), TCL Semi-volatile Organic Compounds (SVOCs), TCL Inorganics with pH as set forth in 35 IAC, Part 740. Samples submitted for analysis of TCL VOCs were collected consistent with the procedure set forth per EPA SW-846 Method 5035 freezing method. All glassware/sampling containers were provided by Test America Laboratories and included one (1) pre-weighed 40-mL, glass, threaded vial preserved with a known volume of methanol, two (2) 40-mL, glass, threaded and unpreserved vials, each with a magnetic stir bar, and one (1) approximately 60-mL unpreserved, threaded plastic bottle for moisture determination. Dedicated plastic syringes are used to collect a soil sample of approximately five

(5) grams and transfer to appropriate analysis containers with the exception of the moisture determination, which were filled to maximum extent practical.

Upon collection of a specific sample, the sample containers were labeled with the appropriate sample location, date and time collected. The corresponding information was also written to a Chain of Custody and accompanied the samples to the laboratory. The balance of the soil core was placed downhole and the remainder of the borehole was filled with bentonite chips.

3.2 Analytical Methods

To investigate the environmental impacts to the soil on the properties identified in the PESA all submitted soil samples analyzed for TCL VOCs were collected consistent with the procedure set forth were per EPA SW-846 Method 5035 freezing method. Analysis methods used for both soil and groundwater samples were as listed in 35 IAC, Part 740, consistent with the requirements of the Site Remediation Program and included Target Compound List (TCL) Volatile Organic Compounds, TCL Semi-Volatile Organic Compounds, TCL Inorganic Compounds with pH.

4.0 INVESTIGATION RESULTS

4.1 Narrative of Field Activities

All soil sampling was conducted in accordance with the Sampling and Analysis Plan dated March of 2009. More specifically, subsurface investigation was completed to determine the location and magnitude of suspected contribution to soil contamination, if any.

4.1.1 Soil Boring Program

On April 15 and April 16, 2009, a total of twenty-six (26) soil borings and one (1) grab sample were completed. The borings ranged in depth of two (2) feet to five (5) feet below surface grade, with most completed to a depth of five (5) feet. The grab sample was collected under the east side of the bridge along the west side of the easternmost pier. The intent was to determine whether impact to soil existed as a result of the railroad operations on the east bank of the Rock River.

A total of twenty-four (24) soil borings were on the west side of the Rock River. These borings were advanced to assess possible shallow soil contamination resulting from the historical use.

Four (4) soil borings (SB-1 through SB-4) were advanced on the northern right-of-way along five (5) vacant parcels on the southwest corner of the intersection of Morgan Street and Rock Street (204-214 Morgan Street). The PESA identified a historical automotive repair shop on these parcels. Additionally, the 1950 Sanborn Fire Insurance Map identified two (2) UST's located on the northwest corner of the alley running north to south along the western property boundary. Soil Boring SB-1 was advanced at this location to assess possible shallow soil contamination from these tanks. Soil borings SB-2 through SB-4 were advanced to assess

possible shallow soil contamination from the historical automotive repair operations on these properties. Four (4) soil samples were taken from these locations and analyzed for VOCs, SVOCs, and Total Inorganic Compounds.

Five (5) soil borings, SB-5 through SB-9, were advanced along the southern right-of-way of the Martin's Automotive Repair/HC Barnes Co./Resh Battery Distributers/Morgan Street Auto Parts and Artistic Upholstery properties (175-203 Morgan Street) located on the north side of the intersection of Rock Street and Morgan Street. The PESA identified a long history of automotive repair operations on these parcels. Additionally four (4) USTs were listed as being associated with the 203 Morgan Street property. Soil Borings SB-5 and SB-6 were advanced in the right-of-way between this property and the *Site*. Five (5) soil samples were taken from these soil boring locations and analyzed for VOCs, SVOCs, and Total Inorganic Compounds.

Three (3) soil borings, SB-10 through SB-12, were advanced on the north side of the former Polaski's Mobile Service, Pinky's Mobile Service, and Redi-Cars property (178 Morgan Street). The PESA identified historical automotive repair and gasoline filling station operations on this property. Three (3) soil samples were taken from these soil boring locations and analyzed for VOCs, SVOCs, and Total Inorganic Compounds.

One (1) soil boring (SB-13) was advanced on the west side of the CC&P railroad right-of-way on the south side of Morgan Street. One (1) soil sample was taken from this location to assess possible shallow soil contamination associated with the historical and current railroad operations identified in the PESA. This sample was analyzed for VOCs, SVOCs, and Total Inorganic Compounds.

One (1) soil boring (SB-14) was advanced on the southern right-of-way of the vacant lot to the west of the former Barron Industries property (159-165 Morgan Street) to investigate possible shallow soil contamination associated with the former railroad siding and furniture factory operations conducted on the property. One (1) soil sample was taken from this location and analyzed for VOCs, SVOCs, and Total Inorganic Compounds.

One (1) soil boring (SB-15) was advanced on the south side of the vacant parcel west of the former Barron Industries property (149 Morgan Street). The PESA identified this property as an abandoned industrial property. Historical Sanborn Fire Insurance Maps identified a junkyard on this property in 1950 and 1951. The soil sample taken from this soil boring location was analyzed for VOCs, SVOCs, and Total Inorganic Compounds.

Four (4) soil borings, SB-16 through SB-20, were advanced on the south side of the former Barron Industries property (129 Morgan Street), currently owned by the City of Rockford, to assess possible shallow soil contamination from the historical metal finishing operations conducted on the northern portion of the former Barron Industries property. The PESA identified the historical use of chlorinated solvents on this property. The six (6) samples taken from the soil borings were analyzed for Volatile Organic Compounds (VOCs), Semi-Volatile Organic Compounds (SVOCs) and Total Inorganic Compounds.

One (1) soil boring (SB-22) was advanced under the Morgan Street bridge, along the west bank, to investigate the extent of possible soil contamination from the former Eclipse Energy property and/or the former Barron Industries property on the south and north sides of the boring location, respectively. One (1) soil sample was taken from this boring location and analyzed for VOCs, SVOCs, and Total Inorganic Compounds.

Two (2) soil borings (SB-18 and SB-21) were advanced on the north side of the former Meritage Remarketing, DWG, Eclipse Energy parcel (1100 Buchanan Street), currently owned by the City of Rockford. Sanborn Fire Insurance Maps identified the Eclipse Energy parcel as a fuel engineering facility with a machine shop located on the north side of the plant. The PESA identified two (2) underground storage tanks (USTs), a Leaking Underground Storage Tank (LUST) incident, and was classified as a large quantity generator (LQG) under the Resource Conservation and Recovery Act (RCRA). The two (2) soil borings were advanced to assess possible shallow soil contamination from these Recognized Environmental Conditions (RECs). Two (2) soil samples were taken from the soil boring locations and analyzed for VOCs, SVOCs, and Total Inorganic Compounds.

Two (2) soil borings (SB-25 and SB-26) were advanced on the north side of the former Big Babies Bait and Tackle shop (154-158 Morgan Street), currently owned by the City of Rockford. The PESA identified these two (2) parcels as the former site of Perrecone Coal and Lumber from the 1960s through the mid-1980s. Additionally, a historical railroad line was identified on the west side of this property. One (1) soil boring (SB-25) was advanced at the location where this historical railroad line crossed the right-of-way on the west side of this property. One (1) soil boring (SB-26) was advanced on the north side of the coal yard as identified in the 1950 Sanborn Fire Insurance Maps. Two (2) soil samples were taken from the two (2) soil boring locations and analyzed for VOCs, SVOCs, and Total Inorganic Compounds.

A total of three (3) soil samples were taken from locations on the east side of the Rock River. Two (2) of these samples (SB-23 and SB-24) were taken from soil borings advanced to a depth of approximately 5 feet below the ground surface. One (1) soil sample (SB-27) was taken as a grab sample on the west side of the railroad crossing along the east side of the Rock River.

These two (2) soil borings were advanced to assess possible shallow soil contamination associated with the active and historic filling stations at 360 College Avenue that could be encountered during roadway construction. The grab sample was taken to assess possible shallow soil contamination associated with the active railroad operations at this crossing. All of the samples taken from these locations were analyzed for VOCs, SVOCs, and Total Inorganic Compounds.

4.2 Quality Assurance

The quality assurance (QA) and quality control (QC) requirements ensure that the environmental data collected during this project is of the highest standard feasible, as appropriate for the intended application. The overall QA objective for this project is to implement procedures for field sampling, chain of custody (COC), laboratory analysis, and reporting using Site Remediation Program protocol. Specific procedures for sampling, COC, laboratory instrument calibration, laboratory analysis, reporting of data, internal quality control, audits, preventative maintenance of field equipment, and corrective action are described in sections of the approved Quality Assurance Project Plan (QAPP), where applicable.

Soil samples were collected in accordance with the project-specific Sampling Analysis Plan, FGA SOPs. Sample-handling procedures included field documentation, COC documentation, sample shipment, and laboratory sample tracking. The possession and handling of samples were documented from the time of collection to delivery to the laboratory. Field personnel maintained custody of all samples until they were relinquished to another custodian, the laboratory, or to the freight shipper. Samples were packaged and transported in a manner

that maintained the integrity of the sample(s) and permitted the analysis to be performed within the prescribed holding time. Samples were either couriered or shipped via overnight to the lab.

Instruments used to gather, generate, or measure field environmental data were calibrated with sufficient frequency and in such manner that accuracy and reproducibility of results were consistent with the manufacturer's specifications. Field measurement instruments included a PID meter used to detect VOC concentration. As applicable, field instruments were calibrated daily prior to use.

Field-sampling precision and data quality were evaluated through the use of sample duplicates and trip blanks. Sample duplicates provided precision information regarding homogeneity, handling, transportation, storage, and analysis. Trip blanks were used with VOCs only, to ensure that transportation and/or the preservation of the samples did not introduce contamination. Field QC samples are detailed below.

- Field Duplicate:

  The field duplicate will be sampled at the same location as an investigative sample. The field duplicate should be collected side-by-side and in the same order as the investigative sample (e.g. collect investigative VOC sample, collect the VOC field duplicate, collect the investigative SVOC sample, and collect the SVOC field duplicate, and so on). After the VOC samples are collected, the remaining soil will be homogenized and then split into the investigative sample containers and the field duplicate containers. The field duplicate represents the precision of the field collection and lab methods and site heterogeneity.

- Matrix Spike/Matrix Spike Duplicate (MS/MSD):

  An additional sample set should be collected in duplicate in the same fashion as the field duplicate. These samples are collected for the laboratory's quality control. The samples should be collected in an area where contaminants are assumed to be low, as the presence of contaminants may interfere with the laboratory's spike.

- Trip Blank:

  This sample is collected at the laboratory using analyte free water in the appropriate sample containers with the proper preservative, taken out in the field, and returned to the laboratory for analysis without being opened. Trip blanks are required only when VOCs will be analyzed. Trip blanks will be submitted at the rate of one (1) trip blank per shipping container of VOCs. Trip blanks are used to assess contamination introduced during sample transport.

The laboratory is responsible for ensuring that the laboratory's data precision and accuracy are maintained in accordance with specifications. Internal laboratory duplicates and calibration checks are performed on one (1) of every 20 samples submitted for analysis. Other internal laboratory QA/QC is performed according to laboratory standard operating procedures (SOP).

Data quality objectives for measurements during this project were addressed in terms of precision, accuracy, representativeness, completeness, comparability, and sensitivity. QA/QC activities and data usability assessments were performed to ensure that the collected data was properly documented, met project objectives, and produced reliable data.

4.3 Analytical Results

Please see Table 2 for Soil Analytical Results as compared to Tier 1 Remediation Objectives. Laboratory analytical reports are provided in Appendix B.

Please see Figure 4 for the Soil Contamination Distribution Map indicating the sampling locations and concentrations of detected analytical parameters above Tier I Remediation Objectives at the sampling locations.

5.0 CONCLUSION

Based on the results of this investigation, it has been determined there are contaminants in soil located on the *Site* that exceed several Tier 1 Remediation Objectives. In general, levels of Mercury exceeded Tier I Construction Worker Inhalation Standards throughout the *Site*. Lead was encountered at the SB-21 boring location at levels which exceed Construction Worker Ingestion and Industrial/ Commercial Ingestion limits. Additionally, levels of several SVOCs exceeded Tier I Construction Worker Inhalation, Ingestion, Commercial Industrial Ingestion and Inhalation Limits at the *Site*.

Based on analytical data, it appears that the majority of the SVOC contamination is localized to an area surrounding the former Barron Industries property and former Eclipse Energy facility. Please see Figure 4, Soil Contamination Distribution Map, for details. Additional SVOC contamination was observed in the area around the former railroad spur on the west side of the former Big Baby's Bait Shop, current filling station on the east side of the river, and former auto parts facilities on the northeast corner of the intersection of Morgan Street and Rock Street. Mercury was found over the majority of the site. During investigative activities, areas of fill/cinders were observed below the road-base. Analytical results determined that these areas contained the highest concentrations of SVOCs and Mercury. SVOC's, in particular polynuclear aromatic (PNAs) compounds, and mercury, are commonly observed in coal combustion byproducts, or more commonly referred to as cinders on coal ash.

Based upon the above described results, FGA has identified several options to address the environmental impacts as part of the construction.

6.0 GENERAL RECOMMENDATIONS

The low level contaminant impact to the soils investigated at the site must be managed as part of the construction for the project. We evaluated two (2) options, excavation and disposal versus excavation and management on-site. Disposal would have to be at a permitted landfill facility as the level of contaminants identified does exceed the criteria that would be needed for certification for disposal at a Clean Construction Demolition Debris (CCDD) permitted facility. The other option is to keep the impacted soil on the project site to be used as needed landscape fill.

6.1 Excavation and Disposal

During excavation activities in the impacted areas identified, field personnel could remove the impacted soil below the road-base and replace with clean fill. This material should be removed and disposed of properly at a landfill and cannot be exported from the site as clean fill. Additional testing for disposal purposes may be required. This course of action will incur substantial transportation and disposal costs.

6.2 Excavation and Manage On-Site

Another option is to excavate and remove the impacted soil and move it to stockpile location another area of the *Site* as detailed in the plans and specifications. Stockpiled soil would be covered until placed. We recommend that three (3) feet of soil be placed over any excavated soil to provide a protective barrier on placed. The location must be carefully considered based on future use of the right-of-way and immediately adjacent to the right-of-way. We recommend that an Environmental Firm monitor the excavation, stockpiling and final placement of the soils.

6.3 Health and Safety

All of the proposed activities, as described above in either option above, must be performed by OSHA 40-hour HAZWOPER trained personnel with current 8-hour refresher and medical monitoring. Due to the ingestion and inhalation risks, proper Personal Protective Equipment (PPE) should be worn by construction personnel in the area and a Health and Safety Plan should be in place prior to construction activities. These items should be noted in the Special Provisions section of the Construction Bid Specifications.

FIGURES

Figure 1

Site Location Map

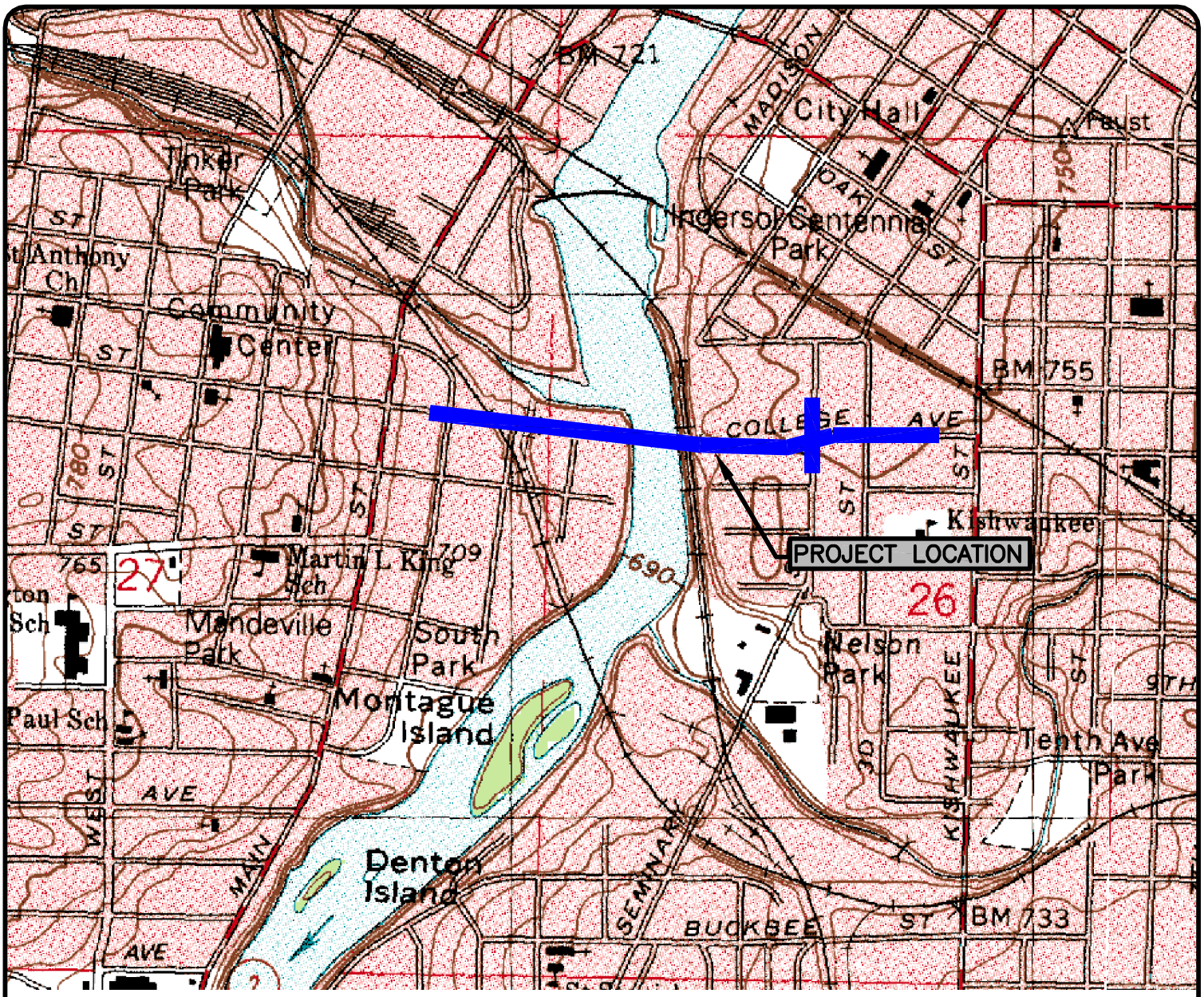

FIGURE 1

SITE LOCATION MAP
CITY OF ROCKFORD
MORGAN STREET BRIDGE
ROCKFORD, ILLINOIS

N
W E
S

1000 0 1000 FEET

GRAPHIC SCALE IN FEET

01/26/11

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FREEPORT, IL ROCKFORD, IL ROCHELLE, IL SPRINGFIELD, IL MONROE, WI
ILLINOIS DESIGN FIRM NO. 184-003525

G:\EGLPT\08\48361\48361 Base A.dwg, Layout1

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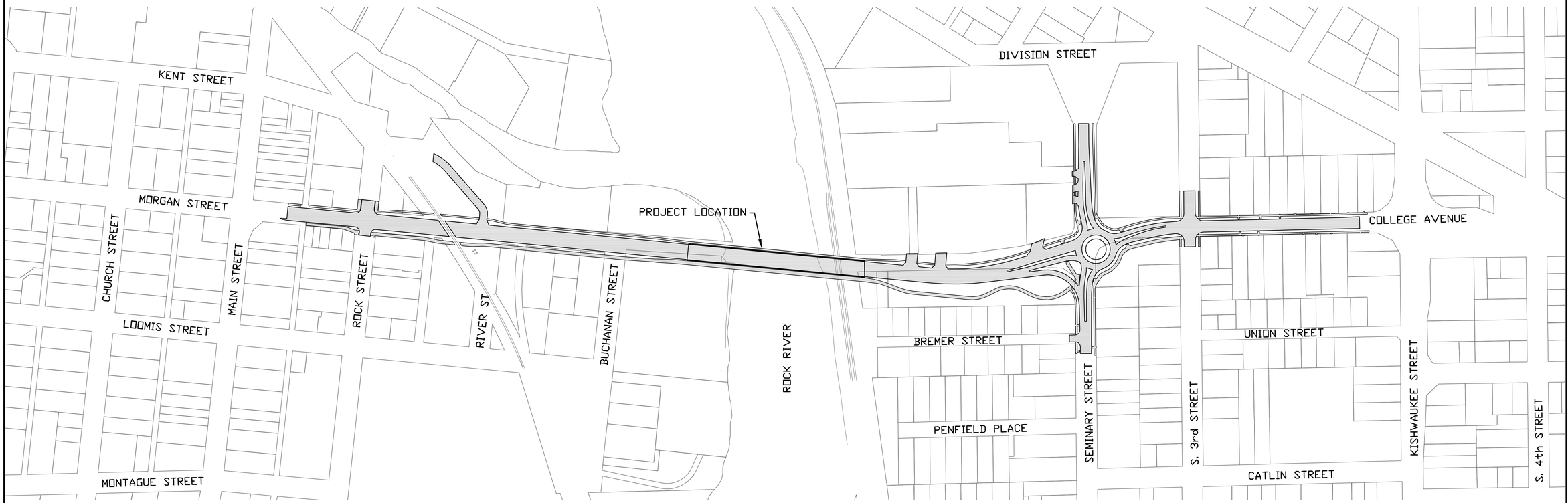
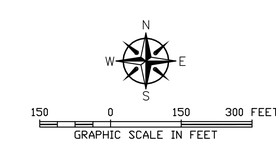
Figure 2

Site Base Map





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OWNER/DEVELOPER:
CITY OF ROCKFORD
ROCKFORD, ILLINOIS

PROJECT AND LOCATION:
MORGAN STREET BRIDGE
RECONSTRUCTION PROJECT

DRAWN BY: B.F.
APPROVED BY: J.Z.
DATE: 1/26/2011
SCALE: AS NOTED

REVISIONS

REV. NO.	DESCRIPTION	DATE

DRAWING:
FIGURE 2
SITE BASE MAP

G:\EGLPT\08\48361\48361 Base B.dwg, Layout1

JOB NUMBER:
48361

SHEET NUMBER:
1 of 3

Figure 3

Sampling Location Map

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ENGINEERING AND SCIENCE CONSULTANTS
FREEPORT, IL ROCKFORD, IL ROCHELLE, IL SPRINGFIELD, IL MONROE, WI
ILLINOIS DESIGN FIRM NO. 184-003525

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OWNER/DEVELOPER:
CITY OF ROCKFORD
ROCKFORD, ILLINOIS

PROJECT AND LOCATION:
MORGAN STREET BRIDGE
RECONSTRUCTION PROJECT

DRAWN BY: B.F.
APPROVED BY: J.Z.
DATE: 1/26/2011
SCALE: AS NOTED

REVISIONS

REV. NO.	DESCRIPTION	DATE

DRAWING:
FIGURE 3
SAMPLING LOCATION MAP

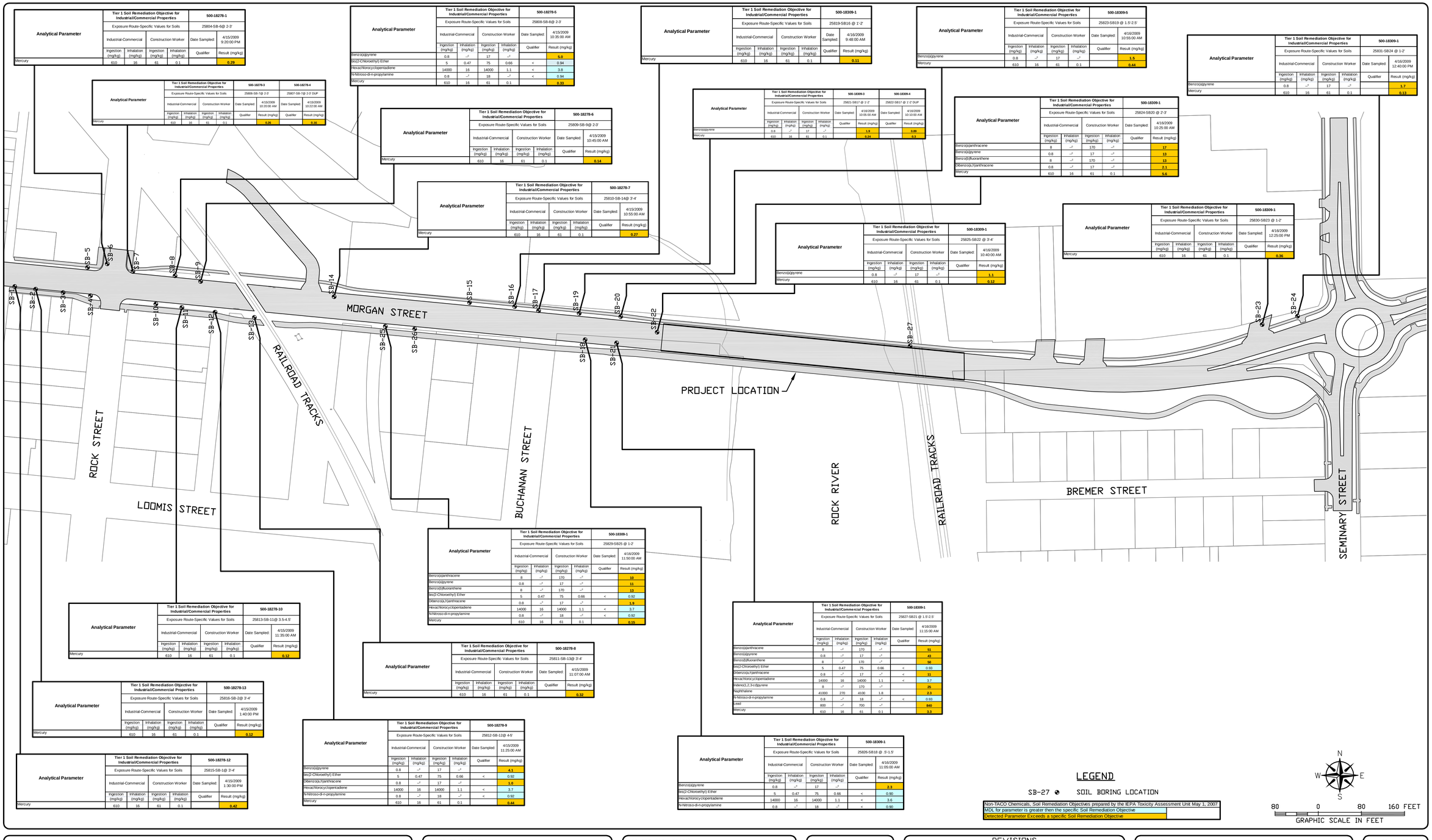
G:\EGLPT\08\48361\48361 Base B.dwg, Layout2

JOB NUMBER:
48361

SHEET NUMBER:
2 of 3

Figure 4

Soil Contamination Distribution Map



Analytical Parameter	Tier 1 Soil Remediation Objective for Industrial/Commercial Properties				500-18278-1
	Exposure Route-Specific Values for Soils				25804-SB-6@ 2-3'
	Industrial-Commercial		Construction Worker		Date Sampled: 4/15/2009 9:20:00 PM
	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier / Result (mg/kg)
Mercury	610	16	61	0.1	**0.29**

Analytical Parameter	Tier 1 Soil Remediation Objective for Industrial/Commercial Properties				500-18278-5	
	Exposure Route-Specific Values for Soils				25808-SB-8@ 2-3'	
	Industrial-Commercial		Construction Worker		Date Sampled:	4/15/2009 10:35:00 AM
	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier	Result (mg/kg)
Benzo(a)pyrene	0.8	--	17	--		**5.0**
Bis(2-Chloroethyl) Ether	5	0.47	75	0.66	<	0.94
Hexachlorocyclopentadiene	14000	16	14000	1.1	<	3.8
N-Nitroso-di-n-propylamine	0.8	--	18	--	<	0.94
Mercury	610	16	61	0.1		**0.39**

Analytical Parameter	Tier 1 Soil Remediation Objective for Industrial/Commercial Properties				500-18309-1	
	Exposure Route-Specific Values for Soils				25819-SB16 @ 1'-2'	
	Industrial-Commercial		Construction Worker		Date Sampled:	4/16/2009 9:48:00 AM
	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier	Result (mg/kg)
Mercury	610	16	61	0.1		**0.11**

Analytical Parameter	Tier 1 Soil Remediation Objective for Industrial/Commercial Properties				500-18309-5	
	Exposure Route-Specific Values for Soils				25823-SB19 @ 1.5'-2.5'	
	Industrial-Commercial		Construction Worker		Date Sampled:	4/16/2009 10:55:00 AM
	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier	Result (mg/kg)
Benzo(a)pyrene	0.8	--	17	--		**1.5**
Mercury	610	16	61	0.1		**0.44**

Analytical Parameter	Tier 1 Soil Remediation Objective for Industrial/Commercial Properties				500-18309-1	
	Exposure Route-Specific Values for Soils				25831-SB24 @ 1-2'	
	Industrial-Commercial		Construction Worker		Date Sampled:	4/16/2009 12:40:00 PM
	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier	Result (mg/kg)
Benzo(a)pyrene	0.8	--	17	--		**1.7**
Mercury	610	16	61	0.1		**0.13**

Analytical Parameter	Tier 1 Soil Remediation Objective for Industrial/Commercial Properties				500-18278-3		500-18278-4	
	Exposure Route-Specific Values for Soils				25806-SB-7@ 2-3'		25807-SB-7@ 2-3' DUP	
	Industrial-Commercial		Construction Worker		Date Sampled:	4/15/2009 10:20:00 AM	Date Sampled:	4/15/2009 10:22:50 AM
	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)
Mercury	610	16	61	0.1		**0.26**		**0.16**

Analytical Parameter	Tier 1 Soil Remediation Objective for Industrial/Commercial Properties				500-18278-6	
	Exposure Route-Specific Values for Soils				25809-SB-9@ 2-3'	
	Industrial-Commercial		Construction Worker		Date Sampled:	4/15/2009 10:45:00 AM
	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier	Result (mg/kg)
Mercury	610	16	61	0.1		**0.14**

Analytical Parameter	Tier 1 Soil Remediation Objective for Industrial/Commercial Properties				500-18309-3		500-18309-4	
	Exposure Route-Specific Values for Soils				25821-SB17 @ 1'-2'		25822-SB17 @ 1'-2' DUP	
	Industrial-Commercial		Construction Worker		Date Sampled:	4/16/2009 10:05:00 AM	Date Sampled:	4/16/2009 10:10:00 AM
	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)
Benzo(a)pyrene	0.8	--	17	--		**1.9**		**0.89**
Mercury	610	16	61	0.1		**0.24**		**0.3**

Analytical Parameter	Tier 1 Soil Remediation Objective for Industrial/Commercial Properties				500-18309-1	
	Exposure Route-Specific Values for Soils				25824-SB20 @ 2'-3'	
	Industrial-Commercial		Construction Worker		Date Sampled:	4/16/2009 10:25:00 AM
	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier	Result (mg/kg)
Benzo(a)anthracene	8	--	170	--		**17**
Benzo(a)pyrene	0.8	--	17	--		**13**
Benzo(b)fluoranthene	8	--	170	--		**13**
Dibenzo(a,h)anthracene	0.8	--	17	--		**2.1**
Mercury	610	16	61	0.1		**5.6**

Analytical Parameter	Tier 1 Soil Remediation Objective for Industrial/Commercial Properties				500-18278-7	
	Exposure Route-Specific Values for Soils				25810-SB-14@ 3'-4'	
	Industrial-Commercial		Construction Worker		Date Sampled:	4/15/2009 10:55:00 AM
	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier	Result (mg/kg)
Mercury	610	16	61	0.1		**0.27**

Analytical Parameter	Tier 1 Soil Remediation Objective for Industrial/Commercial Properties				500-18309-1	
	Exposure Route-Specific Values for Soils				25825-SB22 @ 3'-4'	
	Industrial-Commercial		Construction Worker		Date Sampled:	4/16/2009 10:40:00 AM
	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier	Result (mg/kg)
Benzo(a)pyrene	0.8	--	17	--		**1.1**
Mercury	610	16	61	0.1		**0.12**

Analytical Parameter	Tier 1 Soil Remediation Objective for Industrial/Commercial Properties				500-18309-1	
	Exposure Route-Specific Values for Soils				25830-SB23 @ 1-2'	
	Industrial-Commercial		Construction Worker		Date Sampled:	4/16/2009 12:25:00 PM
	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier	Result (mg/kg)
Mercury	610	16	61	0.1		**0.36**

Analytical Parameter	Tier 1 Soil Remediation Objective for Industrial/Commercial Properties				500-18309-1	
	Exposure Route-Specific Values for Soils				25829-SB25 @ 1-2'	
	Industrial-Commercial		Construction Worker		Date Sampled:	4/16/2009 11:50:00 AM
	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier	Result (mg/kg)
Benzo(a)anthracene	8	--	170	--		**10**
Benzo(a)pyrene	0.8	--	17	--		**11**
Benzo(b)fluoranthene	8	--	170	--		**13**
Bis(2-Chloroethyl) Ether	5	0.47	75	0.66	<	0.92
Dibenzo(a,h)anthracene	0.8	--	17	--		**1.9**
Hexachlorocyclopentadiene	14000	16	14000	1.1	<	3.7
N-Nitroso-di-n-propylamine	0.8	--	18	--	<	0.92
Mercury	610	16	61	0.1		**0.15**

Analytical Parameter	Tier 1 Soil Remediation Objective for Industrial/Commercial Properties				500-18278-10	
	Exposure Route-Specific Values for Soils				25813-SB-11@ 3.5-4.5'	
	Industrial-Commercial		Construction Worker		Date Sampled:	4/15/2009 11:35:00 AM
	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier	Result (mg/kg)
Mercury	610	16	61	0.1		**0.12**

Analytical Parameter	Tier 1 Soil Remediation Objective for Industrial/Commercial Properties				500-18278-8	
	Exposure Route-Specific Values for Soils				25811-SB-13@ 3'-4'	
	Industrial-Commercial		Construction Worker		Date Sampled:	4/15/2009 11:07:00 AM
	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier	Result (mg/kg)
Mercury	610	16	61	0.1		**0.32**

Analytical Parameter	Tier 1 Soil Remediation Objective for Industrial/Commercial Properties				500-18309-1	
	Exposure Route-Specific Values for Soils				25827-SB21 @ 1.5'-2.5'	
	Industrial-Commercial		Construction Worker		Date Sampled:	4/16/2009 11:15:00 AM
	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier	Result (mg/kg)
Benzo(a)anthracene	8	--	170	--		**51**
Benzo(a)pyrene	0.8	--	17	--		**43**
Benzo(b)fluoranthene	8	--	170	--		**50**
Bis(2-Chloroethyl) Ether	5	0.47	75	0.66	<	0.93
Dibenzo(a,h)anthracene	0.8	--	17	--	<	**11**
Hexachlorocyclopentadiene	14000	16	14000	1.1	<	3.7
Indeno(1,2,3-cd)pyrene	8	--	170	--		**25**
Naphthalene	41000	270	4100	1.8		**2.3**
N-Nitroso-di-n-propylamine	0.8	--	18	--	<	0.93
Lead	800	--	700	--		**840**
Mercury	610	16	61	0.1		**3.3**

Analytical Parameter	Tier 1 Soil Remediation Objective for Industrial/Commercial Properties				500-18278-13	
	Exposure Route-Specific Values for Soils				25816-SB-2@ 3'-4'	
	Industrial-Commercial		Construction Worker		Date Sampled:	4/15/2009 1:40:00 PM
	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier	Result (mg/kg)
Mercury	610	16	61	0.1		**0.12**

Analytical Parameter	Tier 1 Soil Remediation Objective for Industrial/Commercial Properties				500-18278-12	
	Exposure Route-Specific Values for Soils				25815-SB-1@ 3'-4'	
	Industrial-Commercial		Construction Worker		Date Sampled:	4/15/2009 1:30:00 PM
	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier	Result (mg/kg)
Mercury	610	16	61	0.1		**0.42**

Analytical Parameter	Tier 1 Soil Remediation Objective for Industrial/Commercial Properties				500-18278-9	
	Exposure Route-Specific Values for Soils				25812-SB-12@ 4-5'	
	Industrial-Commercial		Construction Worker		Date Sampled:	4/15/2009 11:25:00 AM
	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier	Result (mg/kg)
Benzo(a)pyrene	0.8	--	17	--		**4.1**
Bis(2-Chloroethyl) Ether	5	0.47	75	0.66	<	0.92
Dibenzo(a,h)anthracene	0.8	--	17	--		**1.0**
Hexachlorocyclopentadiene	14000	16	14000	1.1	<	3.7
N-Nitroso-di-n-propylamine	0.8	--	18	--	<	0.92
Mercury	610	16	61	0.1		**0.44**

Analytical Parameter	Tier 1 Soil Remediation Objective for Industrial/Commercial Properties				500-18309-1	
	Exposure Route-Specific Values for Soils				25826-SB18 @ .5'-1.5'	
	Industrial-Commercial		Construction Worker		Date Sampled:	4/16/2009 11:05:00 AM
	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier	Result (mg/kg)
Benzo(a)pyrene	0.8	--	17	--		**2.3**
Bis(2-Chloroethyl) Ether	5	0.47	75	0.66	<	0.90
Hexachlorocyclopentadiene	14000	16	14000	1.1	<	3.6
N-Nitroso-di-n-propylamine	0.8	--	18	--	<	0.90

LEGEND

SB-27 SOIL BORING LOCATION

Non-TACO Chemicals, Soil Remediation Objectives prepared by the IEPA Toxicity Assessment Unit May 1, 2007
MDL for parameter is greater then the specific Soil Remediation Objective
Detected Parameter Exceeds a specific Soil Remediation Objective

N W E S

80 0 80 160 FEET
GRAPHIC SCALE IN FEET

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ENGINEERING AND SCIENCE CONSULTANTS
FREEPORT, IL ROCKFORD, IL ROCHELLE, IL SPRINGFIELD, IL MONROE, WI
ILLINOIS DESIGN FIRM NO. 184-003525

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OWNER/DEVELOPER:
CITY OF ROCKFORD
ROCKFORD, ILLINOIS

PROJECT AND LOCATION:
MORGAN STREET BRIDGE
RECONSTRUCTION PROJECT

DRAWN BY: B.F.
APPROVED BY: J.Z.
DATE: 1/26/2011
SCALE: AS NOTED

REVISIONS

REV. NO.	DESCRIPTION	DATE

DRAWING:
FIGURE 4
SOIL CONTAMINATION DISTRIBUTION MAP

G:\EGLPT\08\48361\48361 Base B.dwg, Layout3

JOB NUMBER:
48361

SHEET NUMBER:
3 of 3

TABLES

Table 1

Investigation Sampling Summary

Table 1
Morgan Street Bridge
Rockford, Illinois
Soil Sample Location Summary

Sample ID	*Location*	*REC Investigated*	*Depth*	*Analysis Parameters*	*QA/QC*
SB-1	Northwest corner of 214 Morgan Street	Former Auto Repair and Filling Station	3-4'	VOCs, SVOCs, Inorganics	
SB-2	North side of 210 Morgan Street	Former Auto Repair and Filling Station	3-4'	VOCs, SVOCs, Inorganics	
SB-3	North side of 204 Morgan Street	Former Auto Repair and Machine Shop	3-4'	VOCs, SVOCs, Inorganics	
SB-4	Northeast corner of 208 Morgan Street	Former Auto Repair and Machine Shop	2-3'	VOCs, SVOCs, Inorganics	
SB-5	Western right of way near 203 Morgan Street	Former Filling Station and Auto Repair (USTs in ROW)	2-3'	VOCs, SVOCs, Inorganics	
SB-6	Southern right of way near 203 Morgan Street	Former Filling Station and Auto Repair (USTs in ROW)	2-3'	VOCs, SVOCs, Inorganics	
SB-7	Southwest corner of 175 Morgan Street	Former Automotive Repair	2-3'	VOCs, SVOCs, Inorganics	Duplicate
SB-8	South right of way of 175 Morgan Street	Former Automotive Repair	2-3'	VOCs, SVOCs, Inorganics	
SB-9	South right of way of 175 Morgan Street	Former Automotive Repair	2-3'	VOCs, SVOCs, Inorganics	
SB-10	North right of way of 178 Morgan Street	Former Filling stations, auto repair, bulk oil plant	3-4'	VOCs, SVOCs, Inorganics	
SB-11	North right of way of 178 Morgan Street	Former Filling stations, auto repair, bulk oil plant	3.5-4.5'	VOCs, SVOCs, Inorganics	
SB-12	North right of way of 178 Morgan Street	Former Filling stations, auto repair, bulk oil plant	4-5'	VOCs, SVOCs, Inorganics	
SB-13	West side of CNIC Railroad Crossing	Former and current railroad operations	3-4'	VOCs, SVOCs, Inorganics	
SB-14	Southern right of way near 159-165 Morgan Street	Former Railroad siding and furniture factory	3-4'	VOCs, SVOCs, Inorganics	
SB-15	Southern right of way near 149 Morgan Street	Former scrap yard/ junk yard	1-2'	VOCs, SVOCs, Inorganics	
SB-16	Southern right of way near 149 Morgan Street	Former scrap yard/ junk yard	1-2'	VOCs, SVOCs, Inorganics	
SB-17	Southern right of way near 129 Morgan Street	Former Barron Industries Industrial Site	1-2'	VOCs, SVOCs, Inorganics	Duplicate
SB-18	North side of 1100 Buchanan Street	Former Eclipse Energy Industrial Site	0.5-1.5'	VOCs, SVOCs, Inorganics	
SB-19	Southern right of way near 129 Morgan Street	Former Barron Industries Industrial Site	1.5-2.5'	VOCs, SVOCs, Inorganics	
SB-20	Southern right of way near 129 Morgan Street	Former Barron Industries Industrial Site	2-3'	VOCs, SVOCs, Inorganics	
SB-21	North side of 1100 Buchanan Street	Former Eclipse Energy Industrial Site	1.5-2.5'	VOCs, SVOCs, Inorganics	
SB-22	Under Morgan Street Bridge	Former Eclipse Energy and Barron Industries Sites	3-4'	VOCs, SVOCs, Inorganics	
SB-23	Southern right of way near 360 College Avenue	Active filling station	1-2'	VOCs, SVOCs, Inorganics	
SB-24	Southern right of way near 360 College Avenue	Active filling station	1-2'	VOCs, SVOCs, Inorganics	
SB-25	Northern right of way near 158 Morgan Street	Former railroad siding	1-2'	VOCs, SVOCs, Inorganics	
SB-26	Northern right of way near 154 Morgan Street	Former coal/ lumber yard	0.5-1.5'	VOCs, SVOCs, Inorganics	
SB-27	Eastern bank on the west side of railroad crossing	current railroad crossing	0-2'	VOCs, SVOCs, Inorganics	

Table 2

Soil Analytical Results

- Table 2A – Volatile Organic Compounds, TACO Limits
- Table 2B – Semi-Volatile Organic Compounds, TACO Limits
- Table 2C – Inorganic Compounds, TACO Limits

Table 2A – Volatile Organic Compounds, TACO Limits

Table 2A
Morgan Street Bridge
Rockford, Illinois
Soil Sample Results
Volatile Organic Compounds,
TACO Limits

		Tier 1 Soil Remediation Objective for Industrial/Commercial Properties				500-18278-12		500-18278-13		500-18278-14		500-18278-15		500-18278-2		500-18278-1		500-18278-3		500-18278-4	
		Exposure Route-Specific Values for Soils				25815-SB-1@ 3'-4'		25816-SB-2@ 3'-4'		25817-SB-3@ 3'-4'		25818-SB-4@ 2'-3'		25805-SB-5@ 2-3'		25804-SB-6@ 2-3'		25806-SB-7@ 2-3'		25807-SB-7@ 2-3' DUP	
		Industrial-Commercial		Construction Worker		Date Sampled:	4/15/2009 1:30:00 PM	Date Sampled:	4/15/2009 1:40:00 PM	Date Sampled:	4/15/2009 2:05:00 PM	Date Sampled:	4/15/2009 2:45:00 PM	Date Sampled:	4/15/2009 9:35:00 AM	Date Sampled:	4/15/2009 9:20:00 PM	Date Sampled:	4/15/2009 10:20:00 AM	Date Sampled:	4/15/2009 10:22:00 AM
	Analytical Parameter	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)
TARGET COMPOUND	1,1,1-Trichloroethane	--[c]	1200	--[c]	1200	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	1,1,2,2-Tetrachloroethane	120000	2000	12000	2000	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	1,1,2-Trichloroethane	8200	1800	8200	1800	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	1,1-Dichloroethane	200000	1700	200000	130	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	1,1-Dichloroethene (Dichloroethylene)	18000	1500	1800	300	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	1,2-Dichloroethane (Ethylene dichloride)	20000	1200	20000	1200	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	1,2-Dichloropropane	84	23	1800	0.5	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	2-Butanone (Methyl Ethyl Ketone, MEK)	1000000	25000	120000	710	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	2-Hexanone (Methyl-n-butyl ketone, MBK)	--[c]	--[c]	--[c]	--[c]	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	--[c]	3100	--[c]	340	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	Acetone	---	100000	---	100000		**0.0041**	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	Benzene	100	1.6	2300	2.2	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034		**0.014**
	Bromodichloromethane (Dichlorobromomethane)	92	3000	2000	3000	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	Bromoform	720	100	16000	140	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	Bromomethane (Methyl bromide)	2900	15	1000	3.9	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	Carbon Disulfide	200000	720	20000	9	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	Carbon Tetrachloride	44	0.64	410	0.9	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	Chlorobenzene (Monochlorobenzene)	41000	210	4100	1.3	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	Chloroethane (Ethyl Chloride, monochloroethane)	--[c]	--[c]	--[c]	--[c]	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	Chloroform	940	0.54	2000	0.76	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	Chloromethane (Methyl Chloride)	--[c]	--[c]	--[c]	--[c]	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	cis-1,2-Dichloroethene(Dichloroethylene)	20000	1200	20000	1200	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	cis-1,3-Dichloropropene (Dichloropropylene)	57	2.1	1200	0.39	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	Dibromochloromethane (Chlorodibromomethane)	41000	1300	41000	1300	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	Ethylbenzene	200000	400	20000	58	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	Methylene Chloride (Dichloromethane)	760	24	12000	34	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	Methyl-tert-Butyl Ether (MTBE)	20000	8800	2000	140	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	Styrene	410000	1500	41000	130	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	Tetrachloroethylene (Perchloroethylene)	110	20	2400	28	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	Toluene	410000	650	410000	42	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034		**0.0099**
	trans-1,2-Dichloroethene(Dichloroethylene)	41000	3100	41000	3100	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	trans-1,3-Dichloropropene (Dichloropropylene)	57	2.1	1200	0.39	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	Trichloroethene (Trichloroethylene)	520	8.9	1200	12	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	Vinyl chloride	7.9	1.1	170	1.1	<	0.0039	<	0.003	<	0.0038	<	0.0025	<	0.0029	<	0.003	<	0.0034	<	0.0031
	Xylenes (Total)	410000	320	41000	5.6	<	0.0078	<	0.0061	<	0.0076	<	0.005	<	0.0057	<	0.006	<	0.0067	<	0.0062

Bold Font Indicates Detected Parameter

* Indicates that ADL is less then or equal to the specified remediation objective

--[c] No toxicity criteria available for the route of exposure

NA Not available, no PQL or EQL available in USEPA analytical methods

C The batch control sample failed to meet the required acceptance criteria

F Internal standard area failed to meet the required acceptance criteria in duplicate analyses. Results should be interpreted as estimated concentrations.

X No acid surrogates recovered, unable to re-extract sample within hold time

Non-TACO Chemicals, Soil Remediation Objectives prepared by the IEPA Toxicity Assessment Unit May 1, 2007

MDL for parameter is greater then the specific Soil Remediation Objective

Detected Parameter Exceeds a specific Soil Remediation Objective

Table 2A
Morgan Street Bridge
Rockford, Illinois
Soil Sample Results
Volatile Organic Compounds,
TACO Limits

		Tier 1 Soil Remediation Objective for Industrial/Commercial Properties				500-18278-5		500-18278-6		500-18278-11		500-18278-10		500-18278-9		500-18278-8		500-18278-7		500-18309-2	
		Exposure Route-Specific Values for Soils				25808-SB-8@ 2-3'		25809-SB-9@ 2-3'		25814-SB-10@ 3'-4'		25813-SB-11@ 3.5-4.5'		25812-SB-12@ 4-5'		25811-SB-13@ 3'-4'		25810-SB-14@ 3'-4'		25820-SB15 @ 1'-2'	
		Industrial-Commercial		Construction Worker		Date Sampled:	4/15/2009 10:35:00 AM	Date Sampled:	4/15/2009 10:45:00 AM	Date Sampled:	4/15/2009 11:45:00 AM	Date Sampled:	4/15/2009 11:35:00 AM	Date Sampled:	4/15/2009 11:25:00 AM	Date Sampled:	4/15/2009 11:07:00 AM	Date Sampled:	4/15/2009 10:55:00 AM	Date Sampled:	4/16/2009 10:00:00 AM
	Analytical Parameter	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)
TARGET COMPOUND	1,1,1-Trichloroethane	--[c]	1200	--[c]	1200	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.043	<	0.0031	<	0.003
	1,1,2,2-Tetrachloroethane	120000	2000	12000	2000	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.043	<	0.0031	<	0.003
	1,1,2-Trichloroethane	8200	1800	8200	1800	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.043	<	0.0031	<	0.003
	1,1-Dichloroethane	200000	1700	200000	130	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.043	<	0.0031	<	0.003
	1,1-Dichloroethene (Dichloroethylene)	18000	1500	1800	300	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.043	<	0.0031	<	0.003
	1,2-Dichloroethane (Ethylene dichloride)	20000	1200	20000	1200	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.043	<	0.0031	<	0.003
	1,2-Dichloropropane	84	23	1800	0.5	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.043	<	0.0031	<	0.003
	2-Butanone (Methyl Ethyl Ketone, MEK)	1000000	25000	120000	710	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.086	<	0.0031	<	0.003
	2-Hexanone (Methyl-n-butyl ketone, MBK)	--[c]	--[c]	--[c]	--[c]	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.086	<	0.0031	<	0.003
	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	--[c]	3100	--[c]	340	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.086	<	0.0031	<	0.003
	Acetone	---	100000	---	100000	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.17	<	0.0031	<	0.003
	Benzene	100	1.6	2300	2.2	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.011	<	0.0031	<	0.003
	Bromodichloromethane (Dichlorobromomethane)	92	3000	2000	3000	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.086	<	0.0031	<	0.003
	Bromoform	720	100	16000	140	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.086	<	0.0031	<	0.003
	Bromomethane (Methyl bromide)	2900	15	1000	3.9	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.086	<	0.0031	<	0.003
	Carbon Disulfide	200000	720	20000	9	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.086	<	0.0031	<	0.003
	Carbon Tetrachloride	44	0.64	410	0.9	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.043	<	0.0031	<	0.003
	Chlorobenzene (Monochlorobenzene)	41000	210	4100	1.3	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.043	<	0.0031	<	0.003
	Chloroethane (Ethyl Chloride, monochloroethane)	--[c]	--[c]	--[c]	--[c]	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.086	<	0.0031	<	0.003
	Chloroform	940	0.54	2000	0.76	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.043	<	0.0031	<	0.003
	Chloromethane (Methyl Chloride)	--[c]	--[c]	--[c]	--[c]	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.086	<	0.0031	<	0.003
	cis-1,2-Dichloroethene(Dichloroethylene)	20000	1200	20000	1200	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.043	<	0.0031	<	0.003
	cis-1,3-Dichloropropene (Dichloropropylene)	57	2.1	1200	0.39	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.043	<	0.0031	<	0.003
	Dibromochloromethane (Chlorodibromomethane)	41000	1300	41000	1300	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.086	<	0.0031	<	0.003
	Ethylbenzene	200000	400	20000	58	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.011	<	0.0031	<	0.003
	Methylene Chloride (Dichloromethane)	760	24	12000	34	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.086	<	0.0031	<	0.003
	Methyl-tert-Butyl Ether (MTBE)	20000	8800	2000	140	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.086	<	0.0031	<	0.003
	Styrene	410000	1500	41000	130	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.043	<	0.0031	<	0.003
	Tetrachloroethylene (Perchloroethylene)	110	20	2400	28	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053		**0.53**	<	0.0031	<	0.003
	Toluene	410000	650	410000	42	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.011	<	0.0031	<	0.003
	trans-1,2-Dichloroethene(Dichloroethylene)	41000	3100	41000	3100	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.043	<	0.0031	<	0.003
	trans-1,3-Dichloropropene (Dichloropropylene)	57	2.1	1200	0.39	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.043	<	0.0031	<	0.003
	Trichloroethene (Trichloroethylene)	520	8.9	1200	12	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.011	<	0.0031	<	0.003
	Vinyl chloride	7.9	1.1	170	1.1	<	0.0037	<	0.0035	<	0.0029	<	0.003	<	0.0053	<	0.011	<	0.0031	<	0.003
	Xylenes (Total)	410000	320	41000	5.6	<	0.0074	<	0.0069	<	0.0058	<	0.0059	<	0.011	<	0.043	<	0.0061	<	0.006

Bold Font Indicates Detected Parameter

* Indicates that ADL is less then or equal to the specified remediation objective

--[c] No toxicity criteria available for the route of exposure

NA Not available, no PQL or EQL available in USEPA analytical methods

C The batch control sample failed to meet the required acceptance criteria

F Internal standard area failed to meet the required acceptance criteria in duplicate analyses. Results should be interpreted as estimated concentrations.

X No acid surrogates recovered, unable to re-extract sample within hold time

Non-TACO Chemicals, Soil Remediation Objectives prepared by the IEPA Toxicity Assessment Unit May 1, 2007

MDL for parameter is greater then the specific Soil Remediation Objective

Detected Parameter Exceeds a specific Soil Remediation Objective

Table 2A
Morgan Street Bridge
Rockford, Illinois
Soil Sample Results
Volatile Organic Compounds,
TACO Limits

		Tier 1 Soil Remediation Objective for Industrial/Commercial Properties				500-18309-1		500-18309-3		500-18309-4		500-18309-1		500-18309-5		500-18309-1		500-18309-1		500-18309-1	
		Exposure Route-Specific Values for Soils				25819-SB16 @ 1'-2'		25821-SB17 @ 1'-2'		25822-SB17 @ 1'-2' DUP		25826-SB18 @ .5'-1.5'		25823-SB19 @ 1.5'-2.5'		25824-SB20 @ 2'-3'		25827-SB21 @ 1.5'-2.5'		25825-SB22 @ 3'-4'	
		Industrial-Commercial		Construction Worker		Date Sampled:	4/16/2009 9:48:00 AM	Date Sampled:	4/16/2009 10:05:00 AM	Date Sampled:	4/16/2009 10:10:00 AM	Date Sampled:	4/16/2009 11:05:00 AM	Date Sampled:	4/16/2009 10:55:00 AM	Date Sampled:	4/16/2009 10:25:00 AM	Date Sampled:	4/16/2009 11:15:00 AM	Date Sampled:	4/16/2009 10:40:00 AM
	Analytical Parameter	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)
TARGET COMPOUND	1,1,1-Trichloroethane	--[c]	1200	--[c]	1200	<	0.0059	<	0.037	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	1,1,2,2-Tetrachloroethane	120000	2000	12000	2000	<	0.0059	<	0.037	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	1,1,2-Trichloroethane	8200	1800	8200	1800	<	0.0059	<	0.037	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	1,1-Dichloroethane	200000	1700	200000	130	<	0.0059	<	0.037	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	1,1-Dichloroethene (Dichloroethylene)	18000	1500	1800	300	<	0.0059	<	0.037	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	1,2-Dichloroethane (Ethylene dichloride)	20000	1200	20000	1200	<	0.0059	<	0.037	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	1,2-Dichloropropane	84	23	1800	0.5	<	0.0059	<	0.037	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	2-Butanone (Methyl Ethyl Ketone, MEK)	1000000	25000	120000	710	<	0.0059	<	0.074	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	2-Hexanone (Methyl-n-butyl ketone, MBK)	--[c]	--[c]	--[c]	--[c]	<	0.0059	<	0.074	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	--[c]	3100	--[c]	340	<	0.0059	<	0.074	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	Acetone	---	100000	---	100000	<	0.0059	<	0.15		**0.011**	<	0.0043	<	0.0034	<	0.0046		**0.080**	<	0.0067
	Benzene	100	1.6	2300	2.2	<	0.0059	<	0.0092	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	Bromodichloromethane (Dichlorobromomethane)	92	3000	2000	3000	<	0.0059	<	0.074	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	Bromoform	720	100	16000	140	<	0.0059	<	0.074	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	Bromomethane (Methyl bromide)	2900	15	1000	3.9	<	0.0059	<	0.074	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	Carbon Disulfide	200000	720	20000	9	<	0.0059	<	0.074		**0.0036**	<	0.0043	<	0.0034	<	0.0046		**0.0040**	<	0.0067
	Carbon Tetrachloride	44	0.64	410	0.9	<	0.0059	<	0.037	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	Chlorobenzene (Monochlorobenzene)	41000	210	4100	1.3	<	0.0059	<	0.037	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	Chloroethane (Ethyl Chloride, monochloroethane)	--[c]	--[c]	--[c]	--[c]	<	0.0059	<	0.074	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	Chloroform	940	0.54	2000	0.76	<	0.0059	<	0.037	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	Chloromethane (Methyl Chloride)	--[c]	--[c]	--[c]	--[c]	<	0.0059	<	0.074	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	cis-1,2-Dichloroethene(Dichloroethylene)	20000	1200	20000	1200	<	0.0059	<	0.037	<	0.0036	<	0.0043	<	0.0034	<	0.0046		**0.013**	<	0.0067
	cis-1,3-Dichloropropene (Dichloropropylene)	57	2.1	1200	0.39	<	0.0059	<	0.037	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	Dibromochloromethane (Chlorodibromomethane)	41000	1300	41000	1300	<	0.0059	<	0.074	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	Ethylbenzene	200000	400	20000	58	<	0.0059	<	0.0092	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	Methylene Chloride (Dichloromethane)	760	24	12000	34	<	0.0059		**0.18**	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	Methyl-tert-Butyl Ether (MTBE)	20000	8800	2000	140	<	0.0059	<	0.074	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	Styrene	410000	1500	41000	130	<	0.0059	<	0.037	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	Tetrachloroethylene (Perchloroethylene)	110	20	2400	28	<	0.0059		**0.17**		**0.013**	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	Toluene	410000	650	410000	42	<	0.0059	<	0.0092	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	trans-1,2-Dichloroethene(Dichloroethylene)	41000	3100	41000	3100	<	0.0059	<	0.037	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	trans-1,3-Dichloropropene (Dichloropropylene)	57	2.1	1200	0.39	<	0.0059	<	0.037	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	Trichloroethene (Trichloroethylene)	520	8.9	1200	12	<	0.0059		**1.0**		**1.1**	<	0.0043	<	0.0034	<	0.0046		**0.033**	<	0.0067
	Vinyl chloride	7.9	1.1	170	1.1	<	0.0059	<	0.0092	<	0.0036	<	0.0043	<	0.0034	<	0.0046	<	0.0053	<	0.0067
	Xylenes (Total)	410000	320	41000	5.6	<	0.012	<	0.037	<	0.0072	<	0.0087	<	0.0067	<	0.0092	<	0.011	<	0.013

Bold Font Indicates Detected Parameter

* Indicates that ADL is less then or equal to the specified remediation objective

--[c] No toxicity criteria available for the route of exposure

NA Not available, no PQL or EQL available in USEPA analytical methods

C The batch control sample failed to meet the required acceptance criteria

F Internal standard area failed to meet the required acceptance criteria in duplicate analyses. Results should be interpreted as estimated concentrations.

X No acid surrogates recovered, unable to re-extract sample within hold time

Non-TACO Chemicals, Soil Remediation Objectives prepared by the IEPA Toxicity Assessment Unit May 1, 2007

MDL for parameter is greater then the specific Soil Remediation Objective

Detected Parameter Exceeds a specific Soil Remediation Objective

Table 2B – Semi-Volatile Organic Compounds, TACO Limits

Table 2B
Morgan Street Bridge
Rockford, Illinois
Soil Sample Results
Sem-Volatile Organic Compounds,
TACO Limits

		Tier 1 Soil Remediation Objective for Industrial/Commercial Properties																									
		Exposure Route-Specific Values for Soils				500-18278-12		500-18278-13		500-18278-14		500-18278-15		500-18278-2		500-18278-1		500-18278-3		500-18278-4		500-18278-5		500-18278-6		500-18278-11	
						25815-SB-1@ 3'-4'		25816-SB-2@ 3'-4'		25817-SB-3@ 3'-4'		25818-SB-4@ 2'-3'		25805-SB-5@ 2-3'		25804-SB-6@ 2-3'		25806-SB-7@ 2-3'		25807-SB-7@ 2-3' DUP		25808-SB-8@ 2-3'		25809-SB-9@ 2-3'		25814-SB-10@ 3'-4'	
		Industrial-Commercial		Construction Worker		Date Sampled:	4/15/2009 1:30:00 PM	Date Sampled:	4/15/2009 1:40:00 PM	Date Sampled:	4/15/2009 2:05:00 PM	Date Sampled:	4/15/2009 2:45:00 PM	Date Sampled:	4/15/2009 9:35:00 AM	Date Sampled:	4/15/2009 9:20:00 PM	Date Sampled:	4/15/2009 10:20:00 AM	Date Sampled:	4/15/2009 10:22:00 AM	Date Sampled:	4/15/2009 10:35:00 AM	Date Sampled:	4/15/2009 10:45:00 AM	Date Sampled:	4/15/2009 11:45:00 AM
	Analytical Parameter	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)
TARGET COMPOUND LIST - SEMI-VOLATILE ORGANIC PARAMETERS	1,2,4-Trichlorobenzene	20000	3200	2000	920	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.19	<	0.19	<	0.94	<	0.19	<	0.20
	1,2-Dichlorobenzene (o - Dichlorobenzene)	180000	560	18000	310	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.19	<	0.19	<	0.94	<	0.19	<	0.20
	1,3-Dichlorobenzene	--[c]	--[c]	--[c]	--[c]	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.19	<	0.19	<	0.94	<	0.19	<	0.20
	1,4-Dichlorobenzene (p-Dichlorobenzene)	--[c]	17000	--[c]	340	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.19	<	0.19	<	0.94	<	0.19	<	0.20
	2,4,5-Trichlorophenol****	200000	--[c]	200000	--[c]	<	---	<	---	<	0.40	<	---	<	---	<	0.40	<	---	<	---	<	---	<	---	<	---
	2,4,6-Trichlorophenol****	520	390	11000	540	<	0.39	<	---	<	---	<	0.39	<	0.40	<	---	<	0.38	<	0.38	<	1.9	<	0.37	<	0.37
	2,4-Dichlorophenol****	6100	--[c]	610	--[c]	<	0.39	<	---	<	---	<	---	<	0.40	<	---	<	---	<	---	<	1.9	<	---	<	0.37
	2,4-Dimethylphenol	41000	--[c]	41000	--[c]	<	0.39	<	0.40	<	0.40	<	0.39	<	0.40	<	0.40	<	0.38	<	0.38	<	1.9	<	0.37	<	0.37
	2,4-Dinitrophenol	4100	--[c]	410	--[c]	<	0.80	<	0.82	<	0.81	<	0.79	<	0.81	<	0.81	<	0.77	<	0.78	<	3.8	<	0.75	<	0.76
	2,4-Dinitrotoluene	8.4	--[c]	180	--[c]	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.19	<	0.19	<	0.94	<	0.19	<	0.19
	2,6-Dinitrotoluene	8.4	--[c]	180	--[c]	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.19	<	0.19	<	0.94	<	0.19	<	0.19
	2-Chloronaphthalene (beta-Chloronaphthalene)	160000	--[c]	16000	--[c]	<	0.20	<	0.20	<	0.20	<	0.2	<	0.20	<	0.20	<	0.19	<	0.19	<	0.94	<	0.19	<	0.19
	2-Chlorophenol****	10000	53000	10000	53000	<	0.20		---	<	---	<	---	<	0.20	<	---	<	---		---	<	0.94		---	<	0.19
	2-Methylnaphthalene	8200	--[c]	820	--[c]	<	0.20	<	0.20		0.20	<	0.2	<	0.20		0.20	<	0.19		**0.025**	<	0.94	<	0.19	<	0.19
	2-Methylphenol (o - Cresol)	100000	--[c]	100000	--[c]	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.19	<	0.19	<	0.94	<	0.19	<	0.19
	2-Nitroaniline	6100	56	610	3.6		0.20		0.20	<	0.20	<	0.2	<	0.20	<	0.20	<	0.19	<	0.19	<	0.94	<	0.19	<	0.19
	2-Nitrophenol	--[c]	--[c]	--[c]	--[c]	<	0.39	<	0.40	<	0.40	<	0.39	<	0.40	<	0.40	<	0.38	<	0.38	<	1.9	<	0.37	<	0.37
	3,3'-Dichlorobenzidine	13	--[c]	280	--[c]	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.19	<	0.19	<	0.94	<	0.19	<	0.19
	3-Nitroaniline	610	400	61	26	<	0.39	<	0.40	<	0.40	<	0.39	<	0.40	<	0.40	<	0.38	<	0.38	<	1.9	<	0.37	<	0.37
	4,6-Dinitro-2-methylphenol (4,6-dinitro-o-cresol)	200	--[c]	820	--[c]	<	0.39	<	0.40	<	---	<	0.39	<	0.40	<	---	<	0.38	<	0.38	<	1.9	<	0.37	<	0.37
	4-Bromophenyl-phenylether	--[c]	--[c]	--[c]	--[c]	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.19	<	0.19	<	0.94	<	0.19	<	0.19
	4-Chloro-3-Methylphenol (3-Methyl-4-Chlorophenol)	--[c]	--[c]	--[c]	--[c]	<	0.39	<	0.40	<	0.40	<	0.39	<	0.40	<	0.40	<	0.38	<	0.38	<	1.9	<	0.37	<	0.37
	4-Chloroaniline (p-Chloroaniline)	8200	--[c]	820	--[c]	<	0.80	<	0.82	<	0.81	<	0.79	<	0.81	<	0.81	<	0.77	<	0.78	<	3.8	<	0.75	<	0.76
	4-Chlorophenyl-phenyl Ether	--[c]	--[c]	--[c]	--[c]	<	0.20	<	0.20	<	0.20	<	0.2	<	0.20	<	0.20	<	0.19	<	0.19	<	0.94	<	0.19	<	0.19
	4-Nitroaniline	6100	1600	610	110	<	0.39	<	0.40	<	0.40	<	0.39	<	0.40	<	0.40	<	0.38	<	0.38	<	1.9	<	0.37	<	0.37
	4-Nitrophenol	16000	--[c]	16000	--[c]	<	0.80	<	0.82	<	0.81	<	0.79	<	0.81	<	0.81	<	0.77	<	0.78	<	3.8	<	0.75	<	0.76
	Acenaphthene	120000	--[c]	120000	--[c]		**0.030**	<	0.040	<	0.040	<	0.039	<	0.040		**0.017**	<	0.038		**0.0088**		**0.055**		**0.013**	<	0.037
	Acenaphthylene	61000	--[c]	61000	--[c]		**0.040**		**0.023**	<	0.040	<	0.039	<	0.40		**0.043**		**0.011**		**0.080**		**0.20**		**0.011**	<	0.037
	Anthracene	610000	--[c]	610000	--[c]		**0.091**		**0.040**	<	0.040	<	0.039	<	0.040		**0.092**		**0.014**		**0.13**		**0.69**		**0.035**		**0.0078**
	Benzo(a)anthracene	8	--[c]	170	--[c]		**0.41**		**0.20**	<	0.040	<	0.039	<	0.040		**0.53**		**0.10**		**0.73**		**4.7**		**0.17**		**0.069**
	Benzo(a)pyrene	0.8	--[c]	17	--[c]		**0.37**		**0.21**	<	0.040	<	0.039	<	0.040		**0.55**		**0.11**		**0.74**		**5.0**		**0.18**		**0.065**
	Benzo(b)fluoranthene	8	--[c]	170	--[c]		**0.44**		**0.23**	<	0.040	<	0.039	<	0.040		**0.55**		**0.14**		**0.63**		**5.4**		**0.19**		**0.070**
	Benzo(g,h,i)perylene	61000	--[c]	61000	--[c]		**0.28**		**0.16**	<	0.040	<	0.039	<	0.040		**0.42**		**0.088**		**0.58**		**3.5**		**0.13**		**0.045**
	Benzo(k)fluoranthene	78	--[c]	1700	--[c]		**0.23**		**0.14**	<	0.040	<	0.039	<	0.040		**0.47**		**0.062**		**0.73**		**2.6**		**0.11**		**0.049**
	bis(2-Chloroethoxy)methane	--[c]	--[c]	--[c]	--[c]	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.19	<	0.19	<	0.94	<	0.19	<	0.19
	bis(2-Chloroethyl) Ether	5	0.47	75	0.66	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.19	<	0.19	<	0.94	<	0.19	<	0.19
	Bis(2-ethylhexyl)phthalate	410	31000	4100	31000	<	0.20	<	0.20		**0.81**	<	0.20	<	0.20	<	0.20		**0.30**		**0.21**	<	0.94	<	0.19	<	0.19
	Butylbenzylphthalate	410000	930	410000	930	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.19	<	0.19	<	0.94	<	0.19	<	0.19
	Carbazole	290	--[c]	6200	--[c]		**0.051**	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.19	<	0.19	<	0.94	<	0.19	<	0.19
	Chrysene	780	--[c]	17000	--[c]		**0.38**		**0.20**	<	0.040	<	0.039	<	0.040		**0.48**		**0.10**		**0.62**		**4.3**		**0.17**		**0.075**
	Dibenzo(a,h)anthracene	0.8	--[c]	17	--[c]		**0.060**		**0.034**	<	0.040	<	0.039	<	0.040		**0.10**		**0.023**		**0.13**		**0.78**		**0.049**		**0.011**
	Dibenzofuran	4100	--[c]	4100	--[c]	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.19	<	0.19	<	0.94	<	0.19	<	0.19
	Diethylphthalate	1000000	2000	1000000	2000	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.19	<	0.19	<	0.94	<	0.19	<	0.19
	Dimethylphthalate	--[c]	--[c]	--[c]	--[c]	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.19	<	0.19	<	0.94	<	0.19	<	0.19
	Di-n-Butylphthalate	200000	2300	200000	2300	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.19	<	0.19	<	0.94	<	0.19	<	0.19
	Di-n-octylphthalate	41000	10000	4100	10000	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.19	<	0.19	<	0.94	<	0.19	<	0.19
	Fluoranthene	82000	--[c]	82000	--[c]	<	**0.79**	<	**0.36**		0.040	<	0.039	<	0.040		**0.87**		**0.17**		**1.5**		**6.6**		**0.23**	<	**0.091**
	Fluorene	82000	--[c]	82000	--[c]	<	**0.036**	<	**0.0082**		0.041	<	0.039	<	0.040		**0.019**	<	0.038		**0.021**		**0.13**		**0.014**	<	0.037
	Hexachlorobenzene	4	1.8	78	2.6	<	0.080	<	0.082	<	0.081	<	0.079	<	0.081	<	0.081	<	0.077	<	0.078	<	0.38	<	0.075	<	0.076
	Hexachlorobutadiene (perchlorobutadiene)	--[c]	--[c]	--[c]	--[c]	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.19	<	0.19	<	0.94	<	0.19	<	0.19
	Hexachlorocyclopentadiene	14000	16	14000	1.1	<	0.80	<	0.82	<	0.81	<	0.79	<	0.81	<	0.81	<	0.77	<	0.78	<	3.8	<	0.75	<	0.76
	Hexachloroethane	2000	--[c]	2000	--[c]	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.19	<	0.19	<	0.94	<	0.19	<	0.19
	Indeno(1,2,3-cd)pyrene	8	--[c]	170	--[c]	<	**0.23**	<	**0.14**		0.040	<	0.039	<	0.040		**0.39**		**0.081**		**0.52**		**3.2**		**0.12**	<	**0.043**
	Isophorone	410000	4600	410000	4600	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.19	<	0.19	<	0.94	<	0.19	<	0.19
	Naphthalene	41000	270	4100	1.8	<	**0.023**		**0.016**		0.040	<	0.039	<	0.040		**0.024**	<	0.038		**0.041**		**0.25**		**0.013**	<	0.037
	Nitrobenzene	1000	140	1000	9.4	<	0.039	<	0.040	<	0.040	<	0.039	<	0.040	<	0.040	<	0.038	<	0.038	<	0.19	<	0.037	<	0.037
	N-Nitroso-di-n-propylamine	0.8	--[c]	18	--[c]	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.19	<	0.19	<	0.94	<	0.19	<	0.19
	N-Nitrosodiphenylamine	1200	--[c]	25000	--[c]	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.19	<	0.19	<	0.94	<	0.19	<	0.19
	Pentachlorophenol****	24	--[c]	520	--[c]	<	0.80		---	<	---	<	.79	<	0.81	<	---	<	0.77	<	0.78	<	3.8	<	0.75	<	0.76
	Phenanthrene	61000	--[c]	61000	--[c]		**0.42**		**0.17**		0.040	<	.039	<	0.040		**0.34**		**0.071**		**0.57**		**1.7**		**0.16**		**0.031**
	Phenol	610000	--[c]	61000	--[c]	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.20	<	0.19	<	0.19	<	0.94	<	0.19	<	0.19
	Pyrene	61000	--[c]	61000	--[c]		**0.62**		**0.32**		0.040	<	.039	<	0.040		**0.79**		**0.16**		**1.4**		**7.1**		**0.22**		**0.079**

Bold Font Indicates Detected Parameter

* Indicates that ADL is less then or equal to the specified remediation objective

** Limit taken from Table C of pH Specific Remediation Objectives for non-TACO Ionizing Organics for the Soil Component of the Groundwater Ingestion Route (Class I Groundwater) (mg/kg)
4,6-dinitro o-cresol: pH 4.5-4.74 (0.0063 mg/kg) pH 4.75-5.24 (0.0042 mg/kg) pH 5.25-5.74 (0.0035 mg/kg) pH 5.75-6.24 (0.0032 mg/kg) pH 6.25-9.0 (0.0031 mg/kg)

*** Limit taken from Table D of pH Specific Remediation Objectives for non-TACO Ionizing Organics for the Soil Component of the Groundwater Ingestion Route (Class II Groundwater) (mg/kg)
4,6-dinitro o-cresol: pH 4.5-4.74 (0.0063 mg/kg) pH 4.75-5.24 (0.0042 mg/kg) pH 5.25-5.74 (0.0035 mg/kg) pH 5.75-6.24 (0.0032 mg/kg) pH 6.25-9.0 (0.0031 mg/kg)

**** Refer to pH Specific Soil Remediation Objectives Tables (C & D) for Inorganics and Ionizing Organics for the Soil Component of the Groundwater Ingestion Route; used lowest pH value

--[c] No toxicity criteria available for the route of exposure

SS Site Specific based upon the weight of the soil

NA Not available, no PQL or EQL available in USEPA analytical methods

C The batch control sample failed to meet the required acceptance criteria

F Internal standard area failed to meet the required acceptance criteria in duplicate analyses. Results should be interpreted as estimated concentrations.

X No acid surrogates recovered, unable to re-extract sample within hold time

Non-TACO Chemicals, Soil Remediation Objectives prepared by the IEPA Toxicity Assessment Unit May 1, 2007

MDL for parameter is greater then the specific Soil Remediation Objective

Detected Parameter Exceeds a specific Soil Remediation Objective

Table 2B
Morgan Street Bridge
Rockford, Illinois
Soil Sample Results
Sem-Volatile Organic Compounds,
TACO Limits

		Tier 1 Soil Remediation Objective for Industrial/Commercial Properties				500-18278-10		500-18278-9		500-18278-8		500-18278-7		500-18309-2		500-18309-1		500-18309-3		500-18309-4		500-18309-1		500-18309-5	
		Exposure Route-Specific Values for Soils				25813-SB-11@ 3.5-4.5'		25812-SB-12@ 4-5'		25811-SB-13@ 3'-4'		25810-SB-14@ 3'-4'		25820-SB15 @ 1'-2'		25819-SB16 @ 1'-2'		25821-SB17 @ 1'-2'		25822-SB17 @ 1'-2' DUP		25826-SB18 @ .5'-1.5'		25823-SB19 @ 1.5'-2.5'	
		Industrial-Commercial		Construction Worker		Date Sampled:	4/15/2009 11:35:00 AM	Date Sampled:	4/15/2009 11:25:00 AM	Date Sampled:	4/15/2009 11:07:00 AM	Date Sampled:	4/15/2009 10:55:00 AM	Date Sampled:	4/16/2009 10:00:00 AM	Date Sampled:	4/16/2009 9:48:00 AM	Date Sampled:	4/16/2009 10:05:00 AM	Date Sampled:	4/16/2009 10:10:00 AM	Date Sampled:	4/16/2009 11:05:00 AM	Date Sampled:	4/16/2009 10:55:00 AM
	Analytical Parameter	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)
TARGET COMPOUND LIST - SEMI-VOLATILE ORGANIC PARAMETERS	1,2,4-Trichlorobenzene	20000	3200	2000	920	<	0.20	<	0.92	<	0.18	<	0.18	<	0.19	<	0.19	<	0.18	<	0.19	<	0.90	<	0.20
	1,2-Dichlorobenzene (o - Dichlorobenzene)	180000	560	18000	310	<	0.20	<	0.92	<	0.18	<	0.18	<	0.19	<	0.19	<	0.18	<	0.19	<	0.90	<	0.20
	1,3-Dichlorobenzene	--[c]	--[c]	--[c]	--[c]	<	0.20	<	0.92	<	0.18	<	0.18	<	0.19	<	0.19	<	0.18	<	0.19	<	0.90	<	0.20
	1,4-Dichlorobenzene (p-Dichlorobenzene)	--[c]	17000	--[c]	340	<	0.20	<	0.92	<	0.18	<	0.18	<	0.19	<	0.19	<	0.18	<	0.19	<	0.90	<	0.20
	2,4,5-Trichlorophenol****	200000	--[c]	200000	--[c]	<	---	<	---	<	---	<	0.35	<	---	<	---	<	---	<	---	<	1.8	<	0.39
	2,4,6-Trichlorophenol****	520	390	11000	540	<	0.39	<	1.8	<	0.36	<	---	<	0.39	<	0.37	<	0.36	<	0.38	<	---	<	---
	2,4-Dichlorophenol****	6100	--[c]	610	--[c]	<	0.39	<	1.8	<	---	<	---	<	---	<	0.37	<	---	<	0.38	<	---	<	---
	2,4-Dimethylphenol	41000	--[c]	41000	--[c]	<	0.39	<	1.8	<	0.36	<	0.35	<	0.39	<	0.37	<	0.36	<	0.38	<	1.8	<	0.39
	2,4-Dinitrophenol	4100	--[c]	410	--[c]	<	0.78	<	3.7	<	0.74	<	0.72	<	0.78	<	0.75	<	0.72	<	0.76	<	3.6	<	0.78
	2,4-Dinitrotoluene	8.4	--[c]	180	--[c]	<	0.20	<	0.92	<	0.18	<	0.18	<	0.19	<	0.19	<	0.18	<	0.19	<	0.90	<	0.20
	2,6-Dinitrotoluene	8.4	--[c]	180	--[c]	<	0.20	<	0.92	<	0.18	<	0.18	<	0.19	<	0.19	<	0.18	<	0.19	<	0.90	<	0.20
	2-Chloronaphthalene (beta-Chloronaphthalene)	160000	--[c]	16000	--[c]	<	0.20	<	0.92	<	0.18	<	0.18	<	0.19	<	0.19	<	0.18	<	0.19	<	0.90	<	0.20
	2-Chlorophenol****	10000	53000	10000	53000	<	0.20		0.92		---		---	<	---	<	0.19	<	---	<	0.19	<	---	<	---
	2-Methylnaphthalene	8200	--[c]	820	--[c]	<	0.20		**0.29**		**0.11**		**0.022**	<	**0.096**		**0.12**		**0.18**		**0.058**		**0.37**		**0.61**
	2-Methylphenol (o - Cresol)	100000	--[c]	100000	--[c]	<	0.20	<	0.92	<	0.18	<	0.18	<	0.19	<	0.19	<	0.18	<	0.19	<	0.90	<	0.20
	2-Nitroaniline	6100	56	610	3.6	<	0.20	<	0.92	<	0.18	<	0.18	<	0.19	<	0.19	<	0.18	<	0.19	<	0.90	<	0.20
	2-Nitrophenol	--[c]	--[c]	--[c]	--[c]	<	0.39	<	1.8	<	0.36	<	0.35	<	0.39	<	0.37	<	0.36	<	0.38	<	1.8	<	0.39
	3,3'-Dichlorobenzidine	13	--[c]	280	--[c]	<	0.20	<	0.92	<	0.18	<	0.18	<	0.19	<	0.19	<	0.18	<	0.19	<	0.90	<	0.20
	3-Nitroaniline	610	400	61	26	<	0.39	<	1.8	<	0.36	<	0.35	<	0.39	<	0.37	<	0.36	<	0.38	<	1.8	<	0.39
	4,6-Dinitro-2-methylphenol (4,6-dinitro-o-cresol)	200	--[c]	820	--[c]	<	0.39	<	1.8	<	0.36		---	<	0.39	<	0.37	<	0.36	<	0.38	<	---	<	---
	4-Bromophenyl-phenylether	--[c]	--[c]	--[c]	--[c]	<	0.20	<	0.92	<	0.18	<	0.18	<	0.19	<	0.19	<	0.18	<	0.19	<	0.90	<	0.20
	4-Chloro-3-Methylphenol (3-Methyl-4-Chlorophenol)	--[c]	--[c]	--[c]	--[c]	<	0.39	<	1.8	<	0.36	<	0.35	<	0.39	<	0.37	<	0.36	<	0.38	<	1.8	<	0.39
	4-Chloroaniline (p-Chloroaniline)	8200	--[c]	820	--[c]	<	0.78	<	3.7	<	0.74	<	0.72	<	0.78	<	0.75	<	0.72	<	0.76	<	3.6	<	0.78
	4-Chlorophenyl-phenyl Ether	--[c]	--[c]	--[c]	--[c]	<	0.20	<	0.92	<	0.18	<	0.18	<	0.19	<	0.19	<	0.18	<	0.19	<	0.90	<	0.20
	4-Nitroaniline	6100	1600	610	110	<	0.39	<	1.8	<	0.36	<	0.35	<	0.39	<	0.37	<	0.36	<	0.38	<	1.8	<	0.39
	4-Nitrophenol	16000	--[c]	16000	--[c]	<	0.78	<	3.7	<	0.74	<	0.72	<	0.78	<	0.75	<	0.72	<	0.76	<	3.6	<	0.78
	Acenaphthene	120000	--[c]	120000	--[c]	<	0.039		**0.28**		**0.020**	<	0.035	<	0.039		**0.015**		**0.90**		**0.14**		**0.15**		**0.28**
	Acenaphthylene	61000	--[c]	61000	--[c]		**0.020**		**0.28**		**0.045**		**0.018**	<	**0.013**		**0.046**		**0.029**		**0.033**		**0.28**		**0.11**
	Anthracene	610000	--[c]	610000	--[c]		**0.038**		**1.3**		**0.086**		**0.033**	<	**0.049**		**0.087**		**1.5**		**0.44**		**0.63**		**0.81**
	Benzo(a)anthracene	8	--[c]	170	--[c]		**0.20**		**4.1**		**0.70**		**0.24**	<	**0.21**		**0.48**		**2.5**		**1.2**		**2.0**		**1.9**
	Benzo(a)pyrene	0.8	--[c]	17	--[c]		**0.20**		**4.1**		**0.77**		**0.25**	<	**0.19**		**0.55**		**1.9**		**0.89**		**2.3**		**1.5**
	Benzo(b)fluoranthene	8	--[c]	170	--[c]		**0.24**		**4.3**		**0.65**		**0.29**	<	**0.24**		**0.76**		**2.6**		**1.3**		**2.5**		**1.8**
	Benzo(g,h,i)perylene	61000	--[c]	61000	--[c]		**0.13**		**2.8**		**0.53**		**0.18**	<	**0.12**		**0.44**		**1.3**		**0.55**		**1.4**		**0.91**
	Benzo(k)fluoranthene	78	--[c]	1700	--[c]		**0.096**		**2.2**		**0.67**		**0.15**	<	**0.12**		**0.31**		**0.92**		**0.40**		**1.4**		**0.82**
	bis(2-Chloroethoxy)methane	--[c]	--[c]	--[c]	--[c]	<	0.20	<	0.92	<	0.18	<	0.18	<	0.19	<	0.19	<	0.18	<	0.19	<	0.90	<	0.20
	bis(2-Chloroethyl) Ether	5	0.47	75	0.66	<	0.20	<	0.92	<	0.18	<	0.18	<	0.19	<	0.19	<	0.18	<	0.19	<	0.90	<	0.20
	Bis(2-ethylhexyl)phthalate	410	31000	4100	31000		**0.46**	<	0.92		**0.57**		**0.26**	<	0.19	<	0.19	<	0.18	<	0.19	<	0.90	<	0.20
	Butylbenzylphthalate	410000	930	410000	930	<	0.20	<	0.92	<	0.18	<	0.18	<	0.19	<	0.19	<	0.18	<	0.19	<	0.90	<	0.20
	Carbazole	290	--[c]	6200	--[c]	<	0.20		**0.26**	<	0.18	<	0.18	<	0.19	<	0.19		**1.2**		**0.21**		**0.21**		**0.30**
	Chrysene	780	--[c]	17000	--[c]		**0.19**		**3.9**		**0.63**		**0.22**	<	**0.19**		**0.61**		**2.8**		**1.0**		**2.6**		**1.9**
	Dibenzo(a,h)anthracene	0.8	--[c]	17	--[c]		**0.031**		**1.0**		**0.21**		**0.065**	<	**0.034**		**0.16**		**0.70**		**0.25**		**0.43**		**0.32**
	Dibenzofuran	4100	--[c]	4100	--[c]	<	0.20		**0.32**	<	0.18	<	0.18	<	0.19		**0.060**		**0.72**		**0.14**		**0.23**		**0.26**
	Diethylphthalate	1000000	2000	1000000	2000	<	0.20	<	0.92	<	0.18	<	0.18	<	0.19	<	0.19	<	0.18	<	0.19	<	0.90	<	0.20
	Dimethylphthalate	--[c]	--[c]	--[c]	--[c]	<	0.20	<	0.92	<	0.18	<	0.18	<	0.19	<	0.19	<	0.18	<	0.19	<	0.90	<	0.20
	Di-n-Butylphthalate	200000	2300	200000	2300	<	0.20	<	0.92	<	0.18		**0.028**	<	**0.061**	<	0.19	<	0.18	<	0.19	<	0.90	<	0.20
	Di-n-octylphthalate	41000	10000	4100	10000	<	0.20	<	0.92	<	0.18	<	0.18	<	0.19	<	0.19	<	0.18	<	0.19	<	0.90	<	0.20
	Fluoranthene	82000	--[c]	82000	--[c]		**0.30**		**7.5**		**0.92**		**0.33**	<	**0.37**		**0.70**		**6.9**		**2.0**		**4.0**		**3.5**
	Fluorene	82000	--[c]	82000	--[c]		**0.011**		**0.49**		**0.020**		**0.0096**	<	**0.012**		**0.025**		**1.1**		**0.24**		**0.27**		**0.41**
	Hexachlorobenzene	4	1.8	78	2.6	<	0.078	<	0.37	<	0.074	<	0.072	<	0.078	<	0.075	<	0.072	<	0.076	<	0.36	<	0.078
	Hexachlorobutadiene (perchlorobutadiene)	--[c]	--[c]	--[c]	--[c]	<	0.20	<	0.92	<	0.18	<	0.18	<	0.19	<	0.19	<	0.18	<	0.19	<	0.90	<	0.20
	Hexachlorocyclopentadiene	14000	16	14000	1.1	<	0.78	<	3.7	<	0.74	<	0.72	<	0.78	<	0.75	<	0.72	<	0.76	<	3.6	<	0.78
	Hexachloroethane	2000	--[c]	2000	--[c]	<	0.20	<	0.92	<	0.18	<	0.18	<	0.19	<	0.19	<	0.18	<	0.19	<	0.90	<	0.20
	Indeno(1,2,3-cd)pyrene	8	--[c]	170	--[c]		**0.12**		**2.4**		**0.48**		**0.17**	<	**0.11**		**0.38**		**1.2**		**0.51**	<	**1.3**		**0.83**
	Isophorone	410000	4600	410000	4600	<	0.20	<	0.92	<	0.18	<	0.18	<	0.19	<	0.19	<	0.18	<	0.19	<	0.90	<	0.20
	Naphthalene	41000	270	4100	1.8		**0.012**		**0.39**		**0.091**		**0.023**	<	**0.050**		**0.068**		**0.36**		**0.062**	<	**0.30**		**0.47**
	Nitrobenzene	1000	140	1000	9.4	<	0.039	<	0.18	<	0.036	<	0.035	<	0.039	<	0.037	<	0.036	<	0.038	<	0.18	<	0.039
	N-Nitroso-di-n-propylamine	0.8	--[c]	18	--[c]	<	0.20	<	0.92	<	0.18	<	0.18	<	0.19	<	0.19	<	0.18	<	0.19	<	0.90	<	0.20
	N-Nitrosodiphenylamine	1200	--[c]	25000	--[c]	<	0.20		**0.20**	<	0.18	<	0.18	<	0.19	<	0.19	<	0.18	<	0.19	<	0.90	<	0.20
	Pentachlorophenol****	24	--[c]	520	--[c]	<	0.78	<	3.7	<	0.74		---	<	---	<	---	<	---	<	---	<	3.6	<	0.78
	Phenanthrene	61000	--[c]	61000	--[c]		**0.10**		**5.6**		**0.32**		**0.13**	<	**0.24**		**0.41**		**7.7**		**1.9**	<	**2.9**		**3.2**
	Phenol	610000	--[c]	61000	--[c]	<	0.20	<	0.92	<	0.18	<	0.18	<	0.19	<	0.19	<	0.18	<	0.19	<	0.90	<	0.20
	Pyrene	61000	--[c]	61000	--[c]		**0.28**		**7.4**		**0.90**		**0.31**	<	0.31		**0.78**		**5.2**		**1.8**		**3.9**		**3.6**

Bold Font Indicates Detected Parameter

* Indicates that ADL is less then or equal to the specified remediation objective

** Limit taken from Table C of pH Specific Remediation Objectives for non-TACO Ionizing Organics for the Soil Component of the Groundwater Ingestion Route (Class I Groundwater) (mg/kg)
4,6-dinitro o-cresol: pH 4.5-4.74 (0.0063 mg/kg) pH 4.75-5.24 (0.0042 mg/kg) pH 5.25-5.74 (0.0035 mg/kg) pH 5.75-6.24 (0.0032 mg/kg) pH 6.25-9.0 (0.0031 mg/kg)

*** Limit taken from Table D of pH Specific Remediation Objectives for non-TACO Ionizing Organics for the Soil Component of the Groundwater Ingestion Route (Class II Groundwater) (mg/kg)
4,6-dinitro o-cresol: pH 4.5-4.74 (0.0063 mg/kg) pH 4.75-5.24 (0.0042 mg/kg) pH 5.25-5.74 (0.0035 mg/kg) pH 5.75-6.24 (0.0032 mg/kg) pH 6.25-9.0 (0.0031 mg/kg)

**** Refer to pH Specific Soil Remediation Objectives Tables (C & D) for Inorganics and Ionizing Organics for the Soil Component of the Groundwater Ingestion Route; used lowest pH value

--[c] No toxicity criteria available for the route of exposure

SS Site Specific based upon the weight of the soil

NA Not available, no PQL or EQL available in USEPA analytical methods

C The batch control sample failed to meet the required acceptance criteria

F Internal standard area failed to meet the required acceptance criteria in duplicate analyses. Results should be interpreted as estimated concentrations.

X No acid surrogates recovered, unable to re-extract sample within hold time

Non-TACO Chemicals, Soil Remediation Objectives prepared by the IEPA Toxicity Assessment Unit May 1, 2007

MDL for parameter is greater then the specific Soil Remediation Objective

Detected Parameter Exceeds a specific Soil Remediation Objective

Table 2B
Morgan Street Bridge
Rockford, Illinois
Soil Sample Results
Sem-Volatile Organic Compounds,
TACO Limits

		Tier 1 Soil Remediation Objective for Industrial/Commercial Properties				500-18309-1		500-18309-1		500-18309-1		500-18309-1		500-18309-1		500-18309-1		500-18309-1		500-18309-1	
		Exposure Route-Specific Values for Soils				25824-SB20 @ 2'-3'		25827-SB21 @ 1.5'-2.5'		25825-SB22 @ 3'-4'		25830-SB23 @ 1-2'		25831-SB24 @ 1-2'		25829-SB25 @ 1-2'		25828-SB26 @ .5'-1.5'		25832-SB27 @ 0-2'	
		Industrial-Commercial		Construction Worker		Date Sampled:	4/16/2009 10:25:00 AM	Date Sampled:	4/16/2009 11:15:00 AM	Date Sampled:	4/16/2009 10:40:00 AM	Date Sampled:	4/16/2009 12:25:00 PM	Date Sampled:	4/16/2009 12:40:00 PM	Date Sampled:	4/16/2009 11:50:00 AM	Date Sampled:	4/16/2009 11:38:00 AM	Date Sampled:	4/16/2009 12:55:00 PM
	Analytical Parameter	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)
TARGET COMPOUND LIST - SEMI-VOLATILE ORGANIC PARAMETERS	1,2,4-Trichlorobenzene	20000	3200	2000	920	<	0.18	<	0.93	<	0.18	<	0.19	<	0.18	<	0.92	<	0.19	<	0.17
	1,2-Dichlorobenzene (o - Dichlorobenzene)	180000	560	18000	310	<	0.18	<	0.93	<	0.18	<	0.19	<	0.18	<	0.92	<	0.19	<	0.17
	1,3-Dichlorobenzene	--[c]	--[c]	--[c]	--[c]	<	0.18	<	0.93	<	0.18	<	0.19	<	0.18	<	0.92	<	0.19	<	0.17
	1,4-Dichlorobenzene (p-Dichlorobenzene)	--[c]	17000	--[c]	340	<	0.18	<	0.93	<	0.18	<	0.19	<	0.18	<	0.92	<	0.19	<	0.17
	2,4,5-Trichlorophenol****	200000	--[c]	200000	--[c]	<	0.36	<	---	<	---	<	---	<	---	<	---	<	---	<	---
	2,4,6-Trichlorophenol****	520	390	11000	540	<	---	<	1.8	<	0.36	<	0.37	<	0.36	<	1.8	<	---	<	0.33
	2,4-Dichlorophenol****	6100	--[c]	610	--[c]	<	---	<	---	<	0.36	<	---	<	---	<	1.8	<	---	<	---
	2,4-Dimethylphenol	41000	--[c]	41000	--[c]	<	0.36	<	<1.8	<	0.36	<	0.37	<	0.36	<	1.8	<	0.38	<	0.33
	2,4-Dinitrophenol	4100	--[c]	410	--[c]	<	0.74	<	3.7	<	0.73	<	0.75	<	0.73	<	3.7	<	0.77	<	0.67
	2,4-Dinitrotoluene	8.4	--[c]	180	--[c]	<	0.18	<	0.93	<	0.18	<	0.19	<	0.18	<	0.92	<	0.19	<	0.17
	2,6-Dinitrotoluene	8.4	--[c]	180	--[c]	<	0.18	<	0.93	<	0.18	<	0.19	<	0.18	<	0.92	<	0.19	<	0.17
	2-Chloronaphthalene (beta-Chloronaphthalene)	160000	--[c]	16000	--[c]	<	0.18	<	0.93	<	0.18	<	0.19	<	0.18	<	0.92	<	0.19	<	0.17
	2-Chlorophenol****	10000	53000	10000	53000	<	---	<	---	<	0.18	<	---	<	---	<	0.92	<	---	<	---
	2-Methylnaphthalene	8200	--[c]	820	--[c]		**0.98**		**1.1**		**0.13**	<	0.19		**0.074**		**0.65**		**0.21**		**0.092**
	2-Methylphenol (o - Cresol)	100000	--[c]	100000	--[c]	<	0.18	<	0.93	<	0.18	<	0.19	<	0.18	<	0.92	<	0.19	<	0.17
	2-Nitroaniline	6100	56	610	3.6	<	0.18	<	0.93	<	0.18	<	0.19	<	0.18	<	0.92	<	0.19	<	0.17
	2-Nitrophenol	--[c]	--[c]	--[c]	--[c]	<	0.36	<	1.8	<	0.36	<	0.37	<	0.36	<	1.8	<	0.38	<	0.33
	3,3'-Dichlorobenzidine	13	--[c]	280	--[c]	<	0.18	<	0.93	<	0.18	<	0.19	<	0.18	<	0.92	<	0.19	<	0.17
	3-Nitroaniline	610	400	61	26	<	0.36	<	1.8	<	0.36	<	0.37	<	0.36	<	1.8	<	0.38	<	0.33
	4,6-Dinitro-2-methylphenol (4,6-dinitro-o-cresol)	200	--[c]	820	--[c]	<	---	<	1.8	<	0.36	<	0.37	<	0.36	<	1.8	<	0.38	<	0.33
	4-Bromophenyl-phenylether	--[c]	--[c]	--[c]	--[c]	<	0.18	<	0.93	<	0.18	<	0.19	<	0.18	<	0.92	<	0.19	<	0.17
	4-Chloro-3-Methylphenol (3-Methyl-4-Chlorophenol)	--[c]	--[c]	--[c]	--[c]	<	0.36	<	1.8	<	0.36	<	0.37	<	0.36	<	1.8	<	0.38	<	0.33
	4-Chloroaniline (p-Chloroaniline)	8200	--[c]	820	--[c]	<	0.74	<	3.7	<	0.73	<	0.75	<	0.73	<	3.7	<	0.77	<	0.67
	4-Chlorophenyl-phenyl Ether	--[c]	--[c]	--[c]	--[c]	<	0.18	<	0.93	<	0.18	<	0.19	<	0.18	<	0.92	<	0.19	<	0.17
	4-Nitroaniline	6100	1600	610	110	<	0.36	<	1.8	<	0.36	<	0.37	<	0.36	<	1.8	<	0.38	<	0.33
	4-Nitrophenol	16000	--[c]	16000	--[c]	<	0.74	<	3.7	<	0.73	<	0.75	<	0.73	<	3.7	<	0.77	<	0.67
	Acenaphthene	120000	--[c]	120000	--[c]		**1.8**		**5.8**		**0.17**	<	0.037		**0.34**		**1.2**		**0.021**		**0.032**
	Acenaphthylene	61000	--[c]	61000	--[c]		**1.1**		**0.81**		**0.064**	<	0.037		**0.27**		**0.70**		**0.018**		**0.070**
	Anthracene	610000	--[c]	610000	--[c]		**6.9**		**12**		**0.40**		**0.017**		**1.0**		**2.0**		**0.11**		**0.11**
	Benzo(a)anthracene	8	--[c]	170	--[c]		**17**		**51**		**1.0**		**0.10**		**2.2**		**10**		**0.41**		**0.35**
	Benzo(a)pyrene	0.8	--[c]	17	--[c]		**13**		**43**		**1.1**		**0.12**		**1.7**		**11**		**0.39**		**0.41**
	Benzo(b)fluoranthene	8	--[c]	170	--[c]		**13**		**50**		**1.1**		**0.16**		**1.8**		**13**		**0.44**		**0.48**
	Benzo(g,h,i)perylene	61000	--[c]	61000	--[c]		**7.2**		**27**		**0.73**		**0.092**		**0.84**		**6.0**		**0.23**		**0.26**
	Benzo(k)fluoranthene	78	--[c]	1700	--[c]		**7.9**		**30**		**0.55**		**0.061**		**1.1**		**6.5**		**0.20**		**0.23**
	bis(2-Chloroethoxy)methane	--[c]	--[c]	--[c]	--[c]	<	0.18	<	0.93	<	0.18	<	0.19	<	0.18	<	0.92	<	0.19	<	0.17
	bis(2-Chloroethyl) Ether	5	0.47	75	0.66	<	0.18	<	0.93	<	0.18	<	0.19	<	0.18	<	0.92	<	0.19	<	0.17
	Bis(2-ethylhexyl)phthalate	410	31000	4100	31000	<	0.18	<	0.93	<	0.18	<	0.19	<	0.18	<	0.92	<	0.19	<	0.17
	Butylbenzylphthalate	410000	930	410000	930	<	0.18	<	0.93	<	0.18	<	0.19	<	0.18	<	0.92	<	0.19	<	0.17
	Carbazole	290	--[c]	6200	--[c]		**3.4**	<	**9.0**		**0.17**	<	0.19		**0.40**		**0.78**	<	0.19		**0.042**
	Chrysene	780	--[c]	17000	--[c]		**14**	<	48		**1.4**		**0.11**		**1.9**		**10**		**0.36**		**0.47**
	Dibenzo(a,h)anthracene	0.8	--[c]	17	--[c]		**2.1**	<	**11**		**0.20**		**0.025**		**0.39**		**1.9**		**0.091**		**0.068**
	Dibenzofuran	4100	--[c]	4100	--[c]		**1.6**	<	3.0		**0.14**	<	0.19		**0.25**		**0.78**		**0.057**		**0.11**
	Diethylphthalate	1000000	2000	1000000	2000	<	0.18	<	0.93	<	0.18	<	0.19	<	0.18	<	0.92	<	0.19	<	0.17
	Dimethylphthalate	--[c]	--[c]	--[c]	--[c]	<	0.18	<	0.93	<	0.18	<	0.19	<	0.18	<	0.92	<	0.19	<	0.17
	Di-n-Butylphthalate	200000	2300	200000	2300	<	0.18	<	0.93		**0.026**	<	0.19	<	0.18		**0.65**	<	0.19		**0.023**
	Di-n-octylphthalate	41000	10000	4100	10000	<	0.18	<	0.93	<	0.18	<	0.19	<	0.18	<	0.92	<	0.19	<	0.17
	Fluoranthene	82000	--[c]	82000	--[c]		**32**	<	96		**1.8**		**0.18**		**5.2**		**16**		**0.71**		**0.68**
	Fluorene	82000	--[c]	82000	--[c]		**3.5**	<	5.8		**0.19**	<	0.037		**0.45**		**1.3**		**0.026**		**0.049**
	Hexachlorobenzene	4	1.8	78	2.6	<	0.074	<	0.37	<	0.073	<	0.075	<	0.073	<	0.37	<	0.077	<	0.067
	Hexachlorobutadiene (perchlorobutadiene)	--[c]	--[c]	--[c]	--[c]	<	0.18	<	0.93	<	0.18	<	0.19	<	0.18	<	0.92	<	0.19	<	0.17
	Hexachlorocyclopentadiene	14000	16	14000	1.1	<	0.74	<	3.7	<	0.73	<	0.75	<	0.73	<	3.7	<	0.77	<	0.67
	Hexachloroethane	2000	--[c]	2000	--[c]	<	0.18	<	0.93	<	0.18	<	0.19	<	0.18	<	0.92	<	0.19	<	0.17
	Indeno(1,2,3-cd)pyrene	8	--[c]	170	--[c]		**6.6**		**25**		**0.66**		**0.084**		**0.88**		**5.8**		**0.22**		**0.21**
	Isophorone	410000	4600	410000	4600	<	0.18	<	0.93	<	0.18	<	0.19	<	0.18	<	0.92	<	0.19	<	0.17
	Naphthalene	41000	270	4100	1.8	<	**1.5**		**2.3**	<	**0.18**	<	0.037		**0.092**		**0.42**		**0.13**		**0.063**
	Nitrobenzene	1000	140	1000	9.4	<	0.036	<	0.18	<	0.036	<	0.037	<	0.036	<	0.18	<	0.038	<	0.033
	N-Nitroso-di-n-propylamine	0.8	--[c]	18	--[c]	<	0.18	<	0.93	<	0.18	<	0.19	<	0.18	<	0.92	<	0.19	<	0.17
	N-Nitrosodiphenylamine	1200	--[c]	25000	--[c]	<	0.18	<	0.93	<	0.18	<	0.19	<	0.18	<	0.92	<	0.19	<	0.17
	Pentachlorophenol****	24	--[c]	520	--[c]	<	0.74	<	---	<	---	<	---	<	---	<	---	<	---	<	---
	Phenanthrene	61000	--[c]	61000	--[c]		**33**		**72**		**1.7**		**0.062**		**4.1**		**8.3**		**0.47**		**0.60**
	Phenol	610000	--[c]	61000	--[c]	<	0.18	<	0.93	<	0.18	<	0.19	<	0.18	<	0.92	<	0.19	<	0.17
	Pyrene	61000	--[c]	61000	--[c]		**28**		**89**		**1.9**		**0.17**		**4.4**		**15**		**0.73**		**0.63**

Bold Font Indicates Detected Parameter

* Indicates that ADL is less then or equal to the specified remediation objective

** Limit taken from Table C of pH Specific Remediation Objectives for non-TACO Ionizing Organics for the Soil Component of the Groundwater Ingestion Route (Class I Groundwater) (mg/kg)
4,6-dinitro o-cresol: pH 4.5-4.74 (0.0063 mg/kg) pH 4.75-5.24 (0.0042 mg/kg) pH 5.25-5.74 (0.0035 mg/kg) pH 5.75-6.24 (0.0032 mg/kg) pH 6.25-9.0 (0.0031 mg/kg)

*** Limit taken from Table D of pH Specific Remediation Objectives for non-TACO Ionizing Organics for the Soil Component of the Groundwater Ingestion Route (Class II Groundwater) (mg/kg)
4,6-dinitro o-cresol: pH 4.5-4.74 (0.0063 mg/kg) pH 4.75-5.24 (0.0042 mg/kg) pH 5.25-5.74 (0.0035 mg/kg) pH 5.75-6.24 (0.0032 mg/kg) pH 6.25-9.0 (0.0031 mg/kg)

**** Refer to pH Specific Soil Remediation Objectives Tables (C & D) for Inorganics and Ionizing Organics for the Soil Component of the Groundwater Ingestion Route; used lowest pH value

--[c] No toxicity criteria available for the route of exposure

SS Site Specific based upon the weight of the soil

NA Not available, no PQL or EQL available in USEPA analytical methods

C The batch control sample failed to meet the required acceptance criteria

F Internal standard area failed to meet the required acceptance criteria in duplicate analyses. Results should be interpreted as estimated concentrations.

X No acid surrogates recovered, unable to re-extract sample within hold time

Non-TACO Chemicals, Soil Remediation Objectives prepared by the IEPA Toxicity Assessment Unit May 1, 2007

MDL for parameter is greater then the specific Soil Remediation Objective

Detected Parameter Exceeds a specific Soil Remediation Objective

Table 2C – Inorganic Compounds, TACO Limits

Table 2C
Morgan Street Bridge
Rockford, Illinois
Soil Sample Results
Inorganic Compounds,
TACO Limits

		Tier 1 Soil Remediation Objective for Exposure Route-Specific Values for Soils				500-18278-12		500-18278-13		500-18278-14		500-18278-15		500-18278-2		500-18278-1		500-18278-3		500-18278-4		500-18278-5		500-18278-6		500-18278-11	
						25815-SB-1@ 3'-4'		25816-SB-2@ 3'-4'		25817-SB-3@ 3'-4'		25818-SB-4@ 2'-3'		25805-SB-5@ 2-3'		25804-SB-6@ 2-3'		25806-SB-7@ 2-3'		25807-SB-7@ 2-3' DUP		25808-SB-8@ 2-3'		25809-SB-9@ 2-3'		25814-SB-10@ 3'-4'	
		Industrial-Commercial		Construction Worker		Date Sampled:	4/15/2009 1:30:00 PM	Date Sampled:	4/15/2009 1:40:00 PM	Date Sampled:	4/15/2009 2:05:00 PM	Date Sampled:	4/15/2009 2:45:00 PM	Date Sampled:	4/15/2009 9:35:00 AM	Date Sampled:	4/15/2009 9:20:00 PM	Date Sampled:	4/15/2009 10:20:00 AM	Date Sampled:	4/15/2009 10:22:00 AM	Date Sampled:	4/15/2009 10:35:00 AM	Date Sampled:	4/15/2009 10:45:00 AM	Date Sampled:	4/15/2009 11:45:00 AM
	Analytical Parameter	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)
TARGET COMPOUND LIST - INORGANIC PARAMETERS	Aluminum	1000000	1000000	410000	870000		**7200**		**6300**		**8900**		**13000**		**15000**		**7100**		**6200**		**6100**		**4800**		**6100**		**8800**
	Antimony	820	--[c]	82	--[c]		**0.58**		**0.62**		**0.47**		**0.48**		**0.40**		**0.87**		**0.94**		**0.47**		**1.0**		**1.1**		**0.54**
	Arsenic	--[t]	1200	61	25000		**5.5**		**4.1**		**4.5**		**6.2**		**7.1**		**5.9**		**7.5**		**4.0**		**6.5**		**4.8**		**5**
	Barium	140000	910000	14000	870000		**86**		**110**		**87**		**82**		**78**		**99**		**53**		**65**		**51**		**66**		**110**
	Beryllium	4100	2100	410	44000		**0.38**		**0.41**		**0.42**		**0.54**		**0.61**		**0.44**		**0.59**		**0.37**		**0.35**		**0.35**		**0.42**
	Cadmium	2000	2800	200	59000		**0.25**		**0.22**	<	0.22	<	0.22	<	0.24		**0.34**		**2.8**		**0.37**		**0.73**		**0.19**	<	0.21
	Calcium	--[c]	--[c]	--[c]	--[c]		**20000**		**37000**		**1600**		**2300**		**2500**		**53000**		**40000**		**27000**		**24000**		**73000**		**9800**
	Chromium (total)	6100	420	4100	690		**11**		**11**		**13**		**16**		**20**		**11**		**18**		**11**		**12**		**8.9**		**13**
	Cobalt	120000	--[c]	12000	--[c]		**6.2**		**5.6**		**9.2**		**9.3**		**7.6**		**4.9**		**4.9**		**5.0**		**5.5**		**3.6**		**7.4**
	Copper	82000	--[c]	8200	--[c]		**16**		**78**		**6.8**		**10**		**13**		**27**		**46**		**18**		**140**		**13**		**9.6**
	Iron (Contact IEPA	1000000	--[c]	140000	--[c]		**13000**		**13000**		**13000**		**18000**		**20000**		**13000**		**23000**		**11000**		**29000**		**11000**		**15000**
	Lead	800	--[c]	700	--[c]		**220**		**88**		**13**		**12**		**12**		**98**		**220**		**77**		**98**		**52**		**32**
	Magnesium	--[c]	--[c]	730000	--[c]		**12000**		**20000**		**1900**		**2400**		**2800**		**31000**		**23000**		**17000**		**15000**		**45000**		**6400**
	Manganese	41000	91000	4100	8700		**610**		**710**		**750**		**600**		**510**		**510**		**420**		**490**		**560**		**510**		**630**
	Mercury	610	16	61	0.1		**0.42**		**0.12**		**0.032**		**0.014**		**0.016**		**0.29**		**0.26**		**0.16**		**0.33**		**0.14**		**0.070**
	Nickel	4100	21000	4100	440000		**9.7**		**9.6**		**11**		**13**		**14**		**10**		**14**		**9.8**		**13**		**8.7**		**12**
	Potasium	--[c]	--[c]	--[c]	--[c]		**1100**		**1000**		**1000**		**900**		**960**		**1100**		**790**		**870**		**670**		**1000**		**1000**
	Selenium	10000	--[c]	1000	--[c]	<	1.1	<	1.1	<	1.1	<	1.1	<	1.2	<	1.1	<	1.1	<	1.0	<	1.0	<	1.1	<	1.1
	Silver	10000	--[c]	1000	--[c]	<	0.57	<	0.56	<	0.55	<	<0.55	<	0.61		**0.16**		**0.97**		**0.16**		**0.13**	<	0.54	<	0.54
	Sodium	--[c]	--[c]	--[c]	--[c]		**210**		**280**		**940**		**170**		**620**		**830**		**720**		**770**		**290**		**1600**		**280**
	Thallium	160	--[c]	160	--[c]	<	1.1	<	1.1	<	1.1	<	1.1	<	1.2	<	1.1	<	1.1	<	1.0	<	1.0	<	1.1	<	1.1
	Vanadium	14000	--[c]	1400	--[c]		**21**		**19**		**26**		**31**		**38**		**20**		**28**		**19**		**19**		**18**		**25**
	Zinc	610000	--[c]	61000	--[c]		**62**		**90**		**32**		**39**		**42**		**91**		**190**		**66**		**270**		**35**		**46**
pH	pH	Minimum 2.0 - Maximum 12.5					8.72		7.6		9.13		8.18		8.68		9.2		8.89		9		8.54		9		8.73

Bold Font Indicates Detected Parameter

*	Indicates that ADL is less then or equal to the specified remediation objective
**	Limit taken from Table C of pH Specific Remediation Objectives for non-TACO Ionizing Organics for the Soil Component of the Groundwater Ingestion Route (Class I Groundwater) (mg/kg)
***	Limit taken from Table D of pH Specific Remediation Objectives for non-TACO Ionizing Organics for the Soil Component of the Groundwater Ingestion Route (Class II Groundwater) (mg/kg)
--[c]	No toxicity criteria available for the route of exposure
--h	40 CFR 761 contains applicability requirements and methodologies for the development of PCB remediation objectives. Requests for approval of a Tier 3 evaluation must address applicability of 40 CFR 761.
--[t]	Ingestion route objective for Arsenic taken from Title 35, Part 742, Appendix A, Table G of Illinois State Regulations
NA	Not available, no PQL or EQL available in USEPA analytical methods
C	The batch control sample failed to meet the required acceptance criteria
F	Internal standard area failed to meet the required acceptance criteria in duplicate analyses. Results should be interpreted as estimated concentrations.
X	No acid surrogates recovered, unable to re-extract sample within hold time

* Note: Refer to pH Specific Soil Remediation Objectives Table for Inorganics for the Soil Component of the Groundwater Ingestion Route

Non-TACO Chemicals, Soil Remediation Objectives prepared by the IEPA Toxicity Assessment Unit May 1, 2007

MDL for parameter is greater then the specific Soil Remediation Objective

Detected Parameter Exceeds a specific Soil Remediation Objective

Table 2C
Morgan Street Bridge
Rockford, Illinois
Soil Sample Results
Inorganic Compounds,
TACO Limits

		Tier 1 Soil Remediation Objective for Exposure Route-Specific Values for Soils				500-18278-10		500-18278-9		500-18278-8		500-18278-7		500-18309-2		500-18309-1		500-18309-3		500-18309-4		500-18309-1		500-18309-5		500-18309-1	
						25813-SB-11@ 3.5-4.5'		25812-SB-12@ 4-5'		25811-SB-13@ 3'-4'		25810-SB-14@ 3'-4'		25820-SB15 @ 1'-2'		25819-SB16 @ 1'-2'		25821-SB17 @ 1'-2'		25822-SB17 @ 1'-2' DUP		25826-SB18 @ .5'-1.5'		25823-SB19 @ 1.5'-2.5'		25824-SB20 @ 2'-3'	
		Industrial-Commercial		Construction Worker		Date Sampled:	4/15/2009 11:35:00 AM	Date Sampled:	4/15/2009 11:25:00 AM	Date Sampled:	4/15/2009 11:07:00 AM	Date Sampled:	4/15/2009 10:55:00 AM	Date Sampled:	4/16/2009 10:00:00 AM	Date Sampled:	4/16/2009 9:48:00 AM	Date Sampled:	4/16/2009 10:05:00 AM	Date Sampled:	4/16/2009 10:10:00 AM	Date Sampled:	4/16/2009 11:05:00 AM	Date Sampled:	4/16/2009 10:55:00 AM	Date Sampled:	4/16/2009 10:25:00 AM
	Analytical Parameter	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)
TARGET COMPOUND LIST - INORGANIC PARAMETERS	Aluminum	1000000	1000000	410000	870000		**7500**		**6200**		**5700**		**4200**		**5100**		**5000**		**2400**		**6000**		**2800**		**6600**		**5100**
	Antimony	820	--[c]	82	--[c]		**0.44**		**0.76**		**0.91**		**0.92**	<	2.2		**1.3**		**1.7**		**0.54**		**1.8**	<	2		**0.88**
	Arsenic	--[t]	1200	61	25000		**4.7**		**6.6**		**4.2**		**3.2**		**3**		**9.3**		**24**		**6.2**		**8.5**		**6.6**		**8.1**
	Barium	140000	910000	14000	870000		**75**		**61**		**54**		**58**		**47**		**69**		**34**		**68**		**36**		**63**		**74**
	Beryllium	4100	2100	410	44000		**0.41**		**0.50**		**0.43**		**0.31**		**0.33**		**0.76**		**0.25**		**0.48**		**0.24**		**0.48**		**0.54**
	Cadmium	2000	2800	200	59000		**0.18**		**0.33**		**0.17**		**0.20**		**0.23**		**0.55**		**0.33**		**0.28**		**1.3**		**0.28**		**0.64**
	Calcium	--[c]	--[c]	--[c]	--[c]		**37000**		**34000**		**62000**		**68000**		**6800**		**12000**		**2500**		**20000**		**73000**		**31000**		**29000**
	Chromium (total)	6100	420	4100	690		**13**		**14**		**11**		**8.2**		**9.4**		**12**		**22**		**11**		**8.8**		**11**		**11**
	Cobalt	120000	--[c]	12000	--[c]		**5.7**		**4.2**		**3.1**		**2.5**		**3.8**		**4.6**		**45**		**6.3**		**5.6**		**4.3**		**4.1**
	Copper	82000	--[c]	8200	--[c]		**22**		**25**		**76**		**29**		**37**		**110**		**130**		**55**		**53**		**24**		**83**
	Iron (Contact IEPA	1000000	--[c]	140000	--[c]		**14000**		**21000**		**15000**		**9900**		**13000**		**34000**		**100000**		**19000**		**100000**		**16000**		**26000**
	Lead	800	--[c]	700	--[c]		**44**		**73**		**250**		**46**		**44**		**66**		**15**		**68**		**45**		**160**		**64**
	Magnesium	--[c]	--[c]	730000	--[c]		**23000**		**19000**		**37000**		**40000**		**4100**		**5400**		**1400**		**10000**		**44000**		**16000**		**14000**
	Manganese	41000	91000	4100	8700		**480**		**590**		**350**		**320**		**450**		**400**		**2000**		**490**		**970**		**240**		**520**
	Mercury	610	16	61	0.1		**0.12**		**0.44**		**0.32**		**0.27**		**0.020**		**0.11**		**0.24**		**0.3**		**0.10**		**0.44**		**5.6**
	Nickel	4100	21000	4100	440000		**9.7**		**12**		**8.4**		**6.3**		**8.4**		**20**		**76**		**15**		**12**		**13**		**24**
	Potasium	--[c]	--[c]	--[c]	--[c]		**1200**		**880**		**880**		**850**		**480**		**580**		**310**		**980**		**420**		**910**		**650**
	Selenium	10000	--[c]	1000	--[c]	<	1.2	<	1.1	<	1.1	<	1.1	<	1.1	<	0.99		**1.2**		---		---		---		---
	Silver	10000	--[c]	1000	--[c]	<	0.58	<	0.53	<	0.55	<	0.54	<	0.56		**0.12**		**0.17**	<	0.51	<	0.54	<	0.51		**0.14**
	Sodium	--[c]	--[c]	--[c]	--[c]		**310**		**290**		**450**		**440**		**170**		**400**		**470**		**1100**		**550**		**750**		**650**
	Thallium	160	--[c]	160	--[c]	<	1.2	<	1.1	<	1.1	<	1.1	<	1.1	<	0.99	<	1.1	<	1.0	<	1.1	<	1.0	<	1.0
	Vanadium	14000	--[c]	1400	--[c]		**22**		**25**		**18**		**14**		**16**		**24**		**38**		**20**		**16**		**21**		**20**
	Zinc	610000	--[c]	61000	--[c]		**54**		**81**		**54**		**42**		**51**		**130**		**110**		**89**		**44**		**83**		**100**
pH	pH	Minimum 2.0 - Maximum 12.5					8.68		8.25		8.85		9.41		8.4		8.14		8.58		8.17		9.1		9.1		9.13

Bold Font Indicates Detected Parameter

*	Indicates that ADL is less then or equal to the specified remediation objective
**	Limit taken from Table C of pH Specific Remediation Objectives for non-TACO Ionizing Organics for the Soil Component of the Groundwater Ingestion Route (Class I Groundwater) (mg/kg)
***	Limit taken from Table D of pH Specific Remediation Objectives for non-TACO Ionizing Organics for the Soil Component of the Groundwater Ingestion Route (Class II Groundwater) (mg/kg)
--[c]	No toxicity criteria available for the route of exposure
--h	40 CFR 761 contains applicability requirements and methodologies for the development of PCB remediation objectives. Requests for approval of a Tier 3 evaluation must address applicability of 40 CFR 761.
--[t]	Ingestion route objective for Arsenic taken from Title 35, Part 742, Appendix A, Table G of Illinois State Regulations
NA	Not available, no PQL or EQL available in USEPA analytical methods
C	The batch control sample failed to meet the required acceptance criteria
F	Internal standard area failed to meet the required acceptance criteria in duplicate analyses. Results should be interpreted as estimated concentrations.
X	No acid surrogates recovered, unable to re-extract sample within hold time

* Note: Refer to pH Specific Soil Remediation Objectives Table for Inorganics for the Soil Component of the Groundwater Ingestion Route

Non-TACO Chemicals, Soil Remediation Objectives prepared by the IEPA Toxicity Assessment Unit May 1, 2007

MDL for parameter is greater then the specific Soil Remediation Objective

Detected Parameter Exceeds a specific Soil Remediation Objective

Table 2C
Morgan Street Bridge
Rockford, Illinois
Soil Sample Results
Inorganic Compounds,
TACO Limits

		Tier 1 Soil Remediation Objective for Exposure Route-Specific Values for Soils				500-18309-1		500-18309-1		500-18309-1		500-18309-1		500-18309-1		500-18309-1		500-18309-1	
						25827-SB21 @ 1.5'-2.5'		25825-SB22 @ 3'-4'		25830-SB23 @ 1-2'		25831-SB24 @ 1-2'		25829-SB25 @ 1-2'		25828-SB26 @ .5'-1.5'		25832-SB27 @ 0-2'	
		Industrial-Commercial		Construction Worker		Date Sampled:	4/16/2009 11:15:00 AM	Date Sampled:	4/16/2009 10:40:00 AM	Date Sampled:	4/16/2009 12:25:00 PM	Date Sampled:	4/16/2009 12:40:00 PM	Date Sampled:	4/16/2009 11:50:00 AM	Date Sampled:	4/16/2009 11:38:00 AM	Date Sampled:	4/16/2009 12:55:00 PM
	Analytical Parameter	Ingestion (mg/kg)	Inhalation (mg/kg)	Ingestion (mg/kg)	Inhalation (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)	Qualifier	Result (mg/kg)
TARGET COMPOUND LIST - INORGANIC PARAMETERS	Aluminum	1000000	1000000	410000	870000		**3800**		**4700**		**3800**		**4000**		**3800**		**7900**		**1800**
	Antimony	820	--[c]	82	--[c]		**6.0**		**2.7**	<	2.0		**0.34**		**1.7**	<	2.2	<	1.8
	Arsenic	--[t]	1200	61	25000		**40**		**9.2**		**2.2**		**6.5**		**6.8**		**4.8**		**16**
	Barium	140000	910000	14000	870000		**270**		**62**		**73**		**62**		**52**		**120**		**17**
	Beryllium	4100	2100	410	44000		**0.94**		**0.49**		**0.23**		**0.39**		**0.63**		**0.56**		**0.18**
	Cadmium	2000	2800	200	59000		**5.7**		**0.76**		**0.15**		**0.58**		**1.9**		**0.32**		**0.33**
	Calcium	--[c]	--[c]	--[c]	--[c]		**85000**		**28000**		**5400**		**6800**		**49000**		**16000**		**37000**
	Chromium (total)	6100	420	4100	690		**22**		**14**		**5.7**		**7.1**		**11**		**11**		**4.3**
	Cobalt	120000	--[c]	12000	--[c]		**5.5**		**4.4**		**3.2**		**3.0**		**3.6**		**6.0**		**1.6**
	Copper	82000	--[c]	8200	--[c]		**1700**		**72**		**4.7**		**10**		**71**		**14**		**10**
	Iron (Contact IEPA	1000000	--[c]	140000	--[c]		**49000**		**45000**		**5900**		**6700**		**26000**		**16000**		**4600**
	Lead	800	--[c]	700	--[c]		**840**		**100**		**21**		**46**		**120**		**23**		**460**
	Magnesium	--[c]	--[c]	730000	--[c]		**47000**		**12000**		**3300**		**2900**		**26000**		**8300**		**17000**
	Manganese	41000	91000	4100	8700		**490**		**420**		**550**		**320**		**340**		**450**		**140**
	Mercury	610	16	61	0.1		**3.3**		**0.12**		**0.36**		**0.13**		**0.15**		**0.043**		**0.049**
	Nickel	4100	21000	4100	440000		**19**		**13**		**5.3**		**6.4**		**15**		**11**		**4.3**
	Potasium	--[c]	--[c]	--[c]	--[c]		**1200**		**840**		**450**		**500**		**600**		**1100**		**310**
	Selenium	10000	--[c]	1000	--[c]	<	1.1		---		---	<	0.95		---		---	<	0.88
	Silver	10000	--[c]	1000	--[c]		0.79		**0.11**	<	0.50	<	0.47		**0.19**	<	0.55	<	0.44
	Sodium	--[c]	--[c]	--[c]	--[c]		**910**		**460**		**150**		**460**		**430**		**810**		**190**
	Thallium	160	--[c]	160	--[c]	<	1.1	<	1.0	<	1.0	<	0.95	<	1.1	<	1.1	<	0.88
	Vanadium	14000	--[c]	1400	--[c]		**17**		**23**		**11**		**13**		**14**		**22**		**9.0**
	Zinc	610000	--[c]	61000	--[c]		**1500**		**130**		**27**		**77**		**640**		**87**		**39**
pH	pH	Minimum 2.0 - Maximum 12.5					8.77		8.24		8.45		8.75		7.83		7.15		8.76

Bold Font Indicates Detected Parameter

*	Indicates that ADL is less then or equal to the specified remediation objective
**	Limit taken from Table C of pH Specific Remediation Objectives for non-TACO Ionizing Organics for the Soil Component of the Groundwater Ingestion Route (Class I Groundwater) (mg/kg)
***	Limit taken from Table D of pH Specific Remediation Objectives for non-TACO Ionizing Organics for the Soil Component of the Groundwater Ingestion Route (Class II Groundwater) (mg/kg)
--[c]	No toxicity criteria available for the route of exposure
--h	40 CFR 761 contains applicability requirements and methodologies for the development of PCB remediation objectives. Requests for approval of a Tier 3 evaluation must address applicability of 40 CFR 761.
--[t]	Ingestion route objective for Arsenic taken from Title 35, Part 742, Appendix A, Table G of Illinois State Regulations
NA	Not available, no PQL or EQL available in USEPA analytical methods
C	The batch control sample failed to meet the required acceptance criteria
F	Internal standard area failed to meet the required acceptance criteria in duplicate analyses. Results should be interpreted as estimated concentrations.
X	No acid surrogates recovered, unable to re-extract sample within hold time

* Note: Refer to pH Specific Soil Remediation Objectives Table for Inorganics for the Soil Component of the Groundwater Ingestion Route

Non-TACO Chemicals, Soil Remediation Objectives prepared by the IEPA Toxicity Assessment Unit May 1, 2007

MDL for parameter is greater then the specific Soil Remediation Objective

Detected Parameter Exceeds a specific Soil Remediation Objective

APPENDICES

Appendix A

Soil Boring Logs

Fehr-Graham & Associates
1920 Daimler Rd.
Rockford, IL 61108

BORING NUMBER SB-1

CLIENT City of Rockford
PROJECT NAME Morgan Street Bridge
PROJECT NUMBER 48361
PROJECT LOCATION Rockford, IL
DATE STARTED 4/15/09 **COMPLETED** 4/15/09
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR TSC
GROUND WATER LEVELS:
DRILLING METHOD Geoprobe - Macro-Core Sampler
AT TIME OF DRILLING None observed
LOGGED BY Andy Jarrett **CHECKED BY** Andy Jarrett
AT END OF DRILLING None observed
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
	MC 1	63	Sampled at 3'-4'	CL-ML		0.3 Brick and limestone fill Brown sandy silty clay, dry to moist, little gravel 4.0	0.0
						Bottom of hole at 4.0 feet.	

Fehr-Graham & Associates
1920 Daimler Rd.
Rockford, IL 61108

BORING NUMBER SB-2

CLIENT City of Rockford
PROJECT NAME Morgan Street Bridge
PROJECT NUMBER 48361
PROJECT LOCATION Rockford, IL
DATE STARTED 4/15/09 **COMPLETED** 4/15/09
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR TSC
GROUND WATER LEVELS:
DRILLING METHOD Geoprobe - Macro-Core Sampler
AT TIME OF DRILLING None observed
LOGGED BY Andy Jarrett **CHECKED BY** Andy Jarrett
AT END OF DRILLING None observed
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
	MC 1	63	Sampled at 3'-4'	CL-ML		0.3 Topsoil, limestone gravel fill Firm, brown to black dark stained sandy silty clay with some gravel, dry to moist, low plasticity	0.0
5	MC 2	100				5.0	0.0
						Bottom of hole at 5.0 feet.	

Fehr-Graham & Associates
1920 Daimler Rd.
Rockford, IL 61108

BORING NUMBER SB-3

CLIENT City of Rockford
PROJECT NAME Morgan Street Bridge
PROJECT NUMBER 48361
PROJECT LOCATION Rockford, IL
DATE STARTED 4/15/09 **COMPLETED** 4/15/09
GROUND ELEVATION ---
HOLE SIZE 2"
DRILLING CONTRACTOR TSC
GROUND WATER LEVELS:
DRILLING METHOD Geoprobe - Macro-Core Sampler
AT TIME OF DRILLING None observed
LOGGED BY Andy Jarrett **CHECKED BY** Andy Jarrett
AT END OF DRILLING None observed
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
	MC 1	40	Sampled at 3'-4'	CL-ML		0.3 Concrete Brown to gray sandy silty clay with some gravel, dry to moist
5	MC 2	100		SP		4.9 5.0 Sand seam, light brown to gray, well sorted Bottom of hole at 5.0 feet.

Fehr-Graham & Associates
1920 Daimler Rd.
Rockford, IL 61108

BORING NUMBER SB-4

CLIENT City of Rockford
PROJECT NAME Morgan Street Bridge
PROJECT NUMBER 48361
PROJECT LOCATION Rockford, IL
DATE STARTED 4/15/09 **COMPLETED** 4/15/09
GROUND ELEVATION **HOLE SIZE** 2"
DRILLING CONTRACTOR TSC
GROUND WATER LEVELS:
DRILLING METHOD Geoprobe - Macro-Core Sampler
AT TIME OF DRILLING None observed
LOGGED BY Andy Jarrett **CHECKED BY** Andy Jarrett
AT END OF DRILLING None observed
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
	MC 1	40	Sampled at 2'-3'	CL-ML		0.2 Concrete Medium firm, brown to grayish black dark staining that gradually changes to tan, sandy silty clay with little gravel, dry to moist, low to medium plasticity
5	MC 2	100				5.0
						Bottom of hole at 5.0 feet.

Fehr-Graham & Associates
1920 Daimler Rd.
Rockford, IL 61108

BORING NUMBER SB-5

CLIENT City of Rockford
PROJECT NAME Morgan Street Bridge
PROJECT NUMBER 48361
PROJECT LOCATION Rockford, IL
DATE STARTED 4/15/09 **COMPLETED** 4/15/09
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR TSC
GROUND WATER LEVELS:
DRILLING METHOD Geoprobe - Macro-Core Sampler
AT TIME OF DRILLING None observed
LOGGED BY Andy Jarrett **CHECKED BY** Andy Jarrett
AT END OF DRILLING None observed
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
	MC 1	63	Sampled at 2'-3'	CL-ML		0.3 Concrete Soft to medium soft, brownish gray sandy silty clay, dry to moist, medium plasticity	0.0
5	MC 2	100				5.0 5.5 Limestone, fractured, weathered Bottom of hole at 5.5 feet.	0.0

GENERAL BH / TP / WELL BORING LOGS MORGAN ST. BRIDGE.GPJ GINT US.GDT 7/1/09

Fehr-Graham & Associates
1920 Daimler Rd.
Rockford, IL 61108

BORING NUMBER SB-6

CLIENT City of Rockford
PROJECT NAME Morgan Street Bridge
PROJECT NUMBER 48361
PROJECT LOCATION Rockford, IL
DATE STARTED 4/15/09 **COMPLETED** 4/15/09
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR TSC
GROUND WATER LEVELS:
DRILLING METHOD Geoprobe - Macro-Core Sampler
AT TIME OF DRILLING None observed
LOGGED BY Andy Jarrett **CHECKED BY** Andy Jarrett
AT END OF DRILLING None observed
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
	MC 1	Sampled at 2'-3'	CL-ML		0.5 Asphalt Brown to black sandy silty clay, dry to moist, medium plasticity 4.0	0.0
5	MC 2				Minor reddish orange iron staining 5.0	0.0
					5.5 Limestone, fractured, weathered	0.0

Bottom of hole at 5.5 feet.

Fehr-Graham & Associates
1920 Daimler Rd.
Rockford, IL 61108

BORING NUMBER SB-7

CLIENT City of Rockford
PROJECT NAME Morgan Street Bridge
PROJECT NUMBER 48361
PROJECT LOCATION Rockford, IL
DATE STARTED 4/15/09 **COMPLETED** 4/15/09
GROUND ELEVATION **HOLE SIZE** 2"
DRILLING CONTRACTOR TSC
GROUND WATER LEVELS:
DRILLING METHOD Geoprobe - Macro-Core Sampler
AT TIME OF DRILLING None observed
LOGGED BY Andy Jarrett **CHECKED BY** Andy Jarrett
AT END OF DRILLING None observed
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
	MC 1	63	Sampled at 2'-3'	CL-ML		0.3 Concrete Soft to medium soft, brown to black sandy silty clay with some gravel, dry to moist, low to medium plasticity	0.0
5	MC 2	100				5.0	0.0
						Bottom of hole at 5.0 feet.	

Fehr-Graham & Associates
1920 Daimler Rd.
Rockford, IL 61108

BORING NUMBER SB-8

CLIENT City of Rockford
PROJECT NAME Morgan Street Bridge
PROJECT NUMBER 48361
PROJECT LOCATION Rockford, IL
DATE STARTED 4/15/09 **COMPLETED** 4/15/09
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR TSC
GROUND WATER LEVELS:
DRILLING METHOD Geoprobe - Macro-Core Sampler
AT TIME OF DRILLING None observed
LOGGED BY Andy Jarrett **CHECKED BY** Andy Jarrett
AT END OF DRILLING None observed
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
	MC 1	63	Sampled at 2'-3'		0.5 Concrete Dark brown to black clay, cinders/brick, gravel and cobbles 4.0	0.0
					Refusal at 4' Bottom of hole at 4.0 feet.	

Fehr-Graham & Associates
1920 Daimler Rd.
Rockford, IL 61108

BORING NUMBER SB-9

CLIENT City of Rockford
PROJECT NAME Morgan Street Bridge
PROJECT NUMBER 48361
PROJECT LOCATION Rockford, IL
DATE STARTED 4/15/09 **COMPLETED** 4/15/09
GROUND ELEVATION **HOLE SIZE** 2"
DRILLING CONTRACTOR TSC
GROUND WATER LEVELS:
DRILLING METHOD Geoprobe - Macro-Core Sampler
AT TIME OF DRILLING None observed
LOGGED BY Andy Jarrett **CHECKED BY** Andy Jarrett
AT END OF DRILLING None observed
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
	MC 1	63	Sampled at 2'-3'	CL-ML		0.2 Concrete Brown to black sandy silty clay with some gravel, little cobbles, moist	0.0
5	MC 2	100				5.0	0.0
						Bottom of hole at 5.0 feet.	

Fehr-Graham & Associates
1920 Daimler Rd.
Rockford, IL 61108

BORING NUMBER SB-10

CLIENT City of Rockford
PROJECT NAME Morgan Street Bridge
PROJECT NUMBER 48361
PROJECT LOCATION Rockford, IL
DATE STARTED 4/15/09 **COMPLETED** 4/15/09
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR TSC
GROUND WATER LEVELS:
DRILLING METHOD Geoprobe - Macro-Core Sampler
AT TIME OF DRILLING None observed
LOGGED BY Andy Jarrett **CHECKED BY** Andy Jarrett
AT END OF DRILLING None observed
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
	MC 1	63	Sampled at 3'-4'	CL-ML		0.5 Concrete Brown to black sandy silty clay, moist	0.0
5	MC 2	100				5.0	0.0
						Bottom of hole at 5.0 feet.	

Fehr-Graham & Associates
1920 Daimler Rd.
Rockford, IL 61108

BORING NUMBER SB-11

CLIENT City of Rockford
PROJECT NAME Morgan Street Bridge
PROJECT NUMBER 48361
PROJECT LOCATION Rockford, IL
DATE STARTED 4/15/09 **COMPLETED** 4/15/09
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR TSC
GROUND WATER LEVELS:
DRILLING METHOD Geoprobe - Macro-Core Sampler
AT TIME OF DRILLING None observed
LOGGED BY Andy Jarrett **CHECKED BY** Andy Jarrett
AT END OF DRILLING None observed
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
	MC 1	71	Sampled at 3.5'-4.5'		0.5	Concrete
					2.0	Reddish orange stained sand and gravel (fill)
				CL-ML		Brown to gray sandy silty clay, some cinders at 2'-3.5'
5	MC 2	100			5.0	
						Bottom of hole at 5.0 feet.

Fehr-Graham & Associates
1920 Daimler Rd.
Rockford, IL 61108

BORING NUMBER SB-12

CLIENT City of Rockford
PROJECT NAME Morgan Street Bridge
PROJECT NUMBER 48361
PROJECT LOCATION Rockford, IL
DATE STARTED 4/15/09 **COMPLETED** 4/15/09
GROUND ELEVATION ---
HOLE SIZE 2"
DRILLING CONTRACTOR TSC
GROUND WATER LEVELS:
DRILLING METHOD Geoprobe - Macro-Core Sampler
AT TIME OF DRILLING None observed
LOGGED BY Andy Jarrett **CHECKED BY** Andy Jarrett
AT END OF DRILLING None observed
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				CL		1.0 Brown to black sandy gravelly clay	
	MC 1	67		CL-ML		Brown to black dark sandy silty clay with gravel, cinders	0.0
5	MC 2	100	Sampled at 4'-5'			5.0	0.0
						Bottom of hole at 5.0 feet.	

Fehr-Graham & Associates
1920 Daimler Rd.
Rockford, IL 61108

BORING NUMBER SB-13

CLIENT City of Rockford
PROJECT NAME Morgan Street Bridge
PROJECT NUMBER 48361
PROJECT LOCATION Rockford, IL
DATE STARTED 4/15/09 **COMPLETED** 4/15/09
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR TSC
GROUND WATER LEVELS:
DRILLING METHOD Geoprobe - Macro-Core Sampler
AT TIME OF DRILLING None observed
LOGGED BY Andy Jarrett **CHECKED BY** Andy Jarrett
AT END OF DRILLING None observed
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
	MC 1	63	Sampled at 3'-4'	CL		0.5 Concrete 0.9 Limestone and sand fill 1.5 Limestone cobbles Firm, dark brown to black clay with some sand and gravel, dry to moist, little cinders at 3'	0.0
5	MC 2	100				5.0	0.0
						Bottom of hole at 5.0 feet.	

Fehr-Graham & Associates
1920 Daimler Rd.
Rockford, IL 61108

BORING NUMBER SB-14

CLIENT City of Rockford
PROJECT NAME Morgan Street Bridge
PROJECT NUMBER 48361
PROJECT LOCATION Rockford, IL
DATE STARTED 4/15/09 **COMPLETED** 4/15/09
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR TSC
GROUND WATER LEVELS:
DRILLING METHOD Geoprobe - Macro-Core Sampler
AT TIME OF DRILLING None observed
LOGGED BY Andy Jarrett **CHECKED BY** Andy Jarrett
AT END OF DRILLING None observed
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
				OL		0.5 Topsoil, high loam	
						0.9 Limestone gravel	
	MC 1	50	Sampled at 3'-4'	CL-ML		Brown to black soft to medium soft, sandy silty clay, dry to moist, low plasticity, some gravel	0.0
						4.0	
						Bottom of hole at 4.0 feet.	

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1920 Daimler Rd.
Rockford, IL 61108

BORING NUMBER SB-15

CLIENT City of Rockford
PROJECT NAME Morgan Street Bridge
PROJECT NUMBER 48361
PROJECT LOCATION Rockford, IL
DATE STARTED 4/16/09 **COMPLETED** 4/16/09
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR TSC
GROUND WATER LEVELS:
DRILLING METHOD Geoprobe - Macro-Core Sampler
AT TIME OF DRILLING None observed
LOGGED BY Andy Jarrett **CHECKED BY** Andy Jarrett
AT END OF DRILLING None observed
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
	MC 1	100	Sampled at 1'-2'	CL-ML		0.3 Topsoil 0.5 Limestone gravel fill Medium firm, brown to black sandy silty clay with dark gravel, low plasticity	0.0
5	MC 2	100				5.0	0.0
						Bottom of hole at 5.0 feet.	

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BORING NUMBER SB-16

CLIENT City of Rockford
PROJECT NAME Morgan Street Bridge
PROJECT NUMBER 48361
PROJECT LOCATION Rockford, IL
DATE STARTED 4/16/09 **COMPLETED** 4/16/09
GROUND ELEVATION ---
HOLE SIZE 2"
DRILLING CONTRACTOR TSC
GROUND WATER LEVELS:
DRILLING METHOD Geoprobe - Macro-Core Sampler
AT TIME OF DRILLING None observed
LOGGED BY Andy Jarrett **CHECKED BY** Andy Jarrett
AT END OF DRILLING None observed
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
	MC 1	63	Sampled at 1'-2'	CL-ML		0.7 Topsoil Brown to black sandy silty clay with little gravel, dry to moist, medium plasticity	0.0
5	MC 2	100		SP		4.5 5.0 Light brown to gray sand, moist	0.0
						Bottom of hole at 5.0 feet.	

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BORING NUMBER SB-17

CLIENT City of Rockford
PROJECT NAME Morgan Street Bridge
PROJECT NUMBER 48361
PROJECT LOCATION Rockford, IL
DATE STARTED 4/16/09 **COMPLETED** 4/16/09
GROUND ELEVATION ---
HOLE SIZE 2"
DRILLING CONTRACTOR TSC
GROUND WATER LEVELS:
DRILLING METHOD Geoprobe - Macro-Core Sampler
AT TIME OF DRILLING None observed
LOGGED BY Andy Jarrett **CHECKED BY** Andy Jarrett
AT END OF DRILLING None observed
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
	MC 1	75	Sampled at 1'-2'	CL-ML		0.5 Concrete Medium firm, brown to gray sandy silty clay with some gravel, medium plasticity	0.0
5	MC 2	100		CL-ML		4.5 5.0 Soft, light brown silty sandy clay, low plasticity Bottom of hole at 5.0 feet.	0.0

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Rockford, IL 61108

BORING NUMBER SB-18

CLIENT City of Rockford
PROJECT NAME Morgan Street Bridge
PROJECT NUMBER 48361
PROJECT LOCATION Rockford, IL
DATE STARTED 4/16/09 **COMPLETED** 4/16/09
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR TSC
GROUND WATER LEVELS:
DRILLING METHOD Geoprobe - Macro-Core Sampler
AT TIME OF DRILLING None observed
LOGGED BY Andy Jarrett **CHECKED BY** Andy Jarrett
AT END OF DRILLING None observed
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
	MC 1	35	Sampled at .5-'1.5'	CL	0.5	Sandy clay	
					1.0	Limestone gravel fill, slight odor	1.5
				CL	2.0	Light brown sandy clay, little brick	0.0
				GP	2.5	Limestone gravel	0.0
				CL-ML	4.0	Brown to gray dark sandy silty clay with gravel, little brick	
5	MC 2	100		CL-ML	5.0	Brownish gray sandy silty clay, dry to moist	0.0
						Bottom of hole at 5.0 feet.	0.0

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Rockford, IL 61108

BORING NUMBER SB-19

CLIENT City of Rockford
PROJECT NAME Morgan Street Bridge
PROJECT NUMBER 48361
PROJECT LOCATION Rockford, IL
DATE STARTED 4/16/09 **COMPLETED** 4/16/09
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR TSC
GROUND WATER LEVELS:
DRILLING METHOD Geoprobe - Macro-Core Sampler
AT TIME OF DRILLING None observed
LOGGED BY Andy Jarrett **CHECKED BY** Andy Jarrett
AT END OF DRILLING None observed
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
	MC 1	45	Sampled at 1.5'-2.5'			0.5 Gravel, limestone and brick
				CL-ML		Brown to gray sandy silty clay with gravel, some cobbles 3.5
5	MC 2	100		CL-ML		Medium firm, light brown to brown sandy silty clay, medium plasticity 5.0
						Bottom of hole at 5.0 feet.

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Rockford, IL 61108

BORING NUMBER SB-20

CLIENT City of Rockford
PROJECT NAME Morgan Street Bridge
PROJECT NUMBER 48361
PROJECT LOCATION Rockford, IL
DATE STARTED 4/16/09 **COMPLETED** 4/16/09
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR TSC
GROUND WATER LEVELS:
DRILLING METHOD Geoprobe - Macro-Core Sampler
AT TIME OF DRILLING None observed
LOGGED BY Andy Jarrett **CHECKED BY** Andy Jarrett
AT END OF DRILLING None observed
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
	MC 1	75	Sampled at 2'-3'	CL-ML		Dark brown sandy silty clay, some gravel and brick	0.0
5	MC 2	100		CL-ML		4.5 / 5.0 Sandy silty clay, dry to moist	0.0
						Bottom of hole at 5.0 feet.	

Fehr-Graham & Associates
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Rockford, IL 61108

BORING NUMBER SB-21

CLIENT City of Rockford
PROJECT NAME Morgan Street Bridge
PROJECT NUMBER 48361
PROJECT LOCATION Rockford, IL
DATE STARTED 4/16/09 **COMPLETED** 4/16/09
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR TSC
GROUND WATER LEVELS:
DRILLING METHOD Geoprobe - Macro-Core Sampler
AT TIME OF DRILLING None observed
LOGGED BY Andy Jarrett **CHECKED BY** Andy Jarrett
AT END OF DRILLING None observed
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
	MC 1	20	Sampled at 1.5'-2.5'			0.5 Limestone gravel Brown to gray sandy silty clay with gravel (fill), some cobbles and glass	0.0
5	MC 2	100		CL-ML		4.5 5.0 Brown to gray sandy silty clay Bottom of hole at 5.0 feet.	0.0

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Rockford, IL 61108

BORING NUMBER SB-22

CLIENT City of Rockford
PROJECT NAME Morgan Street Bridge
PROJECT NUMBER 48361
PROJECT LOCATION Rockford, IL
DATE STARTED 4/16/09 **COMPLETED** 4/16/09
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR TSC
GROUND WATER LEVELS:
DRILLING METHOD Geoprobe - Macro-Core Sampler
AT TIME OF DRILLING None observed
LOGGED BY Andy Jarrett **CHECKED BY** Andy Jarrett
AT END OF DRILLING None observed
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
	MC 1	35	Sampled at 3'-4'	CL-ML		Dark brown sandy silty clay, dry to moist, some gravel, some brick at 3.5 (4.0)	0.0
5	MC 2	100				Limestone cobbles, some clay, brick at 4.5 (5.0)	0.0
						Bottom of hole at 5.0 feet.	

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Rockford, IL 61108

BORING NUMBER SB-23

CLIENT City of Rockford
PROJECT NAME Morgan Street Bridge
PROJECT NUMBER 48361
PROJECT LOCATION Rockford, IL
DATE STARTED 4/16/09 **COMPLETED** 4/16/09
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR TSC
GROUND WATER LEVELS:
DRILLING METHOD Geoprobe - Macro-Core Sampler
AT TIME OF DRILLING None observed
LOGGED BY Andy Jarrett **CHECKED BY** Andy Jarrett
AT END OF DRILLING None observed
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
	MC 1	70	Sampled at 1'-2'	SP		0.5 Concrete; 0.8 Light brown sand, well sorted, (beach sand?)	
				CL-ML		2.0 Firm, brownish gray sandy silty clay, high plasticity	0.0
				CL-ML		Soft, light brown to gray sandy silty clay, high plasticity	
5	MC 2	100				5.0	0.0

Bottom of hole at 5.0 feet.

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Rockford, IL 61108

BORING NUMBER SB-24

CLIENT City of Rockford
PROJECT NAME Morgan Street Bridge
PROJECT NUMBER 48361
PROJECT LOCATION Rockford, IL
DATE STARTED 4/16/09 **COMPLETED** 4/16/09
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR TSC
GROUND WATER LEVELS:
DRILLING METHOD Geoprobe - Macro-Core Sampler
AT TIME OF DRILLING None observed
LOGGED BY Andy Jarrett **CHECKED BY** Andy Jarrett
AT END OF DRILLING None observed
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
	MC 1	20	Sampled at 1'-2'	CL-ML		0.5 Concrete Medium firm, light brown to brown sandy silty clay, dry to moist, high plasticity, darker from 1'-2.5'
5	MC 2	100				5.0
						Bottom of hole at 5.0 feet.

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BORING NUMBER SB-25

CLIENT City of Rockford
PROJECT NAME Morgan Street Bridge
PROJECT NUMBER 48361
PROJECT LOCATION Rockford, IL
DATE STARTED 4/16/09 **COMPLETED** 4/16/09
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR TSC
GROUND WATER LEVELS:
DRILLING METHOD Geoprobe - Macro-Core Sampler
AT TIME OF DRILLING None observed
LOGGED BY Andy Jarrett **CHECKED BY** Andy Jarrett
AT END OF DRILLING None observed
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
	MC 1	20	Sampled at 1'-2'		0.5	Concrete	
					1.5	Railroad ties	
				CL-ML	3.5	Stained, dark brown to grayish black sandy silty clay, some gravel, little brick	0.0
5	MC 2	100		SP	5.0	Light brown sand, well sorted, (beach sand?)	0.0
				CL-ML	5.5	Light brown to gray sandy silty clay	
						Bottom of hole at 5.5 feet.	

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Rockford, IL 61108

BORING NUMBER SB-26

CLIENT City of Rockford
PROJECT NAME Morgan Street Bridge
PROJECT NUMBER 48361
PROJECT LOCATION Rockford, IL
DATE STARTED 4/16/09 **COMPLETED** 4/16/09
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR TSC
GROUND WATER LEVELS:
DRILLING METHOD Geoprobe - Macro-Core Sampler
AT TIME OF DRILLING None observed
LOGGED BY Andy Jarrett **CHECKED BY** Andy Jarrett
AT END OF DRILLING None observed
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
	MC 1	20	Sampled at .5'-1.5'			0.5 Concrete	
						1.5 Cinders, coal, gravel, sand	
				CL-ML		Firm, dark brown to gray sandy silty clay, medium plasticity	0.0
5	MC 2	100				5.0	0.0
						Bottom of hole at 5.0 feet.	

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1920 Daimler Rd.
Rockford, IL 61108

BORING NUMBER SB-27

CLIENT City of Rockford
PROJECT NAME Morgan Street Bridge
PROJECT NUMBER 48361
PROJECT LOCATION Rockford, IL
DATE STARTED 4/16/09 **COMPLETED** 4/16/09
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR TSC
GROUND WATER LEVELS:
DRILLING METHOD Geoprobe - Macro-Core Sampler
AT TIME OF DRILLING None observed
LOGGED BY Andy Jarrett **CHECKED BY** Andy Jarrett
AT END OF DRILLING None observed
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
	MC 1	100	Sampled at 0'-2'		1.0	Limestone gravel
				CL-ML	2.0	Dark brown to gray sandy silty clay
						Bottom of hole at 2.0 feet.

Appendix B

Laboratory Analytical Reports

and

QA/QC Documentation

ANALYTICAL REPORT

Job Number: 500-18278-1

SDG Number: 500-18278-1

Job Description: Morgan Street Bridge

For:
Fehr-Graham & Associates
1920 Daimler Road
Rockford, IL 61112

Attention: Steve Anstine

Approved for release.
Donna L Ingersoll
Project Manager II
4/29/2009 4:45 PM

Donna L Ingersoll
Project Manager II
donna.ingersoll@testamericainc.com
04/29/2009

cc: Ms. Donna Ingersoll
Ms. Erin Jarrett

These test results meet all the requirements of NELAC for accredited parameters.

The Lab Certification ID# is 100201.

All questions regarding this test report should be directed to the TestAmerica Project Manager whose signature appears on this report. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

TestAmerica Laboratories, Inc.
TestAmerica Chicago 2417 Bond Street, University Park, IL 60466
Tel (708) 534-5200 Fax (708) 534-5211 www.testamericainc.com

Job Narrative
500-J18278-1

Comments
No additional comments.

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

GC/MS VOA
Method(s) 8260B: Surrogate recovery for the following sample(s) was outside the upper control limit: 25811-SB-13@ 3'-4' (500-18278-8). This sample did not contain any target analytes associated with the surrogate that was outside limits and reanalysis would have been outside of holdtime therefore, re-analysis was not performed.

Method(s) 8260B: The following sample(s) was diluted due to the abundance of target analytes: 25811-SB-13@ 3'-4' (500-18278-8). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for sample -13 were outside control limits. The associated laboratory control sample (LCS) met acceptance criteria.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: The MB had one surrogate above the QC limit. The sample -14 had one surrogate low, but greater than ten percent. No corrective action was required.

Method(s) 8270C: The laboratory control standard (LCS) for preparation batch 61807 exceeded control limits for the following analytes: N-Nitrosodiphenylamine and 2,4,5-Trichlorophenol. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data has been reported.
.

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 61807 were outside control limits for several analytes. The associated laboratory control sample (LCS) met acceptance criteria, except for N-Nitrosodiphenylamine and 2,4,5-Trichlorophenol.

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 61807 was outside control limits for three analytes. The associated laboratory control sample (LCS) met acceptance criteria, except for N-Nitrosodiphenylamine and 2,4,5-Trichlorophenol.

Method(s) 8270C: The following samples were diluted due to the abundance of non-target analytes: 25808-SB-8@ 2-3' (500-18278-5), 25812-SB-12@ 4-5' (500-18278-9). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

Metals
Method(s) 6010B: The serial dilution performed for the following sample, 500-18278-13, was outside control limits for K-,Ni, and Zn.

Method(s) 6010B: The matrix duplicate %RPD for sample 500-18278-13 was outside the control limits for Ca,Cu,Mg,Pb, and Zn.

Method(s) 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for sample 500-18278-13 were outside control limits for Cu,K-, and Sb. The MS was also out for Zn. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 7471A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for sample 18278-13 were outside control limits for Hg. The associated laboratory control sample (LCS) met acceptance criteria.

No other analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18278-1	**25804-SB-6@ 2-3'**					
Acenaphthene		0.017	J	0.040	mg/Kg	8270C
Acenaphthylene		0.043		0.040	mg/Kg	8270C
Anthracene		0.092		0.040	mg/Kg	8270C
Benzo[a]anthracene		0.53		0.040	mg/Kg	8270C
Benzo[a]pyrene		0.55		0.040	mg/Kg	8270C
Benzo[b]fluoranthene		0.55		0.040	mg/Kg	8270C
Benzo[g,h,i]perylene		0.42		0.040	mg/Kg	8270C
Benzo[k]fluoranthene		0.47		0.040	mg/Kg	8270C
Chrysene		0.48		0.040	mg/Kg	8270C
Dibenz(a,h)anthracene		0.10		0.040	mg/Kg	8270C
Fluoranthene		0.87		0.040	mg/Kg	8270C
Fluorene		0.019	J	0.040	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		0.39		0.040	mg/Kg	8270C
Naphthalene		0.024	J	0.040	mg/Kg	8270C
Phenanthrene		0.34		0.040	mg/Kg	8270C
Pyrene		0.79		0.040	mg/Kg	8270C
Aluminum		7100		23	mg/Kg	6010B
Antimony		0.87	J B	2.3	mg/Kg	6010B
Arsenic		5.9		1.1	mg/Kg	6010B
Barium		99		1.1	mg/Kg	6010B
Beryllium		0.44	J	0.46	mg/Kg	6010B
Cadmium		0.34		0.23	mg/Kg	6010B
Calcium		53000	B	11	mg/Kg	6010B
Chromium		11	B	1.1	mg/Kg	6010B
Cobalt		4.9		0.57	mg/Kg	6010B
Copper		27		1.1	mg/Kg	6010B
Iron		13000	B	11	mg/Kg	6010B
Lead		98	B	0.57	mg/Kg	6010B
Magnesium		31000	B	11	mg/Kg	6010B
Manganese		510		1.1	mg/Kg	6010B
Nickel		10	B	1.1	mg/Kg	6010B
Potassium		1100		57	mg/Kg	6010B
Silver		0.16	J	0.57	mg/Kg	6010B
Sodium		830		110	mg/Kg	6010B
Vanadium		20		0.57	mg/Kg	6010B
Zinc		91		2.3	mg/Kg	6010B
Mercury		0.29		0.020	mg/Kg	7471A
pH		9.20		0.200	SU	9045C
Percent Moisture		18		0.10	%	Moisture
Percent Solids		82		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18278-2	**25805-SB-5@ 2-3'**					
Aluminum		15000		24	mg/Kg	6010B
Antimony		0.40	J B	2.4	mg/Kg	6010B
Arsenic		7.1		1.2	mg/Kg	6010B
Barium		78		1.2	mg/Kg	6010B
Beryllium		0.61		0.49	mg/Kg	6010B
Calcium		2500	B	12	mg/Kg	6010B
Chromium		20	B	1.2	mg/Kg	6010B
Cobalt		7.6		0.61	mg/Kg	6010B
Copper		13		1.2	mg/Kg	6010B
Iron		20000	B	12	mg/Kg	6010B
Lead		12	B	0.61	mg/Kg	6010B
Magnesium		2800	B	12	mg/Kg	6010B
Manganese		510		1.2	mg/Kg	6010B
Nickel		14	B	1.2	mg/Kg	6010B
Potassium		960		61	mg/Kg	6010B
Sodium		620		120	mg/Kg	6010B
Vanadium		38		0.61	mg/Kg	6010B
Zinc		42		2.4	mg/Kg	6010B
Mercury		0.016	J	0.021	mg/Kg	7471A
pH		8.68		0.200	SU	9045C
Percent Moisture		20		0.10	%	Moisture
Percent Solids		80		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18278-3	**25806-SB-7@ 2-3'**					
Acenaphthylene		0.011	J	0.038	mg/Kg	8270C
Anthracene		0.014	J	0.038	mg/Kg	8270C
Benzo[a]anthracene		0.10		0.038	mg/Kg	8270C
Benzo[a]pyrene		0.11		0.038	mg/Kg	8270C
Benzo[b]fluoranthene		0.14		0.038	mg/Kg	8270C
Benzo[g,h,i]perylene		0.088		0.038	mg/Kg	8270C
Benzo[k]fluoranthene		0.062		0.038	mg/Kg	8270C
Bis(2-ethylhexyl) phthalate		0.30		0.19	mg/Kg	8270C
Chrysene		0.10		0.038	mg/Kg	8270C
Dibenz(a,h)anthracene		0.023	J	0.038	mg/Kg	8270C
Fluoranthene		0.17		0.038	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		0.081		0.038	mg/Kg	8270C
Phenanthrene		0.071		0.038	mg/Kg	8270C
Pyrene		0.16		0.038	mg/Kg	8270C
Aluminum		6200		23	mg/Kg	6010B
Antimony		0.94	J B	2.3	mg/Kg	6010B
Arsenic		7.5		1.1	mg/Kg	6010B
Barium		53		1.1	mg/Kg	6010B
Beryllium		0.59		0.46	mg/Kg	6010B
Cadmium		2.8		0.23	mg/Kg	6010B
Calcium		40000	B	11	mg/Kg	6010B
Chromium		18	B	1.1	mg/Kg	6010B
Cobalt		4.9		0.57	mg/Kg	6010B
Copper		46		1.1	mg/Kg	6010B
Iron		23000	B	11	mg/Kg	6010B
Lead		220	B	0.57	mg/Kg	6010B
Magnesium		23000	B	11	mg/Kg	6010B
Manganese		420		1.1	mg/Kg	6010B
Nickel		14	B	1.1	mg/Kg	6010B
Potassium		790		57	mg/Kg	6010B
Silver		0.97		0.57	mg/Kg	6010B
Sodium		720		110	mg/Kg	6010B
Vanadium		28		0.57	mg/Kg	6010B
Zinc		190		2.3	mg/Kg	6010B
Mercury		0.26		0.020	mg/Kg	7471A
pH		8.89		0.200	SU	9045C
Percent Moisture		17		0.10	%	Moisture
Percent Solids		83		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18278-4	**25807-SB-7@ 2-3' DUP**					
Benzene		0.014		0.0031	mg/Kg	8260B
Toluene		0.0099		0.0031	mg/Kg	8260B
Acenaphthene		0.0088	J	0.038	mg/Kg	8270C
Acenaphthylene		0.080		0.038	mg/Kg	8270C
Anthracene		0.13		0.038	mg/Kg	8270C
Benzo[a]anthracene		0.73		0.038	mg/Kg	8270C
Benzo[a]pyrene		0.74		0.038	mg/Kg	8270C
Benzo[b]fluoranthene		0.63		0.038	mg/Kg	8270C
Benzo[g,h,i]perylene		0.58		0.038	mg/Kg	8270C
Benzo[k]fluoranthene		0.73		0.038	mg/Kg	8270C
Bis(2-ethylhexyl) phthalate		0.21		0.19	mg/Kg	8270C
Chrysene		0.62		0.038	mg/Kg	8270C
Dibenz(a,h)anthracene		0.13		0.038	mg/Kg	8270C
Fluoranthene		1.5		0.038	mg/Kg	8270C
Fluorene		0.021	J	0.038	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		0.52		0.038	mg/Kg	8270C
2-Methylnaphthalene		0.025	J	0.19	mg/Kg	8270C
Naphthalene		0.041		0.038	mg/Kg	8270C
Phenanthrene		0.57		0.038	mg/Kg	8270C
Pyrene		1.4		0.038	mg/Kg	8270C
Aluminum		6100		20	mg/Kg	6010B
Antimony		0.47	J B	2.0	mg/Kg	6010B
Arsenic		4.0		1.0	mg/Kg	6010B
Barium		65		1.0	mg/Kg	6010B
Beryllium		0.37	J	0.41	mg/Kg	6010B
Cadmium		0.37		0.20	mg/Kg	6010B
Calcium		27000	B	10	mg/Kg	6010B
Chromium		11	B	1.0	mg/Kg	6010B
Cobalt		5.0		0.51	mg/Kg	6010B
Copper		18		1.0	mg/Kg	6010B
Iron		11000	B	10	mg/Kg	6010B
Lead		77	B	0.51	mg/Kg	6010B
Magnesium		17000	B	10	mg/Kg	6010B
Manganese		490		1.0	mg/Kg	6010B
Nickel		9.8	B	1.0	mg/Kg	6010B
Potassium		870		51	mg/Kg	6010B
Silver		0.16	J	0.51	mg/Kg	6010B
Sodium		770		100	mg/Kg	6010B
Vanadium		19		0.51	mg/Kg	6010B
Zinc		66		2.0	mg/Kg	6010B
Mercury		0.16		0.020	mg/Kg	7471A
pH		9.00		0.200	SU	9045C
Percent Moisture		15		0.10	%	Moisture
Percent Solids		85		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18278-5	**25808-SB-8@ 2-3'**					
Acenaphthene		0.055	J	0.19	mg/Kg	8270C
Acenaphthylene		0.20		0.19	mg/Kg	8270C
Anthracene		0.69		0.19	mg/Kg	8270C
Benzo[a]anthracene		4.7		0.19	mg/Kg	8270C
Benzo[a]pyrene		5.0		0.19	mg/Kg	8270C
Benzo[b]fluoranthene		5.4		0.19	mg/Kg	8270C
Benzo[g,h,i]perylene		3.5		0.19	mg/Kg	8270C
Benzo[k]fluoranthene		2.6		0.19	mg/Kg	8270C
Chrysene		4.3		0.19	mg/Kg	8270C
Dibenz(a,h)anthracene		0.78		0.19	mg/Kg	8270C
Fluoranthene		6.6		0.19	mg/Kg	8270C
Fluorene		0.13	J	0.19	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		3.2		0.19	mg/Kg	8270C
Naphthalene		0.25		0.19	mg/Kg	8270C
Phenanthrene		1.7		0.19	mg/Kg	8270C
Pyrene		7.1		0.19	mg/Kg	8270C
Aluminum		4800		21	mg/Kg	6010B
Antimony		1.0	J B	2.1	mg/Kg	6010B
Arsenic		6.5		1.0	mg/Kg	6010B
Barium		51		1.0	mg/Kg	6010B
Beryllium		0.35	J	0.42	mg/Kg	6010B
Cadmium		0.73		0.21	mg/Kg	6010B
Calcium		24000	B	10	mg/Kg	6010B
Chromium		12	B	1.0	mg/Kg	6010B
Cobalt		5.5		0.52	mg/Kg	6010B
Copper		140		1.0	mg/Kg	6010B
Iron		29000	B	10	mg/Kg	6010B
Lead		98	B	0.52	mg/Kg	6010B
Magnesium		15000	B	10	mg/Kg	6010B
Manganese		560		1.0	mg/Kg	6010B
Nickel		13	B	1.0	mg/Kg	6010B
Potassium		670		52	mg/Kg	6010B
Silver		0.13	J	0.52	mg/Kg	6010B
Sodium		290		100	mg/Kg	6010B
Vanadium		19		0.52	mg/Kg	6010B
Zinc		270		2.1	mg/Kg	6010B
Mercury		0.33		0.020	mg/Kg	7471A
pH		8.54		0.200	SU	9045C
Percent Moisture		16		0.10	%	Moisture
Percent Solids		84		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18278-6	**25809-SB-9@ 2-3'**					
Acenaphthene		0.013	J	0.037	mg/Kg	8270C
Acenaphthylene		0.011	J	0.037	mg/Kg	8270C
Anthracene		0.035	J	0.037	mg/Kg	8270C
Benzo[a]anthracene		0.17		0.037	mg/Kg	8270C
Benzo[a]pyrene		0.18		0.037	mg/Kg	8270C
Benzo[b]fluoranthene		0.19		0.037	mg/Kg	8270C
Benzo[g,h,i]perylene		0.13		0.037	mg/Kg	8270C
Benzo[k]fluoranthene		0.11		0.037	mg/Kg	8270C
Chrysene		0.17		0.037	mg/Kg	8270C
Dibenz(a,h)anthracene		0.049		0.037	mg/Kg	8270C
Fluoranthene		0.23		0.037	mg/Kg	8270C
Fluorene		0.014	J	0.037	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		0.12		0.037	mg/Kg	8270C
Naphthalene		0.013	J	0.037	mg/Kg	8270C
Phenanthrene		0.16		0.037	mg/Kg	8270C
Pyrene		0.22		0.037	mg/Kg	8270C
Aluminum		6100		22	mg/Kg	6010B
Antimony		1.1	J B	2.2	mg/Kg	6010B
Arsenic		4.8		1.1	mg/Kg	6010B
Barium		66		1.1	mg/Kg	6010B
Beryllium		0.35	J	0.43	mg/Kg	6010B
Cadmium		0.19	J	0.22	mg/Kg	6010B
Calcium		73000	B	11	mg/Kg	6010B
Chromium		8.9	B	1.1	mg/Kg	6010B
Cobalt		3.6		0.54	mg/Kg	6010B
Copper		13		1.1	mg/Kg	6010B
Iron		11000	B	11	mg/Kg	6010B
Lead		52	B	0.54	mg/Kg	6010B
Magnesium		45000	B	11	mg/Kg	6010B
Manganese		510		1.1	mg/Kg	6010B
Nickel		8.7	B	1.1	mg/Kg	6010B
Potassium		1000		54	mg/Kg	6010B
Sodium		1600		110	mg/Kg	6010B
Vanadium		18		0.54	mg/Kg	6010B
Zinc		35		2.2	mg/Kg	6010B
Mercury		0.14		0.020	mg/Kg	7471A
pH		9.00		0.200	SU	9045C
Percent Moisture		14		0.10	%	Moisture
Percent Solids		86		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18278-7	**25810-SB-14@ 3'-4'**					
Acenaphthylene		0.018	J	0.035	mg/Kg	8270C
Anthracene		0.033	J	0.035	mg/Kg	8270C
Benzo[a]anthracene		0.24		0.035	mg/Kg	8270C
Benzo[a]pyrene		0.25		0.035	mg/Kg	8270C
Benzo[b]fluoranthene		0.29		0.035	mg/Kg	8270C
Benzo[g,h,i]perylene		0.18		0.035	mg/Kg	8270C
Benzo[k]fluoranthene		0.15		0.035	mg/Kg	8270C
Bis(2-ethylhexyl) phthalate		0.26		0.18	mg/Kg	8270C
Chrysene		0.22		0.035	mg/Kg	8270C
Dibenz(a,h)anthracene		0.065		0.035	mg/Kg	8270C
Di-n-butyl phthalate		0.028	J	0.18	mg/Kg	8270C
Fluoranthene		0.33		0.035	mg/Kg	8270C
Fluorene		0.0096	J	0.035	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		0.17		0.035	mg/Kg	8270C
2-Methylnaphthalene		0.022	J	0.18	mg/Kg	8270C
Naphthalene		0.023	J	0.035	mg/Kg	8270C
Phenanthrene		0.13		0.035	mg/Kg	8270C
Pyrene		0.31		0.035	mg/Kg	8270C
Aluminum		4200		22	mg/Kg	6010B
Antimony		0.92	J B	2.2	mg/Kg	6010B
Arsenic		3.2		1.1	mg/Kg	6010B
Barium		58		1.1	mg/Kg	6010B
Beryllium		0.31	J	0.43	mg/Kg	6010B
Cadmium		0.20	J	0.22	mg/Kg	6010B
Calcium		68000	B	11	mg/Kg	6010B
Chromium		8.2	B	1.1	mg/Kg	6010B
Cobalt		2.5		0.54	mg/Kg	6010B
Copper		29		1.1	mg/Kg	6010B
Iron		9900	B	11	mg/Kg	6010B
Lead		46	B	0.54	mg/Kg	6010B
Magnesium		40000	B	11	mg/Kg	6010B
Manganese		320		1.1	mg/Kg	6010B
Nickel		6.3	B	1.1	mg/Kg	6010B
Potassium		850		54	mg/Kg	6010B
Sodium		440		110	mg/Kg	6010B
Vanadium		14		0.54	mg/Kg	6010B
Zinc		42		2.2	mg/Kg	6010B
Mercury		0.27		0.019	mg/Kg	7471A
pH		9.41		0.200	SU	9045C
Percent Moisture		12		0.10	%	Moisture
Percent Solids		88		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18278-8	**25811-SB-13@ 3'-4'**					
Tetrachloroethene		0.53		0.043	mg/Kg	8260B
Acenaphthene		0.020	J	0.036	mg/Kg	8270C
Acenaphthylene		0.045		0.036	mg/Kg	8270C
Anthracene		0.086		0.036	mg/Kg	8270C
Benzo[a]anthracene		0.70		0.036	mg/Kg	8270C
Benzo[a]pyrene		0.77		0.036	mg/Kg	8270C
Benzo[b]fluoranthene		0.65		0.036	mg/Kg	8270C
Benzo[g,h,i]perylene		0.53		0.036	mg/Kg	8270C
Benzo[k]fluoranthene		0.67		0.036	mg/Kg	8270C
Bis(2-ethylhexyl) phthalate		0.57		0.18	mg/Kg	8270C
Chrysene		0.63		0.036	mg/Kg	8270C
Dibenz(a,h)anthracene		0.21		0.036	mg/Kg	8270C
Fluoranthene		0.92		0.036	mg/Kg	8270C
Fluorene		0.020	J	0.036	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		0.48		0.036	mg/Kg	8270C
2-Methylnaphthalene		0.11	J	0.18	mg/Kg	8270C
Naphthalene		0.091		0.036	mg/Kg	8270C
Phenanthrene		0.32		0.036	mg/Kg	8270C
Pyrene		0.90		0.036	mg/Kg	8270C
Aluminum		5700		22	mg/Kg	6010B
Antimony		0.91	J B	2.2	mg/Kg	6010B
Arsenic		4.2		1.1	mg/Kg	6010B
Barium		54		1.1	mg/Kg	6010B
Beryllium		0.43	J	0.44	mg/Kg	6010B
Cadmium		0.17	J	0.22	mg/Kg	6010B
Calcium		62000	B	11	mg/Kg	6010B
Chromium		11	B	1.1	mg/Kg	6010B
Cobalt		3.1		0.55	mg/Kg	6010B
Copper		76		1.1	mg/Kg	6010B
Iron		15000	B	11	mg/Kg	6010B
Lead		250	B	0.55	mg/Kg	6010B
Magnesium		37000	B	11	mg/Kg	6010B
Manganese		350		1.1	mg/Kg	6010B
Nickel		8.4	B	1.1	mg/Kg	6010B
Potassium		880		55	mg/Kg	6010B
Sodium		450		110	mg/Kg	6010B
Vanadium		18		0.55	mg/Kg	6010B
Zinc		54		2.2	mg/Kg	6010B
Mercury		0.32		0.019	mg/Kg	7471A
pH		8.85		0.200	SU	9045C
Percent Moisture		12		0.10	%	Moisture
Percent Solids		88		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18278-9	**25812-SB-12@ 4-5'**					
Acenaphthene		0.28		0.18	mg/Kg	8270C
Acenaphthylene		0.28		0.18	mg/Kg	8270C
Anthracene		1.3		0.18	mg/Kg	8270C
Benzo[a]anthracene		4.1		0.18	mg/Kg	8270C
Benzo[a]pyrene		4.1		0.18	mg/Kg	8270C
Benzo[b]fluoranthene		4.3		0.18	mg/Kg	8270C
Benzo[g,h,i]perylene		2.8		0.18	mg/Kg	8270C
Benzo[k]fluoranthene		2.2		0.18	mg/Kg	8270C
Carbazole		0.26	J	0.92	mg/Kg	8270C
Chrysene		3.9		0.18	mg/Kg	8270C
Dibenz(a,h)anthracene		1.0		0.18	mg/Kg	8270C
Dibenzofuran		0.32	J	0.92	mg/Kg	8270C
Fluoranthene		7.5		0.18	mg/Kg	8270C
Fluorene		0.49		0.18	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		2.4		0.18	mg/Kg	8270C
2-Methylnaphthalene		0.29	J	0.92	mg/Kg	8270C
Naphthalene		0.39		0.18	mg/Kg	8270C
N-Nitrosodiphenylamine		0.20	J *	0.92	mg/Kg	8270C
Phenanthrene		5.6		0.18	mg/Kg	8270C
Pyrene		7.4		0.18	mg/Kg	8270C
Aluminum		6200		21	mg/Kg	6010B
Antimony		0.76	J B	2.1	mg/Kg	6010B
Arsenic		6.6		1.1	mg/Kg	6010B
Barium		61		1.1	mg/Kg	6010B
Beryllium		0.50		0.43	mg/Kg	6010B
Cadmium		0.33		0.21	mg/Kg	6010B
Calcium		34000	B	11	mg/Kg	6010B
Chromium		14	B	1.1	mg/Kg	6010B
Cobalt		4.2		0.53	mg/Kg	6010B
Copper		25		1.1	mg/Kg	6010B
Iron		21000	B	11	mg/Kg	6010B
Lead		73	B	0.53	mg/Kg	6010B
Magnesium		19000	B	11	mg/Kg	6010B
Manganese		590		1.1	mg/Kg	6010B
Nickel		12	B	1.1	mg/Kg	6010B
Potassium		880		53	mg/Kg	6010B
Sodium		290		110	mg/Kg	6010B
Vanadium		25		0.53	mg/Kg	6010B
Zinc		81		2.1	mg/Kg	6010B
Mercury		0.44		0.019	mg/Kg	7471A
pH		8.25		0.200	SU	9045C
Percent Moisture		13		0.10	%	Moisture
Percent Solids		87		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18278-10	**25813-SB-11@ 3.5-4.5'**					
Acenaphthylene		0.020	J	0.039	mg/Kg	8270C
Anthracene		0.038	J	0.039	mg/Kg	8270C
Benzo[a]anthracene		0.20		0.039	mg/Kg	8270C
Benzo[a]pyrene		0.20		0.039	mg/Kg	8270C
Benzo[b]fluoranthene		0.24		0.039	mg/Kg	8270C
Benzo[g,h,i]perylene		0.13		0.039	mg/Kg	8270C
Benzo[k]fluoranthene		0.096		0.039	mg/Kg	8270C
Bis(2-ethylhexyl) phthalate		0.46		0.20	mg/Kg	8270C
Chrysene		0.19		0.039	mg/Kg	8270C
Dibenz(a,h)anthracene		0.031	J	0.039	mg/Kg	8270C
Fluoranthene		0.30		0.039	mg/Kg	8270C
Fluorene		0.011	J	0.039	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		0.12		0.039	mg/Kg	8270C
Naphthalene		0.012	J	0.039	mg/Kg	8270C
Phenanthrene		0.10		0.039	mg/Kg	8270C
Pyrene		0.28		0.039	mg/Kg	8270C
Aluminum		7500		23	mg/Kg	6010B
Antimony		0.44	J B	2.3	mg/Kg	6010B
Arsenic		4.7		1.2	mg/Kg	6010B
Barium		75		1.2	mg/Kg	6010B
Beryllium		0.41	J	0.46	mg/Kg	6010B
Cadmium		0.18	J	0.23	mg/Kg	6010B
Calcium		37000	B	12	mg/Kg	6010B
Chromium		13	B	1.2	mg/Kg	6010B
Cobalt		5.7		0.58	mg/Kg	6010B
Copper		22		1.2	mg/Kg	6010B
Iron		14000	B	12	mg/Kg	6010B
Lead		44	B	0.58	mg/Kg	6010B
Magnesium		23000	B	12	mg/Kg	6010B
Manganese		480		1.2	mg/Kg	6010B
Nickel		9.7	B	1.2	mg/Kg	6010B
Potassium		1200		58	mg/Kg	6010B
Sodium		310		120	mg/Kg	6010B
Vanadium		22		0.58	mg/Kg	6010B
Zinc		54		2.3	mg/Kg	6010B
Mercury		0.12		0.020	mg/Kg	7471A
pH		8.68		0.200	SU	9045C
Percent Moisture		16		0.10	%	Moisture
Percent Solids		84		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18278-11	**25814-SB-10@ 3'-4'**					
Anthracene		0.0078	J	0.037	mg/Kg	8270C
Benzo[a]anthracene		0.069		0.037	mg/Kg	8270C
Benzo[a]pyrene		0.065		0.037	mg/Kg	8270C
Benzo[b]fluoranthene		0.070		0.037	mg/Kg	8270C
Benzo[g,h,i]perylene		0.045		0.037	mg/Kg	8270C
Benzo[k]fluoranthene		0.049		0.037	mg/Kg	8270C
Chrysene		0.075		0.037	mg/Kg	8270C
Dibenz(a,h)anthracene		0.011	J	0.037	mg/Kg	8270C
Fluoranthene		0.091		0.037	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		0.043		0.037	mg/Kg	8270C
Phenanthrene		0.031	J	0.037	mg/Kg	8270C
Pyrene		0.079		0.037	mg/Kg	8270C
Aluminum		8800		21	mg/Kg	6010B
Antimony		0.54	J B	2.1	mg/Kg	6010B
Arsenic		5.0		1.1	mg/Kg	6010B
Barium		110		1.1	mg/Kg	6010B
Beryllium		0.42	J	0.43	mg/Kg	6010B
Calcium		9800	B	11	mg/Kg	6010B
Chromium		13	B	1.1	mg/Kg	6010B
Cobalt		7.4		0.54	mg/Kg	6010B
Copper		9.6		1.1	mg/Kg	6010B
Iron		15000	B	11	mg/Kg	6010B
Lead		32	B	0.54	mg/Kg	6010B
Magnesium		6400	B	11	mg/Kg	6010B
Manganese		630		1.1	mg/Kg	6010B
Nickel		12	B	1.1	mg/Kg	6010B
Potassium		1000		54	mg/Kg	6010B
Sodium		280		110	mg/Kg	6010B
Vanadium		25		0.54	mg/Kg	6010B
Zinc		46		2.1	mg/Kg	6010B
Mercury		0.070		0.020	mg/Kg	7471A
pH		8.73		0.200	SU	9045C
Percent Moisture		16		0.10	%	Moisture
Percent Solids		84		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18278-12	**25815-SB-1@ 3'-4'**					
Acetone		0.0041		0.0039	mg/Kg	8260B
Acenaphthene		0.030	J	0.039	mg/Kg	8270C
Acenaphthylene		0.040		0.039	mg/Kg	8270C
Anthracene		0.091		0.039	mg/Kg	8270C
Benzo[a]anthracene		0.41		0.039	mg/Kg	8270C
Benzo[a]pyrene		0.37		0.039	mg/Kg	8270C
Benzo[b]fluoranthene		0.44		0.039	mg/Kg	8270C
Benzo[g,h,i]perylene		0.28		0.039	mg/Kg	8270C
Benzo[k]fluoranthene		0.23		0.039	mg/Kg	8270C
Carbazole		0.051	J	0.20	mg/Kg	8270C
Chrysene		0.38		0.039	mg/Kg	8270C
Dibenz(a,h)anthracene		0.060		0.039	mg/Kg	8270C
Fluoranthene		0.79		0.039	mg/Kg	8270C
Fluorene		0.036	J	0.039	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		0.23		0.039	mg/Kg	8270C
Naphthalene		0.023	J	0.039	mg/Kg	8270C
Phenanthrene		0.42		0.039	mg/Kg	8270C
Pyrene		0.62		0.039	mg/Kg	8270C
Aluminum		7200		23	mg/Kg	6010B
Antimony		0.58	J B	2.3	mg/Kg	6010B
Arsenic		5.5		1.1	mg/Kg	6010B
Barium		86		1.1	mg/Kg	6010B
Beryllium		0.38	J	0.45	mg/Kg	6010B
Cadmium		0.25		0.23	mg/Kg	6010B
Calcium		20000	B	11	mg/Kg	6010B
Chromium		11	B	1.1	mg/Kg	6010B
Cobalt		6.2		0.57	mg/Kg	6010B
Copper		16		1.1	mg/Kg	6010B
Iron		13000	B	11	mg/Kg	6010B
Lead		220	B	0.57	mg/Kg	6010B
Magnesium		12000	B	11	mg/Kg	6010B
Manganese		610		1.1	mg/Kg	6010B
Nickel		9.7	B	1.1	mg/Kg	6010B
Potassium		1100		57	mg/Kg	6010B
Sodium		210		110	mg/Kg	6010B
Vanadium		21		0.57	mg/Kg	6010B
Zinc		62		2.3	mg/Kg	6010B
Mercury		0.42		0.020	mg/Kg	7471A
pH		8.72		0.200	SU	9045C
Percent Moisture		17		0.10	%	Moisture
Percent Solids		83		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18278-13	**25816-SB-2@ 3'-4'**					
Acenaphthylene		0.023	J	0.040	mg/Kg	8270C
Anthracene		0.040	J	0.040	mg/Kg	8270C
Benzo[a]anthracene		0.20		0.040	mg/Kg	8270C
Benzo[a]pyrene		0.21		0.040	mg/Kg	8270C
Benzo[b]fluoranthene		0.23		0.040	mg/Kg	8270C
Benzo[g,h,i]perylene		0.16		0.040	mg/Kg	8270C
Benzo[k]fluoranthene		0.14		0.040	mg/Kg	8270C
Chrysene		0.20		0.040	mg/Kg	8270C
Dibenz(a,h)anthracene		0.034	J	0.040	mg/Kg	8270C
Fluoranthene		0.36		0.040	mg/Kg	8270C
Fluorene		0.0082	J	0.040	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		0.14		0.040	mg/Kg	8270C
Naphthalene		0.016	J	0.040	mg/Kg	8270C
Phenanthrene		0.17		0.040	mg/Kg	8270C
Pyrene		0.32		0.040	mg/Kg	8270C
Aluminum		6300		22	mg/Kg	6010B
Antimony		0.62	J B	2.2	mg/Kg	6010B
Arsenic		4.1		1.1	mg/Kg	6010B
Barium		110		1.1	mg/Kg	6010B
Beryllium		0.41	J	0.45	mg/Kg	6010B
Cadmium		0.22	J	0.22	mg/Kg	6010B
Calcium		37000	B	11	mg/Kg	6010B
Chromium		11	B	1.1	mg/Kg	6010B
Cobalt		5.6		0.56	mg/Kg	6010B
Copper		78		1.1	mg/Kg	6010B
Iron		13000	B	11	mg/Kg	6010B
Lead		88	B	0.56	mg/Kg	6010B
Magnesium		20000	B	11	mg/Kg	6010B
Manganese		710		1.1	mg/Kg	6010B
Nickel		9.6	B V	1.1	mg/Kg	6010B
Potassium		1000	V	56	mg/Kg	6010B
Sodium		280		110	mg/Kg	6010B
Vanadium		19		0.56	mg/Kg	6010B
Zinc		90	V	2.2	mg/Kg	6010B
Mercury		0.12		0.021	mg/Kg	7471A
pH		7.60		0.200	SU	9045C
Percent Moisture		19		0.10	%	Moisture
Percent Solids		81		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18278-14	**25817-SB-3@ 3'-4'**					
Bis(2-ethylhexyl) phthalate		0.81		0.20	mg/Kg	8270C
Aluminum		8900		22	mg/Kg	6010B
Antimony		0.47	J B	2.2	mg/Kg	6010B
Arsenic		4.5		1.1	mg/Kg	6010B
Barium		87		1.1	mg/Kg	6010B
Beryllium		0.42	J	0.44	mg/Kg	6010B
Calcium		1600	B	11	mg/Kg	6010B
Chromium		13	B	1.1	mg/Kg	6010B
Cobalt		9.2		0.55	mg/Kg	6010B
Copper		6.8		1.1	mg/Kg	6010B
Iron		13000	B	11	mg/Kg	6010B
Lead		13	B	0.55	mg/Kg	6010B
Magnesium		1900	B	11	mg/Kg	6010B
Manganese		750		1.1	mg/Kg	6010B
Nickel		11	B	1.1	mg/Kg	6010B
Potassium		1000		55	mg/Kg	6010B
Sodium		940		110	mg/Kg	6010B
Vanadium		26		0.55	mg/Kg	6010B
Zinc		32		2.2	mg/Kg	6010B
Mercury		0.032		0.020	mg/Kg	7471A
pH		9.13		0.200	SU	9045C
Percent Moisture		18		0.10	%	Moisture
Percent Solids		82		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18278-15	**25818-SB-4@ 2'-3'**					
Aluminum		13000		22	mg/Kg	6010B
Antimony		0.48	J B	2.2	mg/Kg	6010B
Arsenic		6.2		1.1	mg/Kg	6010B
Barium		82		1.1	mg/Kg	6010B
Beryllium		0.54		0.44	mg/Kg	6010B
Calcium		2300	B	11	mg/Kg	6010B
Chromium		16	B	1.1	mg/Kg	6010B
Cobalt		9.3		0.55	mg/Kg	6010B
Copper		10		1.1	mg/Kg	6010B
Iron		18000	B	11	mg/Kg	6010B
Lead		12	B	0.55	mg/Kg	6010B
Magnesium		2400	B	11	mg/Kg	6010B
Manganese		600		1.1	mg/Kg	6010B
Nickel		13	B	1.1	mg/Kg	6010B
Potassium		900		55	mg/Kg	6010B
Sodium		170		110	mg/Kg	6010B
Vanadium		31		0.55	mg/Kg	6010B
Zinc		39		2.2	mg/Kg	6010B
Mercury		0.014	J	0.021	mg/Kg	7471A
pH		8.18		0.200	SU	9045C
Percent Moisture		19		0.10	%	Moisture
Percent Solids		81		0.10	%	Moisture

METHOD SUMMARY

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL CHI	SW846 8260B	
Closed System Purge and Trap	TAL CHI		SW846 5035
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL CHI	SW846 8270C	
Automated Soxhlet Extraction	TAL CHI		SW846 3541
Metals (ICP)	TAL CHI	SW846 6010B	
Preparation, Metals	TAL CHI		SW846 3050B
Mercury (CVAA)	TAL CHI	SW846 7471A	
Preparation, Mercury	TAL CHI		SW846 7471A
Cyanide	TAL CHI	SW846 9014	
Cyanide, Distillation	TAL CHI		SW846 9010B
pH	TAL CHI	SW846 9045C	
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL CHI	SW846 8260B	
Purge and Trap	TAL CHI		SW846 5030B

Lab References:

TAL CHI = TestAmerica Chicago

Method References:

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

METHOD / ANALYST SUMMARY

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Method	Analyst	Analyst ID
SW846 8260B	Petruszak-Kmetty, JoAnn	JP
SW846 8260B	Werner, Brian D	BDW
SW846 8270C	Akcakal, Duran	DA
SW846 6010B	Smith, Todd D	TDS
SW846 7471A	Klee, George O	GOK
SW846 9014	Moore, Colleen L	CLM
SW846 9045C	Moore, Colleen L	CLM
EPA Moisture	Boyd, Cheryl L	CLB

SAMPLE SUMMARY

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
500-18278-1	25804-SB-6@ 2-3'	Solid	04/15/2009 0920	04/16/2009 1030
500-18278-2	25805-SB-5@ 2-3'	Solid	04/15/2009 0935	04/16/2009 1030
500-18278-3	25806-SB-7@ 2-3'	Solid	04/15/2009 1020	04/16/2009 1030
500-18278-4	25807-SB-7@ 2-3' DUP	Solid	04/15/2009 1022	04/16/2009 1030
500-18278-5	25808-SB-8@ 2-3'	Solid	04/15/2009 1035	04/16/2009 1030
500-18278-6	25809-SB-9@ 2-3'	Solid	04/15/2009 1045	04/16/2009 1030
500-18278-7	25810-SB-14@ 3'-4'	Solid	04/15/2009 1100	04/16/2009 1030
500-18278-8	25811-SB-13@ 3'-4'	Solid	04/15/2009 1107	04/16/2009 1030
500-18278-9	25812-SB-12@ 4-5'	Solid	04/15/2009 1125	04/16/2009 1030
500-18278-10	25813-SB-11@ 3.5-4.5'	Solid	04/15/2009 1135	04/16/2009 1030
500-18278-11	25814-SB-10@ 3'-4'	Solid	04/15/2009 1145	04/16/2009 1030
500-18278-12	25815-SB-1@ 3'-4'	Solid	04/15/2009 1330	04/16/2009 1030
500-18278-13	25816-SB-2@ 3'-4'	Solid	04/15/2009 1340	04/16/2009 1030
500-18278-13MS	25816-SB-2@ 3'-4'	Solid	04/15/2009 1340	04/16/2009 1030
500-18278-13MSD	25816-SB-2@ 3'-4'	Solid	04/15/2009 1340	04/16/2009 1030
500-18278-14	25817-SB-3@ 3'-4'	Solid	04/15/2009 1405	04/16/2009 1030
500-18278-15	25818-SB-4@ 2'-3'	Solid	04/15/2009 1420	04/16/2009 1030
500-18278-16	TRIP BLANK	Water	04/15/2009 1200	04/16/2009 1030

SAMPLE RESULTS

Steve Anstine
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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25804-SB-6@ 2-3'
Lab Sample ID: 500-18278-1

Date Sampled: 04/15/2009 0920
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 82

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	04/22/2009 1137		
Prep Method: 5035			Date Prepared:	04/15/2009 0920		
Chloromethane	<0.0030		mg/Kg	0.00096	0.0030	1.0
Vinyl chloride	<0.0030	*	mg/Kg	0.00084	0.0030	1.0
Bromomethane	<0.0030		mg/Kg	0.0013	0.0030	1.0
Chloroethane	<0.0030		mg/Kg	0.00072	0.0030	1.0
1,1-Dichloroethene	<0.0030		mg/Kg	0.00053	0.0030	1.0
Acetone	<0.0030		mg/Kg	0.0011	0.0030	1.0
Carbon disulfide	<0.0030		mg/Kg	0.00056	0.0030	1.0
Methylene Chloride	<0.0030		mg/Kg	0.00047	0.0030	1.0
trans-1,2-Dichloroethene	<0.0030		mg/Kg	0.00060	0.0030	1.0
Methyl tert-butyl ether	<0.0030		mg/Kg	0.00078	0.0030	1.0
1,1-Dichloroethane	<0.0030		mg/Kg	0.00057	0.0030	1.0
cis-1,2-Dichloroethene	<0.0030		mg/Kg	0.00057	0.0030	1.0
Methyl Ethyl Ketone	<0.0030		mg/Kg	0.0011	0.0030	1.0
Chloroform	<0.0030		mg/Kg	0.00059	0.0030	1.0
1,1,1-Trichloroethane	<0.0030		mg/Kg	0.00053	0.0030	1.0
Carbon tetrachloride	<0.0030		mg/Kg	0.00056	0.0030	1.0
Benzene	<0.0030		mg/Kg	0.00051	0.0030	1.0
1,2-Dichloroethane	<0.0030		mg/Kg	0.00066	0.0030	1.0
Trichloroethene	<0.0030		mg/Kg	0.00057	0.0030	1.0
1,2-Dichloropropane	<0.0030		mg/Kg	0.00056	0.0030	1.0
Bromodichloromethane	<0.0030		mg/Kg	0.00047	0.0030	1.0
cis-1,3-Dichloropropene	<0.0030		mg/Kg	0.00048	0.0030	1.0
methyl isobutyl ketone	<0.0030		mg/Kg	0.00090	0.0030	1.0
Toluene	<0.0030		mg/Kg	0.00053	0.0030	1.0
trans-1,3-Dichloropropene	<0.0030		mg/Kg	0.00057	0.0030	1.0
1,1,2-Trichloroethane	<0.0030		mg/Kg	0.0011	0.0030	1.0
Tetrachloroethene	<0.0030		mg/Kg	0.00048	0.0030	1.0
2-Hexanone	<0.0030		mg/Kg	0.00072	0.0030	1.0
Dibromochloromethane	<0.0030		mg/Kg	0.00050	0.0030	1.0
Chlorobenzene	<0.0030		mg/Kg	0.00041	0.0030	1.0
Ethylbenzene	<0.0030		mg/Kg	0.00042	0.0030	1.0
Xylenes, Total	<0.0060		mg/Kg	0.00090	0.0060	1.0
Styrene	<0.0030		mg/Kg	0.00045	0.0030	1.0
Bromoform	<0.0030		mg/Kg	0.00060	0.0030	1.0
1,1,2,2-Tetrachloroethane	<0.0030		mg/Kg	0.00072	0.0030	1.0
1,3-Dichloropropene, Total	<0.0030		mg/Kg	0.00057	0.0030	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	126	%	75 - 140

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25804-SB-6@ 2-3'
Lab Sample ID: 500-18278-1

Date Sampled: 04/15/2009 0920
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 82

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Toluene-d8 (Surr)	118		%		75 - 130	
4-Bromofluorobenzene (Surr)	106		%		75 - 120	
Dibromofluoromethane	132		%		75 - 140	
Method: 8270C			Date Analyzed:	04/28/2009 1627		
Prep Method: 3541			Date Prepared:	04/17/2009 0812		
Acenaphthene	0.017	J	mg/Kg	0.0051	0.040	1.0
Acenaphthylene	0.043		mg/Kg	0.0042	0.040	1.0
Anthracene	0.092		mg/Kg	0.0047	0.040	1.0
Benzo[a]anthracene	0.53		mg/Kg	0.0051	0.040	1.0
Benzo[a]pyrene	0.55		mg/Kg	0.0038	0.040	1.0
Benzo[b]fluoranthene	0.55		mg/Kg	0.0089	0.040	1.0
Benzo[g,h,i]perylene	0.42		mg/Kg	0.0069	0.040	1.0
Benzo[k]fluoranthene	0.47		mg/Kg	0.0086	0.040	1.0
Bis(2-chloroethoxy)methane	<0.20		mg/Kg	0.025	0.20	1.0
Bis(2-chloroethyl)ether	<0.20		mg/Kg	0.026	0.20	1.0
Bis(2-ethylhexyl) phthalate	<0.20		mg/Kg	0.034	0.20	1.0
4-Bromophenyl phenyl ether	<0.20		mg/Kg	0.016	0.20	1.0
Butyl benzyl phthalate	<0.20		mg/Kg	0.018	0.20	1.0
Carbazole	<0.20		mg/Kg	0.015	0.20	1.0
4-Chloroaniline	<0.81		mg/Kg	0.16	0.81	1.0
4-Chloro-3-methylphenol	<0.40		mg/Kg	0.099	0.40	1.0
2-Chloronaphthalene	<0.20		mg/Kg	0.018	0.20	1.0
2-Chlorophenol	<0.20		mg/Kg	0.035	0.20	1.0
4-Chlorophenyl phenyl ether	<0.20		mg/Kg	0.017	0.20	1.0
Chrysene	0.48		mg/Kg	0.0063	0.040	1.0
Dibenz(a,h)anthracene	0.10		mg/Kg	0.0050	0.040	1.0
Dibenzofuran	<0.20		mg/Kg	0.015	0.20	1.0
1,2-Dichlorobenzene	<0.20		mg/Kg	0.020	0.20	1.0
1,3-Dichlorobenzene	<0.20		mg/Kg	0.021	0.20	1.0
1,4-Dichlorobenzene	<0.20		mg/Kg	0.022	0.20	1.0
3,3'-Dichlorobenzidine	<0.20		mg/Kg	0.059	0.20	1.0
2,4-Dichlorophenol	<0.40		mg/Kg	0.043	0.40	1.0
Diethyl phthalate	<0.20		mg/Kg	0.021	0.20	1.0
2,4-Dimethylphenol	<0.40		mg/Kg	0.074	0.40	1.0
Dimethyl phthalate	<0.20		mg/Kg	0.016	0.20	1.0
Di-n-butyl phthalate	<0.20		mg/Kg	0.016	0.20	1.0
4,6-Dinitro-2-methylphenol	<0.40		mg/Kg	0.049	0.40	1.0
2,4-Dinitrophenol	<0.81		mg/Kg	0.22	0.81	1.0
2,4-Dinitrotoluene	<0.20		mg/Kg	0.022	0.20	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25804-SB-6@ 2-3'
Lab Sample ID: 500-18278-1

Date Sampled: 04/15/2009 0920
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 82

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2,6-Dinitrotoluene	<0.20		mg/Kg	0.021	0.20	1.0
Di-n-octyl phthalate	<0.20		mg/Kg	0.018	0.20	1.0
Fluoranthene	0.87		mg/Kg	0.0052	0.040	1.0
Fluorene	0.019	J	mg/Kg	0.0042	0.040	1.0
Hexachlorobenzene	<0.081		mg/Kg	0.0058	0.081	1.0
Hexachlorobutadiene	<0.20		mg/Kg	0.023	0.20	1.0
Hexachlorocyclopentadiene	<0.81		mg/Kg	0.14	0.81	1.0
Hexachloroethane	<0.20		mg/Kg	0.021	0.20	1.0
Indeno[1,2,3-cd]pyrene	0.39		mg/Kg	0.0052	0.040	1.0
Isophorone	<0.20		mg/Kg	0.016	0.20	1.0
2-Methylnaphthalene	<0.20		mg/Kg	0.023	0.20	1.0
2-Methylphenol	<0.20		mg/Kg	0.040	0.20	1.0
3 & 4 Methylphenol	<0.20		mg/Kg	0.037	0.20	1.0
Naphthalene	0.024	J	mg/Kg	0.0041	0.040	1.0
2-Nitroaniline	<0.20		mg/Kg	0.022	0.20	1.0
3-Nitroaniline	<0.40		mg/Kg	0.079	0.40	1.0
4-Nitroaniline	<0.40		mg/Kg	0.086	0.40	1.0
Nitrobenzene	<0.040		mg/Kg	0.0074	0.040	1.0
2-Nitrophenol	<0.40		mg/Kg	0.049	0.40	1.0
4-Nitrophenol	<0.81		mg/Kg	0.070	0.81	1.0
N-Nitrosodi-n-propylamine	<0.20		mg/Kg	0.028	0.20	1.0
N-Nitrosodiphenylamine	<0.20	*	mg/Kg	0.012	0.20	1.0
2,2'-oxybis[1-chloropropane]	<0.20		mg/Kg	0.021	0.20	1.0
Pentachlorophenol	<0.81		mg/Kg	0.15	0.81	1.0
Phenanthrene	0.34		mg/Kg	0.0035	0.040	1.0
Phenol	<0.20		mg/Kg	0.036	0.20	1.0
Pyrene	0.79		mg/Kg	0.0047	0.040	1.0
1,2,4-Trichlorobenzene	<0.20		mg/Kg	0.020	0.20	1.0
2,4,5-Trichlorophenol	<0.40	*	mg/Kg	0.056	0.40	1.0
2,4,6-Trichlorophenol	<0.40		mg/Kg	0.041	0.40	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	57	%	33 - 114
2-Fluorophenol	47	%	25 - 111
Nitrobenzene-d5	49	%	21 - 116
Phenol-d5	59	%	31 - 110
Terphenyl-d14	79	%	48 - 146
2,4,6-Tribromophenol	86	%	32 - 138

Method: 6010B Date Analyzed: 04/20/2009 1019
Prep Method: 3050B Date Prepared: 04/17/2009 0844

Aluminum	7100	mg/Kg	2.1	23	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25804-SB-6@ 2-3'
Lab Sample ID: 500-18278-1

Date Sampled: 04/15/2009 0920
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 82

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Antimony	0.87	J B	mg/Kg	0.33	2.3	1.0
Arsenic	5.9		mg/Kg	0.33	1.1	1.0
Barium	99		mg/Kg	0.037	1.1	1.0
Beryllium	0.44	J	mg/Kg	0.011	0.46	1.0
Cadmium	0.34		mg/Kg	0.038	0.23	1.0
Calcium	53000	B	mg/Kg	0.97	11	1.0
Chromium	11	B	mg/Kg	0.10	1.1	1.0
Cobalt	4.9		mg/Kg	0.084	0.57	1.0
Copper	27		mg/Kg	0.52	1.1	1.0
Iron	13000	B	mg/Kg	2.3	11	1.0
Lead	98	B	mg/Kg	0.13	0.57	1.0
Magnesium	31000	B	mg/Kg	1.4	11	1.0
Manganese	510		mg/Kg	0.036	1.1	1.0
Nickel	10	B	mg/Kg	0.071	1.1	1.0
Potassium	1100		mg/Kg	7.0	57	1.0
Selenium	<1.1		mg/Kg	0.44	1.1	1.0
Silver	0.16	J	mg/Kg	0.11	0.57	1.0
Sodium	830		mg/Kg	23	110	1.0
Thallium	<1.1		mg/Kg	0.38	1.1	1.0
Vanadium	20		mg/Kg	0.097	0.57	1.0
Zinc	91		mg/Kg	0.21	2.3	1.0
Method: 7471A			Date Analyzed:	04/17/2009 1258		
Prep Method: 7471A			Date Prepared:	04/17/2009 1100		
Mercury	0.29		mg/Kg	0.0082	0.020	1.0
Method: 9014			Date Analyzed:	04/21/2009 1606		
Prep Method: 9010B			Date Prepared:	04/21/2009 1140		
Cyanide, Total	<0.50		mg/Kg	0.13	0.50	1.0
Method: 9045C			Date Analyzed:	04/18/2009 1320		
pH	9.20		SU	0.200	0.200	1.0
Method: Moisture			Date Analyzed:	04/17/2009 0338		
Percent Moisture	18		%	0.10	0.10	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25805-SB-5@ 2-3'
Lab Sample ID: 500-18278-2

Date Sampled: 04/15/2009 0935
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 80

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	04/22/2009 1203		
Prep Method: 5035			Date Prepared:	04/15/2009 0935		
Chloromethane	<0.0029		mg/Kg	0.00092	0.0029	1.0
Vinyl chloride	<0.0029	*	mg/Kg	0.00080	0.0029	1.0
Bromomethane	<0.0029		mg/Kg	0.0013	0.0029	1.0
Chloroethane	<0.0029		mg/Kg	0.00069	0.0029	1.0
1,1-Dichloroethene	<0.0029		mg/Kg	0.00050	0.0029	1.0
Acetone	<0.0029		mg/Kg	0.0011	0.0029	1.0
Carbon disulfide	<0.0029		mg/Kg	0.00054	0.0029	1.0
Methylene Chloride	<0.0029		mg/Kg	0.00045	0.0029	1.0
trans-1,2-Dichloroethene	<0.0029		mg/Kg	0.00057	0.0029	1.0
Methyl tert-butyl ether	<0.0029		mg/Kg	0.00074	0.0029	1.0
1,1-Dichloroethane	<0.0029		mg/Kg	0.00055	0.0029	1.0
cis-1,2-Dichloroethene	<0.0029		mg/Kg	0.00055	0.0029	1.0
Methyl Ethyl Ketone	<0.0029		mg/Kg	0.0010	0.0029	1.0
Chloroform	<0.0029		mg/Kg	0.00056	0.0029	1.0
1,1,1-Trichloroethane	<0.0029		mg/Kg	0.00051	0.0029	1.0
Carbon tetrachloride	<0.0029		mg/Kg	0.00054	0.0029	1.0
Benzene	<0.0029		mg/Kg	0.00049	0.0029	1.0
1,2-Dichloroethane	<0.0029		mg/Kg	0.00063	0.0029	1.0
Trichloroethene	<0.0029		mg/Kg	0.00055	0.0029	1.0
1,2-Dichloropropane	<0.0029		mg/Kg	0.00054	0.0029	1.0
Bromodichloromethane	<0.0029		mg/Kg	0.00045	0.0029	1.0
cis-1,3-Dichloropropene	<0.0029		mg/Kg	0.00046	0.0029	1.0
methyl isobutyl ketone	<0.0029		mg/Kg	0.00086	0.0029	1.0
Toluene	<0.0029		mg/Kg	0.00050	0.0029	1.0
trans-1,3-Dichloropropene	<0.0029		mg/Kg	0.00055	0.0029	1.0
1,1,2-Trichloroethane	<0.0029		mg/Kg	0.0010	0.0029	1.0
Tetrachloroethene	<0.0029		mg/Kg	0.00046	0.0029	1.0
2-Hexanone	<0.0029		mg/Kg	0.00069	0.0029	1.0
Dibromochloromethane	<0.0029		mg/Kg	0.00048	0.0029	1.0
Chlorobenzene	<0.0029		mg/Kg	0.00039	0.0029	1.0
Ethylbenzene	<0.0029		mg/Kg	0.00041	0.0029	1.0
Xylenes, Total	<0.0057		mg/Kg	0.00086	0.0057	1.0
Styrene	<0.0029		mg/Kg	0.00043	0.0029	1.0
Bromoform	<0.0029		mg/Kg	0.00057	0.0029	1.0
1,1,2,2-Tetrachloroethane	<0.0029		mg/Kg	0.00069	0.0029	1.0
1,3-Dichloropropene, Total	<0.0029		mg/Kg	0.00055	0.0029	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	126	%	75 - 140

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25805-SB-5@ 2-3'
Lab Sample ID: 500-18278-2

Date Sampled: 04/15/2009 0935
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 80

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	113	%		75 - 130	
4-Bromofluorobenzene (Surr)	102	%		75 - 120	
Dibromofluoromethane	126	%		75 - 140	
Method: 8270C		Date Analyzed:	04/28/2009 1648		
Prep Method: 3541		Date Prepared:	04/17/2009 0812		
Acenaphthene	<0.040	mg/Kg	0.0051	0.040	1.0
Acenaphthylene	<0.040	mg/Kg	0.0042	0.040	1.0
Anthracene	<0.040	mg/Kg	0.0047	0.040	1.0
Benzo[a]anthracene	<0.040	mg/Kg	0.0051	0.040	1.0
Benzo[a]pyrene	<0.040	mg/Kg	0.0037	0.040	1.0
Benzo[b]fluoranthene	<0.040	mg/Kg	0.0088	0.040	1.0
Benzo[g,h,i]perylene	<0.040	mg/Kg	0.0069	0.040	1.0
Benzo[k]fluoranthene	<0.040	mg/Kg	0.0086	0.040	1.0
Bis(2-chloroethoxy)methane	<0.20	mg/Kg	0.025	0.20	1.0
Bis(2-chloroethyl)ether	<0.20	mg/Kg	0.026	0.20	1.0
Bis(2-ethylhexyl) phthalate	<0.20	mg/Kg	0.034	0.20	1.0
4-Bromophenyl phenyl ether	<0.20	mg/Kg	0.016	0.20	1.0
Butyl benzyl phthalate	<0.20	mg/Kg	0.018	0.20	1.0
Carbazole	<0.20	mg/Kg	0.015	0.20	1.0
4-Chloroaniline	<0.81	mg/Kg	0.15	0.81	1.0
4-Chloro-3-methylphenol	<0.40	mg/Kg	0.098	0.40	1.0
2-Chloronaphthalene	<0.20	mg/Kg	0.018	0.20	1.0
2-Chlorophenol	<0.20	mg/Kg	0.035	0.20	1.0
4-Chlorophenyl phenyl ether	<0.20	mg/Kg	0.017	0.20	1.0
Chrysene	<0.040	mg/Kg	0.0063	0.040	1.0
Dibenz(a,h)anthracene	<0.040	mg/Kg	0.0050	0.040	1.0
Dibenzofuran	<0.20	mg/Kg	0.015	0.20	1.0
1,2-Dichlorobenzene	<0.20	mg/Kg	0.020	0.20	1.0
1,3-Dichlorobenzene	<0.20	mg/Kg	0.021	0.20	1.0
1,4-Dichlorobenzene	<0.20	mg/Kg	0.022	0.20	1.0
3,3'-Dichlorobenzidine	<0.20	mg/Kg	0.059	0.20	1.0
2,4-Dichlorophenol	<0.40	mg/Kg	0.043	0.40	1.0
Diethyl phthalate	<0.20	mg/Kg	0.021	0.20	1.0
2,4-Dimethylphenol	<0.40	mg/Kg	0.074	0.40	1.0
Dimethyl phthalate	<0.20	mg/Kg	0.015	0.20	1.0
Di-n-butyl phthalate	<0.20	mg/Kg	0.016	0.20	1.0
4,6-Dinitro-2-methylphenol	<0.40	mg/Kg	0.049	0.40	1.0
2,4-Dinitrophenol	<0.81	mg/Kg	0.22	0.81	1.0
2,4-Dinitrotoluene	<0.20	mg/Kg	0.022	0.20	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25805-SB-5@ 2-3'
Lab Sample ID: 500-18278-2

Date Sampled: 04/15/2009 0935
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 80

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2,6-Dinitrotoluene	<0.20		mg/Kg	0.021	0.20	1.0
Di-n-octyl phthalate	<0.20		mg/Kg	0.018	0.20	1.0
Fluoranthene	<0.040		mg/Kg	0.0052	0.040	1.0
Fluorene	<0.040		mg/Kg	0.0042	0.040	1.0
Hexachlorobenzene	<0.081		mg/Kg	0.0058	0.081	1.0
Hexachlorobutadiene	<0.20		mg/Kg	0.023	0.20	1.0
Hexachlorocyclopentadiene	<0.81		mg/Kg	0.14	0.81	1.0
Hexachloroethane	<0.20		mg/Kg	0.021	0.20	1.0
Indeno[1,2,3-cd]pyrene	<0.040		mg/Kg	0.0052	0.040	1.0
Isophorone	<0.20		mg/Kg	0.016	0.20	1.0
2-Methylnaphthalene	<0.20		mg/Kg	0.023	0.20	1.0
2-Methylphenol	<0.20		mg/Kg	0.040	0.20	1.0
3 & 4 Methylphenol	<0.20		mg/Kg	0.037	0.20	1.0
Naphthalene	<0.040		mg/Kg	0.0041	0.040	1.0
2-Nitroaniline	<0.20		mg/Kg	0.022	0.20	1.0
3-Nitroaniline	<0.40		mg/Kg	0.079	0.40	1.0
4-Nitroaniline	<0.40		mg/Kg	0.086	0.40	1.0
Nitrobenzene	<0.040		mg/Kg	0.0074	0.040	1.0
2-Nitrophenol	<0.40		mg/Kg	0.049	0.40	1.0
4-Nitrophenol	<0.81		mg/Kg	0.070	0.81	1.0
N-Nitrosodi-n-propylamine	<0.20		mg/Kg	0.028	0.20	1.0
N-Nitrosodiphenylamine	<0.20	*	mg/Kg	0.012	0.20	1.0
2,2'-oxybis[1-chloropropane]	<0.20		mg/Kg	0.021	0.20	1.0
Pentachlorophenol	<0.81		mg/Kg	0.15	0.81	1.0
Phenanthrene	<0.040		mg/Kg	0.0035	0.040	1.0
Phenol	<0.20		mg/Kg	0.035	0.20	1.0
Pyrene	<0.040		mg/Kg	0.0047	0.040	1.0
1,2,4-Trichlorobenzene	<0.20		mg/Kg	0.020	0.20	1.0
2,4,5-Trichlorophenol	<0.40	*	mg/Kg	0.056	0.40	1.0
2,4,6-Trichlorophenol	<0.40		mg/Kg	0.040	0.40	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	37	%	33 - 114
2-Fluorophenol	62	%	25 - 111
Nitrobenzene-d5	52	%	21 - 116
Phenol-d5	67	%	31 - 110
Terphenyl-d14	73	%	48 - 146
2,4,6-Tribromophenol	89	%	32 - 138

Method: 6010B Date Analyzed: 04/20/2009 1025
Prep Method: 3050B Date Prepared: 04/17/2009 0844

Aluminum	15000	mg/Kg	2.2	24	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25805-SB-5@ 2-3'
Lab Sample ID: 500-18278-2

Date Sampled: 04/15/2009 0935
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 80

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Antimony	0.40	J B	mg/Kg	0.35	2.4	1.0
Arsenic	7.1		mg/Kg	0.35	1.2	1.0
Barium	78		mg/Kg	0.039	1.2	1.0
Beryllium	0.61		mg/Kg	0.012	0.49	1.0
Cadmium	<0.24		mg/Kg	0.040	0.24	1.0
Calcium	2500	B	mg/Kg	1.0	12	1.0
Chromium	20	B	mg/Kg	0.11	1.2	1.0
Cobalt	7.6		mg/Kg	0.089	0.61	1.0
Copper	13		mg/Kg	0.55	1.2	1.0
Iron	20000	B	mg/Kg	2.4	12	1.0
Lead	12	B	mg/Kg	0.13	0.61	1.0
Magnesium	2800	B	mg/Kg	1.5	12	1.0
Manganese	510		mg/Kg	0.038	1.2	1.0
Nickel	14	B	mg/Kg	0.076	1.2	1.0
Potassium	960		mg/Kg	7.4	61	1.0
Selenium	<1.2		mg/Kg	0.46	1.2	1.0
Silver	<0.61		mg/Kg	0.12	0.61	1.0
Sodium	620		mg/Kg	25	120	1.0
Thallium	<1.2		mg/Kg	0.40	1.2	1.0
Vanadium	38		mg/Kg	0.10	0.61	1.0
Zinc	42		mg/Kg	0.22	2.4	1.0
Method: 7471A			Date Analyzed:	04/17/2009 1300		
Prep Method: 7471A			Date Prepared:	04/17/2009 1100		
Mercury	0.016	J	mg/Kg	0.0083	0.021	1.0
Method: 9014			Date Analyzed:	04/21/2009 1607		
Prep Method: 9010B			Date Prepared:	04/21/2009 1140		
Cyanide, Total	<0.50		mg/Kg	0.12	0.50	1.0
Method: 9045C			Date Analyzed:	04/18/2009 1325		
pH	8.68		SU	0.200	0.200	1.0
Method: Moisture			Date Analyzed:	04/17/2009 0338		
Percent Moisture	20		%	0.10	0.10	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25806-SB-7@ 2-3'
Lab Sample ID: 500-18278-3

Date Sampled: 04/15/2009 1020
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 83

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	04/22/2009 1230		
Prep Method: 5035			Date Prepared:	04/15/2009 1020		
Chloromethane	<0.0034		mg/Kg	0.0011	0.0034	1.0
Vinyl chloride	<0.0034	*	mg/Kg	0.00094	0.0034	1.0
Bromomethane	<0.0034		mg/Kg	0.0015	0.0034	1.0
Chloroethane	<0.0034		mg/Kg	0.00081	0.0034	1.0
1,1-Dichloroethene	<0.0034		mg/Kg	0.00059	0.0034	1.0
Acetone	<0.0034		mg/Kg	0.0013	0.0034	1.0
Carbon disulfide	<0.0034		mg/Kg	0.00063	0.0034	1.0
Methylene Chloride	<0.0034		mg/Kg	0.00052	0.0034	1.0
trans-1,2-Dichloroethene	<0.0034		mg/Kg	0.00067	0.0034	1.0
Methyl tert-butyl ether	<0.0034		mg/Kg	0.00087	0.0034	1.0
1,1-Dichloroethane	<0.0034		mg/Kg	0.00065	0.0034	1.0
cis-1,2-Dichloroethene	<0.0034		mg/Kg	0.00065	0.0034	1.0
Methyl Ethyl Ketone	<0.0034		mg/Kg	0.0012	0.0034	1.0
Chloroform	<0.0034		mg/Kg	0.00066	0.0034	1.0
1,1,1-Trichloroethane	<0.0034		mg/Kg	0.00060	0.0034	1.0
Carbon tetrachloride	<0.0034		mg/Kg	0.00063	0.0034	1.0
Benzene	<0.0034		mg/Kg	0.00057	0.0034	1.0
1,2-Dichloroethane	<0.0034		mg/Kg	0.00074	0.0034	1.0
Trichloroethene	<0.0034		mg/Kg	0.00065	0.0034	1.0
1,2-Dichloropropane	<0.0034		mg/Kg	0.00063	0.0034	1.0
Bromodichloromethane	<0.0034		mg/Kg	0.00052	0.0034	1.0
cis-1,3-Dichloropropene	<0.0034		mg/Kg	0.00054	0.0034	1.0
methyl isobutyl ketone	<0.0034		mg/Kg	0.0010	0.0034	1.0
Toluene	<0.0034		mg/Kg	0.00059	0.0034	1.0
trans-1,3-Dichloropropene	<0.0034		mg/Kg	0.00065	0.0034	1.0
1,1,2-Trichloroethane	<0.0034		mg/Kg	0.0012	0.0034	1.0
Tetrachloroethene	<0.0034		mg/Kg	0.00054	0.0034	1.0
2-Hexanone	<0.0034		mg/Kg	0.00081	0.0034	1.0
Dibromochloromethane	<0.0034		mg/Kg	0.00056	0.0034	1.0
Chlorobenzene	<0.0034		mg/Kg	0.00046	0.0034	1.0
Ethylbenzene	<0.0034		mg/Kg	0.00048	0.0034	1.0
Xylenes, Total	<0.0067		mg/Kg	0.0010	0.0067	1.0
Styrene	<0.0034		mg/Kg	0.00050	0.0034	1.0
Bromoform	<0.0034		mg/Kg	0.00067	0.0034	1.0
1,1,2,2-Tetrachloroethane	<0.0034		mg/Kg	0.00081	0.0034	1.0
1,3-Dichloropropene, Total	<0.0034		mg/Kg	0.00065	0.0034	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	126	%	75 - 140

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25806-SB-7@ 2-3'
Lab Sample ID: 500-18278-3

Date Sampled: 04/15/2009 1020
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 83

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Toluene-d8 (Surr)	120		%		75 - 130	
4-Bromofluorobenzene (Surr)	110		%		75 - 120	
Dibromofluoromethane	134		%		75 - 140	
Method: 8270C			Date Analyzed:	04/28/2009 1708		
Prep Method: 3541			Date Prepared:	04/17/2009 0812		
Acenaphthene	<0.038		mg/Kg	0.0048	0.038	1.0
Acenaphthylene	0.011	J	mg/Kg	0.0040	0.038	1.0
Anthracene	0.014	J	mg/Kg	0.0045	0.038	1.0
Benzo[a]anthracene	0.10		mg/Kg	0.0048	0.038	1.0
Benzo[a]pyrene	0.11		mg/Kg	0.0036	0.038	1.0
Benzo[b]fluoranthene	0.14		mg/Kg	0.0084	0.038	1.0
Benzo[g,h,i]perylene	0.088		mg/Kg	0.0066	0.038	1.0
Benzo[k]fluoranthene	0.062		mg/Kg	0.0082	0.038	1.0
Bis(2-chloroethoxy)methane	<0.19		mg/Kg	0.024	0.19	1.0
Bis(2-chloroethyl)ether	<0.19		mg/Kg	0.025	0.19	1.0
Bis(2-ethylhexyl) phthalate	0.30		mg/Kg	0.032	0.19	1.0
4-Bromophenyl phenyl ether	<0.19		mg/Kg	0.015	0.19	1.0
Butyl benzyl phthalate	<0.19		mg/Kg	0.017	0.19	1.0
Carbazole	<0.19		mg/Kg	0.015	0.19	1.0
4-Chloroaniline	<0.77		mg/Kg	0.15	0.77	1.0
4-Chloro-3-methylphenol	<0.38		mg/Kg	0.094	0.38	1.0
2-Chloronaphthalene	<0.19		mg/Kg	0.017	0.19	1.0
2-Chlorophenol	<0.19		mg/Kg	0.033	0.19	1.0
4-Chlorophenyl phenyl ether	<0.19		mg/Kg	0.016	0.19	1.0
Chrysene	0.10		mg/Kg	0.0060	0.038	1.0
Dibenz(a,h)anthracene	0.023	J	mg/Kg	0.0047	0.038	1.0
Dibenzofuran	<0.19		mg/Kg	0.014	0.19	1.0
1,2-Dichlorobenzene	<0.19		mg/Kg	0.019	0.19	1.0
1,3-Dichlorobenzene	<0.19		mg/Kg	0.020	0.19	1.0
1,4-Dichlorobenzene	<0.19		mg/Kg	0.021	0.19	1.0
3,3'-Dichlorobenzidine	<0.19		mg/Kg	0.056	0.19	1.0
2,4-Dichlorophenol	<0.38		mg/Kg	0.041	0.38	1.0
Diethyl phthalate	<0.19		mg/Kg	0.020	0.19	1.0
2,4-Dimethylphenol	<0.38		mg/Kg	0.070	0.38	1.0
Dimethyl phthalate	<0.19		mg/Kg	0.015	0.19	1.0
Di-n-butyl phthalate	<0.19		mg/Kg	0.015	0.19	1.0
4,6-Dinitro-2-methylphenol	<0.38		mg/Kg	0.046	0.38	1.0
2,4-Dinitrophenol	<0.77		mg/Kg	0.21	0.77	1.0
2,4-Dinitrotoluene	<0.19		mg/Kg	0.020	0.19	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25806-SB-7@ 2-3'
Lab Sample ID: 500-18278-3

Date Sampled: 04/15/2009 1020
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 83

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2,6-Dinitrotoluene	<0.19		mg/Kg	0.020	0.19	1.0
Di-n-octyl phthalate	<0.19		mg/Kg	0.017	0.19	1.0
Fluoranthene	0.17		mg/Kg	0.0050	0.038	1.0
Fluorene	<0.038		mg/Kg	0.0040	0.038	1.0
Hexachlorobenzene	<0.077		mg/Kg	0.0055	0.077	1.0
Hexachlorobutadiene	<0.19		mg/Kg	0.022	0.19	1.0
Hexachlorocyclopentadiene	<0.77		mg/Kg	0.13	0.77	1.0
Hexachloroethane	<0.19		mg/Kg	0.020	0.19	1.0
Indeno[1,2,3-cd]pyrene	0.081		mg/Kg	0.0050	0.038	1.0
Isophorone	<0.19		mg/Kg	0.016	0.19	1.0
2-Methylnaphthalene	<0.19		mg/Kg	0.022	0.19	1.0
2-Methylphenol	<0.19		mg/Kg	0.038	0.19	1.0
3 & 4 Methylphenol	<0.19		mg/Kg	0.035	0.19	1.0
Naphthalene	<0.038		mg/Kg	0.0039	0.038	1.0
2-Nitroaniline	<0.19		mg/Kg	0.021	0.19	1.0
3-Nitroaniline	<0.38		mg/Kg	0.075	0.38	1.0
4-Nitroaniline	<0.38		mg/Kg	0.082	0.38	1.0
Nitrobenzene	<0.038		mg/Kg	0.0070	0.038	1.0
2-Nitrophenol	<0.38		mg/Kg	0.047	0.38	1.0
4-Nitrophenol	<0.77		mg/Kg	0.067	0.77	1.0
N-Nitrosodi-n-propylamine	<0.19		mg/Kg	0.027	0.19	1.0
N-Nitrosodiphenylamine	<0.19	*	mg/Kg	0.011	0.19	1.0
2,2'-oxybis[1-chloropropane]	<0.19		mg/Kg	0.020	0.19	1.0
Pentachlorophenol	<0.77		mg/Kg	0.14	0.77	1.0
Phenanthrene	0.071		mg/Kg	0.0033	0.038	1.0
Phenol	<0.19		mg/Kg	0.034	0.19	1.0
Pyrene	0.16		mg/Kg	0.0045	0.038	1.0
1,2,4-Trichlorobenzene	<0.19		mg/Kg	0.019	0.19	1.0
2,4,5-Trichlorophenol	<0.38	*	mg/Kg	0.054	0.38	1.0
2,4,6-Trichlorophenol	<0.38		mg/Kg	0.039	0.38	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	71	%	33 - 114
2-Fluorophenol	60	%	25 - 111
Nitrobenzene-d5	63	%	21 - 116
Phenol-d5	66	%	31 - 110
Terphenyl-d14	81	%	48 - 146
2,4,6-Tribromophenol	99	%	32 - 138

Method: 6010B Date Analyzed: 04/20/2009 1031
Prep Method: 3050B Date Prepared: 04/17/2009 0844

Aluminum	6200	mg/Kg	2.1	23	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25806-SB-7@ 2-3'
Lab Sample ID: 500-18278-3

Date Sampled: 04/15/2009 1020
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 83

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Antimony	0.94	J B	mg/Kg	0.33	2.3	1.0
Arsenic	7.5		mg/Kg	0.33	1.1	1.0
Barium	53		mg/Kg	0.036	1.1	1.0
Beryllium	0.59		mg/Kg	0.011	0.46	1.0
Cadmium	2.8		mg/Kg	0.038	0.23	1.0
Calcium	40000	B	mg/Kg	0.97	11	1.0
Chromium	18	B	mg/Kg	0.099	1.1	1.0
Cobalt	4.9		mg/Kg	0.083	0.57	1.0
Copper	46		mg/Kg	0.51	1.1	1.0
Iron	23000	B	mg/Kg	2.3	11	1.0
Lead	220	B	mg/Kg	0.13	0.57	1.0
Magnesium	23000	B	mg/Kg	1.4	11	1.0
Manganese	420		mg/Kg	0.035	1.1	1.0
Nickel	14	B	mg/Kg	0.071	1.1	1.0
Potassium	790		mg/Kg	7.0	57	1.0
Selenium	<1.1		mg/Kg	0.43	1.1	1.0
Silver	0.97		mg/Kg	0.11	0.57	1.0
Sodium	720		mg/Kg	23	110	1.0
Thallium	<1.1		mg/Kg	0.38	1.1	1.0
Vanadium	28		mg/Kg	0.097	0.57	1.0
Zinc	190		mg/Kg	0.21	2.3	1.0
Method: 7471A			Date Analyzed:	04/17/2009 1302		
Prep Method: 7471A			Date Prepared:	04/17/2009 1100		
Mercury	0.26		mg/Kg	0.0081	0.020	1.0
Method: 9014			Date Analyzed:	04/21/2009 1607		
Prep Method: 9010B			Date Prepared:	04/21/2009 1140		
Cyanide, Total	<0.34		mg/Kg	0.084	0.34	1.0
Method: 9045C			Date Analyzed:	04/18/2009 1330		
pH	8.89		SU	0.200	0.200	1.0
Method: Moisture			Date Analyzed:	04/17/2009 0338		
Percent Moisture	17		%	0.10	0.10	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25807-SB-7@ 2-3' DUP
Lab Sample ID: 500-18278-4

Date Sampled: 04/15/2009 1022
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 85

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B		Date Analyzed:	04/23/2009 1250		
Prep Method: 5035		Date Prepared:	04/15/2009 1022		
Chloromethane	<0.0031	mg/Kg	0.00099	0.0031	1.0
Vinyl chloride	<0.0031	mg/Kg	0.00086	0.0031	1.0
Bromomethane	<0.0031	mg/Kg	0.0014	0.0031	1.0
Chloroethane	<0.0031	mg/Kg	0.00074	0.0031	1.0
1,1-Dichloroethene	<0.0031	mg/Kg	0.00054	0.0031	1.0
Acetone	<0.0031	mg/Kg	0.0012	0.0031	1.0
Carbon disulfide	<0.0031	mg/Kg	0.00058	0.0031	1.0
Methylene Chloride	<0.0031	mg/Kg	0.00048	0.0031	1.0
trans-1,2-Dichloroethene	<0.0031	mg/Kg	0.00062	0.0031	1.0
Methyl tert-butyl ether	<0.0031	mg/Kg	0.00080	0.0031	1.0
1,1-Dichloroethane	<0.0031	mg/Kg	0.00059	0.0031	1.0
cis-1,2-Dichloroethene	<0.0031	mg/Kg	0.00059	0.0031	1.0
Methyl Ethyl Ketone	<0.0031	mg/Kg	0.0011	0.0031	1.0
Chloroform	<0.0031	mg/Kg	0.00060	0.0031	1.0
1,1,1-Trichloroethane	<0.0031	mg/Kg	0.00055	0.0031	1.0
Carbon tetrachloride	<0.0031	mg/Kg	0.00058	0.0031	1.0
Benzene	0.014	mg/Kg	0.00052	0.0031	1.0
1,2-Dichloroethane	<0.0031	mg/Kg	0.00068	0.0031	1.0
Trichloroethene	<0.0031	mg/Kg	0.00059	0.0031	1.0
1,2-Dichloropropane	<0.0031	mg/Kg	0.00058	0.0031	1.0
Bromodichloromethane	<0.0031	mg/Kg	0.00048	0.0031	1.0
cis-1,3-Dichloropropene	<0.0031	mg/Kg	0.00049	0.0031	1.0
methyl isobutyl ketone	<0.0031	mg/Kg	0.00093	0.0031	1.0
Toluene	0.0099	mg/Kg	0.00054	0.0031	1.0
trans-1,3-Dichloropropene	<0.0031	mg/Kg	0.00059	0.0031	1.0
1,1,2-Trichloroethane	<0.0031	mg/Kg	0.0011	0.0031	1.0
Tetrachloroethene	<0.0031	mg/Kg	0.00049	0.0031	1.0
2-Hexanone	<0.0031	mg/Kg	0.00074	0.0031	1.0
Dibromochloromethane	<0.0031	mg/Kg	0.00051	0.0031	1.0
Chlorobenzene	<0.0031	mg/Kg	0.00042	0.0031	1.0
Ethylbenzene	<0.0031	mg/Kg	0.00044	0.0031	1.0
Xylenes, Total	<0.0062	mg/Kg	0.00093	0.0062	1.0
Styrene	<0.0031	mg/Kg	0.00046	0.0031	1.0
Bromoform	<0.0031	mg/Kg	0.00062	0.0031	1.0
1,1,2,2-Tetrachloroethane	<0.0031	mg/Kg	0.00074	0.0031	1.0
1,3-Dichloropropene, Total	<0.0031	mg/Kg	0.00059	0.0031	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	%	75 - 140

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25807-SB-7@ 2-3' DUP
Lab Sample ID: 500-18278-4

Date Sampled: 04/15/2009 1022
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 85

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Toluene-d8 (Surr)	113		%		75 - 130	
4-Bromofluorobenzene (Surr)	103		%		75 - 120	
Dibromofluoromethane	115		%		75 - 140	
Method: 8270C			Date Analyzed:	04/28/2009 1728		
Prep Method: 3541			Date Prepared:	04/17/2009 0812		
Acenaphthene	0.0088	J	mg/Kg	0.0049	0.038	1.0
Acenaphthylene	0.080		mg/Kg	0.0041	0.038	1.0
Anthracene	0.13		mg/Kg	0.0045	0.038	1.0
Benzo[a]anthracene	0.73		mg/Kg	0.0049	0.038	1.0
Benzo[a]pyrene	0.74		mg/Kg	0.0036	0.038	1.0
Benzo[b]fluoranthene	0.63		mg/Kg	0.0085	0.038	1.0
Benzo[g,h,i]perylene	0.58		mg/Kg	0.0066	0.038	1.0
Benzo[k]fluoranthene	0.73		mg/Kg	0.0083	0.038	1.0
Bis(2-chloroethoxy)methane	<0.19		mg/Kg	0.024	0.19	1.0
Bis(2-chloroethyl)ether	<0.19		mg/Kg	0.025	0.19	1.0
Bis(2-ethylhexyl) phthalate	0.21		mg/Kg	0.033	0.19	1.0
4-Bromophenyl phenyl ether	<0.19		mg/Kg	0.015	0.19	1.0
Butyl benzyl phthalate	<0.19		mg/Kg	0.017	0.19	1.0
Carbazole	<0.19		mg/Kg	0.015	0.19	1.0
4-Chloroaniline	<0.78		mg/Kg	0.15	0.78	1.0
4-Chloro-3-methylphenol	<0.38		mg/Kg	0.095	0.38	1.0
2-Chloronaphthalene	<0.19		mg/Kg	0.018	0.19	1.0
2-Chlorophenol	<0.19		mg/Kg	0.034	0.19	1.0
4-Chlorophenyl phenyl ether	<0.19		mg/Kg	0.016	0.19	1.0
Chrysene	0.62		mg/Kg	0.0061	0.038	1.0
Dibenz(a,h)anthracene	0.13		mg/Kg	0.0048	0.038	1.0
Dibenzofuran	<0.19		mg/Kg	0.014	0.19	1.0
1,2-Dichlorobenzene	<0.19		mg/Kg	0.019	0.19	1.0
1,3-Dichlorobenzene	<0.19		mg/Kg	0.020	0.19	1.0
1,4-Dichlorobenzene	<0.19		mg/Kg	0.021	0.19	1.0
3,3'-Dichlorobenzidine	<0.19		mg/Kg	0.057	0.19	1.0
2,4-Dichlorophenol	<0.38		mg/Kg	0.041	0.38	1.0
Diethyl phthalate	<0.19		mg/Kg	0.020	0.19	1.0
2,4-Dimethylphenol	<0.38		mg/Kg	0.071	0.38	1.0
Dimethyl phthalate	<0.19		mg/Kg	0.015	0.19	1.0
Di-n-butyl phthalate	<0.19		mg/Kg	0.015	0.19	1.0
4,6-Dinitro-2-methylphenol	<0.38		mg/Kg	0.047	0.38	1.0
2,4-Dinitrophenol	<0.78		mg/Kg	0.21	0.78	1.0
2,4-Dinitrotoluene	<0.19		mg/Kg	0.021	0.19	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25807-SB-7@ 2-3' DUP
Lab Sample ID: 500-18278-4

Date Sampled: 04/15/2009 1022
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 85

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2,6-Dinitrotoluene	<0.19		mg/Kg	0.021	0.19	1.0
Di-n-octyl phthalate	<0.19		mg/Kg	0.017	0.19	1.0
Fluoranthene	1.5		mg/Kg	0.0050	0.038	1.0
Fluorene	0.021	J	mg/Kg	0.0041	0.038	1.0
Hexachlorobenzene	<0.078		mg/Kg	0.0056	0.078	1.0
Hexachlorobutadiene	<0.19		mg/Kg	0.022	0.19	1.0
Hexachlorocyclopentadiene	<0.78		mg/Kg	0.13	0.78	1.0
Hexachloroethane	<0.19		mg/Kg	0.021	0.19	1.0
Indeno[1,2,3-cd]pyrene	0.52		mg/Kg	0.0050	0.038	1.0
Isophorone	<0.19		mg/Kg	0.016	0.19	1.0
2-Methylnaphthalene	0.025	J	mg/Kg	0.022	0.19	1.0
2-Methylphenol	<0.19		mg/Kg	0.038	0.19	1.0
3 & 4 Methylphenol	<0.19		mg/Kg	0.036	0.19	1.0
Naphthalene	0.041		mg/Kg	0.0040	0.038	1.0
2-Nitroaniline	<0.19		mg/Kg	0.021	0.19	1.0
3-Nitroaniline	<0.38		mg/Kg	0.076	0.38	1.0
4-Nitroaniline	<0.38		mg/Kg	0.083	0.38	1.0
Nitrobenzene	<0.038		mg/Kg	0.0071	0.038	1.0
2-Nitrophenol	<0.38		mg/Kg	0.047	0.38	1.0
4-Nitrophenol	<0.78		mg/Kg	0.068	0.78	1.0
N-Nitrosodi-n-propylamine	<0.19		mg/Kg	0.027	0.19	1.0
N-Nitrosodiphenylamine	<0.19	*	mg/Kg	0.012	0.19	1.0
2,2'-oxybis[1-chloropropane]	<0.19		mg/Kg	0.020	0.19	1.0
Pentachlorophenol	<0.78		mg/Kg	0.14	0.78	1.0
Phenanthrene	0.57		mg/Kg	0.0034	0.038	1.0
Phenol	<0.19		mg/Kg	0.034	0.19	1.0
Pyrene	1.4		mg/Kg	0.0045	0.038	1.0
1,2,4-Trichlorobenzene	<0.19		mg/Kg	0.019	0.19	1.0
2,4,5-Trichlorophenol	<0.38	*	mg/Kg	0.054	0.38	1.0
2,4,6-Trichlorophenol	<0.38		mg/Kg	0.039	0.38	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	63	%	33 - 114
2-Fluorophenol	39	%	25 - 111
Nitrobenzene-d5	54	%	21 - 116
Phenol-d5	56	%	31 - 110
Terphenyl-d14	77	%	48 - 146
2,4,6-Tribromophenol	85	%	32 - 138

Method: 6010B Date Analyzed: 04/20/2009 1037
Prep Method: 3050B Date Prepared: 04/17/2009 0844

Aluminum	6100	mg/Kg	1.8	20	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25807-SB-7@ 2-3' DUP
Lab Sample ID: 500-18278-4

Date Sampled: 04/15/2009 1022
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 85

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Antimony	0.47	J B	mg/Kg	0.30	2.0	1.0
Arsenic	4.0		mg/Kg	0.30	1.0	1.0
Barium	65		mg/Kg	0.033	1.0	1.0
Beryllium	0.37	J	mg/Kg	0.010	0.41	1.0
Cadmium	0.37		mg/Kg	0.034	0.20	1.0
Calcium	27000	B	mg/Kg	0.87	10	1.0
Chromium	11	B	mg/Kg	0.089	1.0	1.0
Cobalt	5.0		mg/Kg	0.074	0.51	1.0
Copper	18		mg/Kg	0.46	1.0	1.0
Iron	11000	B	mg/Kg	2.0	10	1.0
Lead	77	B	mg/Kg	0.11	0.51	1.0
Magnesium	17000	B	mg/Kg	1.2	10	1.0
Manganese	490		mg/Kg	0.032	1.0	1.0
Nickel	9.8	B	mg/Kg	0.063	1.0	1.0
Potassium	870		mg/Kg	6.2	51	1.0
Selenium	<1.0		mg/Kg	0.39	1.0	1.0
Silver	0.16	J	mg/Kg	0.10	0.51	1.0
Sodium	770		mg/Kg	21	100	1.0
Thallium	<1.0		mg/Kg	0.34	1.0	1.0
Vanadium	19		mg/Kg	0.087	0.51	1.0
Zinc	66		mg/Kg	0.18	2.0	1.0
Method: 7471A			Date Analyzed:	04/17/2009 1305		
Prep Method: 7471A			Date Prepared:	04/17/2009 1100		
Mercury	0.16		mg/Kg	0.0079	0.020	1.0
Method: 9014			Date Analyzed:	04/21/2009 1607		
Prep Method: 9010B			Date Prepared:	04/21/2009 1140		
Cyanide, Total	<0.41		mg/Kg	0.10	0.41	1.0
Method: 9045C			Date Analyzed:	04/18/2009 1335		
pH	9.00		SU	0.200	0.200	1.0
Method: Moisture			Date Analyzed:	04/17/2009 0338		
Percent Moisture	15		%	0.10	0.10	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25808-SB-8@ 2-3'
Lab Sample ID: 500-18278-5

Date Sampled: 04/15/2009 1035
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	04/22/2009 1322		
Prep Method: 5035			Date Prepared:	04/15/2009 1035		
Chloromethane	<0.0037		mg/Kg	0.0012	0.0037	1.0
Vinyl chloride	<0.0037	*	mg/Kg	0.0010	0.0037	1.0
Bromomethane	<0.0037		mg/Kg	0.0016	0.0037	1.0
Chloroethane	<0.0037		mg/Kg	0.00088	0.0037	1.0
1,1-Dichloroethene	<0.0037		mg/Kg	0.00065	0.0037	1.0
Acetone	<0.0037		mg/Kg	0.0014	0.0037	1.0
Carbon disulfide	<0.0037		mg/Kg	0.00069	0.0037	1.0
Methylene Chloride	<0.0037		mg/Kg	0.00058	0.0037	1.0
trans-1,2-Dichloroethene	<0.0037		mg/Kg	0.00074	0.0037	1.0
Methyl tert-butyl ether	<0.0037		mg/Kg	0.00096	0.0037	1.0
1,1-Dichloroethane	<0.0037		mg/Kg	0.00071	0.0037	1.0
cis-1,2-Dichloroethene	<0.0037		mg/Kg	0.00071	0.0037	1.0
Methyl Ethyl Ketone	<0.0037		mg/Kg	0.0013	0.0037	1.0
Chloroform	<0.0037		mg/Kg	0.00072	0.0037	1.0
1,1,1-Trichloroethane	<0.0037		mg/Kg	0.00066	0.0037	1.0
Carbon tetrachloride	<0.0037		mg/Kg	0.00069	0.0037	1.0
Benzene	<0.0037		mg/Kg	0.00063	0.0037	1.0
1,2-Dichloroethane	<0.0037		mg/Kg	0.00081	0.0037	1.0
Trichloroethene	<0.0037		mg/Kg	0.00071	0.0037	1.0
1,2-Dichloropropane	<0.0037		mg/Kg	0.00069	0.0037	1.0
Bromodichloromethane	<0.0037		mg/Kg	0.00058	0.0037	1.0
cis-1,3-Dichloropropene	<0.0037		mg/Kg	0.00059	0.0037	1.0
methyl isobutyl ketone	<0.0037		mg/Kg	0.0011	0.0037	1.0
Toluene	<0.0037		mg/Kg	0.00065	0.0037	1.0
trans-1,3-Dichloropropene	<0.0037		mg/Kg	0.00071	0.0037	1.0
1,1,2-Trichloroethane	<0.0037		mg/Kg	0.0013	0.0037	1.0
Tetrachloroethene	<0.0037		mg/Kg	0.00059	0.0037	1.0
2-Hexanone	<0.0037		mg/Kg	0.00088	0.0037	1.0
Dibromochloromethane	<0.0037		mg/Kg	0.00061	0.0037	1.0
Chlorobenzene	<0.0037		mg/Kg	0.00050	0.0037	1.0
Ethylbenzene	<0.0037		mg/Kg	0.00052	0.0037	1.0
Xylenes, Total	<0.0074		mg/Kg	0.0011	0.0074	1.0
Styrene	<0.0037		mg/Kg	0.00055	0.0037	1.0
Bromoform	<0.0037		mg/Kg	0.00074	0.0037	1.0
1,1,2,2-Tetrachloroethane	<0.0037		mg/Kg	0.00088	0.0037	1.0
1,3-Dichloropropene, Total	<0.0037		mg/Kg	0.00071	0.0037	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122	%	75 - 140

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25808-SB-8@ 2-3'
Lab Sample ID: 500-18278-5

Date Sampled: 04/15/2009 1035
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Toluene-d8 (Surr)	116		%		75 - 130	
4-Bromofluorobenzene (Surr)	103		%		75 - 120	
Dibromofluoromethane	131		%		75 - 140	
Method: 8270C				Date Analyzed:	04/28/2009 1749	
Prep Method: 3541				Date Prepared:	04/17/2009 0812	
Acenaphthene	0.055	J	mg/Kg	0.024	0.19	5.0
Acenaphthylene	0.20		mg/Kg	0.020	0.19	5.0
Anthracene	0.69		mg/Kg	0.022	0.19	5.0
Benzo[a]anthracene	4.7		mg/Kg	0.024	0.19	5.0
Benzo[a]pyrene	5.0		mg/Kg	0.018	0.19	5.0
Benzo[b]fluoranthene	5.4		mg/Kg	0.041	0.19	5.0
Benzo[g,h,i]perylene	3.5		mg/Kg	0.032	0.19	5.0
Benzo[k]fluoranthene	2.6		mg/Kg	0.040	0.19	5.0
Bis(2-chloroethoxy)methane	<0.94		mg/Kg	0.12	0.94	5.0
Bis(2-chloroethyl)ether	<0.94		mg/Kg	0.12	0.94	5.0
Bis(2-ethylhexyl) phthalate	<0.94		mg/Kg	0.16	0.94	5.0
4-Bromophenyl phenyl ether	<0.94		mg/Kg	0.075	0.94	5.0
Butyl benzyl phthalate	<0.94		mg/Kg	0.083	0.94	5.0
Carbazole	<0.94		mg/Kg	0.071	0.94	5.0
4-Chloroaniline	<3.8		mg/Kg	0.72	3.8	5.0
4-Chloro-3-methylphenol	<1.9		mg/Kg	0.46	1.9	5.0
2-Chloronaphthalene	<0.94		mg/Kg	0.086	0.94	5.0
2-Chlorophenol	<0.94		mg/Kg	0.16	0.94	5.0
4-Chlorophenyl phenyl ether	<0.94		mg/Kg	0.078	0.94	5.0
Chrysene	4.3		mg/Kg	0.029	0.19	5.0
Dibenz(a,h)anthracene	0.78		mg/Kg	0.023	0.19	5.0
Dibenzofuran	<0.94		mg/Kg	0.070	0.94	5.0
1,2-Dichlorobenzene	<0.94		mg/Kg	0.093	0.94	5.0
1,3-Dichlorobenzene	<0.94		mg/Kg	0.098	0.94	5.0
1,4-Dichlorobenzene	<0.94		mg/Kg	0.10	0.94	5.0
3,3'-Dichlorobenzidine	<0.94		mg/Kg	0.28	0.94	5.0
2,4-Dichlorophenol	<1.9		mg/Kg	0.20	1.9	5.0
Diethyl phthalate	<0.94		mg/Kg	0.096	0.94	5.0
2,4-Dimethylphenol	<1.9		mg/Kg	0.35	1.9	5.0
Dimethyl phthalate	<0.94		mg/Kg	0.072	0.94	5.0
Di-n-butyl phthalate	<0.94		mg/Kg	0.075	0.94	5.0
4,6-Dinitro-2-methylphenol	<1.9		mg/Kg	0.23	1.9	5.0
2,4-Dinitrophenol	<3.8		mg/Kg	1.0	3.8	5.0
2,4-Dinitrotoluene	<0.94		mg/Kg	0.10	0.94	5.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25808-SB-8@ 2-3'
Lab Sample ID: 500-18278-5

Date Sampled: 04/15/2009 1035
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2,6-Dinitrotoluene	<0.94		mg/Kg	0.10	0.94	5.0
Di-n-octyl phthalate	<0.94		mg/Kg	0.085	0.94	5.0
Fluoranthene	6.6		mg/Kg	0.024	0.19	5.0
Fluorene	0.13	J	mg/Kg	0.020	0.19	5.0
Hexachlorobenzene	<0.38		mg/Kg	0.027	0.38	5.0
Hexachlorobutadiene	<0.94		mg/Kg	0.11	0.94	5.0
Hexachlorocyclopentadiene	<3.8		mg/Kg	0.64	3.8	5.0
Hexachloroethane	<0.94		mg/Kg	0.10	0.94	5.0
Indeno[1,2,3-cd]pyrene	3.2		mg/Kg	0.024	0.19	5.0
Isophorone	<0.94		mg/Kg	0.076	0.94	5.0
2-Methylnaphthalene	<0.94		mg/Kg	0.11	0.94	5.0
2-Methylphenol	<0.94		mg/Kg	0.19	0.94	5.0
3 & 4 Methylphenol	<0.94		mg/Kg	0.17	0.94	5.0
Naphthalene	0.25		mg/Kg	0.019	0.19	5.0
2-Nitroaniline	<0.94		mg/Kg	0.10	0.94	5.0
3-Nitroaniline	<1.9		mg/Kg	0.37	1.9	5.0
4-Nitroaniline	<1.9		mg/Kg	0.40	1.9	5.0
Nitrobenzene	<0.19		mg/Kg	0.035	0.19	5.0
2-Nitrophenol	<1.9		mg/Kg	0.23	1.9	5.0
4-Nitrophenol	<3.8		mg/Kg	0.33	3.8	5.0
N-Nitrosodi-n-propylamine	<0.94		mg/Kg	0.13	0.94	5.0
N-Nitrosodiphenylamine	<0.94	*	mg/Kg	0.056	0.94	5.0
2,2'-oxybis[1-chloropropane]	<0.94		mg/Kg	0.098	0.94	5.0
Pentachlorophenol	<3.8		mg/Kg	0.69	3.8	5.0
Phenanthrene	1.7		mg/Kg	0.016	0.19	5.0
Phenol	<0.94		mg/Kg	0.17	0.94	5.0
Pyrene	7.1		mg/Kg	0.022	0.19	5.0
1,2,4-Trichlorobenzene	<0.94		mg/Kg	0.093	0.94	5.0
2,4,5-Trichlorophenol	<1.9	*	mg/Kg	0.26	1.9	5.0
2,4,6-Trichlorophenol	<1.9		mg/Kg	0.19	1.9	5.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	81	%	33 - 114
2-Fluorophenol	50	%	25 - 111
Nitrobenzene-d5	66	%	21 - 116
Phenol-d5	63	%	31 - 110
Terphenyl-d14	95	%	48 - 146
2,4,6-Tribromophenol	103	%	32 - 138

Method: 6010B Date Analyzed: 04/20/2009 1044
Prep Method: 3050B Date Prepared: 04/17/2009 0844

Aluminum	4800	mg/Kg	1.9	21	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25808-SB-8@ 2-3'
Lab Sample ID: 500-18278-5

Date Sampled: 04/15/2009 1035
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Antimony	1.0	J B	mg/Kg	0.30	2.1	1.0
Arsenic	6.5		mg/Kg	0.30	1.0	1.0
Barium	51		mg/Kg	0.034	1.0	1.0
Beryllium	0.35	J	mg/Kg	0.010	0.42	1.0
Cadmium	0.73		mg/Kg	0.035	0.21	1.0
Calcium	24000	B	mg/Kg	0.89	10	1.0
Chromium	12	B	mg/Kg	0.091	1.0	1.0
Cobalt	5.5		mg/Kg	0.077	0.52	1.0
Copper	140		mg/Kg	0.47	1.0	1.0
Iron	29000	B	mg/Kg	2.1	10	1.0
Lead	98	B	mg/Kg	0.12	0.52	1.0
Magnesium	15000	B	mg/Kg	1.3	10	1.0
Manganese	560		mg/Kg	0.033	1.0	1.0
Nickel	13	B	mg/Kg	0.065	1.0	1.0
Potassium	670		mg/Kg	6.4	52	1.0
Selenium	<1.0		mg/Kg	0.40	1.0	1.0
Silver	0.13	J	mg/Kg	0.10	0.52	1.0
Sodium	290		mg/Kg	21	100	1.0
Thallium	<1.0		mg/Kg	0.35	1.0	1.0
Vanadium	19		mg/Kg	0.089	0.52	1.0
Zinc	270		mg/Kg	0.19	2.1	1.0
Method: 7471A			Date Analyzed:	04/17/2009 1307		
Prep Method: 7471A			Date Prepared:	04/17/2009 1100		
Mercury	0.33		mg/Kg	0.0081	0.020	1.0
Method: 9014			Date Analyzed:	04/21/2009 1608		
Prep Method: 9010B			Date Prepared:	04/21/2009 1140		
Cyanide, Total	<0.37		mg/Kg	0.093	0.37	1.0
Method: 9045C			Date Analyzed:	04/18/2009 1340		
pH	8.54		SU	0.200	0.200	1.0
Method: Moisture			Date Analyzed:	04/17/2009 0338		
Percent Moisture	16		%	0.10	0.10	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25809-SB-9@ 2-3'
Lab Sample ID: 500-18278-6

Date Sampled: 04/15/2009 1045
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 86

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	04/22/2009 1348		
Prep Method: 5035			Date Prepared:	04/15/2009 1045		
Chloromethane	<0.0035		mg/Kg	0.0011	0.0035	1.0
Vinyl chloride	<0.0035	*	mg/Kg	0.00097	0.0035	1.0
Bromomethane	<0.0035		mg/Kg	0.0015	0.0035	1.0
Chloroethane	<0.0035		mg/Kg	0.00083	0.0035	1.0
1,1-Dichloroethene	<0.0035		mg/Kg	0.00061	0.0035	1.0
Acetone	<0.0035		mg/Kg	0.0013	0.0035	1.0
Carbon disulfide	<0.0035		mg/Kg	0.00065	0.0035	1.0
Methylene Chloride	<0.0035		mg/Kg	0.00054	0.0035	1.0
trans-1,2-Dichloroethene	<0.0035		mg/Kg	0.00069	0.0035	1.0
Methyl tert-butyl ether	<0.0035		mg/Kg	0.00090	0.0035	1.0
1,1-Dichloroethane	<0.0035		mg/Kg	0.00067	0.0035	1.0
cis-1,2-Dichloroethene	<0.0035		mg/Kg	0.00067	0.0035	1.0
Methyl Ethyl Ketone	<0.0035		mg/Kg	0.0013	0.0035	1.0
Chloroform	<0.0035		mg/Kg	0.00068	0.0035	1.0
1,1,1-Trichloroethane	<0.0035		mg/Kg	0.00062	0.0035	1.0
Carbon tetrachloride	<0.0035		mg/Kg	0.00065	0.0035	1.0
Benzene	<0.0035		mg/Kg	0.00059	0.0035	1.0
1,2-Dichloroethane	<0.0035		mg/Kg	0.00076	0.0035	1.0
Trichloroethene	<0.0035		mg/Kg	0.00067	0.0035	1.0
1,2-Dichloropropane	<0.0035		mg/Kg	0.00065	0.0035	1.0
Bromodichloromethane	<0.0035		mg/Kg	0.00054	0.0035	1.0
cis-1,3-Dichloropropene	<0.0035		mg/Kg	0.00056	0.0035	1.0
methyl isobutyl ketone	<0.0035		mg/Kg	0.0010	0.0035	1.0
Toluene	<0.0035		mg/Kg	0.00061	0.0035	1.0
trans-1,3-Dichloropropene	<0.0035		mg/Kg	0.00067	0.0035	1.0
1,1,2-Trichloroethane	<0.0035		mg/Kg	0.0013	0.0035	1.0
Tetrachloroethene	<0.0035		mg/Kg	0.00056	0.0035	1.0
2-Hexanone	<0.0035		mg/Kg	0.00083	0.0035	1.0
Dibromochloromethane	<0.0035		mg/Kg	0.00058	0.0035	1.0
Chlorobenzene	<0.0035		mg/Kg	0.00047	0.0035	1.0
Ethylbenzene	<0.0035		mg/Kg	0.00049	0.0035	1.0
Xylenes, Total	<0.0069		mg/Kg	0.0010	0.0069	1.0
Styrene	<0.0035		mg/Kg	0.00052	0.0035	1.0
Bromoform	<0.0035		mg/Kg	0.00069	0.0035	1.0
1,1,2,2-Tetrachloroethane	<0.0035		mg/Kg	0.00083	0.0035	1.0
1,3-Dichloropropene, Total	<0.0035		mg/Kg	0.00067	0.0035	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	133	%	75 - 140

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25809-SB-9@ 2-3'
Lab Sample ID: 500-18278-6

Date Sampled: 04/15/2009 1045
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 86

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Toluene-d8 (Surr)	114		%		75 - 130	
4-Bromofluorobenzene (Surr)	105		%		75 - 120	
Dibromofluoromethane	137		%		75 - 140	
Method: 8270C			Date Analyzed:	04/28/2009 1810		
Prep Method: 3541			Date Prepared:	04/17/2009 0812		
Acenaphthene	0.013	J	mg/Kg	0.0047	0.037	1.0
Acenaphthylene	0.011	J	mg/Kg	0.0039	0.037	1.0
Anthracene	0.035	J	mg/Kg	0.0043	0.037	1.0
Benzo[a]anthracene	0.17		mg/Kg	0.0047	0.037	1.0
Benzo[a]pyrene	0.18		mg/Kg	0.0034	0.037	1.0
Benzo[b]fluoranthene	0.19		mg/Kg	0.0081	0.037	1.0
Benzo[g,h,i]perylene	0.13		mg/Kg	0.0063	0.037	1.0
Benzo[k]fluoranthene	0.11		mg/Kg	0.0079	0.037	1.0
Bis(2-chloroethoxy)methane	<0.19		mg/Kg	0.023	0.19	1.0
Bis(2-chloroethyl)ether	<0.19		mg/Kg	0.024	0.19	1.0
Bis(2-ethylhexyl) phthalate	<0.19		mg/Kg	0.031	0.19	1.0
4-Bromophenyl phenyl ether	<0.19		mg/Kg	0.015	0.19	1.0
Butyl benzyl phthalate	<0.19		mg/Kg	0.016	0.19	1.0
Carbazole	<0.19		mg/Kg	0.014	0.19	1.0
4-Chloroaniline	<0.75		mg/Kg	0.14	0.75	1.0
4-Chloro-3-methylphenol	<0.37		mg/Kg	0.090	0.37	1.0
2-Chloronaphthalene	<0.19		mg/Kg	0.017	0.19	1.0
2-Chlorophenol	<0.19		mg/Kg	0.032	0.19	1.0
4-Chlorophenyl phenyl ether	<0.19		mg/Kg	0.015	0.19	1.0
Chrysene	0.17		mg/Kg	0.0058	0.037	1.0
Dibenz(a,h)anthracene	0.049		mg/Kg	0.0046	0.037	1.0
Dibenzofuran	<0.19		mg/Kg	0.014	0.19	1.0
1,2-Dichlorobenzene	<0.19		mg/Kg	0.018	0.19	1.0
1,3-Dichlorobenzene	<0.19		mg/Kg	0.019	0.19	1.0
1,4-Dichlorobenzene	<0.19		mg/Kg	0.020	0.19	1.0
3,3'-Dichlorobenzidine	<0.19		mg/Kg	0.054	0.19	1.0
2,4-Dichlorophenol	<0.37		mg/Kg	0.040	0.37	1.0
Diethyl phthalate	<0.19		mg/Kg	0.019	0.19	1.0
2,4-Dimethylphenol	<0.37		mg/Kg	0.068	0.37	1.0
Dimethyl phthalate	<0.19		mg/Kg	0.014	0.19	1.0
Di-n-butyl phthalate	<0.19		mg/Kg	0.015	0.19	1.0
4,6-Dinitro-2-methylphenol	<0.37		mg/Kg	0.045	0.37	1.0
2,4-Dinitrophenol	<0.75		mg/Kg	0.20	0.75	1.0
2,4-Dinitrotoluene	<0.19		mg/Kg	0.020	0.19	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25809-SB-9@ 2-3'
Lab Sample ID: 500-18278-6

Date Sampled: 04/15/2009 1045
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 86

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2,6-Dinitrotoluene	<0.19		mg/Kg	0.020	0.19	1.0
Di-n-octyl phthalate	<0.19		mg/Kg	0.017	0.19	1.0
Fluoranthene	0.23		mg/Kg	0.0048	0.037	1.0
Fluorene	0.014	J	mg/Kg	0.0039	0.037	1.0
Hexachlorobenzene	<0.075		mg/Kg	0.0053	0.075	1.0
Hexachlorobutadiene	<0.19		mg/Kg	0.021	0.19	1.0
Hexachlorocyclopentadiene	<0.75		mg/Kg	0.13	0.75	1.0
Hexachloroethane	<0.19		mg/Kg	0.020	0.19	1.0
Indeno[1,2,3-cd]pyrene	0.12		mg/Kg	0.0048	0.037	1.0
Isophorone	<0.19		mg/Kg	0.015	0.19	1.0
2-Methylnaphthalene	<0.19		mg/Kg	0.021	0.19	1.0
2-Methylphenol	<0.19		mg/Kg	0.037	0.19	1.0
3 & 4 Methylphenol	<0.19		mg/Kg	0.034	0.19	1.0
Naphthalene	0.013	J	mg/Kg	0.0038	0.037	1.0
2-Nitroaniline	<0.19		mg/Kg	0.020	0.19	1.0
3-Nitroaniline	<0.37		mg/Kg	0.072	0.37	1.0
4-Nitroaniline	<0.37		mg/Kg	0.079	0.37	1.0
Nitrobenzene	<0.037		mg/Kg	0.0068	0.037	1.0
2-Nitrophenol	<0.37		mg/Kg	0.045	0.37	1.0
4-Nitrophenol	<0.75		mg/Kg	0.065	0.75	1.0
N-Nitrosodi-n-propylamine	<0.19		mg/Kg	0.026	0.19	1.0
N-Nitrosodiphenylamine	<0.19	*	mg/Kg	0.011	0.19	1.0
2,2'-oxybis[1-chloropropane]	<0.19		mg/Kg	0.019	0.19	1.0
Pentachlorophenol	<0.75		mg/Kg	0.14	0.75	1.0
Phenanthrene	0.16		mg/Kg	0.0032	0.037	1.0
Phenol	<0.19		mg/Kg	0.033	0.19	1.0
Pyrene	0.22		mg/Kg	0.0043	0.037	1.0
1,2,4-Trichlorobenzene	<0.19		mg/Kg	0.018	0.19	1.0
2,4,5-Trichlorophenol	<0.37	*	mg/Kg	0.052	0.37	1.0
2,4,6-Trichlorophenol	<0.37		mg/Kg	0.037	0.37	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	69	%	33 - 114
2-Fluorophenol	54	%	25 - 111
Nitrobenzene-d5	63	%	21 - 116
Phenol-d5	62	%	31 - 110
Terphenyl-d14	74	%	48 - 146
2,4,6-Tribromophenol	91	%	32 - 138

Method: 6010B Date Analyzed: 04/20/2009 1050
Prep Method: 3050B Date Prepared: 04/17/2009 0844

Aluminum	6100	mg/Kg	1.9	22	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25809-SB-9@ 2-3'
Lab Sample ID: 500-18278-6

Date Sampled: 04/15/2009 1045
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 86

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Antimony	1.1	J B	mg/Kg	0.31	2.2	1.0
Arsenic	4.8		mg/Kg	0.31	1.1	1.0
Barium	66		mg/Kg	0.035	1.1	1.0
Beryllium	0.35	J	mg/Kg	0.011	0.43	1.0
Cadmium	0.19	J	mg/Kg	0.036	0.22	1.0
Calcium	73000	B	mg/Kg	0.92	11	1.0
Chromium	8.9	B	mg/Kg	0.094	1.1	1.0
Cobalt	3.6		mg/Kg	0.079	0.54	1.0
Copper	13		mg/Kg	0.49	1.1	1.0
Iron	11000	B	mg/Kg	2.2	11	1.0
Lead	52	B	mg/Kg	0.12	0.54	1.0
Magnesium	45000	B	mg/Kg	1.3	11	1.0
Manganese	510		mg/Kg	0.034	1.1	1.0
Nickel	8.7	B	mg/Kg	0.067	1.1	1.0
Potassium	1000		mg/Kg	6.6	54	1.0
Selenium	<1.1		mg/Kg	0.41	1.1	1.0
Silver	<0.54		mg/Kg	0.11	0.54	1.0
Sodium	1600		mg/Kg	22	110	1.0
Thallium	<1.1		mg/Kg	0.36	1.1	1.0
Vanadium	18		mg/Kg	0.092	0.54	1.0
Zinc	35		mg/Kg	0.19	2.2	1.0
Method: 7471A			Date Analyzed:	04/17/2009 1314		
Prep Method: 7471A			Date Prepared:	04/17/2009 1100		
Mercury	0.14		mg/Kg	0.0078	0.020	1.0
Method: 9014			Date Analyzed:	04/21/2009 1608		
Prep Method: 9010B			Date Prepared:	04/21/2009 1140		
Cyanide, Total	<0.46		mg/Kg	0.12	0.46	1.0
Method: 9045C			Date Analyzed:	04/18/2009 1345		
pH	9.00		SU	0.200	0.200	1.0
Method: Moisture			Date Analyzed:	04/17/2009 0338		
Percent Moisture	14		%	0.10	0.10	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25810-SB-14@ 3'-4'
Lab Sample ID: 500-18278-7

Date Sampled: 04/15/2009 1100
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 88

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	04/22/2009 1414		
Prep Method: 5035			Date Prepared:	04/15/2009 1100		
Chloromethane	<0.0031		mg/Kg	0.00098	0.0031	1.0
Vinyl chloride	<0.0031	*	mg/Kg	0.00086	0.0031	1.0
Bromomethane	<0.0031		mg/Kg	0.0013	0.0031	1.0
Chloroethane	<0.0031		mg/Kg	0.00074	0.0031	1.0
1,1-Dichloroethene	<0.0031		mg/Kg	0.00054	0.0031	1.0
Acetone	<0.0031		mg/Kg	0.0012	0.0031	1.0
Carbon disulfide	<0.0031		mg/Kg	0.00058	0.0031	1.0
Methylene Chloride	<0.0031		mg/Kg	0.00048	0.0031	1.0
trans-1,2-Dichloroethene	<0.0031		mg/Kg	0.00061	0.0031	1.0
Methyl tert-butyl ether	<0.0031		mg/Kg	0.00080	0.0031	1.0
1,1-Dichloroethane	<0.0031		mg/Kg	0.00059	0.0031	1.0
cis-1,2-Dichloroethene	<0.0031		mg/Kg	0.00059	0.0031	1.0
Methyl Ethyl Ketone	<0.0031		mg/Kg	0.0011	0.0031	1.0
Chloroform	<0.0031		mg/Kg	0.00060	0.0031	1.0
1,1,1-Trichloroethane	<0.0031		mg/Kg	0.00055	0.0031	1.0
Carbon tetrachloride	<0.0031		mg/Kg	0.00058	0.0031	1.0
Benzene	<0.0031		mg/Kg	0.00052	0.0031	1.0
1,2-Dichloroethane	<0.0031		mg/Kg	0.00067	0.0031	1.0
Trichloroethene	<0.0031		mg/Kg	0.00059	0.0031	1.0
1,2-Dichloropropane	<0.0031		mg/Kg	0.00058	0.0031	1.0
Bromodichloromethane	<0.0031		mg/Kg	0.00048	0.0031	1.0
cis-1,3-Dichloropropene	<0.0031		mg/Kg	0.00049	0.0031	1.0
methyl isobutyl ketone	<0.0031		mg/Kg	0.00092	0.0031	1.0
Toluene	<0.0031		mg/Kg	0.00054	0.0031	1.0
trans-1,3-Dichloropropene	<0.0031		mg/Kg	0.00059	0.0031	1.0
1,1,2-Trichloroethane	<0.0031		mg/Kg	0.0011	0.0031	1.0
Tetrachloroethene	<0.0031		mg/Kg	0.00049	0.0031	1.0
2-Hexanone	<0.0031		mg/Kg	0.00074	0.0031	1.0
Dibromochloromethane	<0.0031		mg/Kg	0.00051	0.0031	1.0
Chlorobenzene	<0.0031		mg/Kg	0.00042	0.0031	1.0
Ethylbenzene	<0.0031		mg/Kg	0.00043	0.0031	1.0
Xylenes, Total	<0.0061		mg/Kg	0.00092	0.0061	1.0
Styrene	<0.0031		mg/Kg	0.00046	0.0031	1.0
Bromoform	<0.0031		mg/Kg	0.00061	0.0031	1.0
1,1,2,2-Tetrachloroethane	<0.0031		mg/Kg	0.00074	0.0031	1.0
1,3-Dichloropropene, Total	<0.0031		mg/Kg	0.00059	0.0031	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	123	%	75 - 140

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25810-SB-14@ 3'-4'
Lab Sample ID: 500-18278-7

Date Sampled: 04/15/2009 1100
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 88

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Toluene-d8 (Surr)	113		%		75 - 130	
4-Bromofluorobenzene (Surr)	99		%		75 - 120	
Dibromofluoromethane	131		%		75 - 140	
Method: 8270C			Date Analyzed:	04/28/2009 1830		
Prep Method: 3541			Date Prepared:	04/17/2009 0812		
Acenaphthene	<0.035		mg/Kg	0.0045	0.035	1.0
Acenaphthylene	0.018	J	mg/Kg	0.0038	0.035	1.0
Anthracene	0.033	J	mg/Kg	0.0042	0.035	1.0
Benzo[a]anthracene	0.24		mg/Kg	0.0045	0.035	1.0
Benzo[a]pyrene	0.25		mg/Kg	0.0033	0.035	1.0
Benzo[b]fluoranthene	0.29		mg/Kg	0.0078	0.035	1.0
Benzo[g,h,i]perylene	0.18		mg/Kg	0.0061	0.035	1.0
Benzo[k]fluoranthene	0.15		mg/Kg	0.0076	0.035	1.0
Bis(2-chloroethoxy)methane	<0.18		mg/Kg	0.022	0.18	1.0
Bis(2-chloroethyl)ether	<0.18		mg/Kg	0.023	0.18	1.0
Bis(2-ethylhexyl) phthalate	0.26		mg/Kg	0.030	0.18	1.0
4-Bromophenyl phenyl ether	<0.18		mg/Kg	0.014	0.18	1.0
Butyl benzyl phthalate	<0.18		mg/Kg	0.016	0.18	1.0
Carbazole	<0.18		mg/Kg	0.014	0.18	1.0
4-Chloroaniline	<0.72		mg/Kg	0.14	0.72	1.0
4-Chloro-3-methylphenol	<0.35		mg/Kg	0.087	0.35	1.0
2-Chloronaphthalene	<0.18		mg/Kg	0.016	0.18	1.0
2-Chlorophenol	<0.18		mg/Kg	0.031	0.18	1.0
4-Chlorophenyl phenyl ether	<0.18		mg/Kg	0.015	0.18	1.0
Chrysene	0.22		mg/Kg	0.0056	0.035	1.0
Dibenz(a,h)anthracene	0.065		mg/Kg	0.0044	0.035	1.0
Dibenzofuran	<0.18		mg/Kg	0.013	0.18	1.0
1,2-Dichlorobenzene	<0.18		mg/Kg	0.018	0.18	1.0
1,3-Dichlorobenzene	<0.18		mg/Kg	0.019	0.18	1.0
1,4-Dichlorobenzene	<0.18		mg/Kg	0.019	0.18	1.0
3,3'-Dichlorobenzidine	<0.18		mg/Kg	0.052	0.18	1.0
2,4-Dichlorophenol	<0.35		mg/Kg	0.038	0.35	1.0
Diethyl phthalate	<0.18		mg/Kg	0.018	0.18	1.0
2,4-Dimethylphenol	<0.35		mg/Kg	0.066	0.35	1.0
Dimethyl phthalate	<0.18		mg/Kg	0.014	0.18	1.0
Di-n-butyl phthalate	0.028	J	mg/Kg	0.014	0.18	1.0
4,6-Dinitro-2-methylphenol	<0.35		mg/Kg	0.043	0.35	1.0
2,4-Dinitrophenol	<0.72		mg/Kg	0.20	0.72	1.0
2,4-Dinitrotoluene	<0.18		mg/Kg	0.019	0.18	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25810-SB-14@ 3'-4'
Lab Sample ID: 500-18278-7

Date Sampled: 04/15/2009 1100
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 88

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2,6-Dinitrotoluene	<0.18		mg/Kg	0.019	0.18	1.0
Di-n-octyl phthalate	<0.18		mg/Kg	0.016	0.18	1.0
Fluoranthene	0.33		mg/Kg	0.0046	0.035	1.0
Fluorene	0.0096	J	mg/Kg	0.0038	0.035	1.0
Hexachlorobenzene	<0.072		mg/Kg	0.0052	0.072	1.0
Hexachlorobutadiene	<0.18		mg/Kg	0.021	0.18	1.0
Hexachlorocyclopentadiene	<0.72		mg/Kg	0.12	0.72	1.0
Hexachloroethane	<0.18		mg/Kg	0.019	0.18	1.0
Indeno[1,2,3-cd]pyrene	0.17		mg/Kg	0.0046	0.035	1.0
Isophorone	<0.18		mg/Kg	0.014	0.18	1.0
2-Methylnaphthalene	0.022	J	mg/Kg	0.020	0.18	1.0
2-Methylphenol	<0.18		mg/Kg	0.035	0.18	1.0
3 & 4 Methylphenol	<0.18		mg/Kg	0.033	0.18	1.0
Naphthalene	0.023	J	mg/Kg	0.0036	0.035	1.0
2-Nitroaniline	<0.18		mg/Kg	0.020	0.18	1.0
3-Nitroaniline	<0.35		mg/Kg	0.070	0.35	1.0
4-Nitroaniline	<0.35		mg/Kg	0.077	0.35	1.0
Nitrobenzene	<0.035		mg/Kg	0.0065	0.035	1.0
2-Nitrophenol	<0.35		mg/Kg	0.043	0.35	1.0
4-Nitrophenol	<0.72		mg/Kg	0.062	0.72	1.0
N-Nitrosodi-n-propylamine	<0.18		mg/Kg	0.025	0.18	1.0
N-Nitrosodiphenylamine	<0.18	*	mg/Kg	0.011	0.18	1.0
2,2'-oxybis[1-chloropropane]	<0.18		mg/Kg	0.019	0.18	1.0
Pentachlorophenol	<0.72		mg/Kg	0.13	0.72	1.0
Phenanthrene	0.13		mg/Kg	0.0031	0.035	1.0
Phenol	<0.18		mg/Kg	0.031	0.18	1.0
Pyrene	0.31		mg/Kg	0.0042	0.035	1.0
1,2,4-Trichlorobenzene	<0.18		mg/Kg	0.018	0.18	1.0
2,4,5-Trichlorophenol	<0.35	*	mg/Kg	0.050	0.35	1.0
2,4,6-Trichlorophenol	<0.35		mg/Kg	0.036	0.35	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	65	%	33 - 114
2-Fluorophenol	43	%	25 - 111
Nitrobenzene-d5	56	%	21 - 116
Phenol-d5	55	%	31 - 110
Terphenyl-d14	74	%	48 - 146
2,4,6-Tribromophenol	92	%	32 - 138

Method: 6010B Date Analyzed: 04/20/2009 1056
Prep Method: 3050B Date Prepared: 04/17/2009 0844

Aluminum	4200	mg/Kg	2.0	22	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25810-SB-14@ 3'-4'
Lab Sample ID: 500-18278-7

Date Sampled: 04/15/2009 1100
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 88

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Antimony	0.92	J B	mg/Kg	0.32	2.2	1.0
Arsenic	3.2		mg/Kg	0.32	1.1	1.0
Barium	58		mg/Kg	0.035	1.1	1.0
Beryllium	0.31	J	mg/Kg	0.011	0.43	1.0
Cadmium	0.20	J	mg/Kg	0.036	0.22	1.0
Calcium	68000	B	mg/Kg	0.92	11	1.0
Chromium	8.2	B	mg/Kg	0.095	1.1	1.0
Cobalt	2.5		mg/Kg	0.079	0.54	1.0
Copper	29		mg/Kg	0.49	1.1	1.0
Iron	9900	B	mg/Kg	2.2	11	1.0
Lead	46	B	mg/Kg	0.12	0.54	1.0
Magnesium	40000	B	mg/Kg	1.3	11	1.0
Manganese	320		mg/Kg	0.034	1.1	1.0
Nickel	6.3	B	mg/Kg	0.067	1.1	1.0
Potassium	850		mg/Kg	6.6	54	1.0
Selenium	<1.1		mg/Kg	0.41	1.1	1.0
Silver	<0.54		mg/Kg	0.11	0.54	1.0
Sodium	440		mg/Kg	22	110	1.0
Thallium	<1.1		mg/Kg	0.36	1.1	1.0
Vanadium	14		mg/Kg	0.092	0.54	1.0
Zinc	42		mg/Kg	0.20	2.2	1.0
Method: 7471A			Date Analyzed:	04/17/2009 1316		
Prep Method: 7471A			Date Prepared:	04/17/2009 1100		
Mercury	0.27		mg/Kg	0.0075	0.019	1.0
Method: 9014			Date Analyzed:	04/21/2009 1609		
Prep Method: 9010B			Date Prepared:	04/21/2009 1140		
Cyanide, Total	<0.28		mg/Kg	0.070	0.28	1.0
Method: 9045C			Date Analyzed:	04/18/2009 1350		
pH	9.41		SU	0.200	0.200	1.0
Method: Moisture			Date Analyzed:	04/17/2009 0338		
Percent Moisture	12		%	0.10	0.10	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25811-SB-13@ 3'-4'
Lab Sample ID: 500-18278-8

Date Sampled: 04/15/2009 1107
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 88

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B		Date Analyzed:	04/28/2009 1014		
Prep Method: 5035		Date Prepared:	04/15/2009 1107		
Acetone	<0.17	mg/Kg	0.11	0.17	1.0
Benzene	<0.011	mg/Kg	0.0032	0.011	1.0
Bromodichloromethane	<0.086	mg/Kg	0.015	0.086	1.0
Bromoform	<0.086	mg/Kg	0.026	0.086	1.0
Bromomethane	<0.086	mg/Kg	0.023	0.086	1.0
Methyl Ethyl Ketone	<0.086	mg/Kg	0.056	0.086	1.0
Carbon disulfide	<0.086	mg/Kg	0.011	0.086	1.0
Carbon tetrachloride	<0.043	mg/Kg	0.018	0.043	1.0
Chlorobenzene	<0.043	mg/Kg	0.015	0.043	1.0
Chloroethane	<0.086	mg/Kg	0.023	0.086	1.0
Chloroform	<0.043	mg/Kg	0.011	0.043	1.0
Chloromethane	<0.086	mg/Kg	0.026	0.086	1.0
cis-1,2-Dichloroethene	<0.043	mg/Kg	0.017	0.043	1.0
cis-1,3-Dichloropropene	<0.043	mg/Kg	0.016	0.043	1.0
Dibromochloromethane	<0.086	mg/Kg	0.016	0.086	1.0
1,1-Dichloroethane	<0.043	mg/Kg	0.015	0.043	1.0
1,2-Dichloroethane	<0.043	mg/Kg	0.019	0.043	1.0
1,1-Dichloroethene	<0.043	mg/Kg	0.018	0.043	1.0
1,2-Dichloropropane	<0.043	mg/Kg	0.020	0.043	1.0
Ethylbenzene	<0.011	mg/Kg	0.0047	0.011	1.0
2-Hexanone	<0.086	mg/Kg	0.029	0.086	1.0
Methylene Chloride	<0.086	mg/Kg	0.015	0.086	1.0
methyl isobutyl ketone	<0.086	mg/Kg	0.027	0.086	1.0
Methyl tert-butyl ether	<0.086	mg/Kg	0.014	0.086	1.0
Styrene	<0.043	mg/Kg	0.013	0.043	1.0
1,1,2,2-Tetrachloroethane	<0.043	mg/Kg	0.022	0.043	1.0
Tetrachloroethene	0.53	mg/Kg	0.012	0.043	1.0
Toluene	<0.011	mg/Kg	0.0070	0.011	1.0
trans-1,2-Dichloroethene	<0.043	mg/Kg	0.015	0.043	1.0
trans-1,3-Dichloropropene	<0.043	mg/Kg	0.013	0.043	1.0
1,1,1-Trichloroethane	<0.043	mg/Kg	0.019	0.043	1.0
1,1,2-Trichloroethane	<0.043	mg/Kg	0.027	0.043	1.0
Trichloroethene	<0.011	mg/Kg	0.0043	0.011	1.0
Vinyl chloride	<0.011	mg/Kg	0.0052	0.011	1.0
Xylenes, Total	<0.043	mg/Kg	0.013	0.043	1.0
1,3-Dichloropropene, Total	<0.043	mg/Kg	0.016	0.043	1.0

Surrogate			Acceptance Limits
4-Bromofluorobenzene (Surr)	90	%	75 - 120

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25811-SB-13@ 3'-4'
Lab Sample ID: 500-18278-8

Date Sampled: 04/15/2009 1107
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 88

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	126	X	%		75 - 120	
1,2-Dichloroethane-d4 (Surr)	125		%		70 - 125	
Toluene-d8 (Surr)	100		%		75 - 120	
Method: 8270C			Date Analyzed:	04/28/2009 1851		
Prep Method: 3541			Date Prepared:	04/17/2009 0812		
Acenaphthene	0.020	J	mg/Kg	0.0046	0.036	1.0
Acenaphthylene	0.045		mg/Kg	0.0038	0.036	1.0
Anthracene	0.086		mg/Kg	0.0043	0.036	1.0
Benzo[a]anthracene	0.70		mg/Kg	0.0046	0.036	1.0
Benzo[a]pyrene	0.77		mg/Kg	0.0034	0.036	1.0
Benzo[b]fluoranthene	0.65		mg/Kg	0.0080	0.036	1.0
Benzo[g,h,i]perylene	0.53		mg/Kg	0.0063	0.036	1.0
Benzo[k]fluoranthene	0.67		mg/Kg	0.0078	0.036	1.0
Bis(2-chloroethoxy)methane	<0.18		mg/Kg	0.023	0.18	1.0
Bis(2-chloroethyl)ether	<0.18		mg/Kg	0.024	0.18	1.0
Bis(2-ethylhexyl) phthalate	0.57		mg/Kg	0.031	0.18	1.0
4-Bromophenyl phenyl ether	<0.18		mg/Kg	0.015	0.18	1.0
Butyl benzyl phthalate	<0.18		mg/Kg	0.016	0.18	1.0
Carbazole	<0.18		mg/Kg	0.014	0.18	1.0
4-Chloroaniline	<0.74		mg/Kg	0.14	0.74	1.0
4-Chloro-3-methylphenol	<0.36		mg/Kg	0.089	0.36	1.0
2-Chloronaphthalene	<0.18		mg/Kg	0.017	0.18	1.0
2-Chlorophenol	<0.18		mg/Kg	0.032	0.18	1.0
4-Chlorophenyl phenyl ether	<0.18		mg/Kg	0.015	0.18	1.0
Chrysene	0.63		mg/Kg	0.0057	0.036	1.0
Dibenz(a,h)anthracene	0.21		mg/Kg	0.0045	0.036	1.0
Dibenzofuran	<0.18		mg/Kg	0.014	0.18	1.0
1,2-Dichlorobenzene	<0.18		mg/Kg	0.018	0.18	1.0
1,3-Dichlorobenzene	<0.18		mg/Kg	0.019	0.18	1.0
1,4-Dichlorobenzene	<0.18		mg/Kg	0.020	0.18	1.0
3,3'-Dichlorobenzidine	<0.18		mg/Kg	0.054	0.18	1.0
2,4-Dichlorophenol	<0.36		mg/Kg	0.039	0.36	1.0
Diethyl phthalate	<0.18		mg/Kg	0.019	0.18	1.0
2,4-Dimethylphenol	<0.36		mg/Kg	0.067	0.36	1.0
Dimethyl phthalate	<0.18		mg/Kg	0.014	0.18	1.0
Di-n-butyl phthalate	<0.18		mg/Kg	0.015	0.18	1.0
4,6-Dinitro-2-methylphenol	<0.36		mg/Kg	0.044	0.36	1.0
2,4-Dinitrophenol	<0.74		mg/Kg	0.20	0.74	1.0
2,4-Dinitrotoluene	<0.18		mg/Kg	0.020	0.18	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25811-SB-13@ 3'-4'
Lab Sample ID: 500-18278-8

Date Sampled: 04/15/2009 1107
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 88

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2,6-Dinitrotoluene	<0.18		mg/Kg	0.019	0.18	1.0
Di-n-octyl phthalate	<0.18		mg/Kg	0.016	0.18	1.0
Fluoranthene	0.92		mg/Kg	0.0047	0.036	1.0
Fluorene	0.020	J	mg/Kg	0.0038	0.036	1.0
Hexachlorobenzene	<0.074		mg/Kg	0.0053	0.074	1.0
Hexachlorobutadiene	<0.18		mg/Kg	0.021	0.18	1.0
Hexachlorocyclopentadiene	<0.74		mg/Kg	0.12	0.74	1.0
Hexachloroethane	<0.18		mg/Kg	0.019	0.18	1.0
Indeno[1,2,3-cd]pyrene	0.48		mg/Kg	0.0047	0.036	1.0
Isophorone	<0.18		mg/Kg	0.015	0.18	1.0
2-Methylnaphthalene	0.11	J	mg/Kg	0.021	0.18	1.0
2-Methylphenol	<0.18		mg/Kg	0.036	0.18	1.0
3 & 4 Methylphenol	<0.18		mg/Kg	0.034	0.18	1.0
Naphthalene	0.091		mg/Kg	0.0037	0.036	1.0
2-Nitroaniline	<0.18		mg/Kg	0.020	0.18	1.0
3-Nitroaniline	<0.36		mg/Kg	0.072	0.36	1.0
4-Nitroaniline	<0.36		mg/Kg	0.078	0.36	1.0
Nitrobenzene	<0.036		mg/Kg	0.0067	0.036	1.0
2-Nitrophenol	<0.36		mg/Kg	0.044	0.36	1.0
4-Nitrophenol	<0.74		mg/Kg	0.064	0.74	1.0
N-Nitrosodi-n-propylamine	<0.18		mg/Kg	0.025	0.18	1.0
N-Nitrosodiphenylamine	<0.18	*	mg/Kg	0.011	0.18	1.0
2,2'-oxybis[1-chloropropane]	<0.18		mg/Kg	0.019	0.18	1.0
Pentachlorophenol	<0.74		mg/Kg	0.13	0.74	1.0
Phenanthrene	0.32		mg/Kg	0.0032	0.036	1.0
Phenol	<0.18		mg/Kg	0.032	0.18	1.0
Pyrene	0.90		mg/Kg	0.0043	0.036	1.0
1,2,4-Trichlorobenzene	<0.18		mg/Kg	0.018	0.18	1.0
2,4,5-Trichlorophenol	<0.36	*	mg/Kg	0.051	0.36	1.0
2,4,6-Trichlorophenol	<0.36		mg/Kg	0.037	0.36	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	73	%	33 - 114
2-Fluorophenol	48	%	25 - 111
Nitrobenzene-d5	67	%	21 - 116
Phenol-d5	59	%	31 - 110
Terphenyl-d14	76	%	48 - 146
2,4,6-Tribromophenol	84	%	32 - 138

Method: 6010B Date Analyzed: 04/20/2009 1102
Prep Method: 3050B Date Prepared: 04/17/2009 0844

Aluminum	5700	mg/Kg	2.0	22	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25811-SB-13@ 3'-4'
Lab Sample ID: 500-18278-8

Date Sampled: 04/15/2009 1107
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 88

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Antimony	0.91	J B	mg/Kg	0.32	2.2	1.0
Arsenic	4.2		mg/Kg	0.32	1.1	1.0
Barium	54		mg/Kg	0.035	1.1	1.0
Beryllium	0.43	J	mg/Kg	0.011	0.44	1.0
Cadmium	0.17	J	mg/Kg	0.036	0.22	1.0
Calcium	62000	B	mg/Kg	0.93	11	1.0
Chromium	11	B	mg/Kg	0.095	1.1	1.0
Cobalt	3.1		mg/Kg	0.080	0.55	1.0
Copper	76		mg/Kg	0.49	1.1	1.0
Iron	15000	B	mg/Kg	2.2	11	1.0
Lead	250	B	mg/Kg	0.12	0.55	1.0
Magnesium	37000	B	mg/Kg	1.3	11	1.0
Manganese	350		mg/Kg	0.034	1.1	1.0
Nickel	8.4	B	mg/Kg	0.068	1.1	1.0
Potassium	880		mg/Kg	6.7	55	1.0
Selenium	<1.1		mg/Kg	0.42	1.1	1.0
Silver	<0.55		mg/Kg	0.11	0.55	1.0
Sodium	450		mg/Kg	22	110	1.0
Thallium	<1.1		mg/Kg	0.36	1.1	1.0
Vanadium	18		mg/Kg	0.093	0.55	1.0
Zinc	54		mg/Kg	0.20	2.2	1.0
Method: 7471A			Date Analyzed:	04/17/2009 1318		
Prep Method: 7471A			Date Prepared:	04/17/2009 1100		
Mercury	0.32		mg/Kg	0.0076	0.019	1.0
Method: 9014			Date Analyzed:	04/21/2009 1609		
Prep Method: 9010B			Date Prepared:	04/21/2009 1140		
Cyanide, Total	<0.45		mg/Kg	0.11	0.45	1.0
Method: 9045C			Date Analyzed:	04/18/2009 1355		
pH	8.85		SU	0.200	0.200	1.0
Method: Moisture			Date Analyzed:	04/17/2009 0338		
Percent Moisture	12		%	0.10	0.10	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25812-SB-12@ 4-5'
Lab Sample ID: 500-18278-9

Date Sampled: 04/15/2009 1125
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	04/22/2009 1440		
Prep Method: 5035			Date Prepared:	04/15/2009 1125		
Chloromethane	<0.0053		mg/Kg	0.0017	0.0053	1.0
Vinyl chloride	<0.0053	*	mg/Kg	0.0015	0.0053	1.0
Bromomethane	<0.0053		mg/Kg	0.0023	0.0053	1.0
Chloroethane	<0.0053		mg/Kg	0.0013	0.0053	1.0
1,1-Dichloroethene	<0.0053		mg/Kg	0.00094	0.0053	1.0
Acetone	<0.0053		mg/Kg	0.0020	0.0053	1.0
Carbon disulfide	<0.0053		mg/Kg	0.0010	0.0053	1.0
Methylene Chloride	<0.0053		mg/Kg	0.00083	0.0053	1.0
trans-1,2-Dichloroethene	<0.0053		mg/Kg	0.0011	0.0053	1.0
Methyl tert-butyl ether	<0.0053		mg/Kg	0.0014	0.0053	1.0
1,1-Dichloroethane	<0.0053		mg/Kg	0.0010	0.0053	1.0
cis-1,2-Dichloroethene	<0.0053		mg/Kg	0.0010	0.0053	1.0
Methyl Ethyl Ketone	<0.0053		mg/Kg	0.0019	0.0053	1.0
Chloroform	<0.0053		mg/Kg	0.0010	0.0053	1.0
1,1,1-Trichloroethane	<0.0053		mg/Kg	0.00095	0.0053	1.0
Carbon tetrachloride	<0.0053		mg/Kg	0.0010	0.0053	1.0
Benzene	<0.0053		mg/Kg	0.00091	0.0053	1.0
1,2-Dichloroethane	<0.0053		mg/Kg	0.0012	0.0053	1.0
Trichloroethene	<0.0053		mg/Kg	0.0010	0.0053	1.0
1,2-Dichloropropane	<0.0053		mg/Kg	0.0010	0.0053	1.0
Bromodichloromethane	<0.0053		mg/Kg	0.00083	0.0053	1.0
cis-1,3-Dichloropropene	<0.0053		mg/Kg	0.00085	0.0053	1.0
methyl isobutyl ketone	<0.0053		mg/Kg	0.0016	0.0053	1.0
Toluene	<0.0053		mg/Kg	0.00094	0.0053	1.0
trans-1,3-Dichloropropene	<0.0053		mg/Kg	0.0010	0.0053	1.0
1,1,2-Trichloroethane	<0.0053		mg/Kg	0.0019	0.0053	1.0
Tetrachloroethene	<0.0053		mg/Kg	0.00085	0.0053	1.0
2-Hexanone	<0.0053		mg/Kg	0.0013	0.0053	1.0
Dibromochloromethane	<0.0053		mg/Kg	0.00089	0.0053	1.0
Chlorobenzene	<0.0053		mg/Kg	0.00073	0.0053	1.0
Ethylbenzene	<0.0053		mg/Kg	0.00076	0.0053	1.0
Xylenes, Total	<0.011		mg/Kg	0.0016	0.011	1.0
Styrene	<0.0053		mg/Kg	0.00080	0.0053	1.0
Bromoform	<0.0053		mg/Kg	0.0011	0.0053	1.0
1,1,2,2-Tetrachloroethane	<0.0053		mg/Kg	0.0013	0.0053	1.0
1,3-Dichloropropene, Total	<0.0053		mg/Kg	0.0010	0.0053	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122	%	75 - 140

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25812-SB-12@ 4-5'
Lab Sample ID: 500-18278-9

Date Sampled: 04/15/2009 1125
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Toluene-d8 (Surr)	118		%		75 - 130	
4-Bromofluorobenzene (Surr)	103		%		75 - 120	
Dibromofluoromethane	133		%		75 - 140	
Method: 8270C			Date Analyzed:		04/28/2009 1911	
Prep Method: 3541			Date Prepared:		04/17/2009 0812	
Acenaphthene	0.28		mg/Kg	0.023	0.18	5.0
Acenaphthylene	0.28		mg/Kg	0.019	0.18	5.0
Anthracene	1.3		mg/Kg	0.021	0.18	5.0
Benzo[a]anthracene	4.1		mg/Kg	0.023	0.18	5.0
Benzo[a]pyrene	4.1		mg/Kg	0.017	0.18	5.0
Benzo[b]fluoranthene	4.3		mg/Kg	0.040	0.18	5.0
Benzo[g,h,i]perylene	2.8		mg/Kg	0.031	0.18	5.0
Benzo[k]fluoranthene	2.2		mg/Kg	0.039	0.18	5.0
Bis(2-chloroethoxy)methane	<0.92		mg/Kg	0.11	0.92	5.0
Bis(2-chloroethyl)ether	<0.92		mg/Kg	0.12	0.92	5.0
Bis(2-ethylhexyl) phthalate	<0.92		mg/Kg	0.15	0.92	5.0
4-Bromophenyl phenyl ether	<0.92		mg/Kg	0.072	0.92	5.0
Butyl benzyl phthalate	<0.92		mg/Kg	0.081	0.92	5.0
Carbazole	0.26	J	mg/Kg	0.069	0.92	5.0
4-Chloroaniline	<3.7		mg/Kg	0.70	3.7	5.0
4-Chloro-3-methylphenol	<1.8		mg/Kg	0.45	1.8	5.0
2-Chloronaphthalene	<0.92		mg/Kg	0.083	0.92	5.0
2-Chlorophenol	<0.92		mg/Kg	0.16	0.92	5.0
4-Chlorophenyl phenyl ether	<0.92		mg/Kg	0.076	0.92	5.0
Chrysene	3.9		mg/Kg	0.029	0.18	5.0
Dibenz(a,h)anthracene	1.0		mg/Kg	0.022	0.18	5.0
Dibenzofuran	0.32	J	mg/Kg	0.068	0.92	5.0
1,2-Dichlorobenzene	<0.92		mg/Kg	0.090	0.92	5.0
1,3-Dichlorobenzene	<0.92		mg/Kg	0.095	0.92	5.0
1,4-Dichlorobenzene	<0.92		mg/Kg	0.099	0.92	5.0
3,3'-Dichlorobenzidine	<0.92		mg/Kg	0.27	0.92	5.0
2,4-Dichlorophenol	<1.8		mg/Kg	0.19	1.8	5.0
Diethyl phthalate	<0.92		mg/Kg	0.093	0.92	5.0
2,4-Dimethylphenol	<1.8		mg/Kg	0.34	1.8	5.0
Dimethyl phthalate	<0.92		mg/Kg	0.070	0.92	5.0
Di-n-butyl phthalate	<0.92		mg/Kg	0.072	0.92	5.0
4,6-Dinitro-2-methylphenol	<1.8		mg/Kg	0.22	1.8	5.0
2,4-Dinitrophenol	<3.7		mg/Kg	1.0	3.7	5.0
2,4-Dinitrotoluene	<0.92		mg/Kg	0.098	0.92	5.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25812-SB-12@ 4-5'
Lab Sample ID: 500-18278-9

Date Sampled: 04/15/2009 1125
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2,6-Dinitrotoluene	<0.92		mg/Kg	0.097	0.92	5.0
Di-n-octyl phthalate	<0.92		mg/Kg	0.082	0.92	5.0
Fluoranthene	7.5		mg/Kg	0.024	0.18	5.0
Fluorene	0.49		mg/Kg	0.019	0.18	5.0
Hexachlorobenzene	<0.37		mg/Kg	0.026	0.37	5.0
Hexachlorobutadiene	<0.92		mg/Kg	0.11	0.92	5.0
Hexachlorocyclopentadiene	<3.7		mg/Kg	0.62	3.7	5.0
Hexachloroethane	<0.92		mg/Kg	0.096	0.92	5.0
Indeno[1,2,3-cd]pyrene	2.4		mg/Kg	0.024	0.18	5.0
Isophorone	<0.92		mg/Kg	0.074	0.92	5.0
2-Methylnaphthalene	0.29	J	mg/Kg	0.10	0.92	5.0
2-Methylphenol	<0.92		mg/Kg	0.18	0.92	5.0
3 & 4 Methylphenol	<0.92		mg/Kg	0.17	0.92	5.0
Naphthalene	0.39		mg/Kg	0.019	0.18	5.0
2-Nitroaniline	<0.92		mg/Kg	0.10	0.92	5.0
3-Nitroaniline	<1.8		mg/Kg	0.36	1.8	5.0
4-Nitroaniline	<1.8		mg/Kg	0.39	1.8	5.0
Nitrobenzene	<0.18		mg/Kg	0.033	0.18	5.0
2-Nitrophenol	<1.8		mg/Kg	0.22	1.8	5.0
4-Nitrophenol	<3.7		mg/Kg	0.32	3.7	5.0
N-Nitrosodi-n-propylamine	<0.92		mg/Kg	0.13	0.92	5.0
N-Nitrosodiphenylamine	0.20	J *	mg/Kg	0.054	0.92	5.0
2,2'-oxybis[1-chloropropane]	<0.92		mg/Kg	0.095	0.92	5.0
Pentachlorophenol	<3.7		mg/Kg	0.67	3.7	5.0
Phenanthrene	5.6		mg/Kg	0.016	0.18	5.0
Phenol	<0.92		mg/Kg	0.16	0.92	5.0
Pyrene	7.4		mg/Kg	0.021	0.18	5.0
1,2,4-Trichlorobenzene	<0.92		mg/Kg	0.090	0.92	5.0
2,4,5-Trichlorophenol	<1.8	*	mg/Kg	0.25	1.8	5.0
2,4,6-Trichlorophenol	<1.8		mg/Kg	0.18	1.8	5.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	84	%	33 - 114
2-Fluorophenol	38	%	25 - 111
Nitrobenzene-d5	68	%	21 - 116
Phenol-d5	56	%	31 - 110
Terphenyl-d14	91	%	48 - 146
2,4,6-Tribromophenol	89	%	32 - 138

Method: 6010B Date Analyzed: 04/20/2009 1130
Prep Method: 3050B Date Prepared: 04/17/2009 0844

Aluminum	6200	mg/Kg	1.9	21	1.0

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1920 Daimler Road
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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25812-SB-12@ 4-5'
Lab Sample ID: 500-18278-9

Date Sampled: 04/15/2009 1125
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Antimony	0.76	J B	mg/Kg	0.31	2.1	1.0
Arsenic	6.6		mg/Kg	0.31	1.1	1.0
Barium	61		mg/Kg	0.034	1.1	1.0
Beryllium	0.50		mg/Kg	0.011	0.43	1.0
Cadmium	0.33		mg/Kg	0.035	0.21	1.0
Calcium	34000	B	mg/Kg	0.91	11	1.0
Chromium	14	B	mg/Kg	0.093	1.1	1.0
Cobalt	4.2		mg/Kg	0.078	0.53	1.0
Copper	25		mg/Kg	0.48	1.1	1.0
Iron	21000	B	mg/Kg	2.1	11	1.0
Lead	73	B	mg/Kg	0.12	0.53	1.0
Magnesium	19000	B	mg/Kg	1.3	11	1.0
Manganese	590		mg/Kg	0.033	1.1	1.0
Nickel	12	B	mg/Kg	0.066	1.1	1.0
Potassium	880		mg/Kg	6.5	53	1.0
Selenium	<1.1		mg/Kg	0.41	1.1	1.0
Silver	<0.53		mg/Kg	0.11	0.53	1.0
Sodium	290		mg/Kg	22	110	1.0
Thallium	<1.1		mg/Kg	0.35	1.1	1.0
Vanadium	25		mg/Kg	0.091	0.53	1.0
Zinc	81		mg/Kg	0.19	2.1	1.0
Method: 7471A			Date Analyzed:	04/17/2009 1321		
Prep Method: 7471A			Date Prepared:	04/17/2009 1100		
Mercury	0.44		mg/Kg	0.0077	0.019	1.0
Method: 9014			Date Analyzed:	04/21/2009 1609		
Prep Method: 9010B			Date Prepared:	04/21/2009 1140		
Cyanide, Total	<0.38		mg/Kg	0.095	0.38	1.0
Method: 9045C			Date Analyzed:	04/18/2009 1400		
pH	8.25		SU	0.200	0.200	1.0
Method: Moisture			Date Analyzed:	04/17/2009 0338		
Percent Moisture	13		%	0.10	0.10	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25813-SB-11@ 3.5-4.5'
Lab Sample ID: 500-18278-10

Date Sampled: 04/15/2009 1135
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	04/22/2009 1506		
Prep Method: 5035			Date Prepared:	04/15/2009 1135		
Chloromethane	<0.0030		mg/Kg	0.00095	0.0030	1.0
Vinyl chloride	<0.0030	*	mg/Kg	0.00083	0.0030	1.0
Bromomethane	<0.0030		mg/Kg	0.0013	0.0030	1.0
Chloroethane	<0.0030		mg/Kg	0.00071	0.0030	1.0
1,1-Dichloroethene	<0.0030		mg/Kg	0.00052	0.0030	1.0
Acetone	<0.0030		mg/Kg	0.0011	0.0030	1.0
Carbon disulfide	<0.0030		mg/Kg	0.00056	0.0030	1.0
Methylene Chloride	<0.0030		mg/Kg	0.00046	0.0030	1.0
trans-1,2-Dichloroethene	<0.0030		mg/Kg	0.00059	0.0030	1.0
Methyl tert-butyl ether	<0.0030		mg/Kg	0.00077	0.0030	1.0
1,1-Dichloroethane	<0.0030		mg/Kg	0.00057	0.0030	1.0
cis-1,2-Dichloroethene	<0.0030		mg/Kg	0.00057	0.0030	1.0
Methyl Ethyl Ketone	<0.0030		mg/Kg	0.0011	0.0030	1.0
Chloroform	<0.0030		mg/Kg	0.00058	0.0030	1.0
1,1,1-Trichloroethane	<0.0030		mg/Kg	0.00053	0.0030	1.0
Carbon tetrachloride	<0.0030		mg/Kg	0.00056	0.0030	1.0
Benzene	<0.0030		mg/Kg	0.00050	0.0030	1.0
1,2-Dichloroethane	<0.0030		mg/Kg	0.00065	0.0030	1.0
Trichloroethene	<0.0030		mg/Kg	0.00057	0.0030	1.0
1,2-Dichloropropane	<0.0030		mg/Kg	0.00056	0.0030	1.0
Bromodichloromethane	<0.0030		mg/Kg	0.00046	0.0030	1.0
cis-1,3-Dichloropropene	<0.0030		mg/Kg	0.00048	0.0030	1.0
methyl isobutyl ketone	<0.0030		mg/Kg	0.00089	0.0030	1.0
Toluene	<0.0030		mg/Kg	0.00052	0.0030	1.0
trans-1,3-Dichloropropene	<0.0030		mg/Kg	0.00057	0.0030	1.0
1,1,2-Trichloroethane	<0.0030		mg/Kg	0.0011	0.0030	1.0
Tetrachloroethene	<0.0030		mg/Kg	0.00048	0.0030	1.0
2-Hexanone	<0.0030		mg/Kg	0.00071	0.0030	1.0
Dibromochloromethane	<0.0030		mg/Kg	0.00049	0.0030	1.0
Chlorobenzene	<0.0030		mg/Kg	0.00040	0.0030	1.0
Ethylbenzene	<0.0030		mg/Kg	0.00042	0.0030	1.0
Xylenes, Total	<0.0059		mg/Kg	0.00089	0.0059	1.0
Styrene	<0.0030		mg/Kg	0.00045	0.0030	1.0
Bromoform	<0.0030		mg/Kg	0.00059	0.0030	1.0
1,1,2,2-Tetrachloroethane	<0.0030		mg/Kg	0.00071	0.0030	1.0
1,3-Dichloropropene, Total	<0.0030		mg/Kg	0.00057	0.0030	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	131	%	75 - 140

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25813-SB-11@ 3.5-4.5'
Lab Sample ID: 500-18278-10

Date Sampled: 04/15/2009 1135
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Toluene-d8 (Surr)	122		%		75 - 130	
4-Bromofluorobenzene (Surr)	108		%		75 - 120	
Dibromofluoromethane	137		%		75 - 140	
Method: 8270C			Date Analyzed:	04/28/2009 1932		
Prep Method: 3541			Date Prepared:	04/17/2009 0812		
Acenaphthene	<0.039		mg/Kg	0.0049	0.039	1.0
Acenaphthylene	0.020	J	mg/Kg	0.0041	0.039	1.0
Anthracene	0.038	J	mg/Kg	0.0046	0.039	1.0
Benzo[a]anthracene	0.20		mg/Kg	0.0049	0.039	1.0
Benzo[a]pyrene	0.20		mg/Kg	0.0036	0.039	1.0
Benzo[b]fluoranthene	0.24		mg/Kg	0.0085	0.039	1.0
Benzo[g,h,i]perylene	0.13		mg/Kg	0.0067	0.039	1.0
Benzo[k]fluoranthene	0.096		mg/Kg	0.0083	0.039	1.0
Bis(2-chloroethoxy)methane	<0.20		mg/Kg	0.024	0.20	1.0
Bis(2-chloroethyl)ether	<0.20		mg/Kg	0.025	0.20	1.0
Bis(2-ethylhexyl) phthalate	0.46		mg/Kg	0.033	0.20	1.0
4-Bromophenyl phenyl ether	<0.20		mg/Kg	0.015	0.20	1.0
Butyl benzyl phthalate	<0.20		mg/Kg	0.017	0.20	1.0
Carbazole	<0.20		mg/Kg	0.015	0.20	1.0
4-Chloroaniline	<0.78		mg/Kg	0.15	0.78	1.0
4-Chloro-3-methylphenol	<0.39		mg/Kg	0.095	0.39	1.0
2-Chloronaphthalene	<0.20		mg/Kg	0.018	0.20	1.0
2-Chlorophenol	<0.20		mg/Kg	0.034	0.20	1.0
4-Chlorophenyl phenyl ether	<0.20		mg/Kg	0.016	0.20	1.0
Chrysene	0.19		mg/Kg	0.0061	0.039	1.0
Dibenz(a,h)anthracene	0.031	J	mg/Kg	0.0048	0.039	1.0
Dibenzofuran	<0.20		mg/Kg	0.014	0.20	1.0
1,2-Dichlorobenzene	<0.20		mg/Kg	0.019	0.20	1.0
1,3-Dichlorobenzene	<0.20		mg/Kg	0.020	0.20	1.0
1,4-Dichlorobenzene	<0.20		mg/Kg	0.021	0.20	1.0
3,3'-Dichlorobenzidine	<0.20		mg/Kg	0.057	0.20	1.0
2,4-Dichlorophenol	<0.39		mg/Kg	0.042	0.39	1.0
Diethyl phthalate	<0.20		mg/Kg	0.020	0.20	1.0
2,4-Dimethylphenol	<0.39		mg/Kg	0.072	0.39	1.0
Dimethyl phthalate	<0.20		mg/Kg	0.015	0.20	1.0
Di-n-butyl phthalate	<0.20		mg/Kg	0.015	0.20	1.0
4,6-Dinitro-2-methylphenol	<0.39		mg/Kg	0.047	0.39	1.0
2,4-Dinitrophenol	<0.78		mg/Kg	0.21	0.78	1.0
2,4-Dinitrotoluene	<0.20		mg/Kg	0.021	0.20	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25813-SB-11@ 3.5-4.5'
Lab Sample ID: 500-18278-10

Date Sampled: 04/15/2009 1135
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2,6-Dinitrotoluene	<0.20		mg/Kg	0.021	0.20	1.0
Di-n-octyl phthalate	<0.20		mg/Kg	0.018	0.20	1.0
Fluoranthene	0.30		mg/Kg	0.0050	0.039	1.0
Fluorene	0.011	J	mg/Kg	0.0041	0.039	1.0
Hexachlorobenzene	<0.078		mg/Kg	0.0056	0.078	1.0
Hexachlorobutadiene	<0.20		mg/Kg	0.023	0.20	1.0
Hexachlorocyclopentadiene	<0.78		mg/Kg	0.13	0.78	1.0
Hexachloroethane	<0.20		mg/Kg	0.021	0.20	1.0
Indeno[1,2,3-cd]pyrene	0.12		mg/Kg	0.0050	0.039	1.0
Isophorone	<0.20		mg/Kg	0.016	0.20	1.0
2-Methylnaphthalene	<0.20		mg/Kg	0.022	0.20	1.0
2-Methylphenol	<0.20		mg/Kg	0.039	0.20	1.0
3 & 4 Methylphenol	<0.20		mg/Kg	0.036	0.20	1.0
Naphthalene	0.012	J	mg/Kg	0.0040	0.039	1.0
2-Nitroaniline	<0.20		mg/Kg	0.021	0.20	1.0
3-Nitroaniline	<0.39		mg/Kg	0.076	0.39	1.0
4-Nitroaniline	<0.39		mg/Kg	0.083	0.39	1.0
Nitrobenzene	<0.039		mg/Kg	0.0071	0.039	1.0
2-Nitrophenol	<0.39		mg/Kg	0.047	0.39	1.0
4-Nitrophenol	<0.78		mg/Kg	0.068	0.78	1.0
N-Nitrosodi-n-propylamine	<0.20		mg/Kg	0.027	0.20	1.0
N-Nitrosodiphenylamine	<0.20	*	mg/Kg	0.012	0.20	1.0
2,2'-oxybis[1-chloropropane]	<0.20		mg/Kg	0.020	0.20	1.0
Pentachlorophenol	<0.78		mg/Kg	0.14	0.78	1.0
Phenanthrene	0.10		mg/Kg	0.0034	0.039	1.0
Phenol	<0.20		mg/Kg	0.034	0.20	1.0
Pyrene	0.28		mg/Kg	0.0046	0.039	1.0
1,2,4-Trichlorobenzene	<0.20		mg/Kg	0.019	0.20	1.0
2,4,5-Trichlorophenol	<0.39	*	mg/Kg	0.054	0.39	1.0
2,4,6-Trichlorophenol	<0.39		mg/Kg	0.039	0.39	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	74	%	33 - 114
2-Fluorophenol	59	%	25 - 111
Nitrobenzene-d5	65	%	21 - 116
Phenol-d5	66	%	31 - 110
Terphenyl-d14	78	%	48 - 146
2,4,6-Tribromophenol	99	%	32 - 138

Method: 6010B Date Analyzed: 04/20/2009 1136
Prep Method: 3050B Date Prepared: 04/17/2009 0844

Aluminum	7500	mg/Kg	2.1	23	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25813-SB-11@ 3.5-4.5'
Lab Sample ID: 500-18278-10

Date Sampled: 04/15/2009 1135
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Antimony	0.44	J B	mg/Kg	0.33	2.3	1.0
Arsenic	4.7		mg/Kg	0.33	1.2	1.0
Barium	75		mg/Kg	0.037	1.2	1.0
Beryllium	0.41	J	mg/Kg	0.012	0.46	1.0
Cadmium	0.18	J	mg/Kg	0.038	0.23	1.0
Calcium	37000	B	mg/Kg	0.98	12	1.0
Chromium	13	B	mg/Kg	0.10	1.2	1.0
Cobalt	5.7		mg/Kg	0.084	0.58	1.0
Copper	22		mg/Kg	0.52	1.2	1.0
Iron	14000	B	mg/Kg	2.3	12	1.0
Lead	44	B	mg/Kg	0.13	0.58	1.0
Magnesium	23000	B	mg/Kg	1.4	12	1.0
Manganese	480		mg/Kg	0.036	1.2	1.0
Nickel	9.7	B	mg/Kg	0.072	1.2	1.0
Potassium	1200		mg/Kg	7.0	58	1.0
Selenium	<1.2		mg/Kg	0.44	1.2	1.0
Silver	<0.58		mg/Kg	0.12	0.58	1.0
Sodium	310		mg/Kg	24	120	1.0
Thallium	<1.2		mg/Kg	0.38	1.2	1.0
Vanadium	22		mg/Kg	0.098	0.58	1.0
Zinc	54		mg/Kg	0.21	2.3	1.0
Method: 7471A			Date Analyzed:	04/17/2009 1323		
Prep Method: 7471A			Date Prepared:	04/17/2009 1100		
Mercury	0.12		mg/Kg	0.0079	0.020	1.0
Method: 9014			Date Analyzed:	04/21/2009 1610		
Prep Method: 9010B			Date Prepared:	04/21/2009 1140		
Cyanide, Total	<0.48		mg/Kg	0.12	0.48	1.0
Method: 9045C			Date Analyzed:	04/18/2009 1405		
pH	8.68		SU	0.200	0.200	1.0
Method: Moisture			Date Analyzed:	04/17/2009 0338		
Percent Moisture	16		%	0.10	0.10	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25814-SB-10@ 3'-4'
Lab Sample ID: 500-18278-11

Date Sampled: 04/15/2009 1145
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	04/22/2009 1531		
Prep Method: 5035			Date Prepared:	04/15/2009 1145		
Chloromethane	<0.0029		mg/Kg	0.00093	0.0029	1.0
Vinyl chloride	<0.0029	*	mg/Kg	0.00082	0.0029	1.0
Bromomethane	<0.0029		mg/Kg	0.0013	0.0029	1.0
Chloroethane	<0.0029		mg/Kg	0.00070	0.0029	1.0
1,1-Dichloroethene	<0.0029		mg/Kg	0.00051	0.0029	1.0
Acetone	<0.0029		mg/Kg	0.0011	0.0029	1.0
Carbon disulfide	<0.0029		mg/Kg	0.00055	0.0029	1.0
Methylene Chloride	<0.0029		mg/Kg	0.00046	0.0029	1.0
trans-1,2-Dichloroethene	<0.0029		mg/Kg	0.00058	0.0029	1.0
Methyl tert-butyl ether	<0.0029		mg/Kg	0.00076	0.0029	1.0
1,1-Dichloroethane	<0.0029		mg/Kg	0.00056	0.0029	1.0
cis-1,2-Dichloroethene	<0.0029		mg/Kg	0.00056	0.0029	1.0
Methyl Ethyl Ketone	<0.0029		mg/Kg	0.0011	0.0029	1.0
Chloroform	<0.0029		mg/Kg	0.00057	0.0029	1.0
1,1,1-Trichloroethane	<0.0029		mg/Kg	0.00052	0.0029	1.0
Carbon tetrachloride	<0.0029		mg/Kg	0.00055	0.0029	1.0
Benzene	<0.0029		mg/Kg	0.00050	0.0029	1.0
1,2-Dichloroethane	<0.0029		mg/Kg	0.00064	0.0029	1.0
Trichloroethene	<0.0029		mg/Kg	0.00056	0.0029	1.0
1,2-Dichloropropane	<0.0029		mg/Kg	0.00055	0.0029	1.0
Bromodichloromethane	<0.0029		mg/Kg	0.00046	0.0029	1.0
cis-1,3-Dichloropropene	<0.0029		mg/Kg	0.00047	0.0029	1.0
methyl isobutyl ketone	<0.0029		mg/Kg	0.00088	0.0029	1.0
Toluene	<0.0029		mg/Kg	0.00051	0.0029	1.0
trans-1,3-Dichloropropene	<0.0029		mg/Kg	0.00056	0.0029	1.0
1,1,2-Trichloroethane	<0.0029		mg/Kg	0.0011	0.0029	1.0
Tetrachloroethene	<0.0029		mg/Kg	0.00047	0.0029	1.0
2-Hexanone	<0.0029		mg/Kg	0.00070	0.0029	1.0
Dibromochloromethane	<0.0029		mg/Kg	0.00048	0.0029	1.0
Chlorobenzene	<0.0029		mg/Kg	0.00040	0.0029	1.0
Ethylbenzene	<0.0029		mg/Kg	0.00041	0.0029	1.0
Xylenes, Total	<0.0058		mg/Kg	0.00088	0.0058	1.0
Styrene	<0.0029		mg/Kg	0.00044	0.0029	1.0
Bromoform	<0.0029		mg/Kg	0.00058	0.0029	1.0
1,1,2,2-Tetrachloroethane	<0.0029		mg/Kg	0.00070	0.0029	1.0
1,3-Dichloropropene, Total	<0.0029		mg/Kg	0.00056	0.0029	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	131	%	75 - 140

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25814-SB-10@ 3'-4'
Lab Sample ID: 500-18278-11

Date Sampled: 04/15/2009 1145
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Toluene-d8 (Surr)	120		%		75 - 130	
4-Bromofluorobenzene (Surr)	108		%		75 - 120	
Dibromofluoromethane	139		%		75 - 140	
Method: 8270C			Date Analyzed:	04/28/2009 1953		
Prep Method: 3541			Date Prepared:	04/17/2009 0812		
Acenaphthene	<0.037		mg/Kg	0.0047	0.037	1.0
Acenaphthylene	<0.037		mg/Kg	0.0039	0.037	1.0
Anthracene	0.0078	J	mg/Kg	0.0044	0.037	1.0
Benzo[a]anthracene	0.069		mg/Kg	0.0047	0.037	1.0
Benzo[a]pyrene	0.065		mg/Kg	0.0035	0.037	1.0
Benzo[b]fluoranthene	0.070		mg/Kg	0.0082	0.037	1.0
Benzo[g,h,i]perylene	0.045		mg/Kg	0.0064	0.037	1.0
Benzo[k]fluoranthene	0.049		mg/Kg	0.0080	0.037	1.0
Bis(2-chloroethoxy)methane	<0.19		mg/Kg	0.023	0.19	1.0
Bis(2-chloroethyl)ether	<0.19		mg/Kg	0.024	0.19	1.0
Bis(2-ethylhexyl) phthalate	<0.19		mg/Kg	0.032	0.19	1.0
4-Bromophenyl phenyl ether	<0.19		mg/Kg	0.015	0.19	1.0
Butyl benzyl phthalate	<0.19		mg/Kg	0.017	0.19	1.0
Carbazole	<0.19		mg/Kg	0.014	0.19	1.0
4-Chloroaniline	<0.76		mg/Kg	0.14	0.76	1.0
4-Chloro-3-methylphenol	<0.37		mg/Kg	0.092	0.37	1.0
2-Chloronaphthalene	<0.19		mg/Kg	0.017	0.19	1.0
2-Chlorophenol	<0.19		mg/Kg	0.033	0.19	1.0
4-Chlorophenyl phenyl ether	<0.19		mg/Kg	0.016	0.19	1.0
Chrysene	0.075		mg/Kg	0.0059	0.037	1.0
Dibenz(a,h)anthracene	0.011	J	mg/Kg	0.0046	0.037	1.0
Dibenzofuran	<0.19		mg/Kg	0.014	0.19	1.0
1,2-Dichlorobenzene	<0.19		mg/Kg	0.019	0.19	1.0
1,3-Dichlorobenzene	<0.19		mg/Kg	0.019	0.19	1.0
1,4-Dichlorobenzene	<0.19		mg/Kg	0.020	0.19	1.0
3,3'-Dichlorobenzidine	<0.19		mg/Kg	0.055	0.19	1.0
2,4-Dichlorophenol	<0.37		mg/Kg	0.040	0.37	1.0
Diethyl phthalate	<0.19		mg/Kg	0.019	0.19	1.0
2,4-Dimethylphenol	<0.37		mg/Kg	0.069	0.37	1.0
Dimethyl phthalate	<0.19		mg/Kg	0.014	0.19	1.0
Di-n-butyl phthalate	<0.19		mg/Kg	0.015	0.19	1.0
4,6-Dinitro-2-methylphenol	<0.37		mg/Kg	0.045	0.37	1.0
2,4-Dinitrophenol	<0.76		mg/Kg	0.21	0.76	1.0
2,4-Dinitrotoluene	<0.19		mg/Kg	0.020	0.19	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25814-SB-10@ 3'-4'
Lab Sample ID: 500-18278-11

Date Sampled: 04/15/2009 1145
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2,6-Dinitrotoluene	<0.19		mg/Kg	0.020	0.19	1.0
Di-n-octyl phthalate	<0.19		mg/Kg	0.017	0.19	1.0
Fluoranthene	0.091		mg/Kg	0.0048	0.037	1.0
Fluorene	<0.037		mg/Kg	0.0039	0.037	1.0
Hexachlorobenzene	<0.076		mg/Kg	0.0054	0.076	1.0
Hexachlorobutadiene	<0.19		mg/Kg	0.022	0.19	1.0
Hexachlorocyclopentadiene	<0.76		mg/Kg	0.13	0.76	1.0
Hexachloroethane	<0.19		mg/Kg	0.020	0.19	1.0
Indeno[1,2,3-cd]pyrene	0.043		mg/Kg	0.0048	0.037	1.0
Isophorone	<0.19		mg/Kg	0.015	0.19	1.0
2-Methylnaphthalene	<0.19		mg/Kg	0.021	0.19	1.0
2-Methylphenol	<0.19		mg/Kg	0.037	0.19	1.0
3 & 4 Methylphenol	<0.19		mg/Kg	0.035	0.19	1.0
Naphthalene	<0.037		mg/Kg	0.0038	0.037	1.0
2-Nitroaniline	<0.19		mg/Kg	0.021	0.19	1.0
3-Nitroaniline	<0.37		mg/Kg	0.073	0.37	1.0
4-Nitroaniline	<0.37		mg/Kg	0.080	0.37	1.0
Nitrobenzene	<0.037		mg/Kg	0.0069	0.037	1.0
2-Nitrophenol	<0.37		mg/Kg	0.046	0.37	1.0
4-Nitrophenol	<0.76		mg/Kg	0.065	0.76	1.0
N-Nitrosodi-n-propylamine	<0.19		mg/Kg	0.026	0.19	1.0
N-Nitrosodiphenylamine	<0.19	*	mg/Kg	0.011	0.19	1.0
2,2'-oxybis[1-chloropropane]	<0.19		mg/Kg	0.020	0.19	1.0
Pentachlorophenol	<0.76		mg/Kg	0.14	0.76	1.0
Phenanthrene	0.031	J	mg/Kg	0.0033	0.037	1.0
Phenol	<0.19		mg/Kg	0.033	0.19	1.0
Pyrene	0.079		mg/Kg	0.0044	0.037	1.0
1,2,4-Trichlorobenzene	<0.19		mg/Kg	0.018	0.19	1.0
2,4,5-Trichlorophenol	<0.37	*	mg/Kg	0.052	0.37	1.0
2,4,6-Trichlorophenol	<0.37		mg/Kg	0.038	0.37	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	63	%	33 - 114
2-Fluorophenol	57	%	25 - 111
Nitrobenzene-d5	65	%	21 - 116
Phenol-d5	69	%	31 - 110
Terphenyl-d14	79	%	48 - 146
2,4,6-Tribromophenol	91	%	32 - 138

Method: 6010B Date Analyzed: 04/20/2009 1142
Prep Method: 3050B Date Prepared: 04/17/2009 0844

Aluminum	8800	mg/Kg	1.9	21	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25814-SB-10@ 3'-4'
Lab Sample ID: 500-18278-11

Date Sampled: 04/15/2009 1145
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Antimony	0.54	J B	mg/Kg	0.31	2.1	1.0
Arsenic	5.0		mg/Kg	0.31	1.1	1.0
Barium	110		mg/Kg	0.034	1.1	1.0
Beryllium	0.42	J	mg/Kg	0.011	0.43	1.0
Cadmium	<0.21		mg/Kg	0.035	0.21	1.0
Calcium	9800	B	mg/Kg	0.91	11	1.0
Chromium	13	B	mg/Kg	0.093	1.1	1.0
Cobalt	7.4		mg/Kg	0.078	0.54	1.0
Copper	9.6		mg/Kg	0.48	1.1	1.0
Iron	15000	B	mg/Kg	2.1	11	1.0
Lead	32	B	mg/Kg	0.12	0.54	1.0
Magnesium	6400	B	mg/Kg	1.3	11	1.0
Manganese	630		mg/Kg	0.033	1.1	1.0
Nickel	12	B	mg/Kg	0.066	1.1	1.0
Potassium	1000		mg/Kg	6.5	54	1.0
Selenium	<1.1		mg/Kg	0.41	1.1	1.0
Silver	<0.54		mg/Kg	0.11	0.54	1.0
Sodium	280		mg/Kg	22	110	1.0
Thallium	<1.1		mg/Kg	0.35	1.1	1.0
Vanadium	25		mg/Kg	0.091	0.54	1.0
Zinc	46		mg/Kg	0.19	2.1	1.0
Method: 7471A			Date Analyzed:	04/17/2009 1326		
Prep Method: 7471A			Date Prepared:	04/17/2009 1100		
Mercury	0.070		mg/Kg	0.0080	0.020	1.0
Method: 9014			Date Analyzed:	04/21/2009 1610		
Prep Method: 9010B			Date Prepared:	04/21/2009 1140		
Cyanide, Total	<0.46		mg/Kg	0.12	0.46	1.0
Method: 9045C			Date Analyzed:	04/18/2009 1410		
pH	8.73		SU	0.200	0.200	1.0
Method: Moisture			Date Analyzed:	04/17/2009 0338		
Percent Moisture	16		%	0.10	0.10	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25815-SB-1@ 3'-4'
Lab Sample ID: 500-18278-12

Date Sampled: 04/15/2009 1330
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 83

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	04/22/2009 1558		
Prep Method: 5035			Date Prepared:	04/15/2009 1330		
Chloromethane	<0.0039		mg/Kg	0.0013	0.0039	1.0
Vinyl chloride	<0.0039	*	mg/Kg	0.0011	0.0039	1.0
Bromomethane	<0.0039		mg/Kg	0.0017	0.0039	1.0
Chloroethane	<0.0039		mg/Kg	0.00094	0.0039	1.0
1,1-Dichloroethene	<0.0039		mg/Kg	0.00069	0.0039	1.0
Acetone	0.0041		mg/Kg	0.0015	0.0039	1.0
Carbon disulfide	<0.0039		mg/Kg	0.00074	0.0039	1.0
Methylene Chloride	<0.0039		mg/Kg	0.00061	0.0039	1.0
trans-1,2-Dichloroethene	<0.0039		mg/Kg	0.00078	0.0039	1.0
Methyl tert-butyl ether	<0.0039		mg/Kg	0.0010	0.0039	1.0
1,1-Dichloroethane	<0.0039		mg/Kg	0.00075	0.0039	1.0
cis-1,2-Dichloroethene	<0.0039		mg/Kg	0.00075	0.0039	1.0
Methyl Ethyl Ketone	<0.0039		mg/Kg	0.0014	0.0039	1.0
Chloroform	<0.0039		mg/Kg	0.00077	0.0039	1.0
1,1,1-Trichloroethane	<0.0039		mg/Kg	0.00070	0.0039	1.0
Carbon tetrachloride	<0.0039		mg/Kg	0.00074	0.0039	1.0
Benzene	<0.0039		mg/Kg	0.00067	0.0039	1.0
1,2-Dichloroethane	<0.0039		mg/Kg	0.00086	0.0039	1.0
Trichloroethene	<0.0039		mg/Kg	0.00075	0.0039	1.0
1,2-Dichloropropane	<0.0039		mg/Kg	0.00074	0.0039	1.0
Bromodichloromethane	<0.0039		mg/Kg	0.00061	0.0039	1.0
cis-1,3-Dichloropropene	<0.0039		mg/Kg	0.00063	0.0039	1.0
methyl isobutyl ketone	<0.0039		mg/Kg	0.0012	0.0039	1.0
Toluene	<0.0039		mg/Kg	0.00069	0.0039	1.0
trans-1,3-Dichloropropene	<0.0039		mg/Kg	0.00075	0.0039	1.0
1,1,2-Trichloroethane	<0.0039		mg/Kg	0.0014	0.0039	1.0
Tetrachloroethene	<0.0039		mg/Kg	0.00063	0.0039	1.0
2-Hexanone	<0.0039		mg/Kg	0.00094	0.0039	1.0
Dibromochloromethane	<0.0039		mg/Kg	0.00065	0.0039	1.0
Chlorobenzene	<0.0039		mg/Kg	0.00053	0.0039	1.0
Ethylbenzene	<0.0039		mg/Kg	0.00056	0.0039	1.0
Xylenes, Total	<0.0078		mg/Kg	0.0012	0.0078	1.0
Styrene	<0.0039		mg/Kg	0.00059	0.0039	1.0
Bromoform	<0.0039		mg/Kg	0.00078	0.0039	1.0
1,1,2,2-Tetrachloroethane	<0.0039		mg/Kg	0.00094	0.0039	1.0
1,3-Dichloropropene, Total	<0.0039		mg/Kg	0.00075	0.0039	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	126	%	75 - 140

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25815-SB-1@ 3'-4'
Lab Sample ID: 500-18278-12

Date Sampled: 04/15/2009 1330
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 83

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Toluene-d8 (Surr)	117		%		75 - 130	
4-Bromofluorobenzene (Surr)	103		%		75 - 120	
Dibromofluoromethane	136		%		75 - 140	
Method: 8270C			Date Analyzed:	04/28/2009 2014		
Prep Method: 3541			Date Prepared:	04/17/2009 0812		
Acenaphthene	0.030	J	mg/Kg	0.0050	0.039	1.0
Acenaphthylene	0.040		mg/Kg	0.0042	0.039	1.0
Anthracene	0.091		mg/Kg	0.0047	0.039	1.0
Benzo[a]anthracene	0.41		mg/Kg	0.0050	0.039	1.0
Benzo[a]pyrene	0.37		mg/Kg	0.0037	0.039	1.0
Benzo[b]fluoranthene	0.44		mg/Kg	0.0087	0.039	1.0
Benzo[g,h,i]perylene	0.28		mg/Kg	0.0068	0.039	1.0
Benzo[k]fluoranthene	0.23		mg/Kg	0.0085	0.039	1.0
Bis(2-chloroethoxy)methane	<0.20		mg/Kg	0.024	0.20	1.0
Bis(2-chloroethyl)ether	<0.20		mg/Kg	0.026	0.20	1.0
Bis(2-ethylhexyl) phthalate	<0.20		mg/Kg	0.034	0.20	1.0
4-Bromophenyl phenyl ether	<0.20		mg/Kg	0.016	0.20	1.0
Butyl benzyl phthalate	<0.20		mg/Kg	0.018	0.20	1.0
Carbazole	0.051	J	mg/Kg	0.015	0.20	1.0
4-Chloroaniline	<0.80		mg/Kg	0.15	0.80	1.0
4-Chloro-3-methylphenol	<0.39		mg/Kg	0.097	0.39	1.0
2-Chloronaphthalene	<0.20		mg/Kg	0.018	0.20	1.0
2-Chlorophenol	<0.20		mg/Kg	0.035	0.20	1.0
4-Chlorophenyl phenyl ether	<0.20		mg/Kg	0.016	0.20	1.0
Chrysene	0.38		mg/Kg	0.0062	0.039	1.0
Dibenz(a,h)anthracene	0.060		mg/Kg	0.0049	0.039	1.0
Dibenzofuran	<0.20		mg/Kg	0.015	0.20	1.0
1,2-Dichlorobenzene	<0.20		mg/Kg	0.020	0.20	1.0
1,3-Dichlorobenzene	<0.20		mg/Kg	0.021	0.20	1.0
1,4-Dichlorobenzene	<0.20		mg/Kg	0.022	0.20	1.0
3,3'-Dichlorobenzidine	<0.20		mg/Kg	0.058	0.20	1.0
2,4-Dichlorophenol	<0.39		mg/Kg	0.042	0.39	1.0
Diethyl phthalate	<0.20		mg/Kg	0.020	0.20	1.0
2,4-Dimethylphenol	<0.39		mg/Kg	0.073	0.39	1.0
Dimethyl phthalate	<0.20		mg/Kg	0.015	0.20	1.0
Di-n-butyl phthalate	<0.20		mg/Kg	0.016	0.20	1.0
4,6-Dinitro-2-methylphenol	<0.39		mg/Kg	0.048	0.39	1.0
2,4-Dinitrophenol	<0.80		mg/Kg	0.22	0.80	1.0
2,4-Dinitrotoluene	<0.20		mg/Kg	0.021	0.20	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25815-SB-1@ 3'-4'
Lab Sample ID: 500-18278-12

Date Sampled: 04/15/2009 1330
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 83

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2,6-Dinitrotoluene	<0.20		mg/Kg	0.021	0.20	1.0
Di-n-octyl phthalate	<0.20		mg/Kg	0.018	0.20	1.0
Fluoranthene	0.79		mg/Kg	0.0051	0.039	1.0
Fluorene	0.036	J	mg/Kg	0.0042	0.039	1.0
Hexachlorobenzene	<0.080		mg/Kg	0.0057	0.080	1.0
Hexachlorobutadiene	<0.20		mg/Kg	0.023	0.20	1.0
Hexachlorocyclopentadiene	<0.80		mg/Kg	0.13	0.80	1.0
Hexachloroethane	<0.20		mg/Kg	0.021	0.20	1.0
Indeno[1,2,3-cd]pyrene	0.23		mg/Kg	0.0051	0.039	1.0
Isophorone	<0.20		mg/Kg	0.016	0.20	1.0
2-Methylnaphthalene	<0.20		mg/Kg	0.023	0.20	1.0
2-Methylphenol	<0.20		mg/Kg	0.039	0.20	1.0
3 & 4 Methylphenol	<0.20		mg/Kg	0.037	0.20	1.0
Naphthalene	0.023	J	mg/Kg	0.0041	0.039	1.0
2-Nitroaniline	<0.20		mg/Kg	0.022	0.20	1.0
3-Nitroaniline	<0.39		mg/Kg	0.078	0.39	1.0
4-Nitroaniline	<0.39		mg/Kg	0.085	0.39	1.0
Nitrobenzene	<0.039		mg/Kg	0.0073	0.039	1.0
2-Nitrophenol	<0.39		mg/Kg	0.048	0.39	1.0
4-Nitrophenol	<0.80		mg/Kg	0.069	0.80	1.0
N-Nitrosodi-n-propylamine	<0.20		mg/Kg	0.028	0.20	1.0
N-Nitrosodiphenylamine	<0.20	*	mg/Kg	0.012	0.20	1.0
2,2'-oxybis[1-chloropropane]	<0.20		mg/Kg	0.021	0.20	1.0
Pentachlorophenol	<0.80		mg/Kg	0.15	0.80	1.0
Phenanthrene	0.42		mg/Kg	0.0035	0.039	1.0
Phenol	<0.20		mg/Kg	0.035	0.20	1.0
Pyrene	0.62		mg/Kg	0.0047	0.039	1.0
1,2,4-Trichlorobenzene	<0.20		mg/Kg	0.020	0.20	1.0
2,4,5-Trichlorophenol	<0.39	*	mg/Kg	0.055	0.39	1.0
2,4,6-Trichlorophenol	<0.39		mg/Kg	0.040	0.39	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	55	%	33 - 114
2-Fluorophenol	41	%	25 - 111
Nitrobenzene-d5	52	%	21 - 116
Phenol-d5	54	%	31 - 110
Terphenyl-d14	73	%	48 - 146
2,4,6-Tribromophenol	89	%	32 - 138

Method: 6010B Date Analyzed: 04/20/2009 1148
Prep Method: 3050B Date Prepared: 04/17/2009 0844

Aluminum	7200	mg/Kg	2.0	23	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25815-SB-1@ 3'-4'
Lab Sample ID: 500-18278-12

Date Sampled: 04/15/2009 1330
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 83

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Antimony	0.58	J B	mg/Kg	0.33	2.3	1.0
Arsenic	5.5		mg/Kg	0.33	1.1	1.0
Barium	86		mg/Kg	0.036	1.1	1.0
Beryllium	0.38	J	mg/Kg	0.011	0.45	1.0
Cadmium	0.25		mg/Kg	0.037	0.23	1.0
Calcium	20000	B	mg/Kg	0.97	11	1.0
Chromium	11	B	mg/Kg	0.099	1.1	1.0
Cobalt	6.2		mg/Kg	0.083	0.57	1.0
Copper	16		mg/Kg	0.51	1.1	1.0
Iron	13000	B	mg/Kg	2.3	11	1.0
Lead	220	B	mg/Kg	0.12	0.57	1.0
Magnesium	12000	B	mg/Kg	1.4	11	1.0
Manganese	610		mg/Kg	0.035	1.1	1.0
Nickel	9.7	B	mg/Kg	0.070	1.1	1.0
Potassium	1100		mg/Kg	6.9	57	1.0
Selenium	<1.1		mg/Kg	0.43	1.1	1.0
Silver	<0.57		mg/Kg	0.11	0.57	1.0
Sodium	210		mg/Kg	23	110	1.0
Thallium	<1.1		mg/Kg	0.37	1.1	1.0
Vanadium	21		mg/Kg	0.097	0.57	1.0
Zinc	62		mg/Kg	0.20	2.3	1.0
Method: 7471A			Date Analyzed:	04/17/2009 1328		
Prep Method: 7471A			Date Prepared:	04/17/2009 1100		
Mercury	0.42		mg/Kg	0.0082	0.020	1.0
Method: 9014			Date Analyzed:	04/21/2009 1610		
Prep Method: 9010B			Date Prepared:	04/21/2009 1140		
Cyanide, Total	<0.43		mg/Kg	0.11	0.43	1.0
Method: 9045C			Date Analyzed:	04/18/2009 1415		
pH	8.72		SU	0.200	0.200	1.0
Method: Moisture			Date Analyzed:	04/17/2009 0338		
Percent Moisture	17		%	0.10	0.10	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25816-SB-2@ 3'-4'
Lab Sample ID: 500-18278-13

Date Sampled: 04/15/2009 1340
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 81

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	04/22/2009 1019		
Prep Method: 5035			Date Prepared:	04/15/2009 1340		
Chloromethane	<0.0030		mg/Kg	0.00097	0.0030	1.0
Vinyl chloride	<0.0030	*	mg/Kg	0.00085	0.0030	1.0
Bromomethane	<0.0030		mg/Kg	0.0013	0.0030	1.0
Chloroethane	<0.0030		mg/Kg	0.00073	0.0030	1.0
1,1-Dichloroethene	<0.0030		mg/Kg	0.00053	0.0030	1.0
Acetone	<0.0030		mg/Kg	0.0012	0.0030	1.0
Carbon disulfide	<0.0030		mg/Kg	0.00057	0.0030	1.0
Methylene Chloride	<0.0030		mg/Kg	0.00047	0.0030	1.0
trans-1,2-Dichloroethene	<0.0030		mg/Kg	0.00061	0.0030	1.0
Methyl tert-butyl ether	<0.0030		mg/Kg	0.00079	0.0030	1.0
1,1-Dichloroethane	<0.0030		mg/Kg	0.00058	0.0030	1.0
cis-1,2-Dichloroethene	<0.0030		mg/Kg	0.00058	0.0030	1.0
Methyl Ethyl Ketone	<0.0030		mg/Kg	0.0011	0.0030	1.0
Chloroform	<0.0030		mg/Kg	0.00059	0.0030	1.0
1,1,1-Trichloroethane	<0.0030		mg/Kg	0.00054	0.0030	1.0
Carbon tetrachloride	<0.0030		mg/Kg	0.00057	0.0030	1.0
Benzene	<0.0030		mg/Kg	0.00051	0.0030	1.0
1,2-Dichloroethane	<0.0030		mg/Kg	0.00067	0.0030	1.0
Trichloroethene	<0.0030		mg/Kg	0.00058	0.0030	1.0
1,2-Dichloropropane	<0.0030		mg/Kg	0.00057	0.0030	1.0
Bromodichloromethane	<0.0030		mg/Kg	0.00047	0.0030	1.0
cis-1,3-Dichloropropene	<0.0030		mg/Kg	0.00048	0.0030	1.0
methyl isobutyl ketone	<0.0030		mg/Kg	0.00091	0.0030	1.0
Toluene	<0.0030		mg/Kg	0.00053	0.0030	1.0
trans-1,3-Dichloropropene	<0.0030		mg/Kg	0.00058	0.0030	1.0
1,1,2-Trichloroethane	<0.0030		mg/Kg	0.0011	0.0030	1.0
Tetrachloroethene	<0.0030		mg/Kg	0.00048	0.0030	1.0
2-Hexanone	<0.0030		mg/Kg	0.00073	0.0030	1.0
Dibromochloromethane	<0.0030		mg/Kg	0.00050	0.0030	1.0
Chlorobenzene	<0.0030		mg/Kg	0.00041	0.0030	1.0
Ethylbenzene	<0.0030		mg/Kg	0.00043	0.0030	1.0
Xylenes, Total	<0.0061		mg/Kg	0.00091	0.0061	1.0
Styrene	<0.0030		mg/Kg	0.00045	0.0030	1.0
Bromoform	<0.0030		mg/Kg	0.00061	0.0030	1.0
1,1,2,2-Tetrachloroethane	<0.0030		mg/Kg	0.00073	0.0030	1.0
1,3-Dichloropropene, Total	<0.0030		mg/Kg	0.00058	0.0030	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	123	%	75 - 140

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25816-SB-2@ 3'-4'
Lab Sample ID: 500-18278-13

Date Sampled: 04/15/2009 1340
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 81

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Toluene-d8 (Surr)	110		%		75 - 130	
4-Bromofluorobenzene (Surr)	101		%		75 - 120	
Dibromofluoromethane	123		%		75 - 140	
Method: 8270C			Date Analyzed:	04/28/2009 2034		
Prep Method: 3541			Date Prepared:	04/17/2009 0812		
Acenaphthene	<0.040		mg/Kg	0.0052	0.040	1.0
Acenaphthylene	0.023	J	mg/Kg	0.0043	0.040	1.0
Anthracene	0.040	J	mg/Kg	0.0048	0.040	1.0
Benzo[a]anthracene	0.20		mg/Kg	0.0052	0.040	1.0
Benzo[a]pyrene	0.21		mg/Kg	0.0038	0.040	1.0
Benzo[b]fluoranthene	0.23		mg/Kg	0.0090	0.040	1.0
Benzo[g,h,i]perylene	0.16		mg/Kg	0.0070	0.040	1.0
Benzo[k]fluoranthene	0.14		mg/Kg	0.0087	0.040	1.0
Bis(2-chloroethoxy)methane	<0.20		mg/Kg	0.025	0.20	1.0
Bis(2-chloroethyl)ether	<0.20		mg/Kg	0.027	0.20	1.0
Bis(2-ethylhexyl) phthalate	<0.20		mg/Kg	0.035	0.20	1.0
4-Bromophenyl phenyl ether	<0.20		mg/Kg	0.016	0.20	1.0
Butyl benzyl phthalate	<0.20		mg/Kg	0.018	0.20	1.0
Carbazole	<0.20		mg/Kg	0.015	0.20	1.0
4-Chloroaniline	<0.82		mg/Kg	0.16	0.82	1.0
4-Chloro-3-methylphenol	<0.40		mg/Kg	0.10	0.40	1.0
2-Chloronaphthalene	<0.20		mg/Kg	0.019	0.20	1.0
2-Chlorophenol	<0.20		mg/Kg	0.036	0.20	1.0
4-Chlorophenyl phenyl ether	<0.20		mg/Kg	0.017	0.20	1.0
Chrysene	0.20		mg/Kg	0.0064	0.040	1.0
Dibenz(a,h)anthracene	0.034	J	mg/Kg	0.0050	0.040	1.0
Dibenzofuran	<0.20		mg/Kg	0.015	0.20	1.0
1,2-Dichlorobenzene	<0.20		mg/Kg	0.020	0.20	1.0
1,3-Dichlorobenzene	<0.20		mg/Kg	0.021	0.20	1.0
1,4-Dichlorobenzene	<0.20		mg/Kg	0.022	0.20	1.0
3,3'-Dichlorobenzidine	<0.20		mg/Kg	0.060	0.20	1.0
2,4-Dichlorophenol	<0.40		mg/Kg	0.044	0.40	1.0
Diethyl phthalate	<0.20		mg/Kg	0.021	0.20	1.0
2,4-Dimethylphenol	<0.40		mg/Kg	0.075	0.40	1.0
Dimethyl phthalate	<0.20		mg/Kg	0.016	0.20	1.0
Di-n-butyl phthalate	<0.20		mg/Kg	0.016	0.20	1.0
4,6-Dinitro-2-methylphenol	<0.40		mg/Kg	0.049	0.40	1.0
2,4-Dinitrophenol	<0.82		mg/Kg	0.22	0.82	1.0
2,4-Dinitrotoluene	<0.20		mg/Kg	0.022	0.20	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25816-SB-2@ 3'-4'
Lab Sample ID: 500-18278-13

Date Sampled: 04/15/2009 1340
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 81

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2,6-Dinitrotoluene	<0.20		mg/Kg	0.022	0.20	1.0
Di-n-octyl phthalate	<0.20		mg/Kg	0.018	0.20	1.0
Fluoranthene	0.36		mg/Kg	0.0053	0.040	1.0
Fluorene	0.0082	J	mg/Kg	0.0043	0.040	1.0
Hexachlorobenzene	<0.082		mg/Kg	0.0059	0.082	1.0
Hexachlorobutadiene	<0.20		mg/Kg	0.024	0.20	1.0
Hexachlorocyclopentadiene	<0.82		mg/Kg	0.14	0.82	1.0
Hexachloroethane	<0.20		mg/Kg	0.022	0.20	1.0
Indeno[1,2,3-cd]pyrene	0.14		mg/Kg	0.0053	0.040	1.0
Isophorone	<0.20		mg/Kg	0.017	0.20	1.0
2-Methylnaphthalene	<0.20		mg/Kg	0.023	0.20	1.0
2-Methylphenol	<0.20		mg/Kg	0.040	0.20	1.0
3 & 4 Methylphenol	<0.20		mg/Kg	0.038	0.20	1.0
Naphthalene	0.016	J	mg/Kg	0.0042	0.040	1.0
2-Nitroaniline	<0.20		mg/Kg	0.022	0.20	1.0
3-Nitroaniline	<0.40		mg/Kg	0.080	0.40	1.0
4-Nitroaniline	<0.40		mg/Kg	0.087	0.40	1.0
Nitrobenzene	<0.040		mg/Kg	0.0075	0.040	1.0
2-Nitrophenol	<0.40		mg/Kg	0.050	0.40	1.0
4-Nitrophenol	<0.82		mg/Kg	0.071	0.82	1.0
N-Nitrosodi-n-propylamine	<0.20		mg/Kg	0.028	0.20	1.0
N-Nitrosodiphenylamine	<0.20	*	mg/Kg	0.012	0.20	1.0
2,2'-oxybis[1-chloropropane]	<0.20		mg/Kg	0.021	0.20	1.0
Pentachlorophenol	<0.82		mg/Kg	0.15	0.82	1.0
Phenanthrene	0.17		mg/Kg	0.0036	0.040	1.0
Phenol	<0.20		mg/Kg	0.036	0.20	1.0
Pyrene	0.32		mg/Kg	0.0048	0.040	1.0
1,2,4-Trichlorobenzene	<0.20		mg/Kg	0.020	0.20	1.0
2,4,5-Trichlorophenol	<0.40	*	mg/Kg	0.057	0.40	1.0
2,4,6-Trichlorophenol	<0.40		mg/Kg	0.041	0.40	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	67	%	33 - 114
2-Fluorophenol	47	%	25 - 111
Nitrobenzene-d5	62	%	21 - 116
Phenol-d5	63	%	31 - 110
Terphenyl-d14	83	%	48 - 146
2,4,6-Tribromophenol	93	%	32 - 138

Method: 6010B Date Analyzed: 04/20/2009 1155
Prep Method: 3050B Date Prepared: 04/17/2009 0844

Aluminum	6300	mg/Kg	2.0	22	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25816-SB-2@ 3'-4'
Lab Sample ID: 500-18278-13

Date Sampled: 04/15/2009 1340
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 81

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Antimony	0.62	J B	mg/Kg	0.33	2.2	1.0
Arsenic	4.1		mg/Kg	0.33	1.1	1.0
Barium	110		mg/Kg	0.036	1.1	1.0
Beryllium	0.41	J	mg/Kg	0.011	0.45	1.0
Cadmium	0.22	J	mg/Kg	0.037	0.22	1.0
Calcium	37000	B	mg/Kg	0.95	11	1.0
Chromium	11	B	mg/Kg	0.098	1.1	1.0
Cobalt	5.6		mg/Kg	0.082	0.56	1.0
Copper	78		mg/Kg	0.51	1.1	1.0
Iron	13000	B	mg/Kg	2.2	11	1.0
Lead	88	B	mg/Kg	0.12	0.56	1.0
Magnesium	20000	B	mg/Kg	1.3	11	1.0
Manganese	710		mg/Kg	0.035	1.1	1.0
Nickel	9.6	B V	mg/Kg	0.070	1.1	1.0
Potassium	1000	V	mg/Kg	6.8	56	1.0
Selenium	<1.1		mg/Kg	0.43	1.1	1.0
Silver	<0.56		mg/Kg	0.11	0.56	1.0
Sodium	280		mg/Kg	23	110	1.0
Thallium	<1.1		mg/Kg	0.37	1.1	1.0
Vanadium	19		mg/Kg	0.095	0.56	1.0
Zinc	90	V	mg/Kg	0.20	2.2	1.0
Method: 7471A			Date Analyzed:	04/17/2009 1330		
Prep Method: 7471A			Date Prepared:	04/17/2009 1100		
Mercury	0.12		mg/Kg	0.0083	0.021	1.0
Method: 9014			Date Analyzed:	04/21/2009 1611		
Prep Method: 9010B			Date Prepared:	04/21/2009 1140		
Cyanide, Total	<0.51		mg/Kg	0.13	0.51	1.0
Method: 9045C			Date Analyzed:	04/18/2009 1420		
pH	7.60		SU	0.200	0.200	1.0
Method: Moisture			Date Analyzed:	04/17/2009 0338		
Percent Moisture	19		%	0.10	0.10	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25817-SB-3@ 3'-4'
Lab Sample ID: 500-18278-14

Date Sampled: 04/15/2009 1405
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 82

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	04/22/2009 1624		
Prep Method: 5035			Date Prepared:	04/15/2009 1405		
Chloromethane	<0.0038		mg/Kg	0.0012	0.0038	1.0
Vinyl chloride	<0.0038	*	mg/Kg	0.0011	0.0038	1.0
Bromomethane	<0.0038		mg/Kg	0.0017	0.0038	1.0
Chloroethane	<0.0038		mg/Kg	0.00091	0.0038	1.0
1,1-Dichloroethene	<0.0038		mg/Kg	0.00067	0.0038	1.0
Acetone	<0.0038		mg/Kg	0.0014	0.0038	1.0
Carbon disulfide	<0.0038		mg/Kg	0.00072	0.0038	1.0
Methylene Chloride	<0.0038		mg/Kg	0.00059	0.0038	1.0
trans-1,2-Dichloroethene	<0.0038		mg/Kg	0.00076	0.0038	1.0
Methyl tert-butyl ether	<0.0038		mg/Kg	0.00099	0.0038	1.0
1,1-Dichloroethane	<0.0038		mg/Kg	0.00073	0.0038	1.0
cis-1,2-Dichloroethene	<0.0038		mg/Kg	0.00073	0.0038	1.0
Methyl Ethyl Ketone	<0.0038		mg/Kg	0.0014	0.0038	1.0
Chloroform	<0.0038		mg/Kg	0.00075	0.0038	1.0
1,1,1-Trichloroethane	<0.0038		mg/Kg	0.00068	0.0038	1.0
Carbon tetrachloride	<0.0038		mg/Kg	0.00072	0.0038	1.0
Benzene	<0.0038		mg/Kg	0.00065	0.0038	1.0
1,2-Dichloroethane	<0.0038		mg/Kg	0.00084	0.0038	1.0
Trichloroethene	<0.0038		mg/Kg	0.00073	0.0038	1.0
1,2-Dichloropropane	<0.0038		mg/Kg	0.00072	0.0038	1.0
Bromodichloromethane	<0.0038		mg/Kg	0.00059	0.0038	1.0
cis-1,3-Dichloropropene	<0.0038		mg/Kg	0.00061	0.0038	1.0
methyl isobutyl ketone	<0.0038		mg/Kg	0.0011	0.0038	1.0
Toluene	<0.0038		mg/Kg	0.00067	0.0038	1.0
trans-1,3-Dichloropropene	<0.0038		mg/Kg	0.00073	0.0038	1.0
1,1,2-Trichloroethane	<0.0038		mg/Kg	0.0014	0.0038	1.0
Tetrachloroethene	<0.0038		mg/Kg	0.00061	0.0038	1.0
2-Hexanone	<0.0038		mg/Kg	0.00091	0.0038	1.0
Dibromochloromethane	<0.0038		mg/Kg	0.00063	0.0038	1.0
Chlorobenzene	<0.0038		mg/Kg	0.00052	0.0038	1.0
Ethylbenzene	<0.0038		mg/Kg	0.00054	0.0038	1.0
Xylenes, Total	<0.0076		mg/Kg	0.0011	0.0076	1.0
Styrene	<0.0038		mg/Kg	0.00057	0.0038	1.0
Bromoform	<0.0038		mg/Kg	0.00076	0.0038	1.0
1,1,2,2-Tetrachloroethane	<0.0038		mg/Kg	0.00091	0.0038	1.0
1,3-Dichloropropene, Total	<0.0038		mg/Kg	0.00073	0.0038	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122	%	75 - 140

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25817-SB-3@ 3'-4'
Lab Sample ID: 500-18278-14

Date Sampled: 04/15/2009 1405
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 82

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	111	%		75 - 130	
4-Bromofluorobenzene (Surr)	100	%		75 - 120	
Dibromofluoromethane	132	%		75 - 140	
Method: 8270C		Date Analyzed:	04/28/2009 2055		
Prep Method: 3541		Date Prepared:	04/17/2009 0812		
Acenaphthene	<0.040	mg/Kg	0.0051	0.040	1.0
Acenaphthylene	<0.040	mg/Kg	0.0042	0.040	1.0
Anthracene	<0.040	mg/Kg	0.0047	0.040	1.0
Benzo[a]anthracene	<0.040	mg/Kg	0.0051	0.040	1.0
Benzo[a]pyrene	<0.040	mg/Kg	0.0038	0.040	1.0
Benzo[b]fluoranthene	<0.040	mg/Kg	0.0089	0.040	1.0
Benzo[g,h,i]perylene	<0.040	mg/Kg	0.0069	0.040	1.0
Benzo[k]fluoranthene	<0.040	mg/Kg	0.0086	0.040	1.0
Bis(2-chloroethoxy)methane	<0.20	mg/Kg	0.025	0.20	1.0
Bis(2-chloroethyl)ether	<0.20	mg/Kg	0.026	0.20	1.0
Bis(2-ethylhexyl) phthalate	0.81	mg/Kg	0.034	0.20	1.0
4-Bromophenyl phenyl ether	<0.20	mg/Kg	0.016	0.20	1.0
Butyl benzyl phthalate	<0.20	mg/Kg	0.018	0.20	1.0
Carbazole	<0.20	mg/Kg	0.015	0.20	1.0
4-Chloroaniline	<0.81	mg/Kg	0.16	0.81	1.0
4-Chloro-3-methylphenol	<0.40	mg/Kg	0.099	0.40	1.0
2-Chloronaphthalene	<0.20	mg/Kg	0.018	0.20	1.0
2-Chlorophenol	<0.20	mg/Kg	0.035	0.20	1.0
4-Chlorophenyl phenyl ether	<0.20	mg/Kg	0.017	0.20	1.0
Chrysene	<0.040	mg/Kg	0.0063	0.040	1.0
Dibenz(a,h)anthracene	<0.040	mg/Kg	0.0050	0.040	1.0
Dibenzofuran	<0.20	mg/Kg	0.015	0.20	1.0
1,2-Dichlorobenzene	<0.20	mg/Kg	0.020	0.20	1.0
1,3-Dichlorobenzene	<0.20	mg/Kg	0.021	0.20	1.0
1,4-Dichlorobenzene	<0.20	mg/Kg	0.022	0.20	1.0
3,3'-Dichlorobenzidine	<0.20	mg/Kg	0.059	0.20	1.0
2,4-Dichlorophenol	<0.40	mg/Kg	0.043	0.40	1.0
Diethyl phthalate	<0.20	mg/Kg	0.021	0.20	1.0
2,4-Dimethylphenol	<0.40	mg/Kg	0.074	0.40	1.0
Dimethyl phthalate	<0.20	mg/Kg	0.016	0.20	1.0
Di-n-butyl phthalate	<0.20	mg/Kg	0.016	0.20	1.0
4,6-Dinitro-2-methylphenol	<0.40	mg/Kg	0.049	0.40	1.0
2,4-Dinitrophenol	<0.81	mg/Kg	0.22	0.81	1.0
2,4-Dinitrotoluene	<0.20	mg/Kg	0.022	0.20	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25817-SB-3@ 3'-4'
Lab Sample ID: 500-18278-14

Date Sampled: 04/15/2009 1405
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 82

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2,6-Dinitrotoluene	<0.20		mg/Kg	0.021	0.20	1.0
Di-n-octyl phthalate	<0.20		mg/Kg	0.018	0.20	1.0
Fluoranthene	<0.040		mg/Kg	0.0052	0.040	1.0
Fluorene	<0.040		mg/Kg	0.0042	0.040	1.0
Hexachlorobenzene	<0.081		mg/Kg	0.0058	0.081	1.0
Hexachlorobutadiene	<0.20		mg/Kg	0.023	0.20	1.0
Hexachlorocyclopentadiene	<0.81		mg/Kg	0.14	0.81	1.0
Hexachloroethane	<0.20		mg/Kg	0.021	0.20	1.0
Indeno[1,2,3-cd]pyrene	<0.040		mg/Kg	0.0052	0.040	1.0
Isophorone	<0.20		mg/Kg	0.016	0.20	1.0
2-Methylnaphthalene	<0.20		mg/Kg	0.023	0.20	1.0
2-Methylphenol	<0.20		mg/Kg	0.040	0.20	1.0
3 & 4 Methylphenol	<0.20		mg/Kg	0.037	0.20	1.0
Naphthalene	<0.040		mg/Kg	0.0041	0.040	1.0
2-Nitroaniline	<0.20		mg/Kg	0.022	0.20	1.0
3-Nitroaniline	<0.40		mg/Kg	0.079	0.40	1.0
4-Nitroaniline	<0.40		mg/Kg	0.087	0.40	1.0
Nitrobenzene	<0.040		mg/Kg	0.0074	0.040	1.0
2-Nitrophenol	<0.40		mg/Kg	0.049	0.40	1.0
4-Nitrophenol	<0.81		mg/Kg	0.070	0.81	1.0
N-Nitrosodi-n-propylamine	<0.20		mg/Kg	0.028	0.20	1.0
N-Nitrosodiphenylamine	<0.20	*	mg/Kg	0.012	0.20	1.0
2,2'-oxybis[1-chloropropane]	<0.20		mg/Kg	0.021	0.20	1.0
Pentachlorophenol	<0.81		mg/Kg	0.15	0.81	1.0
Phenanthrene	<0.040		mg/Kg	0.0035	0.040	1.0
Phenol	<0.20		mg/Kg	0.036	0.20	1.0
Pyrene	<0.040		mg/Kg	0.0047	0.040	1.0
1,2,4-Trichlorobenzene	<0.20		mg/Kg	0.020	0.20	1.0
2,4,5-Trichlorophenol	<0.40	*	mg/Kg	0.056	0.40	1.0
2,4,6-Trichlorophenol	<0.40		mg/Kg	0.041	0.40	1.0

Surrogate				Acceptance Limits
2-Fluorobiphenyl	31	X	%	33 - 114
2-Fluorophenol	52		%	25 - 111
Nitrobenzene-d5	42		%	21 - 116
Phenol-d5	53		%	31 - 110
Terphenyl-d14	74		%	48 - 146
2,4,6-Tribromophenol	86		%	32 - 138

Method: 6010B Date Analyzed: 04/20/2009 1226
Prep Method: 3050B Date Prepared: 04/17/2009 0844

Aluminum	8900		mg/Kg	2.0	22	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25817-SB-3@ 3'-4'
Lab Sample ID: 500-18278-14

Date Sampled: 04/15/2009 1405
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 82

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Antimony	0.47	J B	mg/Kg	0.32	2.2	1.0
Arsenic	4.5		mg/Kg	0.32	1.1	1.0
Barium	87		mg/Kg	0.035	1.1	1.0
Beryllium	0.42	J	mg/Kg	0.011	0.44	1.0
Cadmium	<0.22		mg/Kg	0.036	0.22	1.0
Calcium	1600	B	mg/Kg	0.93	11	1.0
Chromium	13	B	mg/Kg	0.095	1.1	1.0
Cobalt	9.2		mg/Kg	0.080	0.55	1.0
Copper	6.8		mg/Kg	0.49	1.1	1.0
Iron	13000	B	mg/Kg	2.2	11	1.0
Lead	13	B	mg/Kg	0.12	0.55	1.0
Magnesium	1900	B	mg/Kg	1.3	11	1.0
Manganese	750		mg/Kg	0.034	1.1	1.0
Nickel	11	B	mg/Kg	0.068	1.1	1.0
Potassium	1000		mg/Kg	6.7	55	1.0
Selenium	<1.1		mg/Kg	0.42	1.1	1.0
Silver	<0.55		mg/Kg	0.11	0.55	1.0
Sodium	940		mg/Kg	22	110	1.0
Thallium	<1.1		mg/Kg	0.36	1.1	1.0
Vanadium	26		mg/Kg	0.093	0.55	1.0
Zinc	32		mg/Kg	0.20	2.2	1.0
Method: 7471A			Date Analyzed:	04/17/2009 1344		
Prep Method: 7471A			Date Prepared:	04/17/2009 1100		
Mercury	0.032		mg/Kg	0.0082	0.020	1.0
Method: 9014			Date Analyzed:	04/21/2009 1612		
Prep Method: 9010B			Date Prepared:	04/21/2009 1140		
Cyanide, Total	<0.49		mg/Kg	0.12	0.49	1.0
Method: 9045C			Date Analyzed:	04/18/2009 1430		
pH	9.13		SU	0.200	0.200	1.0
Method: Moisture			Date Analyzed:	04/17/2009 0338		
Percent Moisture	18		%	0.10	0.10	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25818-SB-4@ 2'-3'
Lab Sample ID: 500-18278-15

Date Sampled: 04/15/2009 1420
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 81

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	04/22/2009 1649		
Prep Method: 5035			Date Prepared:	04/15/2009 1420		
Chloromethane	<0.0025		mg/Kg	0.00080	0.0025	1.0
Vinyl chloride	<0.0025	*	mg/Kg	0.00070	0.0025	1.0
Bromomethane	<0.0025		mg/Kg	0.0011	0.0025	1.0
Chloroethane	<0.0025		mg/Kg	0.00060	0.0025	1.0
1,1-Dichloroethene	<0.0025		mg/Kg	0.00044	0.0025	1.0
Acetone	<0.0025		mg/Kg	0.00095	0.0025	1.0
Carbon disulfide	<0.0025		mg/Kg	0.00047	0.0025	1.0
Methylene Chloride	<0.0025		mg/Kg	0.00039	0.0025	1.0
trans-1,2-Dichloroethene	<0.0025		mg/Kg	0.00050	0.0025	1.0
Methyl tert-butyl ether	<0.0025		mg/Kg	0.00065	0.0025	1.0
1,1-Dichloroethane	<0.0025		mg/Kg	0.00048	0.0025	1.0
cis-1,2-Dichloroethene	<0.0025		mg/Kg	0.00048	0.0025	1.0
Methyl Ethyl Ketone	<0.0025		mg/Kg	0.00090	0.0025	1.0
Chloroform	<0.0025		mg/Kg	0.00049	0.0025	1.0
1,1,1-Trichloroethane	<0.0025		mg/Kg	0.00044	0.0025	1.0
Carbon tetrachloride	<0.0025		mg/Kg	0.00047	0.0025	1.0
Benzene	<0.0025		mg/Kg	0.00042	0.0025	1.0
1,2-Dichloroethane	<0.0025		mg/Kg	0.00055	0.0025	1.0
Trichloroethene	<0.0025		mg/Kg	0.00048	0.0025	1.0
1,2-Dichloropropane	<0.0025		mg/Kg	0.00047	0.0025	1.0
Bromodichloromethane	<0.0025		mg/Kg	0.00039	0.0025	1.0
cis-1,3-Dichloropropene	<0.0025		mg/Kg	0.00040	0.0025	1.0
methyl isobutyl ketone	<0.0025		mg/Kg	0.00075	0.0025	1.0
Toluene	<0.0025		mg/Kg	0.00044	0.0025	1.0
trans-1,3-Dichloropropene	<0.0025		mg/Kg	0.00048	0.0025	1.0
1,1,2-Trichloroethane	<0.0025		mg/Kg	0.00090	0.0025	1.0
Tetrachloroethene	<0.0025		mg/Kg	0.00040	0.0025	1.0
2-Hexanone	<0.0025		mg/Kg	0.00060	0.0025	1.0
Dibromochloromethane	<0.0025		mg/Kg	0.00041	0.0025	1.0
Chlorobenzene	<0.0025		mg/Kg	0.00034	0.0025	1.0
Ethylbenzene	<0.0025		mg/Kg	0.00035	0.0025	1.0
Xylenes, Total	<0.0050		mg/Kg	0.00075	0.0050	1.0
Styrene	<0.0025		mg/Kg	0.00037	0.0025	1.0
Bromoform	<0.0025		mg/Kg	0.00050	0.0025	1.0
1,1,2,2-Tetrachloroethane	<0.0025		mg/Kg	0.00060	0.0025	1.0
1,3-Dichloropropene, Total	<0.0025		mg/Kg	0.00048	0.0025	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	124	%	75 - 140

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25818-SB-4@ 2'-3'
Lab Sample ID: 500-18278-15

Date Sampled: 04/15/2009 1420
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 81

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	112	%		75 - 130	
4-Bromofluorobenzene (Surr)	101	%		75 - 120	
Dibromofluoromethane	136	%		75 - 140	
Method: 8270C		Date Analyzed:	04/28/2009 2115		
Prep Method: 3541		Date Prepared:	04/17/2009 0812		
Acenaphthene	<0.039	mg/Kg	0.0049	0.039	1.0
Acenaphthylene	<0.039	mg/Kg	0.0041	0.039	1.0
Anthracene	<0.039	mg/Kg	0.0046	0.039	1.0
Benzo[a]anthracene	<0.039	mg/Kg	0.0049	0.039	1.0
Benzo[a]pyrene	<0.039	mg/Kg	0.0036	0.039	1.0
Benzo[b]fluoranthene	<0.039	mg/Kg	0.0086	0.039	1.0
Benzo[g,h,i]perylene	<0.039	mg/Kg	0.0067	0.039	1.0
Benzo[k]fluoranthene	<0.039	mg/Kg	0.0083	0.039	1.0
Bis(2-chloroethoxy)methane	<0.20	mg/Kg	0.024	0.20	1.0
Bis(2-chloroethyl)ether	<0.20	mg/Kg	0.025	0.20	1.0
Bis(2-ethylhexyl) phthalate	<0.20	mg/Kg	0.033	0.20	1.0
4-Bromophenyl phenyl ether	<0.20	mg/Kg	0.015	0.20	1.0
Butyl benzyl phthalate	<0.20	mg/Kg	0.017	0.20	1.0
Carbazole	<0.20	mg/Kg	0.015	0.20	1.0
4-Chloroaniline	<0.79	mg/Kg	0.15	0.79	1.0
4-Chloro-3-methylphenol	<0.39	mg/Kg	0.095	0.39	1.0
2-Chloronaphthalene	<0.20	mg/Kg	0.018	0.20	1.0
2-Chlorophenol	<0.20	mg/Kg	0.034	0.20	1.0
4-Chlorophenyl phenyl ether	<0.20	mg/Kg	0.016	0.20	1.0
Chrysene	<0.039	mg/Kg	0.0061	0.039	1.0
Dibenz(a,h)anthracene	<0.039	mg/Kg	0.0048	0.039	1.0
Dibenzofuran	<0.20	mg/Kg	0.015	0.20	1.0
1,2-Dichlorobenzene	<0.20	mg/Kg	0.019	0.20	1.0
1,3-Dichlorobenzene	<0.20	mg/Kg	0.020	0.20	1.0
1,4-Dichlorobenzene	<0.20	mg/Kg	0.021	0.20	1.0
3,3'-Dichlorobenzidine	<0.20	mg/Kg	0.057	0.20	1.0
2,4-Dichlorophenol	<0.39	mg/Kg	0.042	0.39	1.0
Diethyl phthalate	<0.20	mg/Kg	0.020	0.20	1.0
2,4-Dimethylphenol	<0.39	mg/Kg	0.072	0.39	1.0
Dimethyl phthalate	<0.20	mg/Kg	0.015	0.20	1.0
Di-n-butyl phthalate	<0.20	mg/Kg	0.015	0.20	1.0
4,6-Dinitro-2-methylphenol	<0.39	mg/Kg	0.047	0.39	1.0
2,4-Dinitrophenol	<0.79	mg/Kg	0.21	0.79	1.0
2,4-Dinitrotoluene	<0.20	mg/Kg	0.021	0.20	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25818-SB-4@ 2'-3'
Lab Sample ID: 500-18278-15

Date Sampled: 04/15/2009 1420
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 81

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2,6-Dinitrotoluene	<0.20		mg/Kg	0.021	0.20	1.0
Di-n-octyl phthalate	<0.20		mg/Kg	0.018	0.20	1.0
Fluoranthene	<0.039		mg/Kg	0.0050	0.039	1.0
Fluorene	<0.039		mg/Kg	0.0041	0.039	1.0
Hexachlorobenzene	<0.079		mg/Kg	0.0056	0.079	1.0
Hexachlorobutadiene	<0.20		mg/Kg	0.023	0.20	1.0
Hexachlorocyclopentadiene	<0.79		mg/Kg	0.13	0.79	1.0
Hexachloroethane	<0.20		mg/Kg	0.021	0.20	1.0
Indeno[1,2,3-cd]pyrene	<0.039		mg/Kg	0.0050	0.039	1.0
Isophorone	<0.20		mg/Kg	0.016	0.20	1.0
2-Methylnaphthalene	<0.20		mg/Kg	0.022	0.20	1.0
2-Methylphenol	<0.20		mg/Kg	0.039	0.20	1.0
3 & 4 Methylphenol	<0.20		mg/Kg	0.036	0.20	1.0
Naphthalene	<0.039		mg/Kg	0.0040	0.039	1.0
2-Nitroaniline	<0.20		mg/Kg	0.021	0.20	1.0
3-Nitroaniline	<0.39		mg/Kg	0.076	0.39	1.0
4-Nitroaniline	<0.39		mg/Kg	0.084	0.39	1.0
Nitrobenzene	<0.039		mg/Kg	0.0072	0.039	1.0
2-Nitrophenol	<0.39		mg/Kg	0.047	0.39	1.0
4-Nitrophenol	<0.79		mg/Kg	0.068	0.79	1.0
N-Nitrosodi-n-propylamine	<0.20		mg/Kg	0.027	0.20	1.0
N-Nitrosodiphenylamine	<0.20	*	mg/Kg	0.012	0.20	1.0
2,2'-oxybis[1-chloropropane]	<0.20		mg/Kg	0.020	0.20	1.0
Pentachlorophenol	<0.79		mg/Kg	0.14	0.79	1.0
Phenanthrene	<0.039		mg/Kg	0.0034	0.039	1.0
Phenol	<0.20		mg/Kg	0.034	0.20	1.0
Pyrene	<0.039		mg/Kg	0.0046	0.039	1.0
1,2,4-Trichlorobenzene	<0.20		mg/Kg	0.019	0.20	1.0
2,4,5-Trichlorophenol	<0.39	*	mg/Kg	0.055	0.39	1.0
2,4,6-Trichlorophenol	<0.39		mg/Kg	0.039	0.39	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	37	%	33 - 114
2-Fluorophenol	57	%	25 - 111
Nitrobenzene-d5	45	%	21 - 116
Phenol-d5	59	%	31 - 110
Terphenyl-d14	76	%	48 - 146
2,4,6-Tribromophenol	100	%	32 - 138

Method: 6010B Date Analyzed: 04/20/2009 1251
Prep Method: 3050B Date Prepared: 04/17/2009 0844

Aluminum	13000	mg/Kg	2.0	22	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: 25818-SB-4@ 2'-3'
Lab Sample ID: 500-18278-15

Date Sampled: 04/15/2009 1420
Date Received: 04/16/2009 1030
Client Matrix: Solid
Percent Solids: 81

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Antimony	0.48	J B	mg/Kg	0.32	2.2	1.0
Arsenic	6.2		mg/Kg	0.32	1.1	1.0
Barium	82		mg/Kg	0.035	1.1	1.0
Beryllium	0.54		mg/Kg	0.011	0.44	1.0
Cadmium	<0.22		mg/Kg	0.036	0.22	1.0
Calcium	2300	B	mg/Kg	0.93	11	1.0
Chromium	16	B	mg/Kg	0.095	1.1	1.0
Cobalt	9.3		mg/Kg	0.080	0.55	1.0
Copper	10		mg/Kg	0.49	1.1	1.0
Iron	18000	B	mg/Kg	2.2	11	1.0
Lead	12	B	mg/Kg	0.12	0.55	1.0
Magnesium	2400	B	mg/Kg	1.3	11	1.0
Manganese	600		mg/Kg	0.034	1.1	1.0
Nickel	13	B	mg/Kg	0.068	1.1	1.0
Potassium	900		mg/Kg	6.7	55	1.0
Selenium	<1.1		mg/Kg	0.41	1.1	1.0
Silver	<0.55		mg/Kg	0.11	0.55	1.0
Sodium	170		mg/Kg	22	110	1.0
Thallium	<1.1		mg/Kg	0.36	1.1	1.0
Vanadium	31		mg/Kg	0.093	0.55	1.0
Zinc	39		mg/Kg	0.20	2.2	1.0
Method: 7471A			Date Analyzed:	04/20/2009 1359		
Prep Method: 7471A			Date Prepared:	04/20/2009 1130		
Mercury	0.014	J	mg/Kg	0.0083	0.021	1.0
Method: 9014			Date Analyzed:	04/21/2009 1612		
Prep Method: 9010B			Date Prepared:	04/21/2009 1140		
Cyanide, Total	<0.46		mg/Kg	0.12	0.46	1.0
Method: 9045C			Date Analyzed:	04/18/2009 1435		
pH	8.18		SU	0.200	0.200	1.0
Method: Moisture			Date Analyzed:	04/17/2009 0338		
Percent Moisture	19		%	0.10	0.10	1.0

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: TRIP BLANK
Lab Sample ID: 500-18278-16

Date Sampled: 04/15/2009 1200
Date Received: 04/16/2009 1030
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B		Date Analyzed:	04/28/2009 0546		
Prep Method: 5030B		Date Prepared:	04/28/2009 0546		
Chloromethane	<0.0010	mg/L	0.00033	0.0010	1.0
Vinyl chloride	<0.0010	mg/L	0.00023	0.0010	1.0
Bromomethane	<0.0010	mg/L	0.00044	0.0010	1.0
Chloroethane	<0.0010	mg/L	0.00045	0.0010	1.0
1,1-Dichloroethene	<0.0010	mg/L	0.00022	0.0010	1.0
Carbon disulfide	<0.0050	mg/L	0.00039	0.0050	1.0
Acetone	<0.0050	mg/L	0.0012	0.0050	1.0
Methylene Chloride	<0.0020	mg/L	0.00099	0.0020	1.0
trans-1,2-Dichloroethene	<0.0010	mg/L	0.00017	0.0010	1.0
Methyl tert-butyl ether	<0.0010	mg/L	0.00016	0.0010	1.0
1,1-Dichloroethane	<0.0010	mg/L	0.00018	0.0010	1.0
cis-1,2-Dichloroethene	<0.0010	mg/L	0.00021	0.0010	1.0
Methyl Ethyl Ketone	<0.0050	mg/L	0.00083	0.0050	1.0
Chloroform	<0.0010	mg/L	0.00013	0.0010	1.0
1,1,1-Trichloroethane	<0.0010	mg/L	0.00023	0.0010	1.0
Carbon tetrachloride	<0.0010	mg/L	0.00021	0.0010	1.0
Benzene	<0.0010	mg/L	0.00016	0.0010	1.0
1,2-Dichloroethane	<0.0010	mg/L	0.00022	0.0010	1.0
Trichloroethene	<0.0010	mg/L	0.00020	0.0010	1.0
1,2-Dichloropropane	<0.0010	mg/L	0.00023	0.0010	1.0
Bromodichloromethane	<0.0010	mg/L	0.00018	0.0010	1.0
cis-1,3-Dichloropropene	<0.0010	mg/L	0.00016	0.0010	1.0
methyl isobutyl ketone	<0.0050	mg/L	0.00058	0.0050	1.0
Toluene	<0.0010	mg/L	0.00016	0.0010	1.0
trans-1,3-Dichloropropene	<0.0010	mg/L	0.00013	0.0010	1.0
1,1,2-Trichloroethane	<0.0010	mg/L	0.00032	0.0010	1.0
Tetrachloroethene	<0.0010	mg/L	0.00014	0.0010	1.0
2-Hexanone	<0.0050	mg/L	0.00077	0.0050	1.0
Dibromochloromethane	<0.0010	mg/L	0.00019	0.0010	1.0
Chlorobenzene	<0.0010	mg/L	0.00017	0.0010	1.0
Ethylbenzene	<0.0010	mg/L	0.00017	0.0010	1.0
Styrene	<0.0010	mg/L	0.00015	0.0010	1.0
Bromoform	<0.0010	mg/L	0.00030	0.0010	1.0
1,1,2,2-Tetrachloroethane	<0.0010	mg/L	0.00025	0.0010	1.0
Xylenes, Total	<0.0020	mg/L	0.00033	0.0020	1.0
1,3-Dichloropropene, Total	<0.0010	mg/L	0.00016	0.0010	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	121	%	70 - 125

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Job Number: 500-18278-1
Sdg Number: 500-18278-1

Client Sample ID: TRIP BLANK
Lab Sample ID: 500-18278-16

Date Sampled: 04/15/2009 1200
Date Received: 04/16/2009 1030
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	99	%		75 - 120	
4-Bromofluorobenzene (Surr)	90	%		75 - 120	
Dibromofluoromethane	117	%		75 - 120	

DATA REPORTING QUALIFIERS

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Lab Section	Qualifier	Description
GC/MS VOA		
	*	LCS or LCSD exceeds the control limits
	F	MS or MSD exceeds the control limits
	F	RPD of the MS and MSD exceeds the control limits
	X	Surrogate exceeds the control limits
GC/MS Semi VOA		
	*	LCS or LCSD exceeds the control limits
	F	MS or MSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	F	RPD of the MS and MSD exceeds the control limits
	X	Surrogate exceeds the control limits
Metals		
	B	Compound was found in the blank and sample.
	F	Duplicate RPD exceeds the control limit
	F	MS or MSD exceeds the control limits
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	V	Serial Dilution exceeds the control limits

QUALITY CONTROL RESULTS

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 500-61794					
500-18278-1	25804-SB-6@ 2-3'	T	Solid	5035	
500-18278-2	25805-SB-5@ 2-3'	T	Solid	5035	
500-18278-3	25806-SB-7@ 2-3'	T	Solid	5035	
500-18278-4	25807-SB-7@ 2-3' DUP	T	Solid	5035	
500-18278-5	25808-SB-8@ 2-3'	T	Solid	5035	
500-18278-6	25809-SB-9@ 2-3'	T	Solid	5035	
500-18278-7	25810-SB-14@ 3'-4'	T	Solid	5035	
500-18278-9	25812-SB-12@ 4-5'	T	Solid	5035	
500-18278-10	25813-SB-11@ 3.5-4.5'	T	Solid	5035	
500-18278-11	25814-SB-10@ 3'-4'	T	Solid	5035	
500-18278-12	25815-SB-1@ 3'-4'	T	Solid	5035	
500-18278-13	25816-SB-2@ 3'-4'	T	Solid	5035	
500-18278-13MS	Matrix Spike	T	Solid	5035	
500-18278-13MSD	Matrix Spike Duplicate	T	Solid	5035	
500-18278-14	25817-SB-3@ 3'-4'	T	Solid	5035	
500-18278-15	25818-SB-4@ 2'-3'	T	Solid	5035	
Prep Batch: 500-61795					
500-18278-8	25811-SB-13@ 3'-4'	T	Solid	5035	
Analysis Batch:500-62196					
LCS 500-62196/6	Lab Control Sample	T	Solid	8260B	
MB 500-62196/5	Method Blank	T	Solid	8260B	
500-18278-1	25804-SB-6@ 2-3'	T	Solid	8260B	500-61794
500-18278-2	25805-SB-5@ 2-3'	T	Solid	8260B	500-61794
500-18278-3	25806-SB-7@ 2-3'	T	Solid	8260B	500-61794
500-18278-5	25808-SB-8@ 2-3'	T	Solid	8260B	500-61794
500-18278-6	25809-SB-9@ 2-3'	T	Solid	8260B	500-61794
500-18278-7	25810-SB-14@ 3'-4'	T	Solid	8260B	500-61794
500-18278-9	25812-SB-12@ 4-5'	T	Solid	8260B	500-61794
500-18278-10	25813-SB-11@ 3.5-4.5'	T	Solid	8260B	500-61794
500-18278-11	25814-SB-10@ 3'-4'	T	Solid	8260B	500-61794
500-18278-12	25815-SB-1@ 3'-4'	T	Solid	8260B	500-61794
500-18278-13	25816-SB-2@ 3'-4'	T	Solid	8260B	500-61794
500-18278-13MS	Matrix Spike	T	Solid	8260B	500-61794
500-18278-13MSD	Matrix Spike Duplicate	T	Solid	8260B	500-61794
500-18278-14	25817-SB-3@ 3'-4'	T	Solid	8260B	500-61794
500-18278-15	25818-SB-4@ 2'-3'	T	Solid	8260B	500-61794
Analysis Batch:500-62324					
LCS 500-62324/6	Lab Control Sample	T	Solid	8260B	
MB 500-62324/5	Method Blank	T	Solid	8260B	
500-18278-4	25807-SB-7@ 2-3' DUP	T	Solid	8260B	500-61794

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:500-62549					
LCS 500-62549/6	Lab Control Sample	T	Solid	8260B	
MB 500-62549/5	Method Blank	T	Solid	8260B	
500-18278-8	25811-SB-13@ 3'-4'	T	Solid	8260B	500-61795
Analysis Batch:500-62552					
LCS 500-62552/28	Lab Control Sample	T	Water	8260B	
MB 500-62552/27	Method Blank	T	Water	8260B	
500-18278-16	TRIP BLANK	T	Water	8260B	

Report Basis
T = Total

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 500-61807					
LCS 500-61807/2-A	Lab Control Sample	T	Solid	3541	
MB 500-61807/1-A	Method Blank	T	Solid	3541	
500-18278-1	25804-SB-6@ 2-3'	T	Solid	3541	
500-18278-2	25805-SB-5@ 2-3'	T	Solid	3541	
500-18278-3	25806-SB-7@ 2-3'	T	Solid	3541	
500-18278-4	25807-SB-7@ 2-3' DUP	T	Solid	3541	
500-18278-5	25808-SB-8@ 2-3'	T	Solid	3541	
500-18278-6	25809-SB-9@ 2-3'	T	Solid	3541	
500-18278-7	25810-SB-14@ 3'-4'	T	Solid	3541	
500-18278-8	25811-SB-13@ 3'-4'	T	Solid	3541	
500-18278-9	25812-SB-12@ 4-5'	T	Solid	3541	
500-18278-10	25813-SB-11@ 3.5-4.5'	T	Solid	3541	
500-18278-11	25814-SB-10@ 3'-4'	T	Solid	3541	
500-18278-12	25815-SB-1@ 3'-4'	T	Solid	3541	
500-18278-13	25816-SB-2@ 3'-4'	T	Solid	3541	
500-18278-13MS	Matrix Spike	T	Solid	3541	
500-18278-13MSD	Matrix Spike Duplicate	T	Solid	3541	
500-18278-14	25817-SB-3@ 3'-4'	T	Solid	3541	
500-18278-15	25818-SB-4@ 2'-3'	T	Solid	3541	
Analysis Batch:500-62580					
LCS 500-61807/2-A	Lab Control Sample	T	Solid	8270C	500-61807
MB 500-61807/1-A	Method Blank	T	Solid	8270C	500-61807
500-18278-1	25804-SB-6@ 2-3'	T	Solid	8270C	500-61807
500-18278-2	25805-SB-5@ 2-3'	T	Solid	8270C	500-61807
500-18278-3	25806-SB-7@ 2-3'	T	Solid	8270C	500-61807
500-18278-4	25807-SB-7@ 2-3' DUP	T	Solid	8270C	500-61807
500-18278-5	25808-SB-8@ 2-3'	T	Solid	8270C	500-61807
500-18278-6	25809-SB-9@ 2-3'	T	Solid	8270C	500-61807
500-18278-7	25810-SB-14@ 3'-4'	T	Solid	8270C	500-61807
500-18278-8	25811-SB-13@ 3'-4'	T	Solid	8270C	500-61807
500-18278-9	25812-SB-12@ 4-5'	T	Solid	8270C	500-61807
500-18278-10	25813-SB-11@ 3.5-4.5'	T	Solid	8270C	500-61807
500-18278-11	25814-SB-10@ 3'-4'	T	Solid	8270C	500-61807
500-18278-12	25815-SB-1@ 3'-4'	T	Solid	8270C	500-61807
500-18278-13	25816-SB-2@ 3'-4'	T	Solid	8270C	500-61807
500-18278-13MS	Matrix Spike	T	Solid	8270C	500-61807
500-18278-13MSD	Matrix Spike Duplicate	T	Solid	8270C	500-61807
500-18278-14	25817-SB-3@ 3'-4'	T	Solid	8270C	500-61807
500-18278-15	25818-SB-4@ 2'-3'	T	Solid	8270C	500-61807

Report Basis
T = Total

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 500-61818					
LCS 500-61818/2-A	Lab Control Sample	T	Solid	3050B	
MB 500-61818/1-A	Method Blank	T	Solid	3050B	
500-18278-1	25804-SB-6@ 2-3'	T	Solid	3050B	
500-18278-2	25805-SB-5@ 2-3'	T	Solid	3050B	
500-18278-3	25806-SB-7@ 2-3'	T	Solid	3050B	
500-18278-4	25807-SB-7@ 2-3' DUP	T	Solid	3050B	
500-18278-5	25808-SB-8@ 2-3'	T	Solid	3050B	
500-18278-6	25809-SB-9@ 2-3'	T	Solid	3050B	
500-18278-7	25810-SB-14@ 3'-4'	T	Solid	3050B	
500-18278-8	25811-SB-13@ 3'-4'	T	Solid	3050B	
500-18278-9	25812-SB-12@ 4-5'	T	Solid	3050B	
500-18278-10	25813-SB-11@ 3.5-4.5'	T	Solid	3050B	
500-18278-11	25814-SB-10@ 3'-4'	T	Solid	3050B	
500-18278-12	25815-SB-1@ 3'-4'	T	Solid	3050B	
500-18278-13	25816-SB-2@ 3'-4'	T	Solid	3050B	
500-18278-13DU	Duplicate	T	Solid	3050B	
500-18278-13MS	Matrix Spike	T	Solid	3050B	
500-18278-13MSD	Matrix Spike Duplicate	T	Solid	3050B	
500-18278-14	25817-SB-3@ 3'-4'	T	Solid	3050B	
500-18278-15	25818-SB-4@ 2'-3'	T	Solid	3050B	
Prep Batch: 500-61860					
LCS 500-61860/2-A	Lab Control Sample	T	Solid	7471A	
MB 500-61860/1-A	Method Blank	T	Solid	7471A	
500-18278-1	25804-SB-6@ 2-3'	T	Solid	7471A	
500-18278-2	25805-SB-5@ 2-3'	T	Solid	7471A	
500-18278-3	25806-SB-7@ 2-3'	T	Solid	7471A	
500-18278-4	25807-SB-7@ 2-3' DUP	T	Solid	7471A	
500-18278-5	25808-SB-8@ 2-3'	T	Solid	7471A	
500-18278-6	25809-SB-9@ 2-3'	T	Solid	7471A	
500-18278-7	25810-SB-14@ 3'-4'	T	Solid	7471A	
500-18278-8	25811-SB-13@ 3'-4'	T	Solid	7471A	
500-18278-9	25812-SB-12@ 4-5'	T	Solid	7471A	
500-18278-10	25813-SB-11@ 3.5-4.5'	T	Solid	7471A	
500-18278-11	25814-SB-10@ 3'-4'	T	Solid	7471A	
500-18278-12	25815-SB-1@ 3'-4'	T	Solid	7471A	
500-18278-13	25816-SB-2@ 3'-4'	T	Solid	7471A	
500-18278-13DU	Duplicate	T	Solid	7471A	
500-18278-13MS	Matrix Spike	T	Solid	7471A	
500-18278-13MSD	Matrix Spike Duplicate	T	Solid	7471A	
500-18278-14	25817-SB-3@ 3'-4'	T	Solid	7471A	

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:500-61881					
LCS 500-61860/2-A	Lab Control Sample	T	Solid	7471A	500-61860
MB 500-61860/1-A	Method Blank	T	Solid	7471A	500-61860
500-18278-1	25804-SB-6@ 2-3'	T	Solid	7471A	500-61860
500-18278-2	25805-SB-5@ 2-3'	T	Solid	7471A	500-61860
500-18278-3	25806-SB-7@ 2-3'	T	Solid	7471A	500-61860
500-18278-4	25807-SB-7@ 2-3' DUP	T	Solid	7471A	500-61860
500-18278-5	25808-SB-8@ 2-3'	T	Solid	7471A	500-61860
500-18278-6	25809-SB-9@ 2-3'	T	Solid	7471A	500-61860
500-18278-7	25810-SB-14@ 3'-4'	T	Solid	7471A	500-61860
500-18278-8	25811-SB-13@ 3'-4'	T	Solid	7471A	500-61860
500-18278-9	25812-SB-12@ 4-5'	T	Solid	7471A	500-61860
500-18278-10	25813-SB-11@ 3.5-4.5'	T	Solid	7471A	500-61860
500-18278-11	25814-SB-10@ 3'-4'	T	Solid	7471A	500-61860
500-18278-12	25815-SB-1@ 3'-4'	T	Solid	7471A	500-61860
500-18278-13	25816-SB-2@ 3'-4'	T	Solid	7471A	500-61860
500-18278-13DU	Duplicate	T	Solid	7471A	500-61860
500-18278-13MS	Matrix Spike	T	Solid	7471A	500-61860
500-18278-13MSD	Matrix Spike Duplicate	T	Solid	7471A	500-61860
500-18278-14	25817-SB-3@ 3'-4'	T	Solid	7471A	500-61860
Prep Batch: 500-61953					
LCS 500-61953/2-A	Lab Control Sample	T	Solid	7471A	
MB 500-61953/1-A	Method Blank	T	Solid	7471A	
500-18278-15	25818-SB-4@ 2'-3'	T	Solid	7471A	

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:500-61955					
LCS 500-61818/2-A	Lab Control Sample	T	Solid	6010B	500-61818
MB 500-61818/1-A	Method Blank	T	Solid	6010B	500-61818
500-18278-1	25804-SB-6@ 2-3'	T	Solid	6010B	500-61818
500-18278-2	25805-SB-5@ 2-3'	T	Solid	6010B	500-61818
500-18278-3	25806-SB-7@ 2-3'	T	Solid	6010B	500-61818
500-18278-4	25807-SB-7@ 2-3' DUP	T	Solid	6010B	500-61818
500-18278-5	25808-SB-8@ 2-3'	T	Solid	6010B	500-61818
500-18278-6	25809-SB-9@ 2-3'	T	Solid	6010B	500-61818
500-18278-7	25810-SB-14@ 3'-4'	T	Solid	6010B	500-61818
500-18278-8	25811-SB-13@ 3'-4'	T	Solid	6010B	500-61818
500-18278-9	25812-SB-12@ 4-5'	T	Solid	6010B	500-61818
500-18278-10	25813-SB-11@ 3.5-4.5'	T	Solid	6010B	500-61818
500-18278-11	25814-SB-10@ 3'-4'	T	Solid	6010B	500-61818
500-18278-12	25815-SB-1@ 3'-4'	T	Solid	6010B	500-61818
500-18278-13	25816-SB-2@ 3'-4'	T	Solid	6010B	500-61818
500-18278-13DU	Duplicate	T	Solid	6010B	500-61818
500-18278-13MS	Matrix Spike	T	Solid	6010B	500-61818
500-18278-13MSD	Matrix Spike Duplicate	T	Solid	6010B	500-61818
500-18278-14	25817-SB-3@ 3'-4'	T	Solid	6010B	500-61818
500-18278-15	25818-SB-4@ 2'-3'	T	Solid	6010B	500-61818
Analysis Batch:500-61979					
LCS 500-61953/2-A	Lab Control Sample	T	Solid	7471A	500-61953
MB 500-61953/1-A	Method Blank	T	Solid	7471A	500-61953
500-18278-15	25818-SB-4@ 2'-3'	T	Solid	7471A	500-61953

Report Basis
T = Total

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:500-61788					
500-18278-1	25804-SB-6@ 2-3'	T	Solid	Moisture	
500-18278-2	25805-SB-5@ 2-3'	T	Solid	Moisture	
500-18278-3	25806-SB-7@ 2-3'	T	Solid	Moisture	
500-18278-4	25807-SB-7@ 2-3' DUP	T	Solid	Moisture	
500-18278-5	25808-SB-8@ 2-3'	T	Solid	Moisture	
500-18278-6	25809-SB-9@ 2-3'	T	Solid	Moisture	
500-18278-7	25810-SB-14@ 3'-4'	T	Solid	Moisture	
500-18278-8	25811-SB-13@ 3'-4'	T	Solid	Moisture	
500-18278-9	25812-SB-12@ 4-5'	T	Solid	Moisture	
500-18278-10	25813-SB-11@ 3.5-4.5'	T	Solid	Moisture	
500-18278-11	25814-SB-10@ 3'-4'	T	Solid	Moisture	
500-18278-12	25815-SB-1@ 3'-4'	T	Solid	Moisture	
500-18278-13	25816-SB-2@ 3'-4'	T	Solid	Moisture	
500-18278-13DU	Duplicate	T	Solid	Moisture	
500-18278-13MS	Matrix Spike	T	Solid	Moisture	
500-18278-13MSD	Matrix Spike Duplicate	T	Solid	Moisture	
500-18278-14	25817-SB-3@ 3'-4'	T	Solid	Moisture	
500-18278-15	25818-SB-4@ 2'-3'	T	Solid	Moisture	
Analysis Batch:500-61847					
500-18278-1	25804-SB-6@ 2-3'	T	Solid	9045C	
500-18278-2	25805-SB-5@ 2-3'	T	Solid	9045C	
500-18278-3	25806-SB-7@ 2-3'	T	Solid	9045C	
500-18278-4	25807-SB-7@ 2-3' DUP	T	Solid	9045C	
500-18278-5	25808-SB-8@ 2-3'	T	Solid	9045C	
500-18278-6	25809-SB-9@ 2-3'	T	Solid	9045C	
500-18278-7	25810-SB-14@ 3'-4'	T	Solid	9045C	
500-18278-8	25811-SB-13@ 3'-4'	T	Solid	9045C	
500-18278-9	25812-SB-12@ 4-5'	T	Solid	9045C	
500-18278-10	25813-SB-11@ 3.5-4.5'	T	Solid	9045C	
500-18278-11	25814-SB-10@ 3'-4'	T	Solid	9045C	
500-18278-12	25815-SB-1@ 3'-4'	T	Solid	9045C	
500-18278-13	25816-SB-2@ 3'-4'	T	Solid	9045C	
500-18278-13DU	Duplicate	T	Solid	9045C	
500-18278-14	25817-SB-3@ 3'-4'	T	Solid	9045C	
500-18278-15	25818-SB-4@ 2'-3'	T	Solid	9045C	

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 500-62016					
HLCS 500-62016/25-A	High Level Control Sample	T	Solid	9010B	
LCS 500-62016/2-A	Lab Control Sample	T	Solid	9010B	
LLCS 500-62016/26-A	Low Level Control Sample	T	Solid	9010B	
MB 500-62016/1-A	Method Blank	T	Solid	9010B	
500-18278-1	25804-SB-6@ 2-3'	T	Solid	9010B	
500-18278-2	25805-SB-5@ 2-3'	T	Solid	9010B	
500-18278-3	25806-SB-7@ 2-3'	T	Solid	9010B	
500-18278-4	25807-SB-7@ 2-3' DUP	T	Solid	9010B	
500-18278-5	25808-SB-8@ 2-3'	T	Solid	9010B	
500-18278-6	25809-SB-9@ 2-3'	T	Solid	9010B	
500-18278-7	25810-SB-14@ 3'-4'	T	Solid	9010B	
500-18278-8	25811-SB-13@ 3'-4'	T	Solid	9010B	
500-18278-9	25812-SB-12@ 4-5'	T	Solid	9010B	
500-18278-10	25813-SB-11@ 3.5-4.5'	T	Solid	9010B	
500-18278-11	25814-SB-10@ 3'-4'	T	Solid	9010B	
500-18278-12	25815-SB-1@ 3'-4'	T	Solid	9010B	
500-18278-13	25816-SB-2@ 3'-4'	T	Solid	9010B	
500-18278-13MS	Matrix Spike	T	Solid	9010B	
500-18278-13MSD	Matrix Spike Duplicate	T	Solid	9010B	
500-18278-14	25817-SB-3@ 3'-4'	T	Solid	9010B	
500-18278-15	25818-SB-4@ 2'-3'	T	Solid	9010B	
Analysis Batch:500-62067					
HLCS 500-62016/25-A	High Level Control Sample	T	Solid	9014	500-62016
LCS 500-62016/2-A	Lab Control Sample	T	Solid	9014	500-62016
LLCS 500-62016/26-A	Low Level Control Sample	T	Solid	9014	500-62016
MB 500-62016/1-A	Method Blank	T	Solid	9014	500-62016
500-18278-1	25804-SB-6@ 2-3'	T	Solid	9014	500-62016
500-18278-2	25805-SB-5@ 2-3'	T	Solid	9014	500-62016
500-18278-3	25806-SB-7@ 2-3'	T	Solid	9014	500-62016
500-18278-4	25807-SB-7@ 2-3' DUP	T	Solid	9014	500-62016
500-18278-5	25808-SB-8@ 2-3'	T	Solid	9014	500-62016
500-18278-6	25809-SB-9@ 2-3'	T	Solid	9014	500-62016
500-18278-7	25810-SB-14@ 3'-4'	T	Solid	9014	500-62016
500-18278-8	25811-SB-13@ 3'-4'	T	Solid	9014	500-62016
500-18278-9	25812-SB-12@ 4-5'	T	Solid	9014	500-62016
500-18278-10	25813-SB-11@ 3.5-4.5'	T	Solid	9014	500-62016
500-18278-11	25814-SB-10@ 3'-4'	T	Solid	9014	500-62016
500-18278-12	25815-SB-1@ 3'-4'	T	Solid	9014	500-62016
500-18278-13	25816-SB-2@ 3'-4'	T	Solid	9014	500-62016
500-18278-13MS	Matrix Spike	T	Solid	9014	500-62016
500-18278-13MSD	Matrix Spike Duplicate	T	Solid	9014	500-62016
500-18278-14	25817-SB-3@ 3'-4'	T	Solid	9014	500-62016
500-18278-15	25818-SB-4@ 2'-3'	T	Solid	9014	500-62016

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch

Report Basis
T = Total

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	12DCE %Rec	TOL %Rec	BFB %Rec	DBFM %Rec
500-18278-1	25804-SB-6@ 2-3'	126	118	106	132
500-18278-2	25805-SB-5@ 2-3'	126	113	102	126
500-18278-3	25806-SB-7@ 2-3'	126	120	110	134
500-18278-4	25807-SB-7@ 2-3' DUP	113	113	103	115
500-18278-5	25808-SB-8@ 2-3'	122	116	103	131
500-18278-6	25809-SB-9@ 2-3'	133	114	105	137
500-18278-7	25810-SB-14@ 3'-4'	123	113	99	131
500-18278-9	25812-SB-12@ 4-5'	122	118	103	133
500-18278-10	25813-SB-11@ 3.5-4.5'	131	122	108	137
500-18278-11	25814-SB-10@ 3'-4'	131	120	108	139
500-18278-12	25815-SB-1@ 3'-4'	126	117	103	136
500-18278-13	25816-SB-2@ 3'-4'	123	110	101	123
500-18278-14	25817-SB-3@ 3'-4'	122	111	100	132
500-18278-15	25818-SB-4@ 2'-3'	124	112	101	136
MB 500-62196/5		126	126	111	133
MB 500-62324/5		106	107	98	110
LCS 500-62196/6		108	114	112	115
LCS 500-62324/6		95	112	104	104
500-18278-13 MS	25816-SB-2@ 3'-4' MS	117	120	113	123
500-18278-13 MSD	25816-SB-2@ 3'-4' MSD	110	118	112	116

Surrogate	Acceptance Limits
12DCE = 1,2-Dichloroethane-d4 (Surr)	75-140
TOL = Toluene-d8 (Surr)	75-130
BFB = 4-Bromofluorobenzene (Surr)	75-120
DBFM = Dibromofluoromethane	75-140

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	12DCE %Rec	TOL %Rec	BFB %Rec	DBFM %Rec
MB 500-62549/5		117	98	89	117
LCS 500-62549/6		113	102	99	114

Surrogate	Acceptance Limits
12DCE = 1,2-Dichloroethane-d4 (Surr)	70-125
TOL = Toluene-d8 (Surr)	75-120
BFB = 4-Bromofluorobenzene (Surr)	75-120
DBFM = Dibromofluoromethane	75-120

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	12DCE %Rec	TOL %Rec
500-18278-8	25811-SB-13@ 3'-4'	90	126X	125	100

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	75-120
DBFM = Dibromofluoromethane	75-120
12DCE = 1,2-Dichloroethane-d4 (Surr)	70-125
TOL = Toluene-d8 (Surr)	75-120

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	12DCE %Rec	TOL %Rec	BFB %Rec	DBFM %Rec
500-18278-16	TRIP BLANK	121	99	90	117
MB 500-62552/27		117	98	89	117
LCS 500-62552/28		113	102	99	114

Surrogate	Acceptance Limits
12DCE = 1,2-Dichloroethane-d4 (Surr)	70-125
TOL = Toluene-d8 (Surr)	75-120
BFB = 4-Bromofluorobenzene (Surr)	75-120
DBFM = Dibromofluoromethane	75-120

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Surrogate Recovery Report

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	FBP %Rec	2FP %Rec	NBZ %Rec	PHL %Rec	TPH %Rec	TBP %Rec
500-18278-1	25804-SB-6@ 2-3'	57	47	49	59	79	86
500-18278-2	25805-SB-5@ 2-3'	37	62	52	67	73	89
500-18278-3	25806-SB-7@ 2-3'	71	60	63	66	81	99
500-18278-4	25807-SB-7@ 2-3' DUP	63	39	54	56	77	85
500-18278-5	25808-SB-8@ 2-3'	81	50	66	63	95	103
500-18278-6	25809-SB-9@ 2-3'	69	54	63	62	74	91
500-18278-7	25810-SB-14@ 3'-4'	65	43	56	55	74	92
500-18278-8	25811-SB-13@ 3'-4'	73	48	67	59	76	84
500-18278-9	25812-SB-12@ 4-5'	84	38	68	56	91	89
500-18278-10	25813-SB-11@ 3.5-4.5'	74	59	65	66	78	99
500-18278-11	25814-SB-10@ 3'-4'	63	57	65	69	79	91
500-18278-12	25815-SB-1@ 3'-4'	55	41	52	54	73	89
500-18278-13	25816-SB-2@ 3'-4'	67	47	62	63	83	93
500-18278-14	25817-SB-3@ 3'-4'	31X	52	42	53	74	86
500-18278-15	25818-SB-4@ 2'-3'	37	57	45	59	76	100
MB 500-61807/1-A		105	96	101	94	95	140X
LCS 500-61807/2-A		102	98	94	85	103	120
500-18278-13 MS	25816-SB-2@ 3'-4' MS	64	54	57	57	86	94
500-18278-13 MSD	25816-SB-2@ 3'-4' MSD	68	54	56	64	81	96

Surrogate	Acceptance Limits
FBP = 2-Fluorobiphenyl	33-114
2FP = 2-Fluorophenol	25-111
NBZ = Nitrobenzene-d5	21-116
PHL = Phenol-d5	31-110
TPH = Terphenyl-d14	48-146
TBP = 2,4,6-Tribromophenol	32-138

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-61794

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	500-18278-13	Analysis Batch:	500-62196	Instrument ID:	Agilent 6890N GC - 5973I
Client Matrix:	Solid	Prep Batch:	500-61794	Lab File ID:	18278-13S.D
Dilution:	1.0			Initial Weight/Volume:	9.302 g
Date Analyzed:	04/22/2009 1045			Final Weight/Volume:	5 mL
Date Prepared:	04/15/2009 1340				

MSD Lab Sample ID:	500-18278-13	Analysis Batch:	500-62196	Instrument ID:	Agilent 6890N GC - 5973N
Client Matrix:	Solid	Prep Batch:	500-61794	Lab File ID:	18278-13T.D
Dilution:	1.0			Initial Weight/Volume:	8.4847 g
Date Analyzed:	04/22/2009 1111			Final Weight/Volume:	5 mL
Date Prepared:	04/15/2009 1340				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	97	111	36 - 143	23	30		
Vinyl chloride	121	139	49 - 133	24	30		F
Bromomethane	103	80	51 - 154	16	30		
Chloroethane	105	73	42 - 155	27	30		
1,1-Dichloroethene	92	100	58 - 127	17	30		
Acetone	235	124	24 - 147	54	30	F	F
Carbon disulfide	75	85	33 - 140	22	30		
Methylene Chloride	101	111	66 - 124	19	30		
trans-1,2-Dichloroethene	93	106	70 - 120	22	30		
Methyl tert-butyl ether	106	126	66 - 122	26	30		F
1,1-Dichloroethane	81	92	70 - 120	21	30		
cis-1,2-Dichloroethene	83	96	79 - 120	23	30		
Methyl Ethyl Ketone	107	131	50 - 120	29	30		F
Chloroform	87	97	76 - 120	20	30		
1,1,1-Trichloroethane	87	97	70 - 120	20	30		
Carbon tetrachloride	81	88	63 - 120	17	30		
Benzene	78	90	76 - 120	23	30		
1,2-Dichloroethane	84	99	74 - 120	25	30		
Trichloroethene	76	90	74 - 120	25	30		
1,2-Dichloropropane	85	99	75 - 120	24	30		
Bromodichloromethane	83	100	80 - 120	28	30		
cis-1,3-Dichloropropene	71	90	69 - 120	32	30		F
methyl isobutyl ketone	83	109	65 - 126	35	30		F
Toluene	80	95	78 - 120	25	30		
trans-1,3-Dichloropropene	70	92	70 - 120	36	30		F
1,1,2-Trichloroethane	90	109	77 - 120	29	30		
Tetrachloroethene	72	86	70 - 120	27	30		
2-Hexanone	81	107	58 - 120	36	30		F
Dibromochloromethane	71	87	72 - 120	30	30	F	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-61794

Method: 8260B
Preparation: 5035

MS Lab Sample ID: 500-18278-13
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/22/2009 1045
Date Prepared: 04/15/2009 1340

Analysis Batch: 500-62196
Prep Batch: 500-61794

Instrument ID: Agilent 6890N GC - 5973I
Lab File ID: 18278-13S.D
Initial Weight/Volume: 9.302 g
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 500-18278-13
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/22/2009 1111
Date Prepared: 04/15/2009 1340

Analysis Batch: 500-62196
Prep Batch: 500-61794

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 18278-13T.D
Initial Weight/Volume: 8.4847 g
Final Weight/Volume: 5 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chlorobenzene	71	92	76 - 120	34	30	F	F
Ethylbenzene	77	95	78 - 120	29	30	F	
Xylenes, Total	76	94	77 - 120	30	30	F	
Styrene	68	92	82 - 120	39	30	F	F
Bromoform	60	80	57 - 120	37	30		F
1,1,2,2-Tetrachloroethane	78	103	73 - 120	36	30		F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117	110	75 - 140
Toluene-d8 (Surr)	120	118	75 - 130
4-Bromofluorobenzene (Surr)	113	112	75 - 120
Dibromofluoromethane	123	116	75 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Method Blank - Batch: 500-62196

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 500-62196/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/22/2009 0926
Date Prepared: N/A

Analysis Batch: 500-62196
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 16M0422.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Bromomethane	<0.0050		0.0022	0.0050
Acetone	<0.0050		0.0019	0.0050
Carbon disulfide	<0.0050		0.00094	0.0050
Chloroethane	<0.0050		0.0012	0.0050
Chloromethane	<0.0050		0.0016	0.0050
Methyl Ethyl Ketone	<0.0050		0.0018	0.0050
Chloroform	<0.0050		0.00098	0.0050
cis-1,2-Dichloroethene	<0.0050		0.00096	0.0050
Carbon tetrachloride	<0.0050		0.00094	0.0050
Benzene	<0.0050		0.00085	0.0050
1,1-Dichloroethane	<0.0050		0.00096	0.0050
1,2-Dichloroethane	<0.0050		0.0011	0.0050
1,1-Dichloroethene	<0.0050		0.00088	0.0050
Bromodichloromethane	<0.0050		0.00078	0.0050
1,2-Dichloropropane	<0.0050		0.00094	0.0050
cis-1,3-Dichloropropene	<0.0050		0.00080	0.0050
Methylene Chloride	<0.0050		0.00078	0.0050
methyl isobutyl ketone	<0.0050		0.0015	0.0050
Methyl tert-butyl ether	<0.0050		0.0013	0.0050
2-Hexanone	<0.0050		0.0012	0.0050
Dibromochloromethane	<0.0050		0.00083	0.0050
Chlorobenzene	<0.0050		0.00068	0.0050
Ethylbenzene	<0.0050		0.00071	0.0050
Tetrachloroethene	<0.0050		0.00080	0.0050
Toluene	<0.0050		0.00088	0.0050
Styrene	<0.0050		0.00075	0.0050
trans-1,2-Dichloroethene	<0.0050		0.0010	0.0050
Bromoform	<0.0050		0.0010	0.0050
trans-1,3-Dichloropropene	<0.0050		0.00096	0.0050
1,1,1-Trichloroethane	<0.0050		0.00089	0.0050
1,1,2,2-Tetrachloroethane	<0.0050		0.0012	0.0050
1,1,2-Trichloroethane	<0.0050		0.0018	0.0050
Trichloroethene	<0.0050		0.00096	0.0050
Vinyl chloride	<0.0050		0.0014	0.0050
Xylenes, Total	<0.010		0.0015	0.010
1,3-Dichloropropene, Total	<0.0050		0.00096	0.0050

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	126	75 - 140
Toluene-d8 (Surr)	126	75 - 130
4-Bromofluorobenzene (Surr)	111	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane	133	75 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Lab Control Sample - Batch: 500-62196

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 500-62196/6
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/22/2009 0952
Date Prepared: N/A

Analysis Batch: 500-62196
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 16S0422.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Bromomethane	0.0500	0.0483	97	51 - 154	
Acetone	0.0500	0.0333	67	24 - 147	
Carbon disulfide	0.0500	0.0440	88	33 - 140	
Chloroethane	0.0500	0.0510	102	42 - 155	
Chloromethane	0.0500	0.0568	114	36 - 143	
Methyl Ethyl Ketone	0.0500	0.0471	94	50 - 120	
Chloroform	0.0500	0.0467	93	76 - 120	
cis-1,2-Dichloroethene	0.0500	0.0465	93	79 - 120	
Carbon tetrachloride	0.0500	0.0437	87	63 - 120	
Benzene	0.0500	0.0443	89	76 - 120	
1,1-Dichloroethane	0.0500	0.0434	87	70 - 120	
1,2-Dichloroethane	0.0500	0.0466	93	74 - 120	
1,1-Dichloroethene	0.0500	0.0496	99	58 - 127	
Bromodichloromethane	0.0500	0.0474	95	80 - 120	
1,2-Dichloropropane	0.0500	0.0468	94	75 - 120	
cis-1,3-Dichloropropene	0.0538	0.0451	84	69 - 120	
Methylene Chloride	0.0500	0.0540	108	66 - 124	
methyl isobutyl ketone	0.0500	0.0423	85	65 - 126	
Methyl tert-butyl ether	0.0500	0.0562	112	66 - 122	
2-Hexanone	0.0500	0.0423	85	58 - 120	
Dibromochloromethane	0.0500	0.0420	84	72 - 120	
Chlorobenzene	0.0500	0.0469	94	76 - 120	
Ethylbenzene	0.0500	0.0484	97	78 - 120	
Tetrachloroethene	0.0500	0.0436	87	70 - 120	
Toluene	0.0500	0.0454	91	78 - 120	
Styrene	0.0500	0.0490	98	82 - 120	
trans-1,2-Dichloroethene	0.0500	0.0516	103	70 - 120	
Bromoform	0.0500	0.0384	77	57 - 120	
trans-1,3-Dichloropropene	0.0486	0.0408	84	70 - 120	
1,1,1-Trichloroethane	0.0500	0.0473	95	70 - 120	
1,1,2,2-Tetrachloroethane	0.0500	0.0466	93	73 - 120	
1,1,2-Trichloroethane	0.0500	0.0484	97	77 - 120	
Trichloroethene	0.0500	0.0444	89	74 - 120	
Vinyl chloride	0.0500	0.0698	140	49 - 133	*
Xylenes, Total	0.150	0.147	98	77 - 120	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	75 - 140
Toluene-d8 (Surr)	114	75 - 130
4-Bromofluorobenzene (Surr)	112	75 - 120
Dibromofluoromethane	115	75 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Method Blank - Batch: 500-62324

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 500-62324/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/23/2009 1001
Date Prepared: N/A

Analysis Batch: 500-62324
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 16M0423A.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Bromomethane	<0.0050		0.0022	0.0050
Acetone	<0.0050		0.0019	0.0050
Carbon disulfide	<0.0050		0.00094	0.0050
Chloroethane	<0.0050		0.0012	0.0050
Chloromethane	<0.0050		0.0016	0.0050
Methyl Ethyl Ketone	<0.0050		0.0018	0.0050
Chloroform	<0.0050		0.00098	0.0050
cis-1,2-Dichloroethene	<0.0050		0.00096	0.0050
Carbon tetrachloride	<0.0050		0.00094	0.0050
Benzene	<0.0050		0.00085	0.0050
1,1-Dichloroethane	<0.0050		0.00096	0.0050
1,2-Dichloroethane	<0.0050		0.0011	0.0050
1,1-Dichloroethene	<0.0050		0.00088	0.0050
Bromodichloromethane	<0.0050		0.00078	0.0050
1,2-Dichloropropane	<0.0050		0.00094	0.0050
cis-1,3-Dichloropropene	<0.0050		0.00080	0.0050
Methylene Chloride	<0.0050		0.00078	0.0050
methyl isobutyl ketone	<0.0050		0.0015	0.0050
Methyl tert-butyl ether	<0.0050		0.0013	0.0050
2-Hexanone	<0.0050		0.0012	0.0050
Dibromochloromethane	<0.0050		0.00083	0.0050
Chlorobenzene	<0.0050		0.00068	0.0050
Ethylbenzene	<0.0050		0.00071	0.0050
Tetrachloroethene	<0.0050		0.00080	0.0050
Toluene	<0.0050		0.00088	0.0050
Styrene	<0.0050		0.00075	0.0050
trans-1,2-Dichloroethene	<0.0050		0.0010	0.0050
Bromoform	<0.0050		0.0010	0.0050
trans-1,3-Dichloropropene	<0.0050		0.00096	0.0050
1,1,1-Trichloroethane	<0.0050		0.00089	0.0050
1,1,2,2-Tetrachloroethane	<0.0050		0.0012	0.0050
1,1,2-Trichloroethane	<0.0050		0.0018	0.0050
Trichloroethene	<0.0050		0.00096	0.0050
Vinyl chloride	<0.0050		0.0014	0.0050
Xylenes, Total	<0.010		0.0015	0.010
1,3-Dichloropropene, Total	<0.0050		0.00096	0.0050

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106	75 - 140
Toluene-d8 (Surr)	107	75 - 130
4-Bromofluorobenzene (Surr)	98	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane	110	75 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Lab Control Sample - Batch: 500-62324

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 500-62324/6
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/23/2009 1120
Date Prepared: N/A

Analysis Batch: 500-62324
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 16S0423B.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Bromomethane	0.0500	0.0383	77	51 - 154	
Acetone	0.0500	0.0222	44	24 - 147	
Carbon disulfide	0.0500	0.0319	64	33 - 140	
Chloroethane	0.0500	0.0389	78	42 - 155	
Chloromethane	0.0500	0.0411	82	36 - 143	
Methyl Ethyl Ketone	0.0500	0.0373	75	50 - 120	
Chloroform	0.0500	0.0426	85	76 - 120	
cis-1,2-Dichloroethene	0.0500	0.0437	87	79 - 120	
Carbon tetrachloride	0.0500	0.0461	92	63 - 120	
Benzene	0.0500	0.0419	84	76 - 120	
1,1-Dichloroethane	0.0500	0.0373	75	70 - 120	
1,2-Dichloroethane	0.0500	0.0424	85	74 - 120	
1,1-Dichloroethene	0.0500	0.0408	82	58 - 127	
Bromodichloromethane	0.0500	0.0468	94	80 - 120	
1,2-Dichloropropane	0.0500	0.0445	89	75 - 120	
cis-1,3-Dichloropropene	0.0538	0.0448	83	69 - 120	
Methylene Chloride	0.0500	0.0477	95	66 - 124	
methyl isobutyl ketone	0.0500	0.0404	81	65 - 126	
Methyl tert-butyl ether	0.0500	0.0471	94	66 - 122	
2-Hexanone	0.0500	0.0382	76	58 - 120	
Dibromochloromethane	0.0500	0.0436	87	72 - 120	
Chlorobenzene	0.0500	0.0467	93	76 - 120	
Ethylbenzene	0.0500	0.0481	96	78 - 120	
Tetrachloroethene	0.0500	0.0459	92	70 - 120	
Toluene	0.0500	0.0470	94	78 - 120	
Styrene	0.0500	0.0474	95	82 - 120	
trans-1,2-Dichloroethene	0.0500	0.0455	91	70 - 120	
Bromoform	0.0500	0.0408	82	57 - 120	
trans-1,3-Dichloropropene	0.0486	0.0407	84	70 - 120	
1,1,1-Trichloroethane	0.0500	0.0437	87	70 - 120	
1,1,2,2-Tetrachloroethane	0.0500	0.0446	89	73 - 120	
1,1,2-Trichloroethane	0.0500	0.0461	92	77 - 120	
Trichloroethene	0.0500	0.0468	94	74 - 120	
Vinyl chloride	0.0500	0.0545	109	49 - 133	
Xylenes, Total	0.150	0.143	96	77 - 120	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	75 - 140
Toluene-d8 (Surr)	112	75 - 130
4-Bromofluorobenzene (Surr)	104	75 - 120
Dibromofluoromethane	104	75 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Method Blank - Batch: 500-62549

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 500-62549/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/28/2009 0057
Date Prepared: N/A

Analysis Batch: 500-62549
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Agilent 6890A GC - 5973 M
Lab File ID: 22M0427B.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Bromomethane	<0.0020		0.00055	0.0020
Acetone	<0.0040		0.0026	0.0040
Carbon disulfide	<0.0020		0.00026	0.0020
Chloroethane	<0.0020		0.00054	0.0020
Chloromethane	<0.0020		0.00060	0.0020
Methyl Ethyl Ketone	<0.0020		0.0013	0.0020
Chloroform	<0.0010		0.00027	0.0010
cis-1,2-Dichloroethene	<0.0010		0.00041	0.0010
Carbon tetrachloride	<0.0010		0.00043	0.0010
Benzene	<0.00025		0.000076	0.00025
1,1-Dichloroethane	<0.0010		0.00036	0.0010
1,2-Dichloroethane	<0.0010		0.00044	0.0010
1,1-Dichloroethene	<0.0010		0.00043	0.0010
Bromodichloromethane	<0.0020		0.00035	0.0020
1,2-Dichloropropane	<0.0010		0.00046	0.0010
cis-1,3-Dichloropropene	<0.0010		0.00037	0.0010
Methylene Chloride	<0.0020		0.00036	0.0020
methyl isobutyl ketone	<0.0020		0.00063	0.0020
Methyl tert-butyl ether	<0.0020		0.00032	0.0020
2-Hexanone	<0.0020		0.00068	0.0020
Dibromochloromethane	<0.0020		0.00038	0.0020
Chlorobenzene	<0.0010		0.00034	0.0010
Ethylbenzene	<0.00025		0.00011	0.00025
Tetrachloroethene	<0.0010		0.00028	0.0010
Toluene	<0.00025		0.00016	0.00025
Styrene	<0.0010		0.00030	0.0010
trans-1,2-Dichloroethene	<0.0010		0.00034	0.0010
Bromoform	<0.0020		0.00061	0.0020
trans-1,3-Dichloropropene	<0.0010		0.00030	0.0010
1,1,1-Trichloroethane	<0.0010		0.00045	0.0010
1,1,2,2-Tetrachloroethane	<0.0010		0.00051	0.0010
1,1,2-Trichloroethane	<0.0010		0.00063	0.0010
Trichloroethene	<0.00025		0.00010	0.00025
Vinyl chloride	<0.00025		0.00012	0.00025
Xylenes, Total	<0.0010		0.00031	0.0010
1,3-Dichloropropene, Total	<0.0010		0.00037	0.0010

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117	70 - 125
Toluene-d8 (Surr)	98	75 - 120
4-Bromofluorobenzene (Surr)	89	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane	117	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Lab Control Sample - Batch: 500-62549

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 500-62549/6
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/28/2009 0119
Date Prepared: N/A

Analysis Batch: 500-62549
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Agilent 6890A GC - 5973 M
Lab File ID: 22S0427A.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Bromomethane	0.0500	0.0591	118	55 - 169	
Acetone	0.0500	0.0463	93	34 - 135	
Carbon disulfide	0.0500	0.0439	88	26 - 125	
Chloroethane	0.0500	0.0516	103	58 - 148	
Chloromethane	0.0500	0.0488	98	44 - 157	
Methyl Ethyl Ketone	0.0500	0.0511	102	26 - 132	
Chloroform	0.0500	0.0536	107	68 - 121	
cis-1,2-Dichloroethene	0.0500	0.0558	112	70 - 123	
Carbon tetrachloride	0.0500	0.0530	106	56 - 132	
Benzene	0.0500	0.0532	106	69 - 120	
1,1-Dichloroethane	0.0500	0.0550	110	63 - 120	
1,2-Dichloroethane	0.0500	0.0544	109	59 - 125	
1,1-Dichloroethene	0.0500	0.0488	98	47 - 124	
Bromodichloromethane	0.0500	0.0560	112	69 - 131	
1,2-Dichloropropane	0.0500	0.0558	112	73 - 120	
cis-1,3-Dichloropropene	0.0538	0.0498	93	61 - 120	
Methylene Chloride	0.0500	0.0572	114	58 - 125	
methyl isobutyl ketone	0.0500	0.0513	103	45 - 140	
Methyl tert-butyl ether	0.0500	0.0438	88	44 - 137	
2-Hexanone	0.0500	0.0504	101	37 - 139	
Dibromochloromethane	0.0500	0.0502	100	66 - 123	
Chlorobenzene	0.0500	0.0468	94	76 - 120	
Ethylbenzene	0.0500	0.0468	94	77 - 120	
Tetrachloroethene	0.0500	0.0440	88	65 - 121	
Toluene	0.0500	0.0539	108	73 - 122	
Styrene	0.0500	0.0506	101	78 - 120	
trans-1,2-Dichloroethene	0.0500	0.0532	106	62 - 120	
Bromoform	0.0500	0.0528	106	59 - 120	
trans-1,3-Dichloropropene	0.0486	0.0470	97	60 - 120	
1,1,1-Trichloroethane	0.0500	0.0537	107	63 - 128	
1,1,2,2-Tetrachloroethane	0.0500	0.0519	104	62 - 122	
1,1,2-Trichloroethane	0.0500	0.0594	119	68 - 127	
Trichloroethene	0.0500	0.0507	101	70 - 120	
Vinyl chloride	0.0500	0.0560	112	60 - 140	
Xylenes, Total	0.150	0.139	92	75 - 125	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	70 - 125
Toluene-d8 (Surr)	102	75 - 120
4-Bromofluorobenzene (Surr)	99	75 - 120
Dibromofluoromethane	114	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Method Blank - Batch: 500-62552

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 500-62552/27
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/28/2009 0057
Date Prepared: 04/28/2009 0057

Analysis Batch: 500-62552
Prep Batch: N/A
Units: mg/L

Instrument ID: Agilent 6890A GC - 5973 M
Lab File ID: 22M0427B.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	MDL	RL
Bromomethane	<0.0010		0.00044	0.0010
Acetone	<0.0050		0.0012	0.0050
Carbon disulfide	<0.0050		0.00039	0.0050
Chloroethane	<0.0010		0.00045	0.0010
Chloromethane	<0.0010		0.00033	0.0010
Methyl Ethyl Ketone	<0.0050		0.00083	0.0050
Chloroform	<0.0010		0.00013	0.0010
cis-1,2-Dichloroethene	<0.0010		0.00021	0.0010
Carbon tetrachloride	<0.0010		0.00021	0.0010
Benzene	<0.0010		0.00016	0.0010
1,1-Dichloroethane	<0.0010		0.00018	0.0010
1,2-Dichloroethane	<0.0010		0.00022	0.0010
1,1-Dichloroethene	<0.0010		0.00022	0.0010
Bromodichloromethane	<0.0010		0.00018	0.0010
1,2-Dichloropropane	<0.0010		0.00023	0.0010
cis-1,3-Dichloropropene	<0.0010		0.00016	0.0010
Methylene Chloride	<0.0020		0.00099	0.0020
methyl isobutyl ketone	<0.0050		0.00058	0.0050
Methyl tert-butyl ether	<0.0010		0.00016	0.0010
2-Hexanone	<0.0050		0.00077	0.0050
Dibromochloromethane	<0.0010		0.00019	0.0010
Chlorobenzene	<0.0010		0.00017	0.0010
Ethylbenzene	<0.0010		0.00017	0.0010
Tetrachloroethene	<0.0010		0.00014	0.0010
Toluene	<0.0010		0.00016	0.0010
Styrene	<0.0010		0.00015	0.0010
trans-1,2-Dichloroethene	<0.0010		0.00017	0.0010
Bromoform	<0.0010		0.00030	0.0010
trans-1,3-Dichloropropene	<0.0010		0.00013	0.0010
1,1,1-Trichloroethane	<0.0010		0.00023	0.0010
1,1,2,2-Tetrachloroethane	<0.0010		0.00025	0.0010
1,1,2-Trichloroethane	<0.0010		0.00032	0.0010
Trichloroethene	<0.0010		0.00020	0.0010
Vinyl chloride	<0.0010		0.00023	0.0010
Xylenes, Total	<0.0020		0.00033	0.0020
1,3-Dichloropropene, Total	<0.0010		0.00016	0.0010

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117	70 - 125
Toluene-d8 (Surr)	98	75 - 120
4-Bromofluorobenzene (Surr)	89	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane	117	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Lab Control Sample - Batch: 500-62552

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 500-62552/28
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/28/2009 0119
Date Prepared: 04/28/2009 0119

Analysis Batch: 500-62552
Prep Batch: N/A
Units: mg/L

Instrument ID: Agilent 6890A GC - 5973 M
Lab File ID: 22S0427A.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Bromomethane	0.0250	0.0301	121	56 - 157	
Acetone	0.0250	0.0232	93	10 - 175	
Carbon disulfide	0.0250	0.0220	88	38 - 135	
Chloroethane	0.0250	0.0264	106	56 - 140	
Chloromethane	0.0250	0.0244	98	38 - 148	
Methyl Ethyl Ketone	0.0250	0.0258	103	28 - 160	
Chloroform	0.0250	0.0268	107	70 - 120	
cis-1,2-Dichloroethene	0.0250	0.0279	112	76 - 124	
Carbon tetrachloride	0.0250	0.0263	105	61 - 128	
Benzene	0.0250	0.0256	102	74 - 120	
1,1-Dichloroethane	0.0250	0.0275	110	69 - 120	
1,2-Dichloroethane	0.0250	0.0272	109	71 - 120	
1,1-Dichloroethene	0.0250	0.0244	98	55 - 121	
Bromodichloromethane	0.0250	0.0280	112	79 - 134	
1,2-Dichloropropane	0.0250	0.0279	112	75 - 120	
cis-1,3-Dichloropropene	0.0269	0.0249	93	64 - 120	
Methylene Chloride	0.0250	0.0286	114	65 - 126	
methyl isobutyl ketone	0.0250	0.0256	102	38 - 172	
Methyl tert-butyl ether	0.0250	0.0217	87	61 - 122	
2-Hexanone	0.0250	0.0246	99	39 - 158	
Dibromochloromethane	0.0250	0.0251	100	78 - 126	
Chlorobenzene	0.0250	0.0234	94	78 - 120	
Ethylbenzene	0.0250	0.0238	95	79 - 120	
Tetrachloroethene	0.0250	0.0220	88	65 - 120	
Toluene	0.0250	0.0261	104	78 - 120	
Styrene	0.0250	0.0255	102	80 - 121	
trans-1,2-Dichloroethene	0.0250	0.0266	106	69 - 120	
Bromoform	0.0250	0.0264	106	58 - 122	
trans-1,3-Dichloropropene	0.0243	0.0235	96	65 - 120	
1,1,1-Trichloroethane	0.0250	0.0269	108	68 - 125	
1,1,2,2-Tetrachloroethane	0.0250	0.0259	104	71 - 120	
1,1,2-Trichloroethane	0.0250	0.0297	119	74 - 123	
Trichloroethene	0.0250	0.0245	98	69 - 120	
Vinyl chloride	0.0250	0.0270	108	49 - 140	
Xylenes, Total	0.0750	0.0726	97	78 - 120	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	70 - 125
Toluene-d8 (Surr)	102	75 - 120
4-Bromofluorobenzene (Surr)	99	75 - 120
Dibromofluoromethane	114	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Method Blank - Batch: 500-61807

Method: 8270C
Preparation: 3541

Lab Sample ID: MB 500-61807/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/28/2009 1444
Date Prepared: 04/17/2009 0812

Analysis Batch: 500-62580
Prep Batch: 500-61807
Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 61807M.D
Initial Weight/Volume: 15.0000 g
Final Weight/Volume: 0.5 mL
Injection Volume: 1.0 uL

Analyte	Result	Qual	MDL	RL
Acenaphthene	<0.033		0.0042	0.033
Acenaphthylene	<0.033		0.0035	0.033
Anthracene	<0.033		0.0039	0.033
Benzo[a]anthracene	<0.033		0.0042	0.033
Benzo[a]pyrene	<0.033		0.0031	0.033
Benzo[b]fluoranthene	<0.033		0.0073	0.033
Benzo[g,h,i]perylene	<0.033		0.0057	0.033
Benzo[k]fluoranthene	<0.033		0.0071	0.033
Bis(2-chloroethoxy)methane	<0.17		0.021	0.17
Bis(2-chloroethyl)ether	<0.17		0.022	0.17
Bis(2-ethylhexyl) phthalate	<0.17		0.028	0.17
4-Bromophenyl phenyl ether	<0.17		0.013	0.17
Butyl benzyl phthalate	<0.17		0.015	0.17
Carbazole	<0.17		0.013	0.17
4-Chloroaniline	<0.67		0.13	0.67
4-Chloro-3-methylphenol	<0.33		0.081	0.33
2-Chloronaphthalene	<0.17		0.015	0.17
2-Chlorophenol	<0.17		0.029	0.17
4-Chlorophenyl phenyl ether	<0.17		0.014	0.17
Chrysene	<0.033		0.0052	0.033
Dibenz(a,h)anthracene	<0.033		0.0041	0.033
Dibenzofuran	<0.17		0.012	0.17
1,2-Dichlorobenzene	<0.17		0.017	0.17
1,3-Dichlorobenzene	<0.17		0.017	0.17
1,4-Dichlorobenzene	<0.17		0.018	0.17
3,3'-Dichlorobenzidine	<0.17		0.049	0.17
2,4-Dichlorophenol	<0.33		0.036	0.33
Diethyl phthalate	<0.17		0.017	0.17
2,4-Dimethylphenol	<0.33		0.061	0.33
Dimethyl phthalate	<0.17		0.013	0.17
Di-n-butyl phthalate	<0.17		0.013	0.17
4,6-Dinitro-2-methylphenol	<0.33		0.040	0.33
2,4-Dinitrophenol	<0.67		0.18	0.67
2,4-Dinitrotoluene	<0.17		0.018	0.17
2,6-Dinitrotoluene	<0.17		0.018	0.17
Di-n-octyl phthalate	<0.17		0.015	0.17
Fluoranthene	<0.033		0.0043	0.033
Fluorene	<0.033		0.0035	0.033
Hexachlorobenzene	<0.067		0.0048	0.067
Hexachlorobutadiene	<0.17		0.019	0.17
Hexachlorocyclopentadiene	<0.67		0.11	0.67

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Method Blank - Batch: 500-61807

Method: 8270C
Preparation: 3541

Lab Sample ID: MB 500-61807/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/28/2009 1444
Date Prepared: 04/17/2009 0812

Analysis Batch: 500-62580
Prep Batch: 500-61807
Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 61807M.D
Initial Weight/Volume: 15.0000 g
Final Weight/Volume: 0.5 mL
Injection Volume: 1.0 uL

Analyte	Result	Qual	MDL	RL
Hexachloroethane	<0.17		0.018	0.17
Indeno[1,2,3-cd]pyrene	<0.033		0.0043	0.033
Isophorone	<0.17		0.014	0.17
2-Methylnaphthalene	<0.17		0.019	0.17
2-Methylphenol	<0.17		0.033	0.17
3 & 4 Methylphenol	<0.17		0.031	0.17
Naphthalene	<0.033		0.0034	0.033
2-Nitroaniline	<0.17		0.018	0.17
3-Nitroaniline	<0.33		0.065	0.33
4-Nitroaniline	<0.33		0.071	0.33
Nitrobenzene	<0.033		0.0061	0.033
2-Nitrophenol	<0.33		0.040	0.33
4-Nitrophenol	<0.67		0.058	0.67
N-Nitrosodi-n-propylamine	<0.17		0.023	0.17
N-Nitrosodiphenylamine	<0.17		0.0099	0.17
2,2'-oxybis[1-chloropropane]	<0.17		0.017	0.17
Pentachlorophenol	<0.67		0.12	0.67
Phenanthrene	<0.033		0.0029	0.033
Phenol	<0.17		0.029	0.17
Pyrene	<0.033		0.0039	0.033
1,2,4-Trichlorobenzene	<0.17		0.016	0.17
2,4,5-Trichlorophenol	<0.33		0.047	0.33
2,4,6-Trichlorophenol	<0.33		0.034	0.33

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl	105		33 - 114
2-Fluorophenol	96		25 - 111
Nitrobenzene-d5	101		21 - 116
Phenol-d5	94		31 - 110
Terphenyl-d14	95		48 - 146
2,4,6-Tribromophenol	140	X	32 - 138

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Lab Control Sample - Batch: 500-61807

Method: 8270C
Preparation: 3541

Lab Sample ID: LCS 500-61807/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/28/2009 1504
Date Prepared: 04/17/2009 0812

Analysis Batch: 500-62580
Prep Batch: 500-61807
Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 61807BS.D
Initial Weight/Volume: 15.0000 g
Final Weight/Volume: 0.5 mL
Injection Volume: 1.0 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	1.67	1.57	94	60 - 110	
Acenaphthylene	1.67	1.60	96	61 - 110	
Anthracene	1.67	1.47	88	62 - 110	
Benzo[a]anthracene	1.67	1.58	95	60 - 117	
Benzo[a]pyrene	1.67	1.57	94	61 - 111	
Benzo[b]fluoranthene	1.67	1.62	97	56 - 118	
Benzo[g,h,i]perylene	1.67	1.77	106	61 - 113	
Benzo[k]fluoranthene	1.67	1.53	92	51 - 114	
Bis(2-chloroethoxy)methane	1.67	1.51	91	62 - 110	
Bis(2-chloroethyl)ether	1.67	1.40	84	51 - 110	
Bis(2-ethylhexyl) phthalate	1.67	1.86	111	57 - 120	
4-Bromophenyl phenyl ether	1.67	1.81	108	64 - 112	
Butyl benzyl phthalate	1.67	1.72	103	59 - 117	
Carbazole	1.67	1.44	86	63 - 110	
4-Chloroaniline	1.67	0.761	46	27 - 110	
4-Chloro-3-methylphenol	1.67	1.64	99	60 - 110	
2-Chloronaphthalene	1.67	1.53	92	44 - 116	
2-Chlorophenol	1.67	1.52	91	61 - 110	
4-Chlorophenyl phenyl ether	1.67	1.73	104	63 - 110	
Chrysene	1.67	1.59	96	56 - 117	
Dibenz(a,h)anthracene	1.67	1.63	98	37 - 124	
Dibenzofuran	1.67	1.68	101	63 - 110	
1,2-Dichlorobenzene	1.67	1.53	92	56 - 110	
1,3-Dichlorobenzene	1.67	1.47	88	54 - 110	
1,4-Dichlorobenzene	1.67	1.46	88	55 - 110	
3,3'-Dichlorobenzidine	1.67	0.767	46	33 - 110	
2,4-Dichlorophenol	1.67	1.70	102	63 - 110	
Diethyl phthalate	1.67	1.71	103	64 - 110	
2,4-Dimethylphenol	1.67	1.63	98	53 - 110	
Dimethyl phthalate	1.67	1.74	104	64 - 110	
Di-n-butyl phthalate	1.67	1.63	98	64 - 112	
4,6-Dinitro-2-methylphenol	1.67	1.30	78	20 - 112	
2,4-Dinitrophenol	1.67	0.996	60	10 - 121	
2,4-Dinitrotoluene	1.67	1.64	98	66 - 117	
2,6-Dinitrotoluene	1.67	1.63	98	67 - 112	
Di-n-octyl phthalate	1.67	1.56	93	56 - 116	
Fluoranthene	1.67	1.54	92	62 - 110	
Fluorene	1.67	1.63	98	63 - 110	
Hexachlorobenzene	1.67	1.84	110	61 - 118	
Hexachlorobutadiene	1.67	1.89	114	54 - 116	
Hexachlorocyclopentadiene	1.67	1.03	62	20 - 110	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Lab Control Sample - Batch: 500-61807

Method: 8270C
Preparation: 3541

Lab Sample ID: LCS 500-61807/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/28/2009 1504
Date Prepared: 04/17/2009 0812

Analysis Batch: 500-62580
Prep Batch: 500-61807
Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 61807BS.D
Initial Weight/Volume: 15.0000 g
Final Weight/Volume: 0.5 mL
Injection Volume: 1.0 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Hexachloroethane	1.67	1.43	86	53 - 110	
Indeno[1,2,3-cd]pyrene	1.67	1.71	103	58 - 110	
Isophorone	1.67	1.49	89	52 - 110	
2-Methylnaphthalene	1.67	1.42	85	34 - 122	
2-Methylphenol	1.67	1.46	87	58 - 110	
3 & 4 Methylphenol	1.67	1.55	93	57 - 110	
Naphthalene	1.67	1.53	92	57 - 110	
2-Nitroaniline	1.67	1.71	102	58 - 111	
3-Nitroaniline	1.67	0.887	53	39 - 112	
4-Nitroaniline	1.67	1.32	79	49 - 119	
Nitrobenzene	1.67	1.53	92	57 - 110	
2-Nitrophenol	1.67	1.58	95	60 - 110	
4-Nitrophenol	1.67	1.20	72	30 - 130	
N-Nitrosodi-n-propylamine	1.67	1.50	90	54 - 110	
N-Nitrosodiphenylamine	1.67	1.98	119	63 - 110	*
2,2'-oxybis[1-chloropropane]	1.67	1.23	74	38 - 110	
Pentachlorophenol	1.67	1.38	83	26 - 114	
Phenanthrene	1.67	1.61	97	63 - 110	
Phenol	1.67	1.60	96	50 - 110	
Pyrene	1.67	1.75	105	56 - 121	
1,2,4-Trichlorobenzene	1.67	1.71	103	58 - 110	
2,4,5-Trichlorophenol	1.67	1.95	117	63 - 116	*
2,4,6-Trichlorophenol	1.67	1.71	102	62 - 117	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	102	33 - 114
2-Fluorophenol	98	25 - 111
Nitrobenzene-d5	94	21 - 116
Phenol-d5	85	31 - 110
Terphenyl-d14	103	48 - 146
2,4,6-Tribromophenol	120	32 - 138

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-61807

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	500-18278-13	Analysis Batch:	500-62580	Instrument ID:	Agilent 6890N GC - 5973I
Client Matrix:	Solid	Prep Batch:	500-61807	Lab File ID:	18278-13S.D
Dilution:	1.0			Initial Weight/Volume:	15.6222 g
Date Analyzed:	04/28/2009 2217			Final Weight/Volume:	0.5 mL
Date Prepared:	04/17/2009 0812			Injection Volume:	1.0 uL

MSD Lab Sample ID:	500-18278-13	Analysis Batch:	500-62580	Instrument ID:	Agilent 6890N GC - 5973N
Client Matrix:	Solid	Prep Batch:	500-61807	Lab File ID:	18278-13T.D
Dilution:	1.0			Initial Weight/Volume:	15.5922 g
Date Analyzed:	04/28/2009 2237			Final Weight/Volume:	0.5 mL
Date Prepared:	04/17/2009 0812			Injection Volume:	1.0 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	64	73	60 - 110	14	30		
Acenaphthylene	57	75	61 - 110	27	30	F	
Anthracene	82	79	62 - 110	3	30		
Benzo[a]anthracene	85	79	60 - 117	6	30		
Benzo[a]pyrene	77	73	61 - 111	5	30		
Benzo[b]fluoranthene	84	79	56 - 118	5	30		
Benzo[g,h,i]perylene	83	79	61 - 113	4	30		
Benzo[k]fluoranthene	72	71	51 - 114	2	30		
Bis(2-chloroethoxy)methane	61	63	62 - 110	3	30	F	
Bis(2-chloroethyl)ether	47	43	51 - 110	7	30	F	F
Bis(2-ethylhexyl) phthalate	99	93	57 - 120	5	30		
4-Bromophenyl phenyl ether	89	96	64 - 112	7	30		
Butyl benzyl phthalate	90	85	59 - 117	5	30		
Carbazole	91	85	63 - 110	6	30		
4-Chloroaniline	47	50	27 - 110	7	30		
4-Chloro-3-methylphenol	92	85	60 - 110	8	30		
2-Chloronaphthalene	50	68	44 - 116	31	30		F
2-Chlorophenol	55	56	61 - 110	3	30	F	F
4-Chlorophenyl phenyl ether	89	88	63 - 110	1	30		
Chrysene	84	78	56 - 117	7	30		
Dibenz(a,h)anthracene	82	79	37 - 124	4	30		
Dibenzofuran	85	85	63 - 110	0	30		
1,2-Dichlorobenzene	20	20	56 - 110	3	30	F	F
1,3-Dichlorobenzene	13	13	54 - 110	2	30	F	F
1,4-Dichlorobenzene	16	15	55 - 110	6	30	F	F
3,3'-Dichlorobenzidine	30	31	33 - 110	2	30	F	F
2,4-Dichlorophenol	82	82	63 - 110	1	30		
Diethyl phthalate	67	91	64 - 110	31	30		F
2,4-Dimethylphenol	35	34	53 - 110	4	30	F	F

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-61807

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	500-18278-13	Analysis Batch:	500-62580	Instrument ID:	Agilent 6890N GC - 5973I
Client Matrix:	Solid	Prep Batch:	500-61807	Lab File ID:	18278-13S.D
Dilution:	1.0			Initial Weight/Volume:	15.6222 g
Date Analyzed:	04/28/2009 2217			Final Weight/Volume:	0.5 mL
Date Prepared:	04/17/2009 0812			Injection Volume:	1.0 uL

MSD Lab Sample ID:	500-18278-13	Analysis Batch:	500-62580	Instrument ID:	Agilent 6890N GC - 5973N
Client Matrix:	Solid	Prep Batch:	500-61807	Lab File ID:	18278-13T.D
Dilution:	1.0			Initial Weight/Volume:	15.5922 g
Date Analyzed:	04/28/2009 2237			Final Weight/Volume:	0.5 mL
Date Prepared:	04/17/2009 0812			Injection Volume:	1.0 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dimethyl phthalate	60	89	64 - 110	39	30	F	F
Di-n-butyl phthalate	93	88	64 - 112	6	30		
4,6-Dinitro-2-methylphenol	79	68	20 - 112	15	30		
2,4-Dinitrophenol	65	59	10 - 121	9	30		
2,4-Dinitrotoluene	81	80	66 - 117	0	30		
2,6-Dinitrotoluene	65	74	67 - 112	14	30	F	
Di-n-octyl phthalate	77	74	56 - 116	4	30		
Fluoranthene	98	88	62 - 110	9	30		
Fluorene	66	82	63 - 110	22	30		
Hexachlorobenzene	106	99	61 - 118	7	30		
Hexachlorobutadiene	28	26	54 - 116	8	30	F	F
Hexachlorocyclopentadiene	0	13	20 - 110	NC	30	F	J F
Hexachloroethane	10	9	53 - 110	10	30	F	J F
Indeno[1,2,3-cd]pyrene	81	77	58 - 110	4	30		
Isophorone	63	64	52 - 110	3	30		
2-Methylnaphthalene	55	54	34 - 122	1	30		
2-Methylphenol	51	51	58 - 110	1	30	F	F
3 & 4 Methylphenol	42	54	57 - 110	27	30	F	F
Naphthalene	45	45	57 - 110	0	30	F	F
2-Nitroaniline	93	92	58 - 111	1	30		
3-Nitroaniline	60	61	39 - 112	1	30		
4-Nitroaniline	82	83	49 - 119	1	30		
Nitrobenzene	55	55	57 - 110	0	30	F	F
2-Nitrophenol	64	65	60 - 110	1	30		
4-Nitrophenol	72	76	30 - 130	5	30		
N-Nitrosodi-n-propylamine	59	60	54 - 110	2	30		
N-Nitrosodiphenylamine	104	95	63 - 110	9	30		
2,2'-oxybis[1-chloropropane]	35	33	38 - 110	5	30	F	F
Pentachlorophenol	85	83	26 - 114	3	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-61807

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	500-18278-13	Analysis Batch: 500-62580	Instrument ID: Agilent 6890N GC - 5973I
Client Matrix:	Solid	Prep Batch: 500-61807	Lab File ID: 18278-13S.D
Dilution:	1.0		Initial Weight/Volume: 15.6222 g
Date Analyzed:	04/28/2009 2217		Final Weight/Volume: 0.5 mL
Date Prepared:	04/17/2009 0812		Injection Volume: 1.0 uL

MSD Lab Sample ID:	500-18278-13	Analysis Batch: 500-62580	Instrument ID: Agilent 6890N GC - 5973N
Client Matrix:	Solid	Prep Batch: 500-61807	Lab File ID: 18278-13T.D
Dilution:	1.0		Initial Weight/Volume: 15.5922 g
Date Analyzed:	04/28/2009 2237		Final Weight/Volume: 0.5 mL
Date Prepared:	04/17/2009 0812		Injection Volume: 1.0 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenanthrene	88	92	63 - 110	3	30		
Phenol	63	66	50 - 110	5	30		
Pyrene	84	77	56 - 121	7	30		
1,2,4-Trichlorobenzene	40	39	58 - 110	1	30	F	F
2,4,5-Trichlorophenol	97	94	63 - 116	3	30		
2,4,6-Trichlorophenol	78	93	62 - 117	18	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl	64	68	33 - 114
2-Fluorophenol	54	54	25 - 111
Nitrobenzene-d5	57	56	21 - 116
Phenol-d5	57	64	31 - 110
Terphenyl-d14	86	81	48 - 146
2,4,6-Tribromophenol	94	96	32 - 138

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Method Blank - Batch: 500-61818

Method: 6010B
Preparation: 3050B

Lab Sample ID: MB 500-61818/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/20/2009 1006
Date Prepared: 04/17/2009 0844

Analysis Batch: 500-61955
Prep Batch: 500-61818
Units: mg/Kg

Instrument ID: TJA ICAP 61E Trace Analy
Lab File ID: P50420A
Initial Weight/Volume: 1 g
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Aluminum	<20		1.8	20
Antimony	0.34	J	0.29	2.0
Arsenic	<1.0		0.29	1.0
Barium	<1.0		0.032	1.0
Beryllium	<0.40		0.010	0.40
Cadmium	<0.20		0.033	0.20
Calcium	4.6	J	0.85	10
Chromium	0.15	J	0.087	1.0
Cobalt	<0.50		0.073	0.50
Copper	<1.0		0.45	1.0
Iron	3.0	J	2.0	10
Lead	0.21	J	0.11	0.50
Magnesium	3.0	J	1.2	10
Manganese	<1.0		0.031	1.0
Nickel	0.087	J	0.062	1.0
Potassium	<50		6.1	50
Selenium	<1.0		0.38	1.0
Silver	<0.50		0.10	0.50
Sodium	<100		20	100
Thallium	<1.0		0.33	1.0
Vanadium	<0.50		0.085	0.50
Zinc	<2.0		0.18	2.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Lab Control Sample - Batch: 500-61818

Method: 6010B
Preparation: 3050B

Lab Sample ID: LCS 500-61818/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/20/2009 1013
Date Prepared: 04/17/2009 0844

Analysis Batch: 500-61955
Prep Batch: 500-61818
Units: mg/Kg

Instrument ID: TJA ICAP 61E Trace Analy
Lab File ID: P50420A
Initial Weight/Volume: 1 g
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	200	192	96	80 - 120	
Antimony	50.0	48.5	97	80 - 120	
Arsenic	10.0	9.86	99	80 - 120	
Barium	200	191	95	80 - 120	
Beryllium	5.00	4.96	99	80 - 120	
Cadmium	5.00	4.92	98	80 - 120	
Calcium	1000	1010	101	80 - 120	
Chromium	20.0	20.6	103	80 - 120	
Cobalt	50.0	49.6	99	80 - 120	
Copper	25.0	25.1	101	80 - 120	
Iron	100	107	107	80 - 120	
Lead	10.0	10.4	104	80 - 120	
Magnesium	1000	974	97	80 - 120	
Manganese	50.0	52.4	105	80 - 120	
Nickel	50.0	49.7	99	80 - 120	
Potassium	1000	931	93	80 - 120	
Selenium	10.0	8.80	88	80 - 120	
Silver	5.00	4.86	97	80 - 120	
Sodium	1000	943	94	80 - 120	
Thallium	10.0	9.78	98	80 - 120	
Vanadium	50.0	51.4	103	80 - 120	
Zinc	50.0	50.2	100	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-61818

Method: 6010B
Preparation: 3050B

MS Lab Sample ID: 500-18278-13
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/20/2009 1213
Date Prepared: 04/17/2009 0844

Analysis Batch: 500-61955
Prep Batch: 500-61818

Instrument ID: TJA ICAP 61E Trace
Lab File ID: P50420A
Initial Weight/Volume: 1.1100 g
Final Weight/Volume: 100 mL

MSD Lab Sample ID: 500-18278-13
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/20/2009 1219
Date Prepared: 04/17/2009 0844

Analysis Batch: 500-61955
Prep Batch: 500-61818

Instrument ID: TJA ICAP 61E Trace Analy
Lab File ID: P50420A
Initial Weight/Volume: 1.0590 g
Final Weight/Volume: 100 mL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aluminum	1270	1490	75 - 125	7	20	4	4
Antimony	53	52	75 - 125	3	20	F	F
Arsenic	96	106	75 - 125	11	20		
Barium	97	105	75 - 125	9	20		
Beryllium	95	95	75 - 125	4	20		
Cadmium	90	89	75 - 125	4	20		
Calcium	-889	-876	75 - 125	1	20	4	4
Chromium	101	103	75 - 125	5	20		
Cobalt	89	91	75 - 125	7	20		
Copper	-12	-5	75 - 125	3	20	F	F
Iron	-305	1380	75 - 125	14	20	4	4
Lead	-89	18	75 - 125	14	20	4	4
Magnesium	-501	-372	75 - 125	8	20	4	4
Manganese	-244	239	75 - 125	39	20	4	4
Nickel	88	91	75 - 125	7	20		
Potassium	134	138	75 - 125	4	20	F	F
Selenium	88	86	75 - 125	3	20		
Silver	98	97	75 - 125	4	20		
Sodium	109	110	75 - 125	5	20		
Thallium	86	89	75 - 125	8	20		
Vanadium	102	107	75 - 125	7	20		
Zinc	68	90	75 - 125	11	20	F	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Duplicate - Batch: 500-61818

Method: 6010B
Preparation: 3050B

Lab Sample ID: 500-18278-13
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/20/2009 1207
Date Prepared: 04/17/2009 0844

Analysis Batch: 500-61955
Prep Batch: 500-61818
Units: mg/Kg

Instrument ID: TJA ICAP 61E Trace Analy
Lab File ID: P50420A
Initial Weight/Volume: 1.0443 g
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	6300		7270	15	20	
Antimony	0.62	J	0.482	26	20	J
Arsenic	4.1		4.20	2	20	
Barium	110		126	14	20	
Beryllium	0.41	J	0.410	1	20	J
Cadmium	0.22	J	0.112	66	20	J
Calcium	37000		21800	53	20	F
Chromium	11		10.8	1	20	
Cobalt	5.6		6.55	16	20	
Copper	78		33.7	79	20	F
Iron	13000		12500	5	20	
Lead	88		57.0	43	20	F
Magnesium	20000		12000	52	20	F
Manganese	710		789	11	20	
Nickel	9.6		9.61	0	20	
Potassium	1000		970	5	20	
Selenium	<1.1		<1.2	NC	20	
Silver	<0.56		<0.59	NC	20	
Sodium	280		248	12	20	
Thallium	<1.1		<1.2	NC	20	
Vanadium	19		21.3	12	20	
Zinc	90		61.4	38	20	F

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Method Blank - Batch: 500-61860

Method: 7471A
Preparation: 7471A

Lab Sample ID: MB 500-61860/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/17/2009 1253
Date Prepared: 04/17/2009 1100

Analysis Batch: 500-61881
Prep Batch: 500-61860
Units: mg/Kg

Instrument ID: Leeman Labs PS200 Mercı
Lab File ID: N/A
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Mercury	<0.017		0.0067	0.017

Lab Control Sample - Batch: 500-61860

Method: 7471A
Preparation: 7471A

Lab Sample ID: LCS 500-61860/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/17/2009 1255
Date Prepared: 04/17/2009 1100

Analysis Batch: 500-61881
Prep Batch: 500-61860
Units: mg/Kg

Instrument ID: Leeman Labs PS200 Mercı
Lab File ID: N/A
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.167	0.162	97	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-61860

Method: 7471A
Preparation: 7471A

MS Lab Sample ID: 500-18278-13
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/17/2009 1335
Date Prepared: 04/17/2009 1100

Analysis Batch: 500-61881
Prep Batch: 500-61860

Instrument ID: Leeman Labs PS200 Mer
Lab File ID: N/A
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 500-18278-13
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/17/2009 1342
Date Prepared: 04/17/2009 1100

Analysis Batch: 500-61881
Prep Batch: 500-61860

Instrument ID: Leeman Labs PS200 Mercı
Lab File ID: N/A
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 50 mL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	222	196	75 - 125	8	20	F	F

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Duplicate - Batch: 500-61860

Method: 7471A
Preparation: 7471A

Lab Sample ID: 500-18278-13
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/17/2009 1332
Date Prepared: 04/17/2009 1100

Analysis Batch: 500-61881
Prep Batch: 500-61860
Units: mg/Kg

Instrument ID: Leeman Labs PS200 Merc
Lab File ID: N/A
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	0.12	0.115	4	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Method Blank - Batch: 500-61953

Method: 7471A
Preparation: 7471A

Lab Sample ID: MB 500-61953/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/20/2009 1309
Date Prepared: 04/20/2009 1130

Analysis Batch: 500-61979
Prep Batch: 500-61953
Units: mg/Kg

Instrument ID: Leeman Hg Analyzer
Lab File ID: N/A
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Mercury	<0.017		0.0067	0.017

Lab Control Sample - Batch: 500-61953

Method: 7471A
Preparation: 7471A

Lab Sample ID: LCS 500-61953/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/20/2009 1311
Date Prepared: 04/20/2009 1130

Analysis Batch: 500-61979
Prep Batch: 500-61953
Units: mg/Kg

Instrument ID: Leeman Hg Analyzer
Lab File ID: N/A
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.167	0.174	104	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Method Blank - Batch: 500-62016

Method: 9014
Preparation: 9010B

Lab Sample ID: MB 500-62016/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/21/2009 1605
Date Prepared: 04/21/2009 1140

Analysis Batch: 500-62067
Prep Batch: 500-62016
Units: mg/Kg

Instrument ID: Shimadzu UV mini 1240V
Lab File ID: N/A
Initial Weight/Volume: 1.0000 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Cyanide, Total	<0.50		0.12	0.50

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Lab Control Sample - Batch: 500-62016

Method: 9014
Preparation: 9010B

Lab Sample ID: LCS 500-62016/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/21/2009 1605
Date Prepared: 04/21/2009 1140

Analysis Batch: 500-62067
Prep Batch: 500-62016
Units: mg/Kg

Instrument ID: Shimadzu UV mini 1240V
Lab File ID: N/A
Initial Weight/Volume: 1.0000 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	5.00	5.53	111	80 - 120	

High Level Control Sample - Batch: 500-62016

Method: 9014
Preparation: 9010B

Lab Sample ID: HLCS 500-62016/25-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/21/2009 1606
Date Prepared: 04/21/2009 1140

Analysis Batch: 500-62067
Prep Batch: 500-62016
Units: mg/Kg

Instrument ID: Shimadzu UV mini 1240V
Lab File ID: N/A
Initial Weight/Volume: 1.0000 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	20.0	19.9	99	80 - 120	

Low Level Control Sample - Batch: 500-62016

Method: 9014
Preparation: 9010B

Lab Sample ID: LLCS 500-62016/26-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/21/2009 1606
Date Prepared: 04/21/2009 1140

Analysis Batch: 500-62067
Prep Batch: 500-62016
Units: mg/Kg

Instrument ID: Shimadzu UV mini 1240V
Lab File ID: N/A
Initial Weight/Volume: 1.0000 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	2.00	2.10	105	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-62016

Method: 9014
Preparation: 9010B

MS Lab Sample ID:	500-18278-13	Analysis Batch: 500-62067	Instrument ID: Shimadzu UV mini 1240V
Client Matrix:	Solid	Prep Batch: 500-62016	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 1.0926 g
Date Analyzed:	04/21/2009 1611		Final Weight/Volume: 50 mL
Date Prepared:	04/21/2009 1140		

MSD Lab Sample ID:	500-18278-13	Analysis Batch: 500-62067	Instrument ID: Shimadzu UV mini 1240V
Client Matrix:	Solid	Prep Batch: 500-62016	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 1.2754 g
Date Analyzed:	04/21/2009 1611		Final Weight/Volume: 50 mL
Date Prepared:	04/21/2009 1140		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cyanide, Total	94	107	75 - 125	3	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Duplicate - Batch: 500-61847

Method: 9045C
Preparation: N/A

Lab Sample ID: 500-18278-13
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/18/2009 1425
Date Prepared: N/A

Analysis Batch: 500-61847
Prep Batch: N/A
Units: SU

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 1.0 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
pH	7.60	7.600	0		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
Sdg Number: 500-18278-1

Duplicate - Batch: 500-61788

Method: Moisture
Preparation: N/A

Lab Sample ID: 500-18278-13
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/17/2009 0338
Date Prepared: N/A

Analysis Batch: 500-61788
Prep Batch: N/A
Units: %

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	19	19	3		
Percent Solids	81	81	1	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica

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2417 Bond Street, University Park, IL 60466
Phone: 708.534.5200 Fax: 708.534.5211

(optional)
Report To
Contact:
Company:
Address:
Address:
Phone:
Fax:
E-Mail:

(optional)
Bill To
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Chain of Custody Record

Lab Job #: 500-18278
Chain of Custody Number:
Page ____ of ____
Temperature °C of Cooler: (4.1) (3.9)

04/29/2009

Client: FGA
Client Project #: 48361
Project Name: MORGAN ST. BRIDGE
Project Location/State: ROCKFORD, IL
Lab Project #:
Sampler: A. Jarrett
Lab PM:

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None
8. Other

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOC	SVOC	Metals							Comments
1		25804-SB-6 @ 2-3'	4-15-09	9:20	6											
2		25805-SB-5 @ 2-3'		9:35	6											
3		25806-SB-7 @ 2-3'		10:20	6											DUP TAKEN
4		25807-SB-7 @ 2-3'		10:22	6											
5		25808-SB-8 @ 2-3'		10:35	6											
6		25809-SB-9 @ 2-3'		10:45	6											
7		25810-SB-14 @ 3'-4'		11:00	6											
8		25811-SB-13 @ 3'-4'		11:07	6											
9		25812-SB-12 @ 4-5'		11:25	6											
10		25813-SB-11 @ 3.5-4.5'		11:35	6											

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 10 days ___ 15 Days _____ Other

Sample Disposal
[ ] Return to Client [ ] Disposal by Lab [X] Archive for 1 Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	FGA	4-15-09	4:00	[signature]	TA	4/16/09	1030

Lab Courier:
Shipped: FX
Hand Delivered:

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments

Lab Comments:

TAL-4124-500 (0308)

TestAmerica

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Contact:
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Address:
Address:
Phone:
Fax:
E-Mail:

(optional)
Bill To
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Chain of Custody Record

Lab Job #: 500-18278

Chain of Custody Number:

Page _____ of _____

Temperature °C of Cooler:

04/29/2009

Client: FGA
Client Project #: 48361
Project Name: Morgan St. Bridge
Project Location/State: Rockford, IL
Lab Project #:
Sampler:
Lab PM:

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None
8. Other

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOC	SVOC	Metals							Comments
11		25814-SB10@ 3'-4'	4-15-09	11:45	6		X	X	X							
12		25815-SB1@ 3'-4'		13:30	6		↓	↓	↓							
13		25816-SB2@ 3'-4'		13:45	18											MS MSD
14		25817-SB3@ 3'-4'		14:05	6											
15		25818-SB4@ 2'-3'		14:20	6		↓	↓	↓							
16		Trip Blank				W	X									added by TA

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 10 days ___ 15 Days _____ Other

Sample Disposal
[ ] Return to Client [ ] Disposal by Lab [X] Archive for 1 Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	FGA	4-15-09	4:00	[signature]	TA	4/16/09	1030

Lab Courier:
Shipped: FX
Hand Delivered:

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments

Lab Comments:

TAL-4124-500 (0308)

Login Sample Receipt Check List

Client: Fehr-Graham & Associates

Job Number: 500-18278-1
SDG Number: 500-18278-1

Login Number: 18278
Creator: Lunt, Jeff T
List Number: 1

List Source: TestAmerica Chicago

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	4.1,3.9
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	
There are no discrepancies between the sample IDs on the containers 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	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

TestAmerica
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ANALYTICAL REPORT

Job Number: 500-18309-1

SDG Number: 500-18309-1

Job Description: Morgan Street Bridge

For:
Fehr-Graham & Associates
1920 Daimler Road
Rockford, IL 61112

Attention: Steve Anstine

Approved for release.
Donna L Ingersoll
Project Manager II
5/4/2009 9:38 AM

Donna L Ingersoll
Project Manager II
donna.ingersoll@testamericainc.com
05/04/2009

cc: Ms. Donna Ingersoll

These test results meet all the requirements of NELAC for accredited parameters.

The Lab Certification ID# is 100201.

All questions regarding this test report should be directed to the TestAmerica Project Manager whose signature appears on this report. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

TestAmerica Laboratories, Inc.
TestAmerica Chicago 2417 Bond Street, University Park, IL 60466
Tel (708) 534-5200 Fax (708) 534-5211 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Job Narrative
500-J18309-1

Comments
No additional comments.

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

GC/MS VOA
Method(s) 8260B: The matrix spike (MS) for sample -12 had all controlled spike recoveries within control limits. The matrix spike duplicate (MSD) had one out of five controlled spike recoveries outside the control limits. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 8260B: The following sample(s) was diluted due to the abundance of target analytes: 25821-SB17 @ 1'-2' (500-18309-3), 25828-SB26 @ .5'-1.5' (500-18309-10), 25829-SB25 @ 1-2' (500-18309-11). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: The following samples were diluted due to the abundance of non-target analytes: 25826-SB18 @ .5'-1.5' (500-18309-8), 25827-SB21 @ 1.5'-2.5' (500-18309-9), 25829-SB25 @ 1-2' (500-18309-11). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: Due to the level of dilution required for the secondary dilution, surrogate recoveries are not reported: 25827-SB21 @ 1.5'-2.5' (500-18309-9).

Method(s) 8270C: The laboratory control standard (LCS) for preparation batch 62165 exceeded control limits for the following analyte: N-Nitrosodiphenylamine. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data has been reported.

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 62165 were outside control limits for one and four analytes, respectively. The associated laboratory control sample (LCS) met acceptance criteria, except for N-Nitrosodiphenylamine.

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 62165 was outside control limits for four analytes. The associated laboratory control sample (LCS) met acceptance criteria, except for N-Nitrosodiphenylamine.

No other analytical or quality issues were noted.

Metals
Method(s) 6010B: The serial dilution performed for the following sample, 500-18309-12, was outside control limits for Ni and Zn.

Method(s) 6010B: The matrix duplicate %RPD for sample 500-18309-12 was outside the control limits for Al,As,Ca,Co,Cr,Cu,Fe,K-,Mg,Mn,Ni,Pb,V-, and Zn.

Method(s) 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 62103 were outside control limits for Mg,Pb, and Sb. The MSD was also out for Be,Co,Cu,Ni, and Se. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 7471A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for sample 500-18309-12 were outside control limits for Hg. The associated laboratory control sample (LCS) met acceptance criteria.

No other analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18309-1	**25819-SB16 @ 1'-2'**					
Acenaphthene		0.015	J	0.037	mg/Kg	8270C
Acenaphthylene		0.046		0.037	mg/Kg	8270C
Anthracene		0.087		0.037	mg/Kg	8270C
Benzo[a]anthracene		0.48		0.037	mg/Kg	8270C
Benzo[a]pyrene		0.55		0.037	mg/Kg	8270C
Benzo[b]fluoranthene		0.76		0.037	mg/Kg	8270C
Benzo[g,h,i]perylene		0.44		0.037	mg/Kg	8270C
Benzo[k]fluoranthene		0.31		0.037	mg/Kg	8270C
Chrysene		0.61		0.037	mg/Kg	8270C
Dibenz(a,h)anthracene		0.16		0.037	mg/Kg	8270C
Dibenzofuran		0.060	J	0.19	mg/Kg	8270C
Fluoranthene		0.70		0.037	mg/Kg	8270C
Fluorene		0.025	J	0.037	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		0.38		0.037	mg/Kg	8270C
2-Methylnaphthalene		0.12	J	0.19	mg/Kg	8270C
Naphthalene		0.068		0.037	mg/Kg	8270C
Phenanthrene		0.41		0.037	mg/Kg	8270C
Pyrene		0.78		0.037	mg/Kg	8270C
Aluminum		5000		20	mg/Kg	6010B
Antimony		1.3	J	2.0	mg/Kg	6010B
Arsenic		9.3		0.99	mg/Kg	6010B
Barium		69		0.99	mg/Kg	6010B
Beryllium		0.76		0.40	mg/Kg	6010B
Cadmium		0.55		0.20	mg/Kg	6010B
Calcium		12000	B	9.9	mg/Kg	6010B
Chromium		12	B	0.99	mg/Kg	6010B
Cobalt		4.6		0.50	mg/Kg	6010B
Copper		110		0.99	mg/Kg	6010B
Iron		34000	B	9.9	mg/Kg	6010B
Lead		66	B	0.50	mg/Kg	6010B
Magnesium		5400	B	9.9	mg/Kg	6010B
Manganese		400		0.99	mg/Kg	6010B
Nickel		20	B	0.99	mg/Kg	6010B
Potassium		580		50	mg/Kg	6010B
Silver		0.12	J	0.50	mg/Kg	6010B
Sodium		400		99	mg/Kg	6010B
Vanadium		24		0.50	mg/Kg	6010B
Zinc		130	B	2.0	mg/Kg	6010B
Mercury		0.11		0.019	mg/Kg	7471A
Cyanide, Total		0.31	J	0.47	mg/Kg	9014
pH		8.14		0.200	SU	9045C
Percent Moisture		13		0.10	%	Moisture
Percent Solids		87		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18309-2	**25820-SB15 @ 1'-2'**					
Acenaphthylene		0.013	J	0.039	mg/Kg	8270C
Anthracene		0.049		0.039	mg/Kg	8270C
Benzo[a]anthracene		0.21		0.039	mg/Kg	8270C
Benzo[a]pyrene		0.19		0.039	mg/Kg	8270C
Benzo[b]fluoranthene		0.24		0.039	mg/Kg	8270C
Benzo[g,h,i]perylene		0.12		0.039	mg/Kg	8270C
Benzo[k]fluoranthene		0.12		0.039	mg/Kg	8270C
Chrysene		0.19		0.039	mg/Kg	8270C
Dibenz(a,h)anthracene		0.034	J	0.039	mg/Kg	8270C
Di-n-butyl phthalate		0.061	J	0.19	mg/Kg	8270C
Fluoranthene		0.37		0.039	mg/Kg	8270C
Fluorene		0.012	J	0.039	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		0.11		0.039	mg/Kg	8270C
2-Methylnaphthalene		0.096	J	0.19	mg/Kg	8270C
Naphthalene		0.050		0.039	mg/Kg	8270C
Phenanthrene		0.24		0.039	mg/Kg	8270C
Pyrene		0.31		0.039	mg/Kg	8270C
Aluminum		5100		22	mg/Kg	6010B
Arsenic		3.0		1.1	mg/Kg	6010B
Barium		47		1.1	mg/Kg	6010B
Beryllium		0.33	J	0.45	mg/Kg	6010B
Cadmium		0.23		0.22	mg/Kg	6010B
Calcium		6800	B	11	mg/Kg	6010B
Chromium		9.4	B	1.1	mg/Kg	6010B
Cobalt		3.8		0.56	mg/Kg	6010B
Copper		37		1.1	mg/Kg	6010B
Iron		13000	B	11	mg/Kg	6010B
Lead		44	B	0.56	mg/Kg	6010B
Magnesium		4100	B	11	mg/Kg	6010B
Manganese		450		1.1	mg/Kg	6010B
Nickel		8.4	B	1.1	mg/Kg	6010B
Potassium		480		56	mg/Kg	6010B
Sodium		170		110	mg/Kg	6010B
Vanadium		16		0.56	mg/Kg	6010B
Zinc		51	B	2.2	mg/Kg	6010B
Mercury		0.020		0.020	mg/Kg	7471A
pH		8.40		0.200	SU	9045C
Percent Moisture		16		0.10	%	Moisture
Percent Solids		84		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18309-3	**25821-SB17 @ 1'-2'**					
Methylene Chloride		0.18		0.074	mg/Kg	8260B
Tetrachloroethene		0.17		0.037	mg/Kg	8260B
Trichloroethene		1.0		0.0092	mg/Kg	8260B
Acenaphthene		0.90		0.036	mg/Kg	8270C
Acenaphthylene		0.029	J	0.036	mg/Kg	8270C
Anthracene		1.5		0.036	mg/Kg	8270C
Benzo[a]anthracene		2.5		0.036	mg/Kg	8270C
Benzo[a]pyrene		1.9		0.036	mg/Kg	8270C
Benzo[b]fluoranthene		2.6		0.036	mg/Kg	8270C
Benzo[g,h,i]perylene		1.3		0.036	mg/Kg	8270C
Benzo[k]fluoranthene		0.92		0.036	mg/Kg	8270C
Carbazole		1.2		0.18	mg/Kg	8270C
Chrysene		2.8		0.36	mg/Kg	8270C
Dibenz(a,h)anthracene		0.70		0.036	mg/Kg	8270C
Dibenzofuran		0.72		0.18	mg/Kg	8270C
Fluoranthene		6.9		0.36	mg/Kg	8270C
Fluorene		1.1		0.036	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		1.2		0.036	mg/Kg	8270C
2-Methylnaphthalene		0.18	J	0.18	mg/Kg	8270C
Naphthalene		0.36		0.036	mg/Kg	8270C
Phenanthrene		7.7		0.36	mg/Kg	8270C
Pyrene		5.2		0.36	mg/Kg	8270C
Aluminum		2400		22	mg/Kg	6010B
Antimony		1.7	J	2.2	mg/Kg	6010B
Arsenic		24		1.1	mg/Kg	6010B
Barium		34		1.1	mg/Kg	6010B
Beryllium		0.25	J	0.44	mg/Kg	6010B
Cadmium		0.33		0.22	mg/Kg	6010B
Calcium		2500	B	11	mg/Kg	6010B
Chromium		22	B	1.1	mg/Kg	6010B
Cobalt		45		0.55	mg/Kg	6010B
Copper		130		1.1	mg/Kg	6010B
Iron		100000	B	110	mg/Kg	6010B
Lead		15	B	0.55	mg/Kg	6010B
Magnesium		1400	B	11	mg/Kg	6010B
Manganese		2000		11	mg/Kg	6010B
Nickel		76	B	1.1	mg/Kg	6010B
Potassium		310		55	mg/Kg	6010B
Selenium		1.2		1.1	mg/Kg	6010B
Silver		0.17	J	0.55	mg/Kg	6010B
Sodium		470		110	mg/Kg	6010B
Vanadium		38		0.55	mg/Kg	6010B
Zinc		110	B	2.2	mg/Kg	6010B
Mercury		0.24		0.019	mg/Kg	7471A
Cyanide, Total		0.24	J	0.39	mg/Kg	9014
pH		8.58		0.200	SU	9045C
Percent Moisture		11		0.10	%	Moisture
Percent Solids		89		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18309-4	**25822-SB17 @ 1'-2' DUP**					
Acetone		0.011		0.0036	mg/Kg	8260B
Carbon disulfide		0.0036	J	0.0036	mg/Kg	8260B
Tetrachloroethene		0.013		0.0036	mg/Kg	8260B
Trichloroethene		1.1		0.011	mg/Kg	8260B
Acenaphthene		0.14		0.038	mg/Kg	8270C
Acenaphthylene		0.033	J	0.038	mg/Kg	8270C
Anthracene		0.44		0.038	mg/Kg	8270C
Benzo[a]anthracene		1.2		0.038	mg/Kg	8270C
Benzo[a]pyrene		0.89		0.038	mg/Kg	8270C
Benzo[b]fluoranthene		1.3		0.038	mg/Kg	8270C
Benzo[g,h,i]perylene		0.55		0.038	mg/Kg	8270C
Benzo[k]fluoranthene		0.40		0.038	mg/Kg	8270C
Carbazole		0.21		0.19	mg/Kg	8270C
Chrysene		1.0		0.038	mg/Kg	8270C
Dibenz(a,h)anthracene		0.25		0.038	mg/Kg	8270C
Dibenzofuran		0.14	J	0.19	mg/Kg	8270C
Fluoranthene		2.0		0.038	mg/Kg	8270C
Fluorene		0.24		0.038	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		0.51		0.038	mg/Kg	8270C
2-Methylnaphthalene		0.058	J	0.19	mg/Kg	8270C
Naphthalene		0.062		0.038	mg/Kg	8270C
Phenanthrene		1.9		0.038	mg/Kg	8270C
Pyrene		1.8		0.038	mg/Kg	8270C
Aluminum		6000		20	mg/Kg	6010B
Antimony		0.54	J	2.0	mg/Kg	6010B
Arsenic		6.2		1.0	mg/Kg	6010B
Barium		68		1.0	mg/Kg	6010B
Beryllium		0.48		0.41	mg/Kg	6010B
Cadmium		0.28		0.20	mg/Kg	6010B
Calcium		20000	B	10	mg/Kg	6010B
Chromium		11	B	1.0	mg/Kg	6010B
Cobalt		6.3		0.51	mg/Kg	6010B
Copper		55		1.0	mg/Kg	6010B
Iron		19000	B	10	mg/Kg	6010B
Lead		68	B	0.51	mg/Kg	6010B
Magnesium		10000	B	10	mg/Kg	6010B
Manganese		490		1.0	mg/Kg	6010B
Nickel		15	B	1.0	mg/Kg	6010B
Potassium		980		51	mg/Kg	6010B
Sodium		1100		100	mg/Kg	6010B
Vanadium		20		0.51	mg/Kg	6010B
Zinc		89	B	2.0	mg/Kg	6010B
Mercury		0.30		0.020	mg/Kg	7471A
Cyanide, Total		0.17	J	0.34	mg/Kg	9014
pH		8.17		0.200	SU	9045C
Percent Moisture		15		0.10	%	Moisture
Percent Solids		85		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18309-5	**25823-SB19 @ 1.5'-2.5'**					
Acenaphthene		0.28		0.039	mg/Kg	8270C
Acenaphthylene		0.11		0.039	mg/Kg	8270C
Anthracene		0.81		0.039	mg/Kg	8270C
Benzo[a]anthracene		1.9		0.039	mg/Kg	8270C
Benzo[a]pyrene		1.5		0.039	mg/Kg	8270C
Benzo[b]fluoranthene		1.8		0.039	mg/Kg	8270C
Benzo[g,h,i]perylene		0.91		0.039	mg/Kg	8270C
Benzo[k]fluoranthene		0.82		0.039	mg/Kg	8270C
Carbazole		0.30		0.20	mg/Kg	8270C
Chrysene		1.9		0.039	mg/Kg	8270C
Dibenz(a,h)anthracene		0.32		0.039	mg/Kg	8270C
Dibenzofuran		0.26		0.20	mg/Kg	8270C
Fluoranthene		3.5		0.19	mg/Kg	8270C
Fluorene		0.41		0.039	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		0.83		0.039	mg/Kg	8270C
2-Methylnaphthalene		0.61		0.20	mg/Kg	8270C
Naphthalene		0.47		0.039	mg/Kg	8270C
Phenanthrene		3.2		0.19	mg/Kg	8270C
Pyrene		3.6		0.19	mg/Kg	8270C
Aluminum		6600		20	mg/Kg	6010B
Arsenic		6.6		1.0	mg/Kg	6010B
Barium		63		1.0	mg/Kg	6010B
Beryllium		0.48		0.41	mg/Kg	6010B
Cadmium		0.28		0.20	mg/Kg	6010B
Calcium		31000	B	10	mg/Kg	6010B
Chromium		11	B	1.0	mg/Kg	6010B
Cobalt		4.3		0.51	mg/Kg	6010B
Copper		24		1.0	mg/Kg	6010B
Iron		16000	B	10	mg/Kg	6010B
Lead		160	B	0.51	mg/Kg	6010B
Magnesium		16000	B	10	mg/Kg	6010B
Manganese		240		1.0	mg/Kg	6010B
Nickel		13	B	1.0	mg/Kg	6010B
Potassium		910		51	mg/Kg	6010B
Sodium		750		100	mg/Kg	6010B
Vanadium		21		0.51	mg/Kg	6010B
Zinc		83	B	2.0	mg/Kg	6010B
Mercury		0.44		0.020	mg/Kg	7471A
pH		9.10		0.200	SU	9045C
Percent Moisture		16		0.10	%	Moisture
Percent Solids		84		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18309-6	**25824-SB20 @ 2'-3'**					
Acenaphthene		1.8		0.73	mg/Kg	8270C
Acenaphthylene		1.1		0.73	mg/Kg	8270C
Anthracene		6.9		0.73	mg/Kg	8270C
Benzo[a]anthracene		17		0.73	mg/Kg	8270C
Benzo[a]pyrene		13		0.73	mg/Kg	8270C
Benzo[b]fluoranthene		13		0.73	mg/Kg	8270C
Benzo[g,h,i]perylene		7.2		0.73	mg/Kg	8270C
Benzo[k]fluoranthene		7.9		0.73	mg/Kg	8270C
Carbazole		3.4	J	3.7	mg/Kg	8270C
Chrysene		14		0.73	mg/Kg	8270C
Dibenz(a,h)anthracene		2.1		0.73	mg/Kg	8270C
Dibenzofuran		1.6		0.18	mg/Kg	8270C
Fluoranthene		32		0.73	mg/Kg	8270C
Fluorene		3.5		0.73	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		6.6		0.73	mg/Kg	8270C
2-Methylnaphthalene		0.98		0.18	mg/Kg	8270C
3 & 4 Methylphenol		0.059	J	0.18	mg/Kg	8270C
Naphthalene		1.5		0.036	mg/Kg	8270C
Phenanthrene		33		0.73	mg/Kg	8270C
Pyrene		28		0.73	mg/Kg	8270C
Aluminum		5100		20	mg/Kg	6010B
Antimony		0.88	J	2.0	mg/Kg	6010B
Arsenic		8.1		1.0	mg/Kg	6010B
Barium		74		1.0	mg/Kg	6010B
Beryllium		0.54		0.40	mg/Kg	6010B
Cadmium		0.64		0.20	mg/Kg	6010B
Calcium		29000	B	10	mg/Kg	6010B
Chromium		11	B	1.0	mg/Kg	6010B
Cobalt		4.1		0.50	mg/Kg	6010B
Copper		83		1.0	mg/Kg	6010B
Iron		26000	B	10	mg/Kg	6010B
Lead		64	B	0.50	mg/Kg	6010B
Magnesium		14000	B	10	mg/Kg	6010B
Manganese		520		1.0	mg/Kg	6010B
Nickel		24	B	1.0	mg/Kg	6010B
Potassium		650		50	mg/Kg	6010B
Silver		0.14	J	0.50	mg/Kg	6010B
Sodium		650		100	mg/Kg	6010B
Vanadium		20		0.50	mg/Kg	6010B
Zinc		100	B	2.0	mg/Kg	6010B
Mercury		5.6		0.38	mg/Kg	7471A
Cyanide, Total		0.15	J	0.44	mg/Kg	9014
pH		9.13		0.200	SU	9045C
Percent Moisture		13		0.10	%	Moisture
Percent Solids		87		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18309-7	**25825-SB22 @ 3'-4'**					
Acenaphthene		0.17		0.036	mg/Kg	8270C
Acenaphthylene		0.064		0.036	mg/Kg	8270C
Anthracene		0.40		0.036	mg/Kg	8270C
Benzo[a]anthracene		1.0		0.036	mg/Kg	8270C
Benzo[a]pyrene		1.1		0.036	mg/Kg	8270C
Benzo[b]fluoranthene		1.1		0.036	mg/Kg	8270C
Benzo[g,h,i]perylene		0.73		0.036	mg/Kg	8270C
Benzo[k]fluoranthene		0.55		0.036	mg/Kg	8270C
Carbazole		0.17	J	0.18	mg/Kg	8270C
Chrysene		1.4		0.036	mg/Kg	8270C
Dibenz(a,h)anthracene		0.20		0.036	mg/Kg	8270C
Dibenzofuran		0.14	J	0.18	mg/Kg	8270C
Di-n-butyl phthalate		0.026	J	0.18	mg/Kg	8270C
Fluoranthene		1.8		0.036	mg/Kg	8270C
Fluorene		0.19		0.036	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		0.66		0.036	mg/Kg	8270C
2-Methylnaphthalene		0.13	J	0.18	mg/Kg	8270C
Naphthalene		0.18		0.036	mg/Kg	8270C
Phenanthrene		1.7		0.036	mg/Kg	8270C
Pyrene		1.9		0.036	mg/Kg	8270C
Aluminum		4700		21	mg/Kg	6010B
Antimony		2.7		2.1	mg/Kg	6010B
Arsenic		9.2		1.0	mg/Kg	6010B
Barium		62		1.0	mg/Kg	6010B
Beryllium		0.49		0.41	mg/Kg	6010B
Cadmium		0.76		0.21	mg/Kg	6010B
Calcium		28000	B	10	mg/Kg	6010B
Chromium		14	B	1.0	mg/Kg	6010B
Cobalt		4.4		0.52	mg/Kg	6010B
Copper		72		1.0	mg/Kg	6010B
Iron		45000	B	10	mg/Kg	6010B
Lead		100	B	0.52	mg/Kg	6010B
Magnesium		12000	B	10	mg/Kg	6010B
Manganese		420		1.0	mg/Kg	6010B
Nickel		13	B	1.0	mg/Kg	6010B
Potassium		840		52	mg/Kg	6010B
Silver		0.11	J	0.52	mg/Kg	6010B
Sodium		460		100	mg/Kg	6010B
Vanadium		23		0.52	mg/Kg	6010B
Zinc		130	B	2.1	mg/Kg	6010B
Mercury		0.12		0.019	mg/Kg	7471A
Cyanide, Total		0.14	J	0.44	mg/Kg	9014
pH		8.24		0.200	SU	9045C
Percent Moisture		11		0.10	%	Moisture
Percent Solids		89		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18309-8	**25826-SB18 @ .5'-1.5'**					
Acenaphthene		0.15	J	0.18	mg/Kg	8270C
Acenaphthylene		0.28		0.18	mg/Kg	8270C
Anthracene		0.63		0.18	mg/Kg	8270C
Benzo[a]anthracene		2.0		0.18	mg/Kg	8270C
Benzo[a]pyrene		2.3		0.18	mg/Kg	8270C
Benzo[b]fluoranthene		2.5		0.18	mg/Kg	8270C
Benzo[g,h,i]perylene		1.4		0.18	mg/Kg	8270C
Benzo[k]fluoranthene		1.4		0.18	mg/Kg	8270C
Carbazole		0.21	J	0.90	mg/Kg	8270C
Chrysene		2.6		0.18	mg/Kg	8270C
Dibenz(a,h)anthracene		0.43		0.18	mg/Kg	8270C
Dibenzofuran		0.23	J	0.90	mg/Kg	8270C
Fluoranthene		4.0		0.18	mg/Kg	8270C
Fluorene		0.27		0.18	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		1.3		0.18	mg/Kg	8270C
2-Methylnaphthalene		0.37	J	0.90	mg/Kg	8270C
Naphthalene		0.30		0.18	mg/Kg	8270C
Phenanthrene		2.9		0.18	mg/Kg	8270C
Pyrene		3.9		0.18	mg/Kg	8270C
Aluminum		2800		22	mg/Kg	6010B
Antimony		1.8	J	2.2	mg/Kg	6010B
Arsenic		8.5		1.1	mg/Kg	6010B
Barium		36		1.1	mg/Kg	6010B
Beryllium		0.24	J	0.43	mg/Kg	6010B
Cadmium		1.3		0.22	mg/Kg	6010B
Calcium		73000	B	11	mg/Kg	6010B
Chromium		8.8	B	1.1	mg/Kg	6010B
Cobalt		5.6		0.54	mg/Kg	6010B
Copper		53		1.1	mg/Kg	6010B
Iron		100000	B	110	mg/Kg	6010B
Lead		45	B	0.54	mg/Kg	6010B
Magnesium		44000	B	11	mg/Kg	6010B
Manganese		970		1.1	mg/Kg	6010B
Nickel		12	B	1.1	mg/Kg	6010B
Potassium		420		54	mg/Kg	6010B
Sodium		550		110	mg/Kg	6010B
Vanadium		16		0.54	mg/Kg	6010B
Zinc		44	B	2.2	mg/Kg	6010B
Mercury		0.10		0.019	mg/Kg	7471A
pH		9.10		0.200	SU	9045C
Percent Moisture		10		0.10	%	Moisture
Percent Solids		90		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18309-9	**25827-SB21 @ 1.5'-2.5'**					
Acetone		0.080		0.0053	mg/Kg	8260B
Carbon disulfide		0.0040	J	0.0053	mg/Kg	8260B
cis-1,2-Dichloroethene		0.013		0.0053	mg/Kg	8260B
Trichloroethene		0.033		0.0053	mg/Kg	8260B
Acenaphthene		5.8		0.18	mg/Kg	8270C
Acenaphthylene		0.81		0.18	mg/Kg	8270C
Anthracene		12		0.18	mg/Kg	8270C
Benzo[a]anthracene		51		3.7	mg/Kg	8270C
Benzo[a]pyrene		43		3.7	mg/Kg	8270C
Benzo[b]fluoranthene		50		3.7	mg/Kg	8270C
Benzo[g,h,i]perylene		27		3.7	mg/Kg	8270C
Benzo[k]fluoranthene		30		3.7	mg/Kg	8270C
Carbazole		9.0		0.93	mg/Kg	8270C
Chrysene		48		3.7	mg/Kg	8270C
Dibenz(a,h)anthracene		11		0.18	mg/Kg	8270C
Dibenzofuran		3.0		0.93	mg/Kg	8270C
Fluoranthene		96		3.7	mg/Kg	8270C
Fluorene		5.8		0.18	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		25		3.7	mg/Kg	8270C
2-Methylnaphthalene		1.1		0.93	mg/Kg	8270C
Naphthalene		2.3		0.18	mg/Kg	8270C
Phenanthrene		72		3.7	mg/Kg	8270C
Pyrene		89		3.7	mg/Kg	8270C
Aluminum		3800		21	mg/Kg	6010B
Antimony		6.0		2.1	mg/Kg	6010B
Arsenic		40		1.1	mg/Kg	6010B
Barium		270		1.1	mg/Kg	6010B
Beryllium		0.94		0.43	mg/Kg	6010B
Cadmium		5.7		0.21	mg/Kg	6010B
Calcium		85000	B	11	mg/Kg	6010B
Chromium		22	B	1.1	mg/Kg	6010B
Cobalt		5.5		0.54	mg/Kg	6010B
Copper		1700		1.1	mg/Kg	6010B
Iron		49000	B	11	mg/Kg	6010B
Lead		840	B	0.54	mg/Kg	6010B
Magnesium		47000	B	11	mg/Kg	6010B
Manganese		490		1.1	mg/Kg	6010B
Nickel		19	B	1.1	mg/Kg	6010B
Potassium		1200		54	mg/Kg	6010B
Silver		0.79		0.54	mg/Kg	6010B
Sodium		910		110	mg/Kg	6010B
Vanadium		17		0.54	mg/Kg	6010B
Zinc		1500	B	2.1	mg/Kg	6010B
Mercury		3.3		0.40	mg/Kg	7471A
Cyanide, Total		0.32	J	0.47	mg/Kg	9014
pH		8.77		0.200	SU	9045C
Percent Moisture		14		0.10	%	Moisture
Percent Solids		86		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18309-10	**25828-SB26 @ .5'-1.5'**					
Ethylbenzene		0.076		0.024	mg/Kg	8260B
Methylene Chloride		0.43		0.19	mg/Kg	8260B
Toluene		0.10		0.024	mg/Kg	8260B
Xylenes, Total		0.63		0.097	mg/Kg	8260B
Acenaphthene		0.021	J	0.038	mg/Kg	8270C
Acenaphthylene		0.018	J	0.038	mg/Kg	8270C
Anthracene		0.11		0.038	mg/Kg	8270C
Benzo[a]anthracene		0.41		0.038	mg/Kg	8270C
Benzo[a]pyrene		0.39		0.038	mg/Kg	8270C
Benzo[b]fluoranthene		0.44		0.038	mg/Kg	8270C
Benzo[g,h,i]perylene		0.23		0.038	mg/Kg	8270C
Benzo[k]fluoranthene		0.20		0.038	mg/Kg	8270C
Chrysene		0.36		0.038	mg/Kg	8270C
Dibenz(a,h)anthracene		0.091		0.038	mg/Kg	8270C
Dibenzofuran		0.057	J	0.19	mg/Kg	8270C
Fluoranthene		0.71		0.038	mg/Kg	8270C
Fluorene		0.026	J	0.038	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		0.22		0.038	mg/Kg	8270C
2-Methylnaphthalene		0.21		0.19	mg/Kg	8270C
Naphthalene		0.13		0.038	mg/Kg	8270C
Phenanthrene		0.47		0.038	mg/Kg	8270C
Pyrene		0.73		0.038	mg/Kg	8270C
Aluminum		7900		22	mg/Kg	6010B
Arsenic		4.8		1.1	mg/Kg	6010B
Barium		120		1.1	mg/Kg	6010B
Beryllium		0.56		0.44	mg/Kg	6010B
Cadmium		0.32		0.22	mg/Kg	6010B
Calcium		16000	B	11	mg/Kg	6010B
Chromium		11	B	1.1	mg/Kg	6010B
Cobalt		6.0		0.55	mg/Kg	6010B
Copper		14		1.1	mg/Kg	6010B
Iron		16000	B	11	mg/Kg	6010B
Lead		23	B	0.55	mg/Kg	6010B
Magnesium		8300	B	11	mg/Kg	6010B
Manganese		450		1.1	mg/Kg	6010B
Nickel		11	B	1.1	mg/Kg	6010B
Potassium		1100		55	mg/Kg	6010B
Sodium		810		110	mg/Kg	6010B
Vanadium		22		0.55	mg/Kg	6010B
Zinc		87	B	2.2	mg/Kg	6010B
Mercury		0.043		0.020	mg/Kg	7471A
pH		7.15		0.200	SU	9045C
Percent Moisture		17		0.10	%	Moisture
Percent Solids		83		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18309-11	**25829-SB25 @ 1-2'**					
Ethylbenzene		0.025		0.012	mg/Kg	8260B
Methylene Chloride		0.25		0.097	mg/Kg	8260B
Xylenes, Total		0.062		0.049	mg/Kg	8260B
Acenaphthene		1.2		0.91	mg/Kg	8270C
Acenaphthylene		0.70		0.18	mg/Kg	8270C
Anthracene		2.0		0.91	mg/Kg	8270C
Benzo[a]anthracene		10		0.91	mg/Kg	8270C
Benzo[a]pyrene		11		0.91	mg/Kg	8270C
Benzo[b]fluoranthene		13		0.91	mg/Kg	8270C
Benzo[g,h,i]perylene		6.0		0.91	mg/Kg	8270C
Benzo[k]fluoranthene		6.5		0.91	mg/Kg	8270C
Carbazole		0.78	J	0.92	mg/Kg	8270C
Chrysene		10		0.91	mg/Kg	8270C
Dibenz(a,h)anthracene		1.9		0.91	mg/Kg	8270C
Dibenzofuran		0.78	J	0.92	mg/Kg	8270C
Di-n-butyl phthalate		0.65	J	0.92	mg/Kg	8270C
Fluoranthene		16		0.91	mg/Kg	8270C
Fluorene		1.3		0.91	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		5.8		0.91	mg/Kg	8270C
2-Methylnaphthalene		0.65	J	0.92	mg/Kg	8270C
Naphthalene		0.42		0.18	mg/Kg	8270C
Phenanthrene		8.3		0.91	mg/Kg	8270C
Pyrene		15		0.91	mg/Kg	8270C
Aluminum		3800		22	mg/Kg	6010B
Antimony		1.7	J	2.2	mg/Kg	6010B
Arsenic		6.8		1.1	mg/Kg	6010B
Barium		52		1.1	mg/Kg	6010B
Beryllium		0.63		0.44	mg/Kg	6010B
Cadmium		1.9		0.22	mg/Kg	6010B
Calcium		49000	B	11	mg/Kg	6010B
Chromium		11	B	1.1	mg/Kg	6010B
Cobalt		3.6		0.55	mg/Kg	6010B
Copper		71		1.1	mg/Kg	6010B
Iron		26000	B	11	mg/Kg	6010B
Lead		120	B	0.55	mg/Kg	6010B
Magnesium		26000	B	11	mg/Kg	6010B
Manganese		340		1.1	mg/Kg	6010B
Nickel		15	B	1.1	mg/Kg	6010B
Potassium		600		55	mg/Kg	6010B
Silver		0.19	J	0.55	mg/Kg	6010B
Sodium		430		110	mg/Kg	6010B
Vanadium		14		0.55	mg/Kg	6010B
Zinc		640	B	2.2	mg/Kg	6010B
Mercury		0.15		0.019	mg/Kg	7471A
Cyanide, Total		0.14	J	0.35	mg/Kg	9014
pH		7.83		0.200	SU	9045C
Percent Moisture		13		0.10	%	Moisture
Percent Solids		87		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18309-12	**25830-SB23 @ 1-2'**					
Acetone		0.019		0.0030	mg/Kg	8260B
Anthracene		0.017	J	0.037	mg/Kg	8270C
Benzo[a]anthracene		0.10		0.037	mg/Kg	8270C
Benzo[a]pyrene		0.12		0.037	mg/Kg	8270C
Benzo[b]fluoranthene		0.16		0.037	mg/Kg	8270C
Benzo[g,h,i]perylene		0.092		0.037	mg/Kg	8270C
Benzo[k]fluoranthene		0.061		0.037	mg/Kg	8270C
Chrysene		0.11		0.037	mg/Kg	8270C
Dibenz(a,h)anthracene		0.025	J	0.037	mg/Kg	8270C
Fluoranthene		0.18		0.037	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		0.084		0.037	mg/Kg	8270C
Phenanthrene		0.062		0.037	mg/Kg	8270C
Pyrene		0.17		0.037	mg/Kg	8270C
Aluminum		3800		20	mg/Kg	6010B
Arsenic		2.2		1.0	mg/Kg	6010B
Barium		73		1.0	mg/Kg	6010B
Beryllium		0.23	J	0.40	mg/Kg	6010B
Cadmium		0.15	J	0.20	mg/Kg	6010B
Calcium		5400	B	10	mg/Kg	6010B
Chromium		5.7	B	1.0	mg/Kg	6010B
Cobalt		3.2		0.50	mg/Kg	6010B
Copper		4.7		1.0	mg/Kg	6010B
Iron		5900	B	10	mg/Kg	6010B
Lead		21	B	0.50	mg/Kg	6010B
Magnesium		3300	B	10	mg/Kg	6010B
Manganese		550		1.0	mg/Kg	6010B
Nickel		5.3	B V	1.0	mg/Kg	6010B
Potassium		450		50	mg/Kg	6010B
Sodium		150		100	mg/Kg	6010B
Vanadium		11		0.50	mg/Kg	6010B
Zinc		27	B V	2.0	mg/Kg	6010B
Mercury		0.36		0.019	mg/Kg	7471A
pH		8.45		0.200	SU	9045C
Percent Moisture		12		0.10	%	Moisture
Percent Solids		88		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18309-13	**25831-SB24 @ 1-2'**					
Acetone		0.021		0.0023	mg/Kg	8260B
Acenaphthene		0.34		0.036	mg/Kg	8270C
Acenaphthylene		0.27		0.036	mg/Kg	8270C
Anthracene		1.0		0.036	mg/Kg	8270C
Benzo[a]anthracene		2.2		0.036	mg/Kg	8270C
Benzo[a]pyrene		1.7		0.036	mg/Kg	8270C
Benzo[b]fluoranthene		1.8		0.036	mg/Kg	8270C
Benzo[g,h,i]perylene		0.84		0.036	mg/Kg	8270C
Benzo[k]fluoranthene		1.1		0.036	mg/Kg	8270C
Carbazole		0.40		0.18	mg/Kg	8270C
Chrysene		1.9		0.036	mg/Kg	8270C
Dibenz(a,h)anthracene		0.39		0.036	mg/Kg	8270C
Dibenzofuran		0.25		0.18	mg/Kg	8270C
Fluoranthene		5.2		0.36	mg/Kg	8270C
Fluorene		0.45		0.036	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		0.88		0.036	mg/Kg	8270C
2-Methylnaphthalene		0.074	J	0.18	mg/Kg	8270C
Naphthalene		0.092		0.036	mg/Kg	8270C
Phenanthrene		4.1		0.36	mg/Kg	8270C
Pyrene		4.4		0.36	mg/Kg	8270C
Aluminum		4000		19	mg/Kg	6010B
Antimony		0.34	J	1.9	mg/Kg	6010B
Arsenic		6.5		0.95	mg/Kg	6010B
Barium		62		0.95	mg/Kg	6010B
Beryllium		0.39		0.38	mg/Kg	6010B
Cadmium		0.58		0.19	mg/Kg	6010B
Calcium		6800	B	9.5	mg/Kg	6010B
Chromium		7.1	B	0.95	mg/Kg	6010B
Cobalt		3.0		0.47	mg/Kg	6010B
Copper		10		0.95	mg/Kg	6010B
Iron		6700	B	9.5	mg/Kg	6010B
Lead		46	B	0.47	mg/Kg	6010B
Magnesium		2900	B	9.5	mg/Kg	6010B
Manganese		320		0.95	mg/Kg	6010B
Nickel		6.4	B	0.95	mg/Kg	6010B
Potassium		500		47	mg/Kg	6010B
Sodium		460		95	mg/Kg	6010B
Vanadium		13		0.47	mg/Kg	6010B
Zinc		77	B	1.9	mg/Kg	6010B
Mercury		0.13		0.019	mg/Kg	7471A
pH		8.75		0.200	SU	9045C
Percent Moisture		10		0.10	%	Moisture
Percent Solids		90		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
500-18309-14	**25832-SB27 @ 0-2'**					
Acetone		0.0039		0.0039	mg/Kg	8260B
Acenaphthene		0.032	J	0.033	mg/Kg	8270C
Acenaphthylene		0.070		0.033	mg/Kg	8270C
Anthracene		0.11		0.033	mg/Kg	8270C
Benzo[a]anthracene		0.35		0.033	mg/Kg	8270C
Benzo[a]pyrene		0.41		0.033	mg/Kg	8270C
Benzo[b]fluoranthene		0.48		0.033	mg/Kg	8270C
Benzo[g,h,i]perylene		0.26		0.033	mg/Kg	8270C
Benzo[k]fluoranthene		0.23		0.033	mg/Kg	8270C
Carbazole		0.042	J	0.17	mg/Kg	8270C
Chrysene		0.47		0.033	mg/Kg	8270C
Dibenz(a,h)anthracene		0.068		0.033	mg/Kg	8270C
Dibenzofuran		0.11	J	0.17	mg/Kg	8270C
Di-n-butyl phthalate		0.023	J	0.17	mg/Kg	8270C
Fluoranthene		0.68		0.033	mg/Kg	8270C
Fluorene		0.049		0.033	mg/Kg	8270C
Indeno[1,2,3-cd]pyrene		0.21		0.033	mg/Kg	8270C
2-Methylnaphthalene		0.092	J	0.17	mg/Kg	8270C
Naphthalene		0.063		0.033	mg/Kg	8270C
Phenanthrene		0.60		0.033	mg/Kg	8270C
Pyrene		0.63		0.033	mg/Kg	8270C
Aluminum		1800		18	mg/Kg	6010B
Arsenic		16		0.88	mg/Kg	6010B
Barium		17		0.88	mg/Kg	6010B
Beryllium		0.18	J	0.35	mg/Kg	6010B
Cadmium		0.33		0.18	mg/Kg	6010B
Calcium		37000	B	8.8	mg/Kg	6010B
Chromium		4.3	B	0.88	mg/Kg	6010B
Cobalt		1.6		0.44	mg/Kg	6010B
Copper		10		0.88	mg/Kg	6010B
Iron		4600	B	8.8	mg/Kg	6010B
Lead		460	B	0.44	mg/Kg	6010B
Magnesium		17000	B	8.8	mg/Kg	6010B
Manganese		140		0.88	mg/Kg	6010B
Nickel		4.3	B	0.88	mg/Kg	6010B
Potassium		310		44	mg/Kg	6010B
Sodium		190		88	mg/Kg	6010B
Vanadium		9.0		0.44	mg/Kg	6010B
Zinc		39	B	1.8	mg/Kg	6010B
Mercury		0.049		0.017	mg/Kg	7471A
pH		8.76		0.200	SU	9045C
Percent Moisture		4.1		0.10	%	Moisture
Percent Solids		96		0.10	%	Moisture

METHOD SUMMARY

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL CHI	SW846 8260B	
Closed System Purge and Trap	TAL CHI		SW846 5035
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL CHI	SW846 8270C	
Automated Soxhlet Extraction	TAL CHI		SW846 3541
Metals (ICP)	TAL CHI	SW846 6010B	
Preparation, Metals	TAL CHI		SW846 3050B
Mercury (CVAA)	TAL CHI	SW846 7471A	
Preparation, Mercury	TAL CHI		SW846 7471A
Cyanide	TAL CHI	SW846 9014	
Cyanide, Distillation	TAL CHI		SW846 9010B
pH	TAL CHI	SW846 9045C	
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL CHI	SW846 8260B	
Purge and Trap	TAL CHI		SW846 5030B

Lab References:

TAL CHI = TestAmerica Chicago

Method References:

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

METHOD / ANALYST SUMMARY

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Method	Analyst	Analyst ID
SW846 8260B	Drabek, Dave J	DJD
SW846 8260B	Swaney, Garth E	GES
SW846 8260B	Werner, Brian D	BDW
SW846 8270C	Akcakal, Duran	DA
SW846 8270C	Bergen, Joe	JB
SW846 6010B	Smith, Todd D	TDS
SW846 7471A	Klee, George O	GOK
SW846 9014	Moore, Colleen L	CLM
SW846 9045C	Moore, Colleen L	CLM
EPA Moisture	Boyd, Cheryl L	CLB

SAMPLE SUMMARY

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
500-18309-1	25819-SB16 @ 1'-2'	Solid	04/16/2009 0948	04/17/2009 1030
500-18309-2	25820-SB15 @ 1'-2'	Solid	04/16/2009 1000	04/17/2009 1030
500-18309-3	25821-SB17 @ 1'-2'	Solid	04/16/2009 1010	04/17/2009 1030
500-18309-4	25822-SB17 @ 1'-2' DUP	Solid	04/16/2009 1012	04/17/2009 1030
500-18309-5	25823-SB19 @ 1.5'-2.5'	Solid	04/16/2009 1055	04/17/2009 1030
500-18309-6	25824-SB20 @ 2'-3'	Solid	04/16/2009 1025	04/17/2009 1030
500-18309-7	25825-SB22 @ 3'-4'	Solid	04/16/2009 1040	04/17/2009 1030
500-18309-8	25826-SB18 @ .5'-1.5'	Solid	04/16/2009 1105	04/17/2009 1030
500-18309-9	25827-SB21 @ 1.5'-2.5'	Solid	04/16/2009 1115	04/17/2009 1030
500-18309-10	25828-SB26 @ .5'-1.5'	Solid	04/16/2009 1138	04/17/2009 1030
500-18309-11	25829-SB25 @ 1-2'	Solid	04/16/2009 1150	04/17/2009 1030
500-18309-12	25830-SB23 @ 1-2'	Solid	04/16/2009 1225	04/17/2009 1030
500-18309-12MS	25830-SB23 @ 1-2'	Solid	04/16/2009 1225	04/17/2009 1030
500-18309-12MSD	25830-SB23 @ 1-2'	Solid	04/16/2009 1225	04/17/2009 1030
500-18309-13	25831-SB24 @ 1-2'	Solid	04/16/2009 1240	04/17/2009 1030
500-18309-14	25832-SB27 @ 0-2'	Solid	04/16/2009 1255	04/17/2009 1030
500-18309-15	TRIP BLANK	Water	04/16/2009 0000	04/17/2009 1030

SAMPLE RESULTS

Steve Anstine
Fehr-Graham & Associates
1920 Daimler Road
Rockford, IL 61112

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25819-SB16 @ 1'-2'
Lab Sample ID: 500-18309-1

Date Sampled: 04/16/2009 0948
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	04/22/2009 1716		
Prep Method: 5035			Date Prepared:	04/16/2009 0948		
Chloromethane	<0.0059		mg/Kg	0.0019	0.0059	1.0
Vinyl chloride	<0.0059	*	mg/Kg	0.0017	0.0059	1.0
Bromomethane	<0.0059		mg/Kg	0.0026	0.0059	1.0
Chloroethane	<0.0059		mg/Kg	0.0014	0.0059	1.0
1,1-Dichloroethene	<0.0059		mg/Kg	0.0010	0.0059	1.0
Acetone	<0.0059		mg/Kg	0.0022	0.0059	1.0
Carbon disulfide	<0.0059		mg/Kg	0.0011	0.0059	1.0
Methylene Chloride	<0.0059		mg/Kg	0.00092	0.0059	1.0
trans-1,2-Dichloroethene	<0.0059		mg/Kg	0.0012	0.0059	1.0
Methyl tert-butyl ether	<0.0059		mg/Kg	0.0015	0.0059	1.0
1,1-Dichloroethane	<0.0059		mg/Kg	0.0011	0.0059	1.0
cis-1,2-Dichloroethene	<0.0059		mg/Kg	0.0011	0.0059	1.0
Methyl Ethyl Ketone	<0.0059		mg/Kg	0.0021	0.0059	1.0
Chloroform	<0.0059		mg/Kg	0.0012	0.0059	1.0
1,1,1-Trichloroethane	<0.0059		mg/Kg	0.0011	0.0059	1.0
Carbon tetrachloride	<0.0059		mg/Kg	0.0011	0.0059	1.0
Benzene	<0.0059		mg/Kg	0.0010	0.0059	1.0
1,2-Dichloroethane	<0.0059		mg/Kg	0.0013	0.0059	1.0
Trichloroethene	<0.0059		mg/Kg	0.0011	0.0059	1.0
1,2-Dichloropropane	<0.0059		mg/Kg	0.0011	0.0059	1.0
Bromodichloromethane	<0.0059		mg/Kg	0.00092	0.0059	1.0
cis-1,3-Dichloropropene	<0.0059		mg/Kg	0.00094	0.0059	1.0
methyl isobutyl ketone	<0.0059		mg/Kg	0.0018	0.0059	1.0
Toluene	<0.0059		mg/Kg	0.0010	0.0059	1.0
trans-1,3-Dichloropropene	<0.0059		mg/Kg	0.0011	0.0059	1.0
1,1,2-Trichloroethane	<0.0059		mg/Kg	0.0021	0.0059	1.0
Tetrachloroethene	<0.0059		mg/Kg	0.00094	0.0059	1.0
2-Hexanone	<0.0059		mg/Kg	0.0014	0.0059	1.0
Dibromochloromethane	<0.0059		mg/Kg	0.00098	0.0059	1.0
Chlorobenzene	<0.0059		mg/Kg	0.00080	0.0059	1.0
Ethylbenzene	<0.0059		mg/Kg	0.00084	0.0059	1.0
Xylenes, Total	<0.012		mg/Kg	0.0018	0.012	1.0
Styrene	<0.0059		mg/Kg	0.00089	0.0059	1.0
Bromoform	<0.0059		mg/Kg	0.0012	0.0059	1.0
1,1,2,2-Tetrachloroethane	<0.0059		mg/Kg	0.0014	0.0059	1.0
1,3-Dichloropropene, Total	<0.0059		mg/Kg	0.0011	0.0059	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	127	%	75 - 140

Steve Anstine
Fehr-Graham & Associates
1920 Daimler Road
Rockford, IL 61112

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25819-SB16 @ 1'-2'
Lab Sample ID: 500-18309-1

Date Sampled: 04/16/2009 0948
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Toluene-d8 (Surr)	119		%		75 - 130	
4-Bromofluorobenzene (Surr)	101		%		75 - 120	
Dibromofluoromethane	139		%		75 - 140	
Method: 8270C			Date Analyzed:	04/30/2009 2220		
Prep Method: 3541			Date Prepared:	04/22/2009 1620		
Acenaphthene	0.015	J	mg/Kg	0.0047	0.037	1.0
Acenaphthylene	0.046		mg/Kg	0.0039	0.037	1.0
Anthracene	0.087		mg/Kg	0.0044	0.037	1.0
Benzo[a]anthracene	0.48		mg/Kg	0.0047	0.037	1.0
Benzo[a]pyrene	0.55		mg/Kg	0.0035	0.037	1.0
Benzo[b]fluoranthene	0.76		mg/Kg	0.0082	0.037	1.0
Benzo[g,h,i]perylene	0.44		mg/Kg	0.0064	0.037	1.0
Benzo[k]fluoranthene	0.31		mg/Kg	0.0080	0.037	1.0
Bis(2-chloroethoxy)methane	<0.19		mg/Kg	0.023	0.19	1.0
Bis(2-chloroethyl)ether	<0.19		mg/Kg	0.024	0.19	1.0
Bis(2-ethylhexyl) phthalate	<0.19		mg/Kg	0.032	0.19	1.0
4-Bromophenyl phenyl ether	<0.19		mg/Kg	0.015	0.19	1.0
Butyl benzyl phthalate	<0.19		mg/Kg	0.017	0.19	1.0
Carbazole	<0.19		mg/Kg	0.014	0.19	1.0
4-Chloroaniline	<0.75		mg/Kg	0.14	0.75	1.0
4-Chloro-3-methylphenol	<0.37		mg/Kg	0.091	0.37	1.0
2-Chloronaphthalene	<0.19		mg/Kg	0.017	0.19	1.0
2-Chlorophenol	<0.19		mg/Kg	0.033	0.19	1.0
4-Chlorophenyl phenyl ether	<0.19		mg/Kg	0.015	0.19	1.0
Chrysene	0.61		mg/Kg	0.0058	0.037	1.0
Dibenz(a,h)anthracene	0.16		mg/Kg	0.0046	0.037	1.0
Dibenzofuran	0.060	J	mg/Kg	0.014	0.19	1.0
1,2-Dichlorobenzene	<0.19		mg/Kg	0.019	0.19	1.0
1,3-Dichlorobenzene	<0.19		mg/Kg	0.019	0.19	1.0
1,4-Dichlorobenzene	<0.19		mg/Kg	0.020	0.19	1.0
3,3'-Dichlorobenzidine	<0.19		mg/Kg	0.055	0.19	1.0
2,4-Dichlorophenol	<0.37		mg/Kg	0.040	0.37	1.0
Diethyl phthalate	<0.19		mg/Kg	0.019	0.19	1.0
2,4-Dimethylphenol	<0.37		mg/Kg	0.069	0.37	1.0
Dimethyl phthalate	<0.19		mg/Kg	0.014	0.19	1.0
Di-n-butyl phthalate	<0.19		mg/Kg	0.015	0.19	1.0
4,6-Dinitro-2-methylphenol	<0.37		mg/Kg	0.045	0.37	1.0
2,4-Dinitrophenol	<0.75		mg/Kg	0.20	0.75	1.0
2,4-Dinitrotoluene	<0.19		mg/Kg	0.020	0.19	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25819-SB16 @ 1'-2'
Lab Sample ID: 500-18309-1

Date Sampled: 04/16/2009 0948
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2,6-Dinitrotoluene	<0.19		mg/Kg	0.020	0.19	1.0
Di-n-octyl phthalate	<0.19		mg/Kg	0.017	0.19	1.0
Fluoranthene	0.70		mg/Kg	0.0048	0.037	1.0
Fluorene	0.025	J	mg/Kg	0.0039	0.037	1.0
Hexachlorobenzene	<0.075		mg/Kg	0.0054	0.075	1.0
Hexachlorobutadiene	<0.19		mg/Kg	0.022	0.19	1.0
Hexachlorocyclopentadiene	<0.75		mg/Kg	0.13	0.75	1.0
Hexachloroethane	<0.19		mg/Kg	0.020	0.19	1.0
Indeno[1,2,3-cd]pyrene	0.38		mg/Kg	0.0048	0.037	1.0
Isophorone	<0.19		mg/Kg	0.015	0.19	1.0
2-Methylnaphthalene	0.12	J	mg/Kg	0.021	0.19	1.0
2-Methylphenol	<0.19		mg/Kg	0.037	0.19	1.0
3 & 4 Methylphenol	<0.19		mg/Kg	0.035	0.19	1.0
Naphthalene	0.068		mg/Kg	0.0038	0.037	1.0
2-Nitroaniline	<0.19		mg/Kg	0.020	0.19	1.0
3-Nitroaniline	<0.37		mg/Kg	0.073	0.37	1.0
4-Nitroaniline	<0.37		mg/Kg	0.080	0.37	1.0
Nitrobenzene	<0.037		mg/Kg	0.0068	0.037	1.0
2-Nitrophenol	<0.37		mg/Kg	0.045	0.37	1.0
4-Nitrophenol	<0.75		mg/Kg	0.065	0.75	1.0
N-Nitrosodi-n-propylamine	<0.19		mg/Kg	0.026	0.19	1.0
N-Nitrosodiphenylamine	<0.19	*	mg/Kg	0.011	0.19	1.0
2,2'-oxybis[1-chloropropane]	<0.19		mg/Kg	0.020	0.19	1.0
Pentachlorophenol	<0.75		mg/Kg	0.14	0.75	1.0
Phenanthrene	0.41		mg/Kg	0.0033	0.037	1.0
Phenol	<0.19		mg/Kg	0.033	0.19	1.0
Pyrene	0.78		mg/Kg	0.0044	0.037	1.0
1,2,4-Trichlorobenzene	<0.19		mg/Kg	0.018	0.19	1.0
2,4,5-Trichlorophenol	<0.37		mg/Kg	0.052	0.37	1.0
2,4,6-Trichlorophenol	<0.37		mg/Kg	0.038	0.37	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	88	%	33 - 114
2-Fluorophenol	66	%	25 - 111
Nitrobenzene-d5	76	%	21 - 116
Phenol-d5	73	%	31 - 110
Terphenyl-d14	91	%	48 - 146
2,4,6-Tribromophenol	80	%	32 - 138

Method: 6010B Date Analyzed: 04/25/2009 0404
Prep Method: 3050B Date Prepared: 04/22/2009 0901

Aluminum	5000		mg/Kg	1.8	20	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25819-SB16 @ 1'-2'
Lab Sample ID: 500-18309-1

Date Sampled: 04/16/2009 0948
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Antimony	1.3	J	mg/Kg	0.29	2.0	1.0
Arsenic	9.3		mg/Kg	0.29	0.99	1.0
Barium	69		mg/Kg	0.032	0.99	1.0
Beryllium	0.76		mg/Kg	0.0099	0.40	1.0
Cadmium	0.55		mg/Kg	0.033	0.20	1.0
Calcium	12000	B	mg/Kg	0.84	9.9	1.0
Chromium	12	B	mg/Kg	0.086	0.99	1.0
Cobalt	4.6		mg/Kg	0.072	0.50	1.0
Copper	110		mg/Kg	0.45	0.99	1.0
Iron	34000	B	mg/Kg	2.0	9.9	1.0
Lead	66	B	mg/Kg	0.11	0.50	1.0
Magnesium	5400	B	mg/Kg	1.2	9.9	1.0
Manganese	400		mg/Kg	0.031	0.99	1.0
Nickel	20	B	mg/Kg	0.061	0.99	1.0
Potassium	580		mg/Kg	6.0	50	1.0
Selenium	<0.99		mg/Kg	0.38	0.99	1.0
Silver	0.12	J	mg/Kg	0.099	0.50	1.0
Sodium	400		mg/Kg	20	99	1.0
Thallium	<0.99		mg/Kg	0.33	0.99	1.0
Vanadium	24		mg/Kg	0.084	0.50	1.0
Zinc	130	B	mg/Kg	0.18	2.0	1.0
Method: 7471A			Date Analyzed:	04/21/2009 1244		
Prep Method: 7471A			Date Prepared:	04/21/2009 1100		
Mercury	0.11		mg/Kg	0.0077	0.019	1.0
Method: 9014			Date Analyzed:	04/24/2009 1221		
Prep Method: 9010B			Date Prepared:	04/24/2009 0640		
Cyanide, Total	0.31	J	mg/Kg	0.12	0.47	1.0
Method: 9045C			Date Analyzed:	04/29/2009 1145		
pH	8.14		SU	0.200	0.200	1.0
Method: Moisture			Date Analyzed:	04/19/2009 0137		
Percent Moisture	13		%	0.10	0.10	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25820-SB15 @ 1'-2'
Lab Sample ID: 500-18309-2

Date Sampled: 04/16/2009 1000
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	04/22/2009 1742		
Prep Method: 5035			Date Prepared:	04/16/2009 1000		
Chloromethane	<0.0030		mg/Kg	0.00096	0.0030	1.0
Vinyl chloride	<0.0030	*	mg/Kg	0.00084	0.0030	1.0
Bromomethane	<0.0030		mg/Kg	0.0013	0.0030	1.0
Chloroethane	<0.0030		mg/Kg	0.00072	0.0030	1.0
1,1-Dichloroethene	<0.0030		mg/Kg	0.00053	0.0030	1.0
Acetone	<0.0030		mg/Kg	0.0011	0.0030	1.0
Carbon disulfide	<0.0030		mg/Kg	0.00056	0.0030	1.0
Methylene Chloride	<0.0030		mg/Kg	0.00047	0.0030	1.0
trans-1,2-Dichloroethene	<0.0030		mg/Kg	0.00060	0.0030	1.0
Methyl tert-butyl ether	<0.0030		mg/Kg	0.00078	0.0030	1.0
1,1-Dichloroethane	<0.0030		mg/Kg	0.00057	0.0030	1.0
cis-1,2-Dichloroethene	<0.0030		mg/Kg	0.00057	0.0030	1.0
Methyl Ethyl Ketone	<0.0030		mg/Kg	0.0011	0.0030	1.0
Chloroform	<0.0030		mg/Kg	0.00059	0.0030	1.0
1,1,1-Trichloroethane	<0.0030		mg/Kg	0.00053	0.0030	1.0
Carbon tetrachloride	<0.0030		mg/Kg	0.00056	0.0030	1.0
Benzene	<0.0030		mg/Kg	0.00051	0.0030	1.0
1,2-Dichloroethane	<0.0030		mg/Kg	0.00066	0.0030	1.0
Trichloroethene	<0.0030		mg/Kg	0.00057	0.0030	1.0
1,2-Dichloropropane	<0.0030		mg/Kg	0.00056	0.0030	1.0
Bromodichloromethane	<0.0030		mg/Kg	0.00047	0.0030	1.0
cis-1,3-Dichloropropene	<0.0030		mg/Kg	0.00048	0.0030	1.0
methyl isobutyl ketone	<0.0030		mg/Kg	0.00090	0.0030	1.0
Toluene	<0.0030		mg/Kg	0.00053	0.0030	1.0
trans-1,3-Dichloropropene	<0.0030		mg/Kg	0.00057	0.0030	1.0
1,1,2-Trichloroethane	<0.0030		mg/Kg	0.0011	0.0030	1.0
Tetrachloroethene	<0.0030		mg/Kg	0.00048	0.0030	1.0
2-Hexanone	<0.0030		mg/Kg	0.00072	0.0030	1.0
Dibromochloromethane	<0.0030		mg/Kg	0.00050	0.0030	1.0
Chlorobenzene	<0.0030		mg/Kg	0.00041	0.0030	1.0
Ethylbenzene	<0.0030		mg/Kg	0.00043	0.0030	1.0
Xylenes, Total	<0.0060		mg/Kg	0.00090	0.0060	1.0
Styrene	<0.0030		mg/Kg	0.00045	0.0030	1.0
Bromoform	<0.0030		mg/Kg	0.00060	0.0030	1.0
1,1,2,2-Tetrachloroethane	<0.0030		mg/Kg	0.00072	0.0030	1.0
1,3-Dichloropropene, Total	<0.0030		mg/Kg	0.00057	0.0030	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	133	%	75 - 140

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25820-SB15 @ 1'-2'
Lab Sample ID: 500-18309-2

Date Sampled: 04/16/2009 1000
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Toluene-d8 (Surr)	112		%		75 - 130	
4-Bromofluorobenzene (Surr)	99		%		75 - 120	
Dibromofluoromethane	140		%		75 - 140	
Method: 8270C			Date Analyzed:	05/01/2009 1528		
Prep Method: 3541			Date Prepared:	04/22/2009 1620		
Acenaphthene	<0.039		mg/Kg	0.0049	0.039	1.0
Acenaphthylene	0.013	J	mg/Kg	0.0041	0.039	1.0
Anthracene	0.049		mg/Kg	0.0046	0.039	1.0
Benzo[a]anthracene	0.21		mg/Kg	0.0049	0.039	1.0
Benzo[a]pyrene	0.19		mg/Kg	0.0036	0.039	1.0
Benzo[b]fluoranthene	0.24		mg/Kg	0.0085	0.039	1.0
Benzo[g,h,i]perylene	0.12		mg/Kg	0.0067	0.039	1.0
Benzo[k]fluoranthene	0.12		mg/Kg	0.0083	0.039	1.0
Bis(2-chloroethoxy)methane	<0.19		mg/Kg	0.024	0.19	1.0
Bis(2-chloroethyl)ether	<0.19		mg/Kg	0.025	0.19	1.0
Bis(2-ethylhexyl) phthalate	<0.19		mg/Kg	0.033	0.19	1.0
4-Bromophenyl phenyl ether	<0.19		mg/Kg	0.015	0.19	1.0
Butyl benzyl phthalate	<0.19		mg/Kg	0.017	0.19	1.0
Carbazole	<0.19		mg/Kg	0.015	0.19	1.0
4-Chloroaniline	<0.78		mg/Kg	0.15	0.78	1.0
4-Chloro-3-methylphenol	<0.39		mg/Kg	0.095	0.39	1.0
2-Chloronaphthalene	<0.19		mg/Kg	0.018	0.19	1.0
2-Chlorophenol	<0.19		mg/Kg	0.034	0.19	1.0
4-Chlorophenyl phenyl ether	<0.19		mg/Kg	0.016	0.19	1.0
Chrysene	0.19		mg/Kg	0.0061	0.039	1.0
Dibenz(a,h)anthracene	0.034	J	mg/Kg	0.0048	0.039	1.0
Dibenzofuran	<0.19		mg/Kg	0.014	0.19	1.0
1,2-Dichlorobenzene	<0.19		mg/Kg	0.019	0.19	1.0
1,3-Dichlorobenzene	<0.19		mg/Kg	0.020	0.19	1.0
1,4-Dichlorobenzene	<0.19		mg/Kg	0.021	0.19	1.0
3,3'-Dichlorobenzidine	<0.19		mg/Kg	0.057	0.19	1.0
2,4-Dichlorophenol	<0.39		mg/Kg	0.041	0.39	1.0
Diethyl phthalate	<0.19		mg/Kg	0.020	0.19	1.0
2,4-Dimethylphenol	<0.39		mg/Kg	0.071	0.39	1.0
Dimethyl phthalate	<0.19		mg/Kg	0.015	0.19	1.0
Di-n-butyl phthalate	0.061	J	mg/Kg	0.015	0.19	1.0
4,6-Dinitro-2-methylphenol	<0.39		mg/Kg	0.047	0.39	1.0
2,4-Dinitrophenol	<0.78		mg/Kg	0.21	0.78	1.0
2,4-Dinitrotoluene	<0.19		mg/Kg	0.021	0.19	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25820-SB15 @ 1'-2'
Lab Sample ID: 500-18309-2

Date Sampled: 04/16/2009 1000
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2,6-Dinitrotoluene	<0.19		mg/Kg	0.021	0.19	1.0
Di-n-octyl phthalate	<0.19		mg/Kg	0.018	0.19	1.0
Fluoranthene	0.37		mg/Kg	0.0050	0.039	1.0
Fluorene	0.012	J	mg/Kg	0.0041	0.039	1.0
Hexachlorobenzene	<0.078		mg/Kg	0.0056	0.078	1.0
Hexachlorobutadiene	<0.19		mg/Kg	0.023	0.19	1.0
Hexachlorocyclopentadiene	<0.78		mg/Kg	0.13	0.78	1.0
Hexachloroethane	<0.19		mg/Kg	0.021	0.19	1.0
Indeno[1,2,3-cd]pyrene	0.11		mg/Kg	0.0050	0.039	1.0
Isophorone	<0.19		mg/Kg	0.016	0.19	1.0
2-Methylnaphthalene	0.096	J	mg/Kg	0.022	0.19	1.0
2-Methylphenol	<0.19		mg/Kg	0.039	0.19	1.0
3 & 4 Methylphenol	<0.19		mg/Kg	0.036	0.19	1.0
Naphthalene	0.050		mg/Kg	0.0040	0.039	1.0
2-Nitroaniline	<0.19		mg/Kg	0.021	0.19	1.0
3-Nitroaniline	<0.39		mg/Kg	0.076	0.39	1.0
4-Nitroaniline	<0.39		mg/Kg	0.083	0.39	1.0
Nitrobenzene	<0.039		mg/Kg	0.0071	0.039	1.0
2-Nitrophenol	<0.39		mg/Kg	0.047	0.39	1.0
4-Nitrophenol	<0.78		mg/Kg	0.068	0.78	1.0
N-Nitrosodi-n-propylamine	<0.19		mg/Kg	0.027	0.19	1.0
N-Nitrosodiphenylamine	<0.19	*	mg/Kg	0.012	0.19	1.0
2,2'-oxybis[1-chloropropane]	<0.19		mg/Kg	0.020	0.19	1.0
Pentachlorophenol	<0.78		mg/Kg	0.14	0.78	1.0
Phenanthrene	0.24		mg/Kg	0.0034	0.039	1.0
Phenol	<0.19		mg/Kg	0.034	0.19	1.0
Pyrene	0.31		mg/Kg	0.0046	0.039	1.0
1,2,4-Trichlorobenzene	<0.19		mg/Kg	0.019	0.19	1.0
2,4,5-Trichlorophenol	<0.39		mg/Kg	0.054	0.39	1.0
2,4,6-Trichlorophenol	<0.39		mg/Kg	0.039	0.39	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	75	%	33 - 114
2-Fluorophenol	63	%	25 - 111
Nitrobenzene-d5	67	%	21 - 116
Phenol-d5	66	%	31 - 110
Terphenyl-d14	80	%	48 - 146
2,4,6-Tribromophenol	101	%	32 - 138

Method: 6010B Date Analyzed: 04/25/2009 0410
Prep Method: 3050B Date Prepared: 04/22/2009 0901

Aluminum	5100	mg/Kg	2.0	22	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25820-SB15 @ 1'-2'
Lab Sample ID: 500-18309-2

Date Sampled: 04/16/2009 1000
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Antimony	<2.2		mg/Kg	0.32	2.2	1.0
Arsenic	3.0		mg/Kg	0.32	1.1	1.0
Barium	47		mg/Kg	0.036	1.1	1.0
Beryllium	0.33	J	mg/Kg	0.011	0.45	1.0
Cadmium	0.23		mg/Kg	0.037	0.22	1.0
Calcium	6800	B	mg/Kg	0.95	11	1.0
Chromium	9.4	B	mg/Kg	0.097	1.1	1.0
Cobalt	3.8		mg/Kg	0.081	0.56	1.0
Copper	37		mg/Kg	0.50	1.1	1.0
Iron	13000	B	mg/Kg	2.2	11	1.0
Lead	44	B	mg/Kg	0.12	0.56	1.0
Magnesium	4100	B	mg/Kg	1.3	11	1.0
Manganese	450		mg/Kg	0.035	1.1	1.0
Nickel	8.4	B	mg/Kg	0.069	1.1	1.0
Potassium	480		mg/Kg	6.8	56	1.0
Selenium	<1.1		mg/Kg	0.42	1.1	1.0
Silver	<0.56		mg/Kg	0.11	0.56	1.0
Sodium	170		mg/Kg	23	110	1.0
Thallium	<1.1		mg/Kg	0.37	1.1	1.0
Vanadium	16		mg/Kg	0.095	0.56	1.0
Zinc	51	B	mg/Kg	0.20	2.2	1.0
Method: 7471A			Date Analyzed:	04/21/2009 1247		
Prep Method: 7471A			Date Prepared:	04/21/2009 1100		
Mercury	0.020		mg/Kg	0.0080	0.020	1.0
Method: 9014			Date Analyzed:	04/24/2009 1222		
Prep Method: 9010B			Date Prepared:	04/24/2009 0640		
Cyanide, Total	<0.50		mg/Kg	0.12	0.50	1.0
Method: 9045C			Date Analyzed:	04/29/2009 1147		
pH	8.40		SU	0.200	0.200	1.0
Method: Moisture			Date Analyzed:	04/19/2009 0137		
Percent Moisture	16		%	0.10	0.10	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25821-SB17 @ 1'-2'
Lab Sample ID: 500-18309-3

Date Sampled: 04/16/2009 1010
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B		Date Analyzed:	04/27/2009 1359		
Prep Method: 5035		Date Prepared:	04/16/2009 1010		
Acetone	<0.15	mg/Kg	0.097	0.15	1.0
Benzene	<0.0092	mg/Kg	0.0028	0.0092	1.0
Bromodichloromethane	<0.074	mg/Kg	0.013	0.074	1.0
Bromoform	<0.074	mg/Kg	0.022	0.074	1.0
Bromomethane	<0.074	mg/Kg	0.020	0.074	1.0
Methyl Ethyl Ketone	<0.074	mg/Kg	0.048	0.074	1.0
Carbon disulfide	<0.074	mg/Kg	0.0095	0.074	1.0
Carbon tetrachloride	<0.037	mg/Kg	0.016	0.037	1.0
Chlorobenzene	<0.037	mg/Kg	0.013	0.037	1.0
Chloroethane	<0.074	mg/Kg	0.020	0.074	1.0
Chloroform	<0.037	mg/Kg	0.0099	0.037	1.0
Chloromethane	<0.074	mg/Kg	0.022	0.074	1.0
cis-1,2-Dichloroethene	<0.037	mg/Kg	0.015	0.037	1.0
cis-1,3-Dichloropropene	<0.037	mg/Kg	0.014	0.037	1.0
Dibromochloromethane	<0.074	mg/Kg	0.014	0.074	1.0
1,1-Dichloroethane	<0.037	mg/Kg	0.013	0.037	1.0
1,2-Dichloroethane	<0.037	mg/Kg	0.016	0.037	1.0
1,1-Dichloroethene	<0.037	mg/Kg	0.016	0.037	1.0
1,2-Dichloropropane	<0.037	mg/Kg	0.017	0.037	1.0
Ethylbenzene	<0.0092	mg/Kg	0.0041	0.0092	1.0
2-Hexanone	<0.074	mg/Kg	0.025	0.074	1.0
Methylene Chloride	0.18	mg/Kg	0.013	0.074	1.0
methyl isobutyl ketone	<0.074	mg/Kg	0.023	0.074	1.0
Methyl tert-butyl ether	<0.074	mg/Kg	0.012	0.074	1.0
Styrene	<0.037	mg/Kg	0.011	0.037	1.0
1,1,2,2-Tetrachloroethane	<0.037	mg/Kg	0.019	0.037	1.0
Tetrachloroethene	0.17	mg/Kg	0.010	0.037	1.0
Toluene	<0.0092	mg/Kg	0.0060	0.0092	1.0
trans-1,2-Dichloroethene	<0.037	mg/Kg	0.013	0.037	1.0
trans-1,3-Dichloropropene	<0.037	mg/Kg	0.011	0.037	1.0
1,1,1-Trichloroethane	<0.037	mg/Kg	0.017	0.037	1.0
1,1,2-Trichloroethane	<0.037	mg/Kg	0.023	0.037	1.0
Trichloroethene	1.0	mg/Kg	0.0037	0.0092	1.0
Vinyl chloride	<0.0092	mg/Kg	0.0045	0.0092	1.0
Xylenes, Total	<0.037	mg/Kg	0.011	0.037	1.0
1,3-Dichloropropene, Total	<0.037	mg/Kg	0.014	0.037	1.0

Surrogate			Acceptance Limits
4-Bromofluorobenzene (Surr)	99	%	75 - 120

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25821-SB17 @ 1'-2'
Lab Sample ID: 500-18309-3

Date Sampled: 04/16/2009 1010
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	95		%		75 - 120	
1,2-Dichloroethane-d4 (Surr)	85		%		70 - 125	
Toluene-d8 (Surr)	101		%		75 - 120	
Method: 8270C			Date Analyzed:	04/30/2009 2302		
Prep Method: 3541			Date Prepared:	04/22/2009 1620		
Acenaphthene	0.90		mg/Kg	0.0045	0.036	1.0
Acenaphthylene	0.029	J	mg/Kg	0.0038	0.036	1.0
Anthracene	1.5		mg/Kg	0.0042	0.036	1.0
Benzo[a]anthracene	2.5		mg/Kg	0.0045	0.036	1.0
Benzo[a]pyrene	1.9		mg/Kg	0.0033	0.036	1.0
Benzo[b]fluoranthene	2.6		mg/Kg	0.0079	0.036	1.0
Benzo[g,h,i]perylene	1.3		mg/Kg	0.0061	0.036	1.0
Benzo[k]fluoranthene	0.92		mg/Kg	0.0076	0.036	1.0
Bis(2-chloroethoxy)methane	<0.18		mg/Kg	0.022	0.18	1.0
Bis(2-chloroethyl)ether	<0.18		mg/Kg	0.023	0.18	1.0
Bis(2-ethylhexyl) phthalate	<0.18		mg/Kg	0.030	0.18	1.0
4-Bromophenyl phenyl ether	<0.18		mg/Kg	0.014	0.18	1.0
Butyl benzyl phthalate	<0.18		mg/Kg	0.016	0.18	1.0
Carbazole	1.2		mg/Kg	0.014	0.18	1.0
4-Chloroaniline	<0.72		mg/Kg	0.14	0.72	1.0
4-Chloro-3-methylphenol	<0.36		mg/Kg	0.088	0.36	1.0
2-Chloronaphthalene	<0.18		mg/Kg	0.016	0.18	1.0
2-Chlorophenol	<0.18		mg/Kg	0.031	0.18	1.0
4-Chlorophenyl phenyl ether	<0.18		mg/Kg	0.015	0.18	1.0
Dibenz(a,h)anthracene	0.70		mg/Kg	0.0044	0.036	1.0
Dibenzofuran	0.72		mg/Kg	0.013	0.18	1.0
1,2-Dichlorobenzene	<0.18		mg/Kg	0.018	0.18	1.0
1,3-Dichlorobenzene	<0.18		mg/Kg	0.019	0.18	1.0
1,4-Dichlorobenzene	<0.18		mg/Kg	0.019	0.18	1.0
3,3'-Dichlorobenzidine	<0.18		mg/Kg	0.053	0.18	1.0
2,4-Dichlorophenol	<0.36		mg/Kg	0.038	0.36	1.0
Diethyl phthalate	<0.18		mg/Kg	0.018	0.18	1.0
2,4-Dimethylphenol	<0.36		mg/Kg	0.066	0.36	1.0
Dimethyl phthalate	<0.18		mg/Kg	0.014	0.18	1.0
Di-n-butyl phthalate	<0.18		mg/Kg	0.014	0.18	1.0
4,6-Dinitro-2-methylphenol	<0.36		mg/Kg	0.043	0.36	1.0
2,4-Dinitrophenol	<0.72		mg/Kg	0.20	0.72	1.0
2,4-Dinitrotoluene	<0.18		mg/Kg	0.019	0.18	1.0
2,6-Dinitrotoluene	<0.18		mg/Kg	0.019	0.18	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25821-SB17 @ 1'-2'
Lab Sample ID: 500-18309-3

Date Sampled: 04/16/2009 1010
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Di-n-octyl phthalate	<0.18		mg/Kg	0.016	0.18	1.0
Fluorene	1.1		mg/Kg	0.0038	0.036	1.0
Hexachlorobenzene	<0.072		mg/Kg	0.0052	0.072	1.0
Hexachlorobutadiene	<0.18		mg/Kg	0.021	0.18	1.0
Hexachlorocyclopentadiene	<0.72		mg/Kg	0.12	0.72	1.0
Hexachloroethane	<0.18		mg/Kg	0.019	0.18	1.0
Indeno[1,2,3-cd]pyrene	1.2		mg/Kg	0.0046	0.036	1.0
Isophorone	<0.18		mg/Kg	0.015	0.18	1.0
2-Methylnaphthalene	0.18	J	mg/Kg	0.020	0.18	1.0
2-Methylphenol	<0.18		mg/Kg	0.036	0.18	1.0
3 & 4 Methylphenol	<0.18		mg/Kg	0.033	0.18	1.0
Naphthalene	0.36		mg/Kg	0.0037	0.036	1.0
2-Nitroaniline	<0.18		mg/Kg	0.020	0.18	1.0
3-Nitroaniline	<0.36		mg/Kg	0.070	0.36	1.0
4-Nitroaniline	<0.36		mg/Kg	0.077	0.36	1.0
Nitrobenzene	<0.036		mg/Kg	0.0066	0.036	1.0
2-Nitrophenol	<0.36		mg/Kg	0.044	0.36	1.0
4-Nitrophenol	<0.72		mg/Kg	0.062	0.72	1.0
N-Nitrosodi-n-propylamine	<0.18		mg/Kg	0.025	0.18	1.0
N-Nitrosodiphenylamine	<0.18	*	mg/Kg	0.011	0.18	1.0
2,2'-oxybis[1-chloropropane]	<0.18		mg/Kg	0.019	0.18	1.0
Pentachlorophenol	<0.72		mg/Kg	0.13	0.72	1.0
Phenol	<0.18		mg/Kg	0.032	0.18	1.0
1,2,4-Trichlorobenzene	<0.18		mg/Kg	0.018	0.18	1.0
2,4,5-Trichlorophenol	<0.36		mg/Kg	0.050	0.36	1.0
2,4,6-Trichlorophenol	<0.36		mg/Kg	0.036	0.36	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	92	%	33 - 114
2-Fluorophenol	76	%	25 - 111
Nitrobenzene-d5	83	%	21 - 116
Phenol-d5	82	%	31 - 110
Terphenyl-d14	95	%	48 - 146
2,4,6-Tribromophenol	102	%	32 - 138

Method: 8270C Run Type: DL Date Analyzed: 05/01/2009 1751
Prep Method: 3541 Date Prepared: 04/22/2009 1620

Chrysene	2.8	mg/Kg	0.056	0.36	10
Fluoranthene	6.9	mg/Kg	0.046	0.36	10
Phenanthrene	7.7	mg/Kg	0.031	0.36	10
Pyrene	5.2	mg/Kg	0.042	0.36	10

Surrogate			Acceptance Limits

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25821-SB17 @ 1'-2'
Lab Sample ID: 500-18309-3

Date Sampled: 04/16/2009 1010
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2-Fluorobiphenyl	96		%		33 - 114	
2-Fluorophenol	76		%		25 - 111	
Nitrobenzene-d5	84		%		21 - 116	
Phenol-d5	78		%		31 - 110	
Terphenyl-d14	92		%		48 - 146	
2,4,6-Tribromophenol	107		%		32 - 138	
Method: 6010B			Date Analyzed:	04/25/2009 0416		
Prep Method: 3050B			Date Prepared:	04/22/2009 0901		
Aluminum	2400		mg/Kg	2.0	22	1.0
Antimony	1.7	J	mg/Kg	0.32	2.2	1.0
Arsenic	24		mg/Kg	0.32	1.1	1.0
Barium	34		mg/Kg	0.035	1.1	1.0
Beryllium	0.25	J	mg/Kg	0.011	0.44	1.0
Cadmium	0.33		mg/Kg	0.037	0.22	1.0
Calcium	2500	B	mg/Kg	0.94	11	1.0
Chromium	22	B	mg/Kg	0.096	1.1	1.0
Cobalt	45		mg/Kg	0.081	0.55	1.0
Copper	130		mg/Kg	0.50	1.1	1.0
Lead	15	B	mg/Kg	0.12	0.55	1.0
Magnesium	1400	B	mg/Kg	1.3	11	1.0
Nickel	76	B	mg/Kg	0.069	1.1	1.0
Potassium	310		mg/Kg	6.7	55	1.0
Selenium	1.2		mg/Kg	0.42	1.1	1.0
Silver	0.17	J	mg/Kg	0.11	0.55	1.0
Sodium	470		mg/Kg	23	110	1.0
Thallium	<1.1		mg/Kg	0.37	1.1	1.0
Vanadium	38		mg/Kg	0.094	0.55	1.0
Zinc	110	B	mg/Kg	0.20	2.2	1.0
Method: 6010B			Date Analyzed:	04/26/2009 0216		
Prep Method: 3050B			Date Prepared:	04/22/2009 0901		
Iron	100000	B	mg/Kg	22	110	10
Manganese	2000		mg/Kg	0.34	11	10
Method: 7471A			Date Analyzed:	04/21/2009 1249		
Prep Method: 7471A			Date Prepared:	04/21/2009 1100		
Mercury	0.24		mg/Kg	0.0077	0.019	1.0
Method: 9014			Date Analyzed:	04/24/2009 1222		
Prep Method: 9010B			Date Prepared:	04/24/2009 0640		
Cyanide, Total	0.24	J	mg/Kg	0.099	0.39	1.0
Method: 9045C			Date Analyzed:	04/29/2009 1148		

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25821-SB17 @ 1'-2'
Lab Sample ID: 500-18309-3

Date Sampled: 04/16/2009 1010
Date Received: 04/17/2009 1030
Client Matrix: Solid

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
pH	8.58	SU	0.200	0.200	1.0
Method: Moisture		Date Analyzed:	04/19/2009 0137		
Percent Moisture	11	%	0.10	0.10	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25822-SB17 @ 1'-2' DUP
Lab Sample ID: 500-18309-4

Date Sampled: 04/16/2009 1012
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 85

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	04/22/2009 1808		
Prep Method: 5035			Date Prepared:	04/16/2009 1012		
Chloromethane	<0.0036		mg/Kg	0.0012	0.0036	1.0
Vinyl chloride	<0.0036	*	mg/Kg	0.0010	0.0036	1.0
Bromomethane	<0.0036		mg/Kg	0.0016	0.0036	1.0
Chloroethane	<0.0036		mg/Kg	0.00086	0.0036	1.0
1,1-Dichloroethene	<0.0036		mg/Kg	0.00063	0.0036	1.0
Acetone	0.011		mg/Kg	0.0014	0.0036	1.0
Carbon disulfide	0.0036	J	mg/Kg	0.00068	0.0036	1.0
Methylene Chloride	<0.0036		mg/Kg	0.00056	0.0036	1.0
trans-1,2-Dichloroethene	<0.0036		mg/Kg	0.00072	0.0036	1.0
Methyl tert-butyl ether	<0.0036		mg/Kg	0.00094	0.0036	1.0
1,1-Dichloroethane	<0.0036		mg/Kg	0.00069	0.0036	1.0
cis-1,2-Dichloroethene	<0.0036		mg/Kg	0.00069	0.0036	1.0
Methyl Ethyl Ketone	<0.0036		mg/Kg	0.0013	0.0036	1.0
Chloroform	<0.0036		mg/Kg	0.00071	0.0036	1.0
1,1,1-Trichloroethane	<0.0036		mg/Kg	0.00064	0.0036	1.0
Carbon tetrachloride	<0.0036		mg/Kg	0.00068	0.0036	1.0
Benzene	<0.0036		mg/Kg	0.00061	0.0036	1.0
1,2-Dichloroethane	<0.0036		mg/Kg	0.00079	0.0036	1.0
1,2-Dichloropropane	<0.0036		mg/Kg	0.00068	0.0036	1.0
Bromodichloromethane	<0.0036		mg/Kg	0.00056	0.0036	1.0
cis-1,3-Dichloropropene	<0.0036		mg/Kg	0.00058	0.0036	1.0
methyl isobutyl ketone	<0.0036		mg/Kg	0.0011	0.0036	1.0
Toluene	<0.0036		mg/Kg	0.00063	0.0036	1.0
trans-1,3-Dichloropropene	<0.0036		mg/Kg	0.00069	0.0036	1.0
1,1,2-Trichloroethane	<0.0036		mg/Kg	0.0013	0.0036	1.0
Tetrachloroethene	0.013		mg/Kg	0.00058	0.0036	1.0
2-Hexanone	<0.0036		mg/Kg	0.00086	0.0036	1.0
Dibromochloromethane	<0.0036		mg/Kg	0.00060	0.0036	1.0
Chlorobenzene	<0.0036		mg/Kg	0.00049	0.0036	1.0
Ethylbenzene	<0.0036		mg/Kg	0.00051	0.0036	1.0
Xylenes, Total	<0.0072		mg/Kg	0.0011	0.0072	1.0
Styrene	<0.0036		mg/Kg	0.00054	0.0036	1.0
Bromoform	<0.0036		mg/Kg	0.00072	0.0036	1.0
1,1,2,2-Tetrachloroethane	<0.0036		mg/Kg	0.00086	0.0036	1.0
1,3-Dichloropropene, Total	<0.0036		mg/Kg	0.00069	0.0036	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	139	%	75 - 140
Toluene-d8 (Surr)	111	%	75 - 130

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25822-SB17 @ 1'-2' DUP
Lab Sample ID: 500-18309-4

Date Sampled: 04/16/2009 1012
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 85

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
4-Bromofluorobenzene (Surr)	98		%		75 - 120	
Dibromofluoromethane	140		%		75 - 140	
Method: 8260B Run Type: DL				Date Analyzed:	04/29/2009 1616	
Prep Method: 5035				Date Prepared:	04/16/2009 1012	
Trichloroethene	1.1		mg/Kg	0.0044	0.011	1.0
Surrogate					Acceptance Limits	
4-Bromofluorobenzene (Surr)	94		%		75 - 120	
Dibromofluoromethane	107		%		75 - 120	
1,2-Dichloroethane-d4 (Surr)	108		%		70 - 125	
Toluene-d8 (Surr)	100		%		75 - 120	
Method: 8270C				Date Analyzed:	05/01/2009 1548	
Prep Method: 3541				Date Prepared:	04/22/2009 1620	
Acenaphthene	0.14		mg/Kg	0.0048	0.038	1.0
Acenaphthylene	0.033	J	mg/Kg	0.0040	0.038	1.0
Anthracene	0.44		mg/Kg	0.0044	0.038	1.0
Benzo[a]anthracene	1.2		mg/Kg	0.0048	0.038	1.0
Benzo[a]pyrene	0.89		mg/Kg	0.0035	0.038	1.0
Benzo[b]fluoranthene	1.3		mg/Kg	0.0083	0.038	1.0
Benzo[g,h,i]perylene	0.55		mg/Kg	0.0065	0.038	1.0
Benzo[k]fluoranthene	0.40		mg/Kg	0.0081	0.038	1.0
Bis(2-chloroethoxy)methane	<0.19		mg/Kg	0.023	0.19	1.0
Bis(2-chloroethyl)ether	<0.19		mg/Kg	0.025	0.19	1.0
Bis(2-ethylhexyl) phthalate	<0.19		mg/Kg	0.032	0.19	1.0
4-Bromophenyl phenyl ether	<0.19		mg/Kg	0.015	0.19	1.0
Butyl benzyl phthalate	<0.19		mg/Kg	0.017	0.19	1.0
Carbazole	0.21		mg/Kg	0.014	0.19	1.0
4-Chloroaniline	<0.76		mg/Kg	0.15	0.76	1.0
4-Chloro-3-methylphenol	<0.38		mg/Kg	0.093	0.38	1.0
2-Chloronaphthalene	<0.19		mg/Kg	0.017	0.19	1.0
2-Chlorophenol	<0.19		mg/Kg	0.033	0.19	1.0
4-Chlorophenyl phenyl ether	<0.19		mg/Kg	0.016	0.19	1.0
Chrysene	1.0		mg/Kg	0.0059	0.038	1.0
Dibenz(a,h)anthracene	0.25		mg/Kg	0.0047	0.038	1.0
Dibenzofuran	0.14	J	mg/Kg	0.014	0.19	1.0
1,2-Dichlorobenzene	<0.19		mg/Kg	0.019	0.19	1.0
1,3-Dichlorobenzene	<0.19		mg/Kg	0.020	0.19	1.0
1,4-Dichlorobenzene	<0.19		mg/Kg	0.021	0.19	1.0
3,3'-Dichlorobenzidine	<0.19		mg/Kg	0.056	0.19	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25822-SB17 @ 1'-2' DUP
Lab Sample ID: 500-18309-4

Date Sampled: 04/16/2009 1012
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 85

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2,4-Dichlorophenol	<0.38		mg/Kg	0.040	0.38	1.0
Diethyl phthalate	<0.19		mg/Kg	0.019	0.19	1.0
2,4-Dimethylphenol	<0.38		mg/Kg	0.070	0.38	1.0
Dimethyl phthalate	<0.19		mg/Kg	0.015	0.19	1.0
Di-n-butyl phthalate	<0.19		mg/Kg	0.015	0.19	1.0
4,6-Dinitro-2-methylphenol	<0.38		mg/Kg	0.046	0.38	1.0
2,4-Dinitrophenol	<0.76		mg/Kg	0.21	0.76	1.0
2,4-Dinitrotoluene	<0.19		mg/Kg	0.020	0.19	1.0
2,6-Dinitrotoluene	<0.19		mg/Kg	0.020	0.19	1.0
Di-n-octyl phthalate	<0.19		mg/Kg	0.017	0.19	1.0
Fluoranthene	2.0		mg/Kg	0.0049	0.038	1.0
Fluorene	0.24		mg/Kg	0.0040	0.038	1.0
Hexachlorobenzene	<0.076		mg/Kg	0.0055	0.076	1.0
Hexachlorobutadiene	<0.19		mg/Kg	0.022	0.19	1.0
Hexachlorocyclopentadiene	<0.76		mg/Kg	0.13	0.76	1.0
Hexachloroethane	<0.19		mg/Kg	0.020	0.19	1.0
Indeno[1,2,3-cd]pyrene	0.51		mg/Kg	0.0049	0.038	1.0
Isophorone	<0.19		mg/Kg	0.015	0.19	1.0
2-Methylnaphthalene	0.058	J	mg/Kg	0.022	0.19	1.0
2-Methylphenol	<0.19		mg/Kg	0.038	0.19	1.0
3 & 4 Methylphenol	<0.19		mg/Kg	0.035	0.19	1.0
Naphthalene	0.062		mg/Kg	0.0039	0.038	1.0
2-Nitroaniline	<0.19		mg/Kg	0.021	0.19	1.0
3-Nitroaniline	<0.38		mg/Kg	0.074	0.38	1.0
4-Nitroaniline	<0.38		mg/Kg	0.081	0.38	1.0
Nitrobenzene	<0.038		mg/Kg	0.0069	0.038	1.0
2-Nitrophenol	<0.38		mg/Kg	0.046	0.38	1.0
4-Nitrophenol	<0.76		mg/Kg	0.066	0.76	1.0
N-Nitrosodi-n-propylamine	<0.19		mg/Kg	0.026	0.19	1.0
N-Nitrosodiphenylamine	<0.19	*	mg/Kg	0.011	0.19	1.0
2,2'-oxybis[1-chloropropane]	<0.19		mg/Kg	0.020	0.19	1.0
Pentachlorophenol	<0.76		mg/Kg	0.14	0.76	1.0
Phenanthrene	1.9		mg/Kg	0.0033	0.038	1.0
Phenol	<0.19		mg/Kg	0.033	0.19	1.0
Pyrene	1.8		mg/Kg	0.0044	0.038	1.0
1,2,4-Trichlorobenzene	<0.19		mg/Kg	0.019	0.19	1.0
2,4,5-Trichlorophenol	<0.38		mg/Kg	0.053	0.38	1.0
2,4,6-Trichlorophenol	<0.38		mg/Kg	0.038	0.38	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	90	%	33 - 114
2-Fluorophenol	77	%	25 - 111

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25822-SB17 @ 1'-2' DUP
Lab Sample ID: 500-18309-4

Date Sampled: 04/16/2009 1012
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 85

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Nitrobenzene-d5	80		%		21 - 116	
Phenol-d5	82		%		31 - 110	
Terphenyl-d14	104		%		48 - 146	
2,4,6-Tribromophenol	120		%		32 - 138	
Method: 6010B				Date Analyzed:	04/25/2009 0423	
Prep Method: 3050B				Date Prepared:	04/22/2009 0901	
Aluminum	6000		mg/Kg	1.8	20	1.0
Antimony	0.54	J	mg/Kg	0.30	2.0	1.0
Arsenic	6.2		mg/Kg	0.30	1.0	1.0
Barium	68		mg/Kg	0.033	1.0	1.0
Beryllium	0.48		mg/Kg	0.010	0.41	1.0
Cadmium	0.28		mg/Kg	0.034	0.20	1.0
Calcium	20000	B	mg/Kg	0.87	10	1.0
Chromium	11	B	mg/Kg	0.089	1.0	1.0
Cobalt	6.3		mg/Kg	0.074	0.51	1.0
Copper	55		mg/Kg	0.46	1.0	1.0
Iron	19000	B	mg/Kg	2.0	10	1.0
Lead	68	B	mg/Kg	0.11	0.51	1.0
Magnesium	10000	B	mg/Kg	1.2	10	1.0
Manganese	490		mg/Kg	0.032	1.0	1.0
Nickel	15	B	mg/Kg	0.063	1.0	1.0
Potassium	980		mg/Kg	6.2	51	1.0
Selenium	<1.0		mg/Kg	0.39	1.0	1.0
Silver	<0.51		mg/Kg	0.10	0.51	1.0
Sodium	1100		mg/Kg	21	100	1.0
Thallium	<1.0		mg/Kg	0.34	1.0	1.0
Vanadium	20		mg/Kg	0.087	0.51	1.0
Zinc	89	B	mg/Kg	0.18	2.0	1.0
Method: 7471A				Date Analyzed:	04/21/2009 1251	
Prep Method: 7471A				Date Prepared:	04/21/2009 1100	
Mercury	0.30		mg/Kg	0.0078	0.020	1.0
Method: 9014				Date Analyzed:	04/24/2009 1222	
Prep Method: 9010B				Date Prepared:	04/24/2009 0640	
Cyanide, Total	0.17	J	mg/Kg	0.085	0.34	1.0
Method: 9045C				Date Analyzed:	04/29/2009 1150	
pH	8.17		SU	0.200	0.200	1.0
Method: Moisture				Date Analyzed:	04/19/2009 0137	

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25822-SB17 @ 1'-2' DUP
Lab Sample ID: 500-18309-4

Date Sampled: 04/16/2009 1012
Date Received: 04/17/2009 1030
Client Matrix: Solid

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Percent Moisture	15	%	0.10	0.10	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25823-SB19 @ 1.5'-2.5'
Lab Sample ID: 500-18309-5

Date Sampled: 04/16/2009 1055
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	04/22/2009 1834		
Prep Method: 5035			Date Prepared:	04/16/2009 1055		
Chloromethane	<0.0034		mg/Kg	0.0011	0.0034	1.0
Vinyl chloride	<0.0034	*	mg/Kg	0.00094	0.0034	1.0
Bromomethane	<0.0034		mg/Kg	0.0015	0.0034	1.0
Chloroethane	<0.0034		mg/Kg	0.00081	0.0034	1.0
1,1-Dichloroethene	<0.0034		mg/Kg	0.00059	0.0034	1.0
Acetone	<0.0034		mg/Kg	0.0013	0.0034	1.0
Carbon disulfide	<0.0034		mg/Kg	0.00063	0.0034	1.0
Methylene Chloride	<0.0034		mg/Kg	0.00052	0.0034	1.0
trans-1,2-Dichloroethene	<0.0034		mg/Kg	0.00067	0.0034	1.0
Methyl tert-butyl ether	<0.0034		mg/Kg	0.00087	0.0034	1.0
1,1-Dichloroethane	<0.0034		mg/Kg	0.00065	0.0034	1.0
cis-1,2-Dichloroethene	<0.0034		mg/Kg	0.00065	0.0034	1.0
Methyl Ethyl Ketone	<0.0034		mg/Kg	0.0012	0.0034	1.0
Chloroform	<0.0034		mg/Kg	0.00066	0.0034	1.0
1,1,1-Trichloroethane	<0.0034		mg/Kg	0.00060	0.0034	1.0
Carbon tetrachloride	<0.0034		mg/Kg	0.00063	0.0034	1.0
Benzene	<0.0034		mg/Kg	0.00057	0.0034	1.0
1,2-Dichloroethane	<0.0034		mg/Kg	0.00074	0.0034	1.0
Trichloroethene	<0.0034		mg/Kg	0.00065	0.0034	1.0
1,2-Dichloropropane	<0.0034		mg/Kg	0.00063	0.0034	1.0
Bromodichloromethane	<0.0034		mg/Kg	0.00052	0.0034	1.0
cis-1,3-Dichloropropene	<0.0034		mg/Kg	0.00054	0.0034	1.0
methyl isobutyl ketone	<0.0034		mg/Kg	0.0010	0.0034	1.0
Toluene	<0.0034		mg/Kg	0.00059	0.0034	1.0
trans-1,3-Dichloropropene	<0.0034		mg/Kg	0.00065	0.0034	1.0
1,1,2-Trichloroethane	<0.0034		mg/Kg	0.0012	0.0034	1.0
Tetrachloroethene	<0.0034		mg/Kg	0.00054	0.0034	1.0
2-Hexanone	<0.0034		mg/Kg	0.00081	0.0034	1.0
Dibromochloromethane	<0.0034		mg/Kg	0.00056	0.0034	1.0
Chlorobenzene	<0.0034		mg/Kg	0.00046	0.0034	1.0
Ethylbenzene	<0.0034		mg/Kg	0.00048	0.0034	1.0
Xylenes, Total	<0.0067		mg/Kg	0.0010	0.0067	1.0
Styrene	<0.0034		mg/Kg	0.00050	0.0034	1.0
Bromoform	<0.0034		mg/Kg	0.00067	0.0034	1.0
1,1,2,2-Tetrachloroethane	<0.0034		mg/Kg	0.00081	0.0034	1.0
1,3-Dichloropropene, Total	<0.0034		mg/Kg	0.00065	0.0034	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	123	%	75 - 140

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25823-SB19 @ 1.5'-2.5'
Lab Sample ID: 500-18309-5

Date Sampled: 04/16/2009 1055
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	114	%		75 - 130	
4-Bromofluorobenzene (Surr)	97	%		75 - 120	
Dibromofluoromethane	132	%		75 - 140	
Method: 8270C		Date Analyzed:	04/30/2009 2344		
Prep Method: 3541		Date Prepared:	04/22/2009 1620		
Acenaphthene	0.28	mg/Kg	0.0049	0.039	1.0
Acenaphthylene	0.11	mg/Kg	0.0041	0.039	1.0
Anthracene	0.81	mg/Kg	0.0046	0.039	1.0
Benzo[a]anthracene	1.9	mg/Kg	0.0049	0.039	1.0
Benzo[a]pyrene	1.5	mg/Kg	0.0036	0.039	1.0
Benzo[b]fluoranthene	1.8	mg/Kg	0.0085	0.039	1.0
Benzo[g,h,i]perylene	0.91	mg/Kg	0.0067	0.039	1.0
Benzo[k]fluoranthene	0.82	mg/Kg	0.0083	0.039	1.0
Bis(2-chloroethoxy)methane	<0.20	mg/Kg	0.024	0.20	1.0
Bis(2-chloroethyl)ether	<0.20	mg/Kg	0.025	0.20	1.0
Bis(2-ethylhexyl) phthalate	<0.20	mg/Kg	0.033	0.20	1.0
4-Bromophenyl phenyl ether	<0.20	mg/Kg	0.015	0.20	1.0
Butyl benzyl phthalate	<0.20	mg/Kg	0.017	0.20	1.0
Carbazole	0.30	mg/Kg	0.015	0.20	1.0
4-Chloroaniline	<0.78	mg/Kg	0.15	0.78	1.0
4-Chloro-3-methylphenol	<0.39	mg/Kg	0.095	0.39	1.0
2-Chloronaphthalene	<0.20	mg/Kg	0.018	0.20	1.0
2-Chlorophenol	<0.20	mg/Kg	0.034	0.20	1.0
4-Chlorophenyl phenyl ether	<0.20	mg/Kg	0.016	0.20	1.0
Chrysene	1.9	mg/Kg	0.0061	0.039	1.0
Dibenz(a,h)anthracene	0.32	mg/Kg	0.0048	0.039	1.0
Dibenzofuran	0.26	mg/Kg	0.015	0.20	1.0
1,2-Dichlorobenzene	<0.20	mg/Kg	0.019	0.20	1.0
1,3-Dichlorobenzene	<0.20	mg/Kg	0.020	0.20	1.0
1,4-Dichlorobenzene	<0.20	mg/Kg	0.021	0.20	1.0
3,3'-Dichlorobenzidine	<0.20	mg/Kg	0.057	0.20	1.0
2,4-Dichlorophenol	<0.39	mg/Kg	0.042	0.39	1.0
Diethyl phthalate	<0.20	mg/Kg	0.020	0.20	1.0
2,4-Dimethylphenol	<0.39	mg/Kg	0.072	0.39	1.0
Dimethyl phthalate	<0.20	mg/Kg	0.015	0.20	1.0
Di-n-butyl phthalate	<0.20	mg/Kg	0.015	0.20	1.0
4,6-Dinitro-2-methylphenol	<0.39	mg/Kg	0.047	0.39	1.0
2,4-Dinitrophenol	<0.78	mg/Kg	0.21	0.78	1.0
2,4-Dinitrotoluene	<0.20	mg/Kg	0.021	0.20	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25823-SB19 @ 1.5'-2.5'
Lab Sample ID: 500-18309-5

Date Sampled: 04/16/2009 1055
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2,6-Dinitrotoluene	<0.20		mg/Kg	0.021	0.20	1.0
Di-n-octyl phthalate	<0.20		mg/Kg	0.018	0.20	1.0
Fluorene	0.41		mg/Kg	0.0041	0.039	1.0
Hexachlorobenzene	<0.078		mg/Kg	0.0056	0.078	1.0
Hexachlorobutadiene	<0.20		mg/Kg	0.023	0.20	1.0
Hexachlorocyclopentadiene	<0.78		mg/Kg	0.13	0.78	1.0
Hexachloroethane	<0.20		mg/Kg	0.021	0.20	1.0
Indeno[1,2,3-cd]pyrene	0.83		mg/Kg	0.0050	0.039	1.0
Isophorone	<0.20		mg/Kg	0.016	0.20	1.0
2-Methylnaphthalene	0.61		mg/Kg	0.022	0.20	1.0
2-Methylphenol	<0.20		mg/Kg	0.039	0.20	1.0
3 & 4 Methylphenol	<0.20		mg/Kg	0.036	0.20	1.0
Naphthalene	0.47		mg/Kg	0.0040	0.039	1.0
2-Nitroaniline	<0.20		mg/Kg	0.021	0.20	1.0
3-Nitroaniline	<0.39		mg/Kg	0.076	0.39	1.0
4-Nitroaniline	<0.39		mg/Kg	0.083	0.39	1.0
Nitrobenzene	<0.039		mg/Kg	0.0071	0.039	1.0
2-Nitrophenol	<0.39		mg/Kg	0.047	0.39	1.0
4-Nitrophenol	<0.78		mg/Kg	0.068	0.78	1.0
N-Nitrosodi-n-propylamine	<0.20		mg/Kg	0.027	0.20	1.0
N-Nitrosodiphenylamine	<0.20	*	mg/Kg	0.012	0.20	1.0
2,2'-oxybis[1-chloropropane]	<0.20		mg/Kg	0.020	0.20	1.0
Pentachlorophenol	<0.78		mg/Kg	0.14	0.78	1.0
Phenol	<0.20		mg/Kg	0.034	0.20	1.0
1,2,4-Trichlorobenzene	<0.20		mg/Kg	0.019	0.20	1.0
2,4,5-Trichlorophenol	<0.39		mg/Kg	0.054	0.39	1.0
2,4,6-Trichlorophenol	<0.39		mg/Kg	0.039	0.39	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	88	%	33 - 114
2-Fluorophenol	69	%	25 - 111
Nitrobenzene-d5	78	%	21 - 116
Phenol-d5	78	%	31 - 110
Terphenyl-d14	95	%	48 - 146
2,4,6-Tribromophenol	93	%	32 - 138

Method: 8270C Run Type: DL Date Analyzed: 05/01/2009 1812
Prep Method: 3541 Date Prepared: 04/22/2009 1620

Fluoranthene	3.5	mg/Kg	0.025	0.19	5.0
Phenanthrene	3.2	mg/Kg	0.017	0.19	5.0
Pyrene	3.6	mg/Kg	0.023	0.19	5.0

Surrogate	Acceptance Limits

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25823-SB19 @ 1.5'-2.5'
Lab Sample ID: 500-18309-5

Date Sampled: 04/16/2009 1055
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2-Fluorobiphenyl	82		%		33 - 114	
2-Fluorophenol	63		%		25 - 111	
Nitrobenzene-d5	68		%		21 - 116	
Phenol-d5	68		%		31 - 110	
Terphenyl-d14	90		%		48 - 146	
2,4,6-Tribromophenol	97		%		32 - 138	
Method: 6010B			Date Analyzed:	04/25/2009 0429		
Prep Method: 3050B			Date Prepared:	04/22/2009 0901		
Aluminum	6600		mg/Kg	1.8	20	1.0
Antimony	<2.0		mg/Kg	0.30	2.0	1.0
Arsenic	6.6		mg/Kg	0.30	1.0	1.0
Barium	63		mg/Kg	0.033	1.0	1.0
Beryllium	0.48		mg/Kg	0.010	0.41	1.0
Cadmium	0.28		mg/Kg	0.034	0.20	1.0
Calcium	31000	B	mg/Kg	0.87	10	1.0
Chromium	11	B	mg/Kg	0.089	1.0	1.0
Cobalt	4.3		mg/Kg	0.075	0.51	1.0
Copper	24		mg/Kg	0.46	1.0	1.0
Iron	16000	B	mg/Kg	2.0	10	1.0
Lead	160	B	mg/Kg	0.11	0.51	1.0
Magnesium	16000	B	mg/Kg	1.2	10	1.0
Manganese	240		mg/Kg	0.032	1.0	1.0
Nickel	13	B	mg/Kg	0.063	1.0	1.0
Potassium	910		mg/Kg	6.2	51	1.0
Selenium	<1.0		mg/Kg	0.39	1.0	1.0
Silver	<0.51		mg/Kg	0.10	0.51	1.0
Sodium	750		mg/Kg	21	100	1.0
Thallium	<1.0		mg/Kg	0.34	1.0	1.0
Vanadium	21		mg/Kg	0.087	0.51	1.0
Zinc	83	B	mg/Kg	0.18	2.0	1.0
Method: 7471A			Date Analyzed:	04/21/2009 1253		
Prep Method: 7471A			Date Prepared:	04/21/2009 1100		
Mercury	0.44		mg/Kg	0.0078	0.020	1.0
Method: 9014			Date Analyzed:	04/24/2009 1222		
Prep Method: 9010B			Date Prepared:	04/24/2009 0640		
Cyanide, Total	<0.57		mg/Kg	0.14	0.57	1.0
Method: 9045C			Date Analyzed:	04/29/2009 1151		
pH	9.10		SU	0.200	0.200	1.0
Method: Moisture			Date Analyzed:	04/19/2009 0137		

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25823-SB19 @ 1.5'-2.5'
Lab Sample ID: 500-18309-5

Date Sampled: 04/16/2009 1055
Date Received: 04/17/2009 1030
Client Matrix: Solid

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Percent Moisture	16	%	0.10	0.10	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25824-SB20 @ 2'-3'
Lab Sample ID: 500-18309-6

Date Sampled: 04/16/2009 1025
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	04/22/2009 1900		
Prep Method: 5035			Date Prepared:	04/16/2009 1025		
Chloromethane	<0.0046		mg/Kg	0.0015	0.0046	1.0
Vinyl chloride	<0.0046	*	mg/Kg	0.0013	0.0046	1.0
Bromomethane	<0.0046		mg/Kg	0.0020	0.0046	1.0
Chloroethane	<0.0046		mg/Kg	0.0011	0.0046	1.0
1,1-Dichloroethene	<0.0046		mg/Kg	0.00081	0.0046	1.0
Acetone	<0.0046		mg/Kg	0.0017	0.0046	1.0
Carbon disulfide	<0.0046		mg/Kg	0.00086	0.0046	1.0
Methylene Chloride	<0.0046		mg/Kg	0.00072	0.0046	1.0
trans-1,2-Dichloroethene	<0.0046		mg/Kg	0.00092	0.0046	1.0
Methyl tert-butyl ether	<0.0046		mg/Kg	0.0012	0.0046	1.0
1,1-Dichloroethane	<0.0046		mg/Kg	0.00088	0.0046	1.0
cis-1,2-Dichloroethene	<0.0046		mg/Kg	0.00088	0.0046	1.0
Methyl Ethyl Ketone	<0.0046		mg/Kg	0.0017	0.0046	1.0
Chloroform	<0.0046		mg/Kg	0.00090	0.0046	1.0
1,1,1-Trichloroethane	<0.0046		mg/Kg	0.00082	0.0046	1.0
Carbon tetrachloride	<0.0046		mg/Kg	0.00086	0.0046	1.0
Benzene	<0.0046		mg/Kg	0.00078	0.0046	1.0
1,2-Dichloroethane	<0.0046		mg/Kg	0.0010	0.0046	1.0
Trichloroethene	<0.0046		mg/Kg	0.00088	0.0046	1.0
1,2-Dichloropropane	<0.0046		mg/Kg	0.00086	0.0046	1.0
Bromodichloromethane	<0.0046		mg/Kg	0.00072	0.0046	1.0
cis-1,3-Dichloropropene	<0.0046		mg/Kg	0.00073	0.0046	1.0
methyl isobutyl ketone	<0.0046		mg/Kg	0.0014	0.0046	1.0
Toluene	<0.0046		mg/Kg	0.00081	0.0046	1.0
trans-1,3-Dichloropropene	<0.0046		mg/Kg	0.00088	0.0046	1.0
1,1,2-Trichloroethane	<0.0046		mg/Kg	0.0017	0.0046	1.0
Tetrachloroethene	<0.0046		mg/Kg	0.00073	0.0046	1.0
2-Hexanone	<0.0046		mg/Kg	0.0011	0.0046	1.0
Dibromochloromethane	<0.0046		mg/Kg	0.00076	0.0046	1.0
Chlorobenzene	<0.0046		mg/Kg	0.00062	0.0046	1.0
Ethylbenzene	<0.0046		mg/Kg	0.00065	0.0046	1.0
Xylenes, Total	<0.0092		mg/Kg	0.0014	0.0092	1.0
Styrene	<0.0046		mg/Kg	0.00069	0.0046	1.0
Bromoform	<0.0046		mg/Kg	0.00092	0.0046	1.0
1,1,2,2-Tetrachloroethane	<0.0046		mg/Kg	0.0011	0.0046	1.0
1,3-Dichloropropene, Total	<0.0046		mg/Kg	0.00088	0.0046	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	127	%	75 - 140

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25824-SB20 @ 2'-3'
Lab Sample ID: 500-18309-6

Date Sampled: 04/16/2009 1025
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Toluene-d8 (Surr)	116		%		75 - 130	
4-Bromofluorobenzene (Surr)	104		%		75 - 120	
Dibromofluoromethane	136		%		75 - 140	
Method: 8270C			Date Analyzed:	05/01/2009 0005		
Prep Method: 3541			Date Prepared:	04/22/2009 1620		
Bis(2-chloroethoxy)methane	<0.18		mg/Kg	0.023	0.18	1.0
Bis(2-chloroethyl)ether	<0.18		mg/Kg	0.024	0.18	1.0
Bis(2-ethylhexyl) phthalate	<0.18		mg/Kg	0.031	0.18	1.0
4-Bromophenyl phenyl ether	<0.18		mg/Kg	0.015	0.18	1.0
Butyl benzyl phthalate	<0.18		mg/Kg	0.016	0.18	1.0
4-Chloroaniline	<0.74		mg/Kg	0.14	0.74	1.0
4-Chloro-3-methylphenol	<0.36		mg/Kg	0.089	0.36	1.0
2-Chloronaphthalene	<0.18		mg/Kg	0.017	0.18	1.0
2-Chlorophenol	<0.18		mg/Kg	0.032	0.18	1.0
4-Chlorophenyl phenyl ether	<0.18		mg/Kg	0.015	0.18	1.0
Dibenzofuran	1.6		mg/Kg	0.014	0.18	1.0
1,2-Dichlorobenzene	<0.18		mg/Kg	0.018	0.18	1.0
1,3-Dichlorobenzene	<0.18		mg/Kg	0.019	0.18	1.0
1,4-Dichlorobenzene	<0.18		mg/Kg	0.020	0.18	1.0
3,3'-Dichlorobenzidine	<0.18		mg/Kg	0.054	0.18	1.0
2,4-Dichlorophenol	<0.36		mg/Kg	0.039	0.36	1.0
Diethyl phthalate	<0.18		mg/Kg	0.019	0.18	1.0
2,4-Dimethylphenol	<0.36		mg/Kg	0.067	0.36	1.0
Dimethyl phthalate	<0.18		mg/Kg	0.014	0.18	1.0
Di-n-butyl phthalate	<0.18		mg/Kg	0.015	0.18	1.0
4,6-Dinitro-2-methylphenol	<0.36		mg/Kg	0.044	0.36	1.0
2,4-Dinitrophenol	<0.74		mg/Kg	0.20	0.74	1.0
2,4-Dinitrotoluene	<0.18		mg/Kg	0.020	0.18	1.0
2,6-Dinitrotoluene	<0.18		mg/Kg	0.019	0.18	1.0
Di-n-octyl phthalate	<0.18		mg/Kg	0.017	0.18	1.0
Hexachlorobenzene	<0.074		mg/Kg	0.0053	0.074	1.0
Hexachlorobutadiene	<0.18		mg/Kg	0.021	0.18	1.0
Hexachlorocyclopentadiene	<0.74		mg/Kg	0.12	0.74	1.0
Hexachloroethane	<0.18		mg/Kg	0.019	0.18	1.0
Isophorone	<0.18		mg/Kg	0.015	0.18	1.0
2-Methylnaphthalene	0.98		mg/Kg	0.021	0.18	1.0
2-Methylphenol	<0.18		mg/Kg	0.036	0.18	1.0
3 & 4 Methylphenol	0.059	J	mg/Kg	0.034	0.18	1.0
Naphthalene	1.5		mg/Kg	0.0037	0.036	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25824-SB20 @ 2'-3'
Lab Sample ID: 500-18309-6

Date Sampled: 04/16/2009 1025
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2-Nitroaniline	<0.18		mg/Kg	0.020	0.18	1.0
3-Nitroaniline	<0.36		mg/Kg	0.072	0.36	1.0
4-Nitroaniline	<0.36		mg/Kg	0.078	0.36	1.0
Nitrobenzene	<0.036		mg/Kg	0.0067	0.036	1.0
2-Nitrophenol	<0.36		mg/Kg	0.044	0.36	1.0
4-Nitrophenol	<0.74		mg/Kg	0.064	0.74	1.0
N-Nitrosodi-n-propylamine	<0.18		mg/Kg	0.025	0.18	1.0
N-Nitrosodiphenylamine	<0.18	*	mg/Kg	0.011	0.18	1.0
2,2'-oxybis[1-chloropropane]	<0.18		mg/Kg	0.019	0.18	1.0
Pentachlorophenol	<0.74		mg/Kg	0.13	0.74	1.0
Phenol	<0.18		mg/Kg	0.032	0.18	1.0
1,2,4-Trichlorobenzene	<0.18		mg/Kg	0.018	0.18	1.0
2,4,5-Trichlorophenol	<0.36		mg/Kg	0.051	0.36	1.0
2,4,6-Trichlorophenol	<0.36		mg/Kg	0.037	0.36	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	80	%	33 - 114
2-Fluorophenol	56	%	25 - 111
Nitrobenzene-d5	66	%	21 - 116
Phenol-d5	57	%	31 - 110
Terphenyl-d14	76	%	48 - 146
2,4,6-Tribromophenol	58	%	32 - 138

Method: 8270C Run Type: DL Date Analyzed: 05/01/2009 1832
Prep Method: 3541 Date Prepared: 04/22/2009 1620

Acenaphthene	1.8		mg/Kg	0.092	0.73	20
Acenaphthylene	1.1		mg/Kg	0.077	0.73	20
Anthracene	6.9		mg/Kg	0.086	0.73	20
Benzo[a]anthracene	17		mg/Kg	0.092	0.73	20
Benzo[a]pyrene	13		mg/Kg	0.068	0.73	20
Benzo[b]fluoranthene	13		mg/Kg	0.16	0.73	20
Benzo[g,h,i]perylene	7.2		mg/Kg	0.13	0.73	20
Benzo[k]fluoranthene	7.9		mg/Kg	0.16	0.73	20
Carbazole	3.4	J	mg/Kg	0.28	3.7	20
Chrysene	14		mg/Kg	0.11	0.73	20
Dibenz(a,h)anthracene	2.1		mg/Kg	0.090	0.73	20
Fluoranthene	32		mg/Kg	0.095	0.73	20
Fluorene	3.5		mg/Kg	0.077	0.73	20
Indeno[1,2,3-cd]pyrene	6.6		mg/Kg	0.095	0.73	20
Phenanthrene	33		mg/Kg	0.064	0.73	20
Pyrene	28		mg/Kg	0.086	0.73	20

Surrogate			Acceptance Limits

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25824-SB20 @ 2'-3'
Lab Sample ID: 500-18309-6

Date Sampled: 04/16/2009 1025
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2-Fluorobiphenyl	92		%		33 - 114	
2-Fluorophenol	54		%		25 - 111	
Nitrobenzene-d5	71		%		21 - 116	
Phenol-d5	75		%		31 - 110	
Terphenyl-d14	98		%		48 - 146	
2,4,6-Tribromophenol	97		%		32 - 138	
Method: 6010B			Date Analyzed:	04/25/2009 0454		
Prep Method: 3050B			Date Prepared:	04/22/2009 0901		
Aluminum	5100		mg/Kg	1.8	20	1.0
Antimony	0.88	J	mg/Kg	0.29	2.0	1.0
Arsenic	8.1		mg/Kg	0.29	1.0	1.0
Barium	74		mg/Kg	0.032	1.0	1.0
Beryllium	0.54		mg/Kg	0.010	0.40	1.0
Cadmium	0.64		mg/Kg	0.033	0.20	1.0
Calcium	29000	B	mg/Kg	0.86	10	1.0
Chromium	11	B	mg/Kg	0.088	1.0	1.0
Cobalt	4.1		mg/Kg	0.074	0.50	1.0
Copper	83		mg/Kg	0.45	1.0	1.0
Iron	26000	B	mg/Kg	2.0	10	1.0
Lead	64	B	mg/Kg	0.11	0.50	1.0
Magnesium	14000	B	mg/Kg	1.2	10	1.0
Manganese	520		mg/Kg	0.031	1.0	1.0
Nickel	24	B	mg/Kg	0.062	1.0	1.0
Potassium	650		mg/Kg	6.1	50	1.0
Selenium	<1.0		mg/Kg	0.38	1.0	1.0
Silver	0.14	J	mg/Kg	0.10	0.50	1.0
Sodium	650		mg/Kg	21	100	1.0
Thallium	<1.0		mg/Kg	0.33	1.0	1.0
Vanadium	20		mg/Kg	0.086	0.50	1.0
Zinc	100	B	mg/Kg	0.18	2.0	1.0
Method: 7471A			Date Analyzed:	04/21/2009 1329		
Prep Method: 7471A			Date Prepared:	04/21/2009 1100		
Mercury	5.6		mg/Kg	0.15	0.38	20
Method: 9014			Date Analyzed:	04/24/2009 1223		
Prep Method: 9010B			Date Prepared:	04/24/2009 0640		
Cyanide, Total	0.15	J	mg/Kg	0.11	0.44	1.0
Method: 9045C			Date Analyzed:	04/29/2009 1152		
pH	9.13		SU	0.200	0.200	1.0
Method: Moisture			Date Analyzed:	04/19/2009 0137		

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25824-SB20 @ 2'-3'
Lab Sample ID: 500-18309-6

Date Sampled: 04/16/2009 1025
Date Received: 04/17/2009 1030
Client Matrix: Solid

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Percent Moisture	13	%	0.10	0.10	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25825-SB22 @ 3'-4'
Lab Sample ID: 500-18309-7

Date Sampled: 04/16/2009 1040
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	04/22/2009 1926		
Prep Method: 5035			Date Prepared:	04/16/2009 1040		
Chloromethane	<0.0067		mg/Kg	0.0021	0.0067	1.0
Vinyl chloride	<0.0067	*	mg/Kg	0.0019	0.0067	1.0
Bromomethane	<0.0067		mg/Kg	0.0029	0.0067	1.0
Chloroethane	<0.0067		mg/Kg	0.0016	0.0067	1.0
1,1-Dichloroethene	<0.0067		mg/Kg	0.0012	0.0067	1.0
Acetone	<0.0067		mg/Kg	0.0025	0.0067	1.0
Carbon disulfide	<0.0067		mg/Kg	0.0013	0.0067	1.0
Methylene Chloride	<0.0067		mg/Kg	0.0010	0.0067	1.0
trans-1,2-Dichloroethene	<0.0067		mg/Kg	0.0013	0.0067	1.0
Methyl tert-butyl ether	<0.0067		mg/Kg	0.0017	0.0067	1.0
1,1-Dichloroethane	<0.0067		mg/Kg	0.0013	0.0067	1.0
cis-1,2-Dichloroethene	<0.0067		mg/Kg	0.0013	0.0067	1.0
Methyl Ethyl Ketone	<0.0067		mg/Kg	0.0024	0.0067	1.0
Chloroform	<0.0067		mg/Kg	0.0013	0.0067	1.0
1,1,1-Trichloroethane	<0.0067		mg/Kg	0.0012	0.0067	1.0
Carbon tetrachloride	<0.0067		mg/Kg	0.0013	0.0067	1.0
Benzene	<0.0067		mg/Kg	0.0011	0.0067	1.0
1,2-Dichloroethane	<0.0067		mg/Kg	0.0015	0.0067	1.0
Trichloroethene	<0.0067		mg/Kg	0.0013	0.0067	1.0
1,2-Dichloropropane	<0.0067		mg/Kg	0.0013	0.0067	1.0
Bromodichloromethane	<0.0067		mg/Kg	0.0010	0.0067	1.0
cis-1,3-Dichloropropene	<0.0067		mg/Kg	0.0011	0.0067	1.0
methyl isobutyl ketone	<0.0067		mg/Kg	0.0020	0.0067	1.0
Toluene	<0.0067		mg/Kg	0.0012	0.0067	1.0
trans-1,3-Dichloropropene	<0.0067		mg/Kg	0.0013	0.0067	1.0
1,1,2-Trichloroethane	<0.0067		mg/Kg	0.0024	0.0067	1.0
Tetrachloroethene	<0.0067		mg/Kg	0.0011	0.0067	1.0
2-Hexanone	<0.0067		mg/Kg	0.0016	0.0067	1.0
Dibromochloromethane	<0.0067		mg/Kg	0.0011	0.0067	1.0
Chlorobenzene	<0.0067		mg/Kg	0.00091	0.0067	1.0
Ethylbenzene	<0.0067		mg/Kg	0.00095	0.0067	1.0
Xylenes, Total	<0.013		mg/Kg	0.0020	0.013	1.0
Styrene	<0.0067		mg/Kg	0.0010	0.0067	1.0
Bromoform	<0.0067		mg/Kg	0.0013	0.0067	1.0
1,1,2,2-Tetrachloroethane	<0.0067		mg/Kg	0.0016	0.0067	1.0
1,3-Dichloropropene, Total	<0.0067		mg/Kg	0.0013	0.0067	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	129	%	75 - 140

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25825-SB22 @ 3'-4'
Lab Sample ID: 500-18309-7

Date Sampled: 04/16/2009 1040
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Toluene-d8 (Surr)	114		%		75 - 130	
4-Bromofluorobenzene (Surr)	98		%		75 - 120	
Dibromofluoromethane	137		%		75 - 140	
Method: 8270C			Date Analyzed:	05/01/2009 1608		
Prep Method: 3541			Date Prepared:	04/22/2009 1620		
Acenaphthene	0.17		mg/Kg	0.0045	0.036	1.0
Acenaphthylene	0.064		mg/Kg	0.0038	0.036	1.0
Anthracene	0.40		mg/Kg	0.0042	0.036	1.0
Benzo[a]anthracene	1.0		mg/Kg	0.0045	0.036	1.0
Benzo[a]pyrene	1.1		mg/Kg	0.0034	0.036	1.0
Benzo[b]fluoranthene	1.1		mg/Kg	0.0079	0.036	1.0
Benzo[g,h,i]perylene	0.73		mg/Kg	0.0062	0.036	1.0
Benzo[k]fluoranthene	0.55		mg/Kg	0.0077	0.036	1.0
Bis(2-chloroethoxy)methane	<0.18		mg/Kg	0.022	0.18	1.0
Bis(2-chloroethyl)ether	<0.18		mg/Kg	0.023	0.18	1.0
Bis(2-ethylhexyl) phthalate	<0.18		mg/Kg	0.031	0.18	1.0
4-Bromophenyl phenyl ether	<0.18		mg/Kg	0.014	0.18	1.0
Butyl benzyl phthalate	<0.18		mg/Kg	0.016	0.18	1.0
Carbazole	0.17	J	mg/Kg	0.014	0.18	1.0
4-Chloroaniline	<0.73		mg/Kg	0.14	0.73	1.0
4-Chloro-3-methylphenol	<0.36		mg/Kg	0.088	0.36	1.0
2-Chloronaphthalene	<0.18		mg/Kg	0.016	0.18	1.0
2-Chlorophenol	<0.18		mg/Kg	0.031	0.18	1.0
4-Chlorophenyl phenyl ether	<0.18		mg/Kg	0.015	0.18	1.0
Chrysene	1.4		mg/Kg	0.0056	0.036	1.0
Dibenz(a,h)anthracene	0.20		mg/Kg	0.0044	0.036	1.0
Dibenzofuran	0.14	J	mg/Kg	0.013	0.18	1.0
1,2-Dichlorobenzene	<0.18		mg/Kg	0.018	0.18	1.0
1,3-Dichlorobenzene	<0.18		mg/Kg	0.019	0.18	1.0
1,4-Dichlorobenzene	<0.18		mg/Kg	0.020	0.18	1.0
3,3'-Dichlorobenzidine	<0.18		mg/Kg	0.053	0.18	1.0
2,4-Dichlorophenol	<0.36		mg/Kg	0.038	0.36	1.0
Diethyl phthalate	<0.18		mg/Kg	0.018	0.18	1.0
2,4-Dimethylphenol	<0.36		mg/Kg	0.066	0.36	1.0
Dimethyl phthalate	<0.18		mg/Kg	0.014	0.18	1.0
Di-n-butyl phthalate	0.026	J	mg/Kg	0.014	0.18	1.0
4,6-Dinitro-2-methylphenol	<0.36		mg/Kg	0.044	0.36	1.0
2,4-Dinitrophenol	<0.73		mg/Kg	0.20	0.73	1.0
2,4-Dinitrotoluene	<0.18		mg/Kg	0.019	0.18	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25825-SB22 @ 3'-4'
Lab Sample ID: 500-18309-7

Date Sampled: 04/16/2009 1040
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2,6-Dinitrotoluene	<0.18		mg/Kg	0.019	0.18	1.0
Di-n-octyl phthalate	<0.18		mg/Kg	0.016	0.18	1.0
Fluoranthene	1.8		mg/Kg	0.0047	0.036	1.0
Fluorene	0.19		mg/Kg	0.0038	0.036	1.0
Hexachlorobenzene	<0.073		mg/Kg	0.0052	0.073	1.0
Hexachlorobutadiene	<0.18		mg/Kg	0.021	0.18	1.0
Hexachlorocyclopentadiene	<0.73		mg/Kg	0.12	0.73	1.0
Hexachloroethane	<0.18		mg/Kg	0.019	0.18	1.0
Indeno[1,2,3-cd]pyrene	0.66		mg/Kg	0.0047	0.036	1.0
Isophorone	<0.18		mg/Kg	0.015	0.18	1.0
2-Methylnaphthalene	0.13	J	mg/Kg	0.020	0.18	1.0
2-Methylphenol	<0.18		mg/Kg	0.036	0.18	1.0
3 & 4 Methylphenol	<0.18		mg/Kg	0.033	0.18	1.0
Naphthalene	0.18		mg/Kg	0.0037	0.036	1.0
2-Nitroaniline	<0.18		mg/Kg	0.020	0.18	1.0
3-Nitroaniline	<0.36		mg/Kg	0.070	0.36	1.0
4-Nitroaniline	<0.36		mg/Kg	0.077	0.36	1.0
Nitrobenzene	<0.036		mg/Kg	0.0066	0.036	1.0
2-Nitrophenol	<0.36		mg/Kg	0.044	0.36	1.0
4-Nitrophenol	<0.73		mg/Kg	0.063	0.73	1.0
N-Nitrosodi-n-propylamine	<0.18		mg/Kg	0.025	0.18	1.0
N-Nitrosodiphenylamine	<0.18	*	mg/Kg	0.011	0.18	1.0
2,2'-oxybis[1-chloropropane]	<0.18		mg/Kg	0.019	0.18	1.0
Pentachlorophenol	<0.73		mg/Kg	0.13	0.73	1.0
Phenanthrene	1.7		mg/Kg	0.0031	0.036	1.0
Phenol	<0.18		mg/Kg	0.032	0.18	1.0
Pyrene	1.9		mg/Kg	0.0042	0.036	1.0
1,2,4-Trichlorobenzene	<0.18		mg/Kg	0.018	0.18	1.0
2,4,5-Trichlorophenol	<0.36		mg/Kg	0.050	0.36	1.0
2,4,6-Trichlorophenol	<0.36		mg/Kg	0.036	0.36	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	89	%	33 - 114
2-Fluorophenol	69	%	25 - 111
Nitrobenzene-d5	76	%	21 - 116
Phenol-d5	73	%	31 - 110
Terphenyl-d14	91	%	48 - 146
2,4,6-Tribromophenol	97	%	32 - 138

Method: 6010B Date Analyzed: 04/25/2009 0501
Prep Method: 3050B Date Prepared: 04/22/2009 0901

Aluminum	4700	mg/Kg	1.9	21	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25825-SB22 @ 3'-4'
Lab Sample ID: 500-18309-7

Date Sampled: 04/16/2009 1040
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Antimony	2.7		mg/Kg	0.30	2.1	1.0
Arsenic	9.2		mg/Kg	0.30	1.0	1.0
Barium	62		mg/Kg	0.033	1.0	1.0
Beryllium	0.49		mg/Kg	0.010	0.41	1.0
Cadmium	0.76		mg/Kg	0.034	0.21	1.0
Calcium	28000	B	mg/Kg	0.88	10	1.0
Chromium	14	B	mg/Kg	0.090	1.0	1.0
Cobalt	4.4		mg/Kg	0.075	0.52	1.0
Copper	72		mg/Kg	0.46	1.0	1.0
Iron	45000	B	mg/Kg	2.1	10	1.0
Lead	100	B	mg/Kg	0.11	0.52	1.0
Magnesium	12000	B	mg/Kg	1.2	10	1.0
Manganese	420		mg/Kg	0.032	1.0	1.0
Nickel	13	B	mg/Kg	0.064	1.0	1.0
Potassium	840		mg/Kg	6.3	52	1.0
Selenium	<1.0		mg/Kg	0.39	1.0	1.0
Silver	0.11	J	mg/Kg	0.10	0.52	1.0
Sodium	460		mg/Kg	21	100	1.0
Thallium	<1.0		mg/Kg	0.34	1.0	1.0
Vanadium	23		mg/Kg	0.088	0.52	1.0
Zinc	130	B	mg/Kg	0.19	2.1	1.0
Method: 7471A			Date Analyzed:	04/21/2009 1302		
Prep Method: 7471A			Date Prepared:	04/21/2009 1100		
Mercury	0.12		mg/Kg	0.0075	0.019	1.0
Method: 9014			Date Analyzed:	04/24/2009 1224		
Prep Method: 9010B			Date Prepared:	04/24/2009 0640		
Cyanide, Total	0.14	J	mg/Kg	0.11	0.44	1.0
Method: 9045C			Date Analyzed:	04/29/2009 1153		
pH	8.24		SU	0.200	0.200	1.0
Method: Moisture			Date Analyzed:	04/19/2009 0137		
Percent Moisture	11		%	0.10	0.10	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25826-SB18 @ .5'-1.5'
Lab Sample ID: 500-18309-8

Date Sampled: 04/16/2009 1105
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 90

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	04/22/2009 1952		
Prep Method: 5035			Date Prepared:	04/16/2009 1105		
Chloromethane	<0.0043		mg/Kg	0.0014	0.0043	1.0
Vinyl chloride	<0.0043	*	mg/Kg	0.0012	0.0043	1.0
Bromomethane	<0.0043		mg/Kg	0.0019	0.0043	1.0
Chloroethane	<0.0043		mg/Kg	0.0010	0.0043	1.0
1,1-Dichloroethene	<0.0043		mg/Kg	0.00076	0.0043	1.0
Acetone	<0.0043		mg/Kg	0.0016	0.0043	1.0
Carbon disulfide	<0.0043		mg/Kg	0.00082	0.0043	1.0
Methylene Chloride	<0.0043		mg/Kg	0.00068	0.0043	1.0
trans-1,2-Dichloroethene	<0.0043		mg/Kg	0.00087	0.0043	1.0
Methyl tert-butyl ether	<0.0043		mg/Kg	0.0011	0.0043	1.0
1,1-Dichloroethane	<0.0043		mg/Kg	0.00083	0.0043	1.0
cis-1,2-Dichloroethene	<0.0043		mg/Kg	0.00083	0.0043	1.0
Methyl Ethyl Ketone	<0.0043		mg/Kg	0.0016	0.0043	1.0
Chloroform	<0.0043		mg/Kg	0.00085	0.0043	1.0
1,1,1-Trichloroethane	<0.0043		mg/Kg	0.00077	0.0043	1.0
Carbon tetrachloride	<0.0043		mg/Kg	0.00082	0.0043	1.0
Benzene	<0.0043		mg/Kg	0.00074	0.0043	1.0
1,2-Dichloroethane	<0.0043		mg/Kg	0.00095	0.0043	1.0
Trichloroethene	<0.0043		mg/Kg	0.00083	0.0043	1.0
1,2-Dichloropropane	<0.0043		mg/Kg	0.00082	0.0043	1.0
Bromodichloromethane	<0.0043		mg/Kg	0.00068	0.0043	1.0
cis-1,3-Dichloropropene	<0.0043		mg/Kg	0.00069	0.0043	1.0
methyl isobutyl ketone	<0.0043		mg/Kg	0.0013	0.0043	1.0
Toluene	<0.0043		mg/Kg	0.00076	0.0043	1.0
trans-1,3-Dichloropropene	<0.0043		mg/Kg	0.00083	0.0043	1.0
1,1,2-Trichloroethane	<0.0043		mg/Kg	0.0016	0.0043	1.0
Tetrachloroethene	<0.0043		mg/Kg	0.00069	0.0043	1.0
2-Hexanone	<0.0043		mg/Kg	0.0010	0.0043	1.0
Dibromochloromethane	<0.0043		mg/Kg	0.00072	0.0043	1.0
Chlorobenzene	<0.0043		mg/Kg	0.00059	0.0043	1.0
Ethylbenzene	<0.0043		mg/Kg	0.00062	0.0043	1.0
Xylenes, Total	<0.0087		mg/Kg	0.0013	0.0087	1.0
Styrene	<0.0043		mg/Kg	0.00065	0.0043	1.0
Bromoform	<0.0043		mg/Kg	0.00087	0.0043	1.0
1,1,2,2-Tetrachloroethane	<0.0043		mg/Kg	0.0010	0.0043	1.0
1,3-Dichloropropene, Total	<0.0043		mg/Kg	0.00083	0.0043	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	128	%	75 - 140

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25826-SB18 @ .5'-1.5'
Lab Sample ID: 500-18309-8

Date Sampled: 04/16/2009 1105
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 90

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Toluene-d8 (Surr)	116		%		75 - 130	
4-Bromofluorobenzene (Surr)	107		%		75 - 120	
Dibromofluoromethane	139		%		75 - 140	
Method: 8270C				Date Analyzed:	05/01/2009 1629	
Prep Method: 3541				Date Prepared:	04/22/2009 1620	
Acenaphthene	0.15	J	mg/Kg	0.023	0.18	5.0
Acenaphthylene	0.28		mg/Kg	0.019	0.18	5.0
Anthracene	0.63		mg/Kg	0.021	0.18	5.0
Benzo[a]anthracene	2.0		mg/Kg	0.023	0.18	5.0
Benzo[a]pyrene	2.3		mg/Kg	0.017	0.18	5.0
Benzo[b]fluoranthene	2.5		mg/Kg	0.039	0.18	5.0
Benzo[g,h,i]perylene	1.4		mg/Kg	0.031	0.18	5.0
Benzo[k]fluoranthene	1.4		mg/Kg	0.038	0.18	5.0
Bis(2-chloroethoxy)methane	<0.90		mg/Kg	0.11	0.90	5.0
Bis(2-chloroethyl)ether	<0.90		mg/Kg	0.12	0.90	5.0
Bis(2-ethylhexyl) phthalate	<0.90		mg/Kg	0.15	0.90	5.0
4-Bromophenyl phenyl ether	<0.90		mg/Kg	0.071	0.90	5.0
Butyl benzyl phthalate	<0.90		mg/Kg	0.079	0.90	5.0
Carbazole	0.21	J	mg/Kg	0.068	0.90	5.0
4-Chloroaniline	<3.6		mg/Kg	0.69	3.6	5.0
4-Chloro-3-methylphenol	<1.8		mg/Kg	0.44	1.8	5.0
2-Chloronaphthalene	<0.90		mg/Kg	0.082	0.90	5.0
2-Chlorophenol	<0.90		mg/Kg	0.16	0.90	5.0
4-Chlorophenyl phenyl ether	<0.90		mg/Kg	0.075	0.90	5.0
Chrysene	2.6		mg/Kg	0.028	0.18	5.0
Dibenz(a,h)anthracene	0.43		mg/Kg	0.022	0.18	5.0
Dibenzofuran	0.23	J	mg/Kg	0.067	0.90	5.0
1,2-Dichlorobenzene	<0.90		mg/Kg	0.089	0.90	5.0
1,3-Dichlorobenzene	<0.90		mg/Kg	0.093	0.90	5.0
1,4-Dichlorobenzene	<0.90		mg/Kg	0.098	0.90	5.0
3,3'-Dichlorobenzidine	<0.90		mg/Kg	0.26	0.90	5.0
2,4-Dichlorophenol	<1.8		mg/Kg	0.19	1.8	5.0
Diethyl phthalate	<0.90		mg/Kg	0.092	0.90	5.0
2,4-Dimethylphenol	<1.8		mg/Kg	0.33	1.8	5.0
Dimethyl phthalate	<0.90		mg/Kg	0.069	0.90	5.0
Di-n-butyl phthalate	<0.90		mg/Kg	0.071	0.90	5.0
4,6-Dinitro-2-methylphenol	<1.8		mg/Kg	0.22	1.8	5.0
2,4-Dinitrophenol	<3.6		mg/Kg	0.98	3.6	5.0
2,4-Dinitrotoluene	<0.90		mg/Kg	0.096	0.90	5.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25826-SB18 @ .5'-1.5'
Lab Sample ID: 500-18309-8

Date Sampled: 04/16/2009 1105
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 90

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2,6-Dinitrotoluene	<0.90		mg/Kg	0.096	0.90	5.0
Di-n-octyl phthalate	<0.90		mg/Kg	0.081	0.90	5.0
Fluoranthene	4.0		mg/Kg	0.023	0.18	5.0
Fluorene	0.27		mg/Kg	0.019	0.18	5.0
Hexachlorobenzene	<0.36		mg/Kg	0.026	0.36	5.0
Hexachlorobutadiene	<0.90		mg/Kg	0.10	0.90	5.0
Hexachlorocyclopentadiene	<3.6		mg/Kg	0.61	3.6	5.0
Hexachloroethane	<0.90		mg/Kg	0.095	0.90	5.0
Indeno[1,2,3-cd]pyrene	1.3		mg/Kg	0.023	0.18	5.0
Isophorone	<0.90		mg/Kg	0.073	0.90	5.0
2-Methylnaphthalene	0.37	J	mg/Kg	0.10	0.90	5.0
2-Methylphenol	<0.90		mg/Kg	0.18	0.90	5.0
3 & 4 Methylphenol	<0.90		mg/Kg	0.17	0.90	5.0
Naphthalene	0.30		mg/Kg	0.018	0.18	5.0
2-Nitroaniline	<0.90		mg/Kg	0.098	0.90	5.0
3-Nitroaniline	<1.8		mg/Kg	0.35	1.8	5.0
4-Nitroaniline	<1.8		mg/Kg	0.39	1.8	5.0
Nitrobenzene	<0.18		mg/Kg	0.033	0.18	5.0
2-Nitrophenol	<1.8		mg/Kg	0.22	1.8	5.0
4-Nitrophenol	<3.6		mg/Kg	0.31	3.6	5.0
N-Nitrosodi-n-propylamine	<0.90		mg/Kg	0.12	0.90	5.0
N-Nitrosodiphenylamine	<0.90	*	mg/Kg	0.053	0.90	5.0
2,2'-oxybis[1-chloropropane]	<0.90		mg/Kg	0.094	0.90	5.0
Pentachlorophenol	<3.6		mg/Kg	0.66	3.6	5.0
Phenanthrene	2.9		mg/Kg	0.016	0.18	5.0
Phenol	<0.90		mg/Kg	0.16	0.90	5.0
Pyrene	3.9		mg/Kg	0.021	0.18	5.0
1,2,4-Trichlorobenzene	<0.90		mg/Kg	0.089	0.90	5.0
2,4,5-Trichlorophenol	<1.8		mg/Kg	0.25	1.8	5.0
2,4,6-Trichlorophenol	<1.8		mg/Kg	0.18	1.8	5.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	97	%	33 - 114
2-Fluorophenol	72	%	25 - 111
Nitrobenzene-d5	77	%	21 - 116
Phenol-d5	73	%	31 - 110
Terphenyl-d14	91	%	48 - 146
2,4,6-Tribromophenol	100	%	32 - 138

Method: 6010B Date Analyzed: 04/25/2009 0507
Prep Method: 3050B Date Prepared: 04/22/2009 0901

Aluminum	2800	mg/Kg	1.9	22	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25826-SB18 @ .5'-1.5'
Lab Sample ID: 500-18309-8

Date Sampled: 04/16/2009 1105
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 90

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Antimony	1.8	J	mg/Kg	0.31	2.2	1.0
Arsenic	8.5		mg/Kg	0.31	1.1	1.0
Barium	36		mg/Kg	0.034	1.1	1.0
Beryllium	0.24	J	mg/Kg	0.011	0.43	1.0
Cadmium	1.3		mg/Kg	0.035	0.22	1.0
Calcium	73000	B	mg/Kg	0.91	11	1.0
Chromium	8.8	B	mg/Kg	0.094	1.1	1.0
Cobalt	5.6		mg/Kg	0.078	0.54	1.0
Copper	53		mg/Kg	0.48	1.1	1.0
Lead	45	B	mg/Kg	0.12	0.54	1.0
Magnesium	44000	B	mg/Kg	1.3	11	1.0
Manganese	970		mg/Kg	0.033	1.1	1.0
Nickel	12	B	mg/Kg	0.067	1.1	1.0
Potassium	420		mg/Kg	6.6	54	1.0
Selenium	<1.1		mg/Kg	0.41	1.1	1.0
Silver	<0.54		mg/Kg	0.11	0.54	1.0
Sodium	550		mg/Kg	22	110	1.0
Thallium	<1.1		mg/Kg	0.35	1.1	1.0
Vanadium	16		mg/Kg	0.091	0.54	1.0
Zinc	44	B	mg/Kg	0.19	2.2	1.0
Method: 6010B			Date Analyzed:	04/26/2009 0222		
Prep Method: 3050B			Date Prepared:	04/22/2009 0901		
Iron	100000	B	mg/Kg	22	110	10
Method: 7471A			Date Analyzed:	04/21/2009 1304		
Prep Method: 7471A			Date Prepared:	04/21/2009 1100		
Mercury	0.10		mg/Kg	0.0075	0.019	1.0
Method: 9014			Date Analyzed:	04/24/2009 1224		
Prep Method: 9010B			Date Prepared:	04/24/2009 0640		
Cyanide, Total	<0.33		mg/Kg	0.082	0.33	1.0
Method: 9045C			Date Analyzed:	04/29/2009 1155		
pH	9.10		SU	0.200	0.200	1.0
Method: Moisture			Date Analyzed:	04/19/2009 0137		
Percent Moisture	10		%	0.10	0.10	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25827-SB21 @ 1.5'-2.5'
Lab Sample ID: 500-18309-9

Date Sampled: 04/16/2009 1115
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 86

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	04/23/2009 1316		
Prep Method: 5035			Date Prepared:	04/16/2009 1115		
Chloromethane	<0.0053		mg/Kg	0.0017	0.0053	1.0
Vinyl chloride	<0.0053		mg/Kg	0.0015	0.0053	1.0
Bromomethane	<0.0053		mg/Kg	0.0023	0.0053	1.0
Chloroethane	<0.0053		mg/Kg	0.0013	0.0053	1.0
1,1-Dichloroethene	<0.0053		mg/Kg	0.00093	0.0053	1.0
Acetone	0.080		mg/Kg	0.0020	0.0053	1.0
Carbon disulfide	0.0040	J	mg/Kg	0.00099	0.0053	1.0
Methylene Chloride	<0.0053		mg/Kg	0.00082	0.0053	1.0
trans-1,2-Dichloroethene	<0.0053		mg/Kg	0.0011	0.0053	1.0
Methyl tert-butyl ether	<0.0053		mg/Kg	0.0014	0.0053	1.0
1,1-Dichloroethane	<0.0053		mg/Kg	0.0010	0.0053	1.0
cis-1,2-Dichloroethene	0.013		mg/Kg	0.0010	0.0053	1.0
Methyl Ethyl Ketone	<0.0053		mg/Kg	0.0019	0.0053	1.0
Chloroform	<0.0053		mg/Kg	0.0010	0.0053	1.0
1,1,1-Trichloroethane	<0.0053		mg/Kg	0.00094	0.0053	1.0
Carbon tetrachloride	<0.0053		mg/Kg	0.00099	0.0053	1.0
Benzene	<0.0053		mg/Kg	0.00090	0.0053	1.0
1,2-Dichloroethane	<0.0053		mg/Kg	0.0012	0.0053	1.0
Trichloroethene	0.033		mg/Kg	0.0010	0.0053	1.0
1,2-Dichloropropane	<0.0053		mg/Kg	0.00099	0.0053	1.0
Bromodichloromethane	<0.0053		mg/Kg	0.00082	0.0053	1.0
cis-1,3-Dichloropropene	<0.0053		mg/Kg	0.00085	0.0053	1.0
methyl isobutyl ketone	<0.0053		mg/Kg	0.0016	0.0053	1.0
Toluene	<0.0053		mg/Kg	0.00093	0.0053	1.0
trans-1,3-Dichloropropene	<0.0053		mg/Kg	0.0010	0.0053	1.0
1,1,2-Trichloroethane	<0.0053		mg/Kg	0.0019	0.0053	1.0
Tetrachloroethene	<0.0053		mg/Kg	0.00085	0.0053	1.0
2-Hexanone	<0.0053		mg/Kg	0.0013	0.0053	1.0
Dibromochloromethane	<0.0053		mg/Kg	0.00088	0.0053	1.0
Chlorobenzene	<0.0053		mg/Kg	0.00072	0.0053	1.0
Ethylbenzene	<0.0053		mg/Kg	0.00075	0.0053	1.0
Xylenes, Total	<0.011		mg/Kg	0.0016	0.011	1.0
Styrene	<0.0053		mg/Kg	0.00079	0.0053	1.0
Bromoform	<0.0053		mg/Kg	0.0011	0.0053	1.0
1,1,2,2-Tetrachloroethane	<0.0053		mg/Kg	0.0013	0.0053	1.0
1,3-Dichloropropene, Total	<0.0053		mg/Kg	0.0010	0.0053	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117	%	75 - 140

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25827-SB21 @ 1.5'-2.5'
Lab Sample ID: 500-18309-9

Date Sampled: 04/16/2009 1115
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 86

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	116	%		75 - 130	
4-Bromofluorobenzene (Surr)	106	%		75 - 120	
Dibromofluoromethane	120	%		75 - 140	
Method: 8270C		Date Analyzed:		05/01/2009 0108	
Prep Method: 3541		Date Prepared:		04/22/2009 1620	
Acenaphthene	5.8	mg/Kg	0.023	0.18	5.0
Acenaphthylene	0.81	mg/Kg	0.019	0.18	5.0
Anthracene	12	mg/Kg	0.022	0.18	5.0
Bis(2-chloroethoxy)methane	<0.93	mg/Kg	0.11	0.93	5.0
Bis(2-chloroethyl)ether	<0.93	mg/Kg	0.12	0.93	5.0
Bis(2-ethylhexyl) phthalate	<0.93	mg/Kg	0.16	0.93	5.0
4-Bromophenyl phenyl ether	<0.93	mg/Kg	0.073	0.93	5.0
Butyl benzyl phthalate	<0.93	mg/Kg	0.082	0.93	5.0
Carbazole	9.0	mg/Kg	0.070	0.93	5.0
4-Chloroaniline	<3.7	mg/Kg	0.71	3.7	5.0
4-Chloro-3-methylphenol	<1.8	mg/Kg	0.45	1.8	5.0
2-Chloronaphthalene	<0.93	mg/Kg	0.084	0.93	5.0
2-Chlorophenol	<0.93	mg/Kg	0.16	0.93	5.0
4-Chlorophenyl phenyl ether	<0.93	mg/Kg	0.077	0.93	5.0
Dibenz(a,h)anthracene	11	mg/Kg	0.023	0.18	5.0
Dibenzofuran	3.0	mg/Kg	0.069	0.93	5.0
1,2-Dichlorobenzene	<0.93	mg/Kg	0.092	0.93	5.0
1,3-Dichlorobenzene	<0.93	mg/Kg	0.096	0.93	5.0
1,4-Dichlorobenzene	<0.93	mg/Kg	0.10	0.93	5.0
3,3'-Dichlorobenzidine	<0.93	mg/Kg	0.27	0.93	5.0
2,4-Dichlorophenol	<1.8	mg/Kg	0.20	1.8	5.0
Diethyl phthalate	<0.93	mg/Kg	0.094	0.93	5.0
2,4-Dimethylphenol	<1.8	mg/Kg	0.34	1.8	5.0
Dimethyl phthalate	<0.93	mg/Kg	0.071	0.93	5.0
Di-n-butyl phthalate	<0.93	mg/Kg	0.073	0.93	5.0
4,6-Dinitro-2-methylphenol	<1.8	mg/Kg	0.22	1.8	5.0
2,4-Dinitrophenol	<3.7	mg/Kg	1.0	3.7	5.0
2,4-Dinitrotoluene	<0.93	mg/Kg	0.099	0.93	5.0
2,6-Dinitrotoluene	<0.93	mg/Kg	0.098	0.93	5.0
Di-n-octyl phthalate	<0.93	mg/Kg	0.083	0.93	5.0
Fluorene	5.8	mg/Kg	0.019	0.18	5.0
Hexachlorobenzene	<0.37	mg/Kg	0.027	0.37	5.0
Hexachlorobutadiene	<0.93	mg/Kg	0.11	0.93	5.0
Hexachlorocyclopentadiene	<3.7	mg/Kg	0.63	3.7	5.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25827-SB21 @ 1.5'-2.5'
Lab Sample ID: 500-18309-9

Date Sampled: 04/16/2009 1115
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 86

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Hexachloroethane	<0.93		mg/Kg	0.098	0.93	5.0
Isophorone	<0.93		mg/Kg	0.075	0.93	5.0
2-Methylnaphthalene	1.1		mg/Kg	0.11	0.93	5.0
2-Methylphenol	<0.93		mg/Kg	0.18	0.93	5.0
3 & 4 Methylphenol	<0.93		mg/Kg	0.17	0.93	5.0
Naphthalene	2.3		mg/Kg	0.019	0.18	5.0
2-Nitroaniline	<0.93		mg/Kg	0.10	0.93	5.0
3-Nitroaniline	<1.8		mg/Kg	0.36	1.8	5.0
4-Nitroaniline	<1.8		mg/Kg	0.40	1.8	5.0
Nitrobenzene	<0.18		mg/Kg	0.034	0.18	5.0
2-Nitrophenol	<1.8		mg/Kg	0.22	1.8	5.0
4-Nitrophenol	<3.7		mg/Kg	0.32	3.7	5.0
N-Nitrosodi-n-propylamine	<0.93		mg/Kg	0.13	0.93	5.0
N-Nitrosodiphenylamine	<0.93	*	mg/Kg	0.055	0.93	5.0
2,2'-oxybis[1-chloropropane]	<0.93		mg/Kg	0.097	0.93	5.0
Pentachlorophenol	<3.7		mg/Kg	0.68	3.7	5.0
Phenol	<0.93		mg/Kg	0.16	0.93	5.0
1,2,4-Trichlorobenzene	<0.93		mg/Kg	0.091	0.93	5.0
2,4,5-Trichlorophenol	<1.8		mg/Kg	0.26	1.8	5.0
2,4,6-Trichlorophenol	<1.8		mg/Kg	0.19	1.8	5.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	108	%	33 - 114
2-Fluorophenol	58	%	25 - 111
Nitrobenzene-d5	83	%	21 - 116
Phenol-d5	79	%	31 - 110
Terphenyl-d14	118	%	48 - 146
2,4,6-Tribromophenol	91	%	32 - 138

Method: 8270C Run Type: DL
Prep Method: 3541

Date Analyzed: 05/01/2009 1853
Date Prepared: 04/22/2009 1620

Benzo[a]anthracene	51	mg/Kg	0.47	3.7	100
Benzo[a]pyrene	43	mg/Kg	0.34	3.7	100
Benzo[b]fluoranthene	50	mg/Kg	0.81	3.7	100
Benzo[g,h,i]perylene	27	mg/Kg	0.63	3.7	100
Benzo[k]fluoranthene	30	mg/Kg	0.79	3.7	100
Chrysene	48	mg/Kg	0.58	3.7	100
Fluoranthene	96	mg/Kg	0.48	3.7	100
Indeno[1,2,3-cd]pyrene	25	mg/Kg	0.48	3.7	100
Phenanthrene	72	mg/Kg	0.32	3.7	100
Pyrene	89	mg/Kg	0.43	3.7	100

Surrogate			Acceptance Limits

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25827-SB21 @ 1.5'-2.5'
Lab Sample ID: 500-18309-9

Date Sampled: 04/16/2009 1115
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 86

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2-Fluorobiphenyl	0	D	%		33 - 114	
2-Fluorophenol	0	D	%		25 - 111	
Nitrobenzene-d5	0	D	%		21 - 116	
Phenol-d5	0	D	%		31 - 110	
Terphenyl-d14	0	D	%		48 - 146	
2,4,6-Tribromophenol	0	D	%		32 - 138	
Method: 6010B			Date Analyzed:	04/25/2009 0513		
Prep Method: 3050B			Date Prepared:	04/22/2009 0901		
Aluminum	3800		mg/Kg	1.9	21	1.0
Antimony	6.0		mg/Kg	0.31	2.1	1.0
Arsenic	40		mg/Kg	0.31	1.1	1.0
Barium	270		mg/Kg	0.034	1.1	1.0
Beryllium	0.94		mg/Kg	0.011	0.43	1.0
Cadmium	5.7		mg/Kg	0.035	0.21	1.0
Calcium	85000	B	mg/Kg	0.91	11	1.0
Chromium	22	B	mg/Kg	0.093	1.1	1.0
Cobalt	5.5		mg/Kg	0.078	0.54	1.0
Copper	1700		mg/Kg	0.48	1.1	1.0
Iron	49000	B	mg/Kg	2.1	11	1.0
Lead	840	B	mg/Kg	0.12	0.54	1.0
Magnesium	47000	B	mg/Kg	1.3	11	1.0
Manganese	490		mg/Kg	0.033	1.1	1.0
Nickel	19	B	mg/Kg	0.067	1.1	1.0
Potassium	1200		mg/Kg	6.6	54	1.0
Selenium	<1.1		mg/Kg	0.41	1.1	1.0
Silver	0.79		mg/Kg	0.11	0.54	1.0
Sodium	910		mg/Kg	22	110	1.0
Thallium	<1.1		mg/Kg	0.35	1.1	1.0
Vanadium	17		mg/Kg	0.091	0.54	1.0
Zinc	1500	B	mg/Kg	0.19	2.1	1.0
Method: 7471A			Date Analyzed:	04/21/2009 1331		
Prep Method: 7471A			Date Prepared:	04/21/2009 1100		
Mercury	3.3		mg/Kg	0.16	0.40	20
Method: 9014			Date Analyzed:	04/24/2009 1224		
Prep Method: 9010B			Date Prepared:	04/24/2009 0640		
Cyanide, Total	0.32	J	mg/Kg	0.12	0.47	1.0
Method: 9045C			Date Analyzed:	04/29/2009 1156		
pH	8.77		SU	0.200	0.200	1.0
Method: Moisture			Date Analyzed:	04/19/2009 0137		

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25827-SB21 @ 1.5'-2.5'
Lab Sample ID: 500-18309-9

Date Sampled: 04/16/2009 1115
Date Received: 04/17/2009 1030
Client Matrix: Solid

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Percent Moisture	14	%	0.10	0.10	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25828-SB26 @ .5'-1.5'
Lab Sample ID: 500-18309-10

Date Sampled: 04/16/2009 1138
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 83

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B		Date Analyzed:	04/27/2009 1422		
Prep Method: 5035		Date Prepared:	04/16/2009 1138		
Acetone	<0.39	mg/Kg	0.25	0.39	1.0
Benzene	<0.024	mg/Kg	0.0073	0.024	1.0
Bromodichloromethane	<0.19	mg/Kg	0.034	0.19	1.0
Bromoform	<0.19	mg/Kg	0.059	0.19	1.0
Bromomethane	<0.19	mg/Kg	0.053	0.19	1.0
Methyl Ethyl Ketone	<0.19	mg/Kg	0.13	0.19	1.0
Carbon disulfide	<0.19	mg/Kg	0.025	0.19	1.0
Carbon tetrachloride	<0.097	mg/Kg	0.041	0.097	1.0
Chlorobenzene	<0.097	mg/Kg	0.033	0.097	1.0
Chloroethane	<0.19	mg/Kg	0.053	0.19	1.0
Chloroform	<0.097	mg/Kg	0.026	0.097	1.0
Chloromethane	<0.19	mg/Kg	0.058	0.19	1.0
cis-1,2-Dichloroethene	<0.097	mg/Kg	0.039	0.097	1.0
cis-1,3-Dichloropropene	<0.097	mg/Kg	0.036	0.097	1.0
Dibromochloromethane	<0.19	mg/Kg	0.037	0.19	1.0
1,1-Dichloroethane	<0.097	mg/Kg	0.035	0.097	1.0
1,2-Dichloroethane	<0.097	mg/Kg	0.042	0.097	1.0
1,1-Dichloroethene	<0.097	mg/Kg	0.042	0.097	1.0
1,2-Dichloropropane	<0.097	mg/Kg	0.044	0.097	1.0
Ethylbenzene	0.076	mg/Kg	0.011	0.024	1.0
2-Hexanone	<0.19	mg/Kg	0.066	0.19	1.0
Methylene Chloride	0.43	mg/Kg	0.035	0.19	1.0
methyl isobutyl ketone	<0.19	mg/Kg	0.061	0.19	1.0
Methyl tert-butyl ether	<0.19	mg/Kg	0.031	0.19	1.0
Styrene	<0.097	mg/Kg	0.029	0.097	1.0
1,1,2,2-Tetrachloroethane	<0.097	mg/Kg	0.049	0.097	1.0
Tetrachloroethene	<0.097	mg/Kg	0.027	0.097	1.0
Toluene	0.10	mg/Kg	0.016	0.024	1.0
trans-1,2-Dichloroethene	<0.097	mg/Kg	0.033	0.097	1.0
trans-1,3-Dichloropropene	<0.097	mg/Kg	0.030	0.097	1.0
1,1,1-Trichloroethane	<0.097	mg/Kg	0.044	0.097	1.0
1,1,2-Trichloroethane	<0.097	mg/Kg	0.061	0.097	1.0
Trichloroethene	<0.024	mg/Kg	0.0098	0.024	1.0
Vinyl chloride	<0.024	mg/Kg	0.012	0.024	1.0
Xylenes, Total	0.63	mg/Kg	0.030	0.097	1.0
1,3-Dichloropropene, Total	<0.097	mg/Kg	0.036	0.097	1.0

Surrogate			Acceptance Limits
4-Bromofluorobenzene (Surr)	99	%	75 - 120

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25828-SB26 @ .5'-1.5'
Lab Sample ID: 500-18309-10

Date Sampled: 04/16/2009 1138
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 83

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	92		%		75 - 120	
1,2-Dichloroethane-d4 (Surr)	82		%		70 - 125	
Toluene-d8 (Surr)	105		%		75 - 120	
Method: 8270C			Date Analyzed:	05/01/2009 1649		
Prep Method: 3541			Date Prepared:	04/22/2009 1620		
Acenaphthene	0.021	J	mg/Kg	0.0048	0.038	1.0
Acenaphthylene	0.018	J	mg/Kg	0.0040	0.038	1.0
Anthracene	0.11		mg/Kg	0.0045	0.038	1.0
Benzo[a]anthracene	0.41		mg/Kg	0.0048	0.038	1.0
Benzo[a]pyrene	0.39		mg/Kg	0.0036	0.038	1.0
Benzo[b]fluoranthene	0.44		mg/Kg	0.0084	0.038	1.0
Benzo[g,h,i]perylene	0.23		mg/Kg	0.0066	0.038	1.0
Benzo[k]fluoranthene	0.20		mg/Kg	0.0082	0.038	1.0
Bis(2-chloroethoxy)methane	<0.19		mg/Kg	0.024	0.19	1.0
Bis(2-chloroethyl)ether	<0.19		mg/Kg	0.025	0.19	1.0
Bis(2-ethylhexyl) phthalate	<0.19		mg/Kg	0.032	0.19	1.0
4-Bromophenyl phenyl ether	<0.19		mg/Kg	0.015	0.19	1.0
Butyl benzyl phthalate	<0.19		mg/Kg	0.017	0.19	1.0
Carbazole	<0.19		mg/Kg	0.015	0.19	1.0
4-Chloroaniline	<0.77		mg/Kg	0.15	0.77	1.0
4-Chloro-3-methylphenol	<0.38		mg/Kg	0.094	0.38	1.0
2-Chloronaphthalene	<0.19		mg/Kg	0.017	0.19	1.0
2-Chlorophenol	<0.19		mg/Kg	0.033	0.19	1.0
4-Chlorophenyl phenyl ether	<0.19		mg/Kg	0.016	0.19	1.0
Chrysene	0.36		mg/Kg	0.0060	0.038	1.0
Dibenz(a,h)anthracene	0.091		mg/Kg	0.0047	0.038	1.0
Dibenzofuran	0.057	J	mg/Kg	0.014	0.19	1.0
1,2-Dichlorobenzene	<0.19		mg/Kg	0.019	0.19	1.0
1,3-Dichlorobenzene	<0.19		mg/Kg	0.020	0.19	1.0
1,4-Dichlorobenzene	<0.19		mg/Kg	0.021	0.19	1.0
3,3'-Dichlorobenzidine	<0.19		mg/Kg	0.056	0.19	1.0
2,4-Dichlorophenol	<0.38		mg/Kg	0.041	0.38	1.0
Diethyl phthalate	<0.19		mg/Kg	0.020	0.19	1.0
2,4-Dimethylphenol	<0.38		mg/Kg	0.070	0.38	1.0
Dimethyl phthalate	<0.19		mg/Kg	0.015	0.19	1.0
Di-n-butyl phthalate	<0.19		mg/Kg	0.015	0.19	1.0
4,6-Dinitro-2-methylphenol	<0.38		mg/Kg	0.046	0.38	1.0
2,4-Dinitrophenol	<0.77		mg/Kg	0.21	0.77	1.0
2,4-Dinitrotoluene	<0.19		mg/Kg	0.020	0.19	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25828-SB26 @ .5'-1.5'
Lab Sample ID: 500-18309-10

Date Sampled: 04/16/2009 1138
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 83

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2,6-Dinitrotoluene	<0.19		mg/Kg	0.020	0.19	1.0
Di-n-octyl phthalate	<0.19		mg/Kg	0.017	0.19	1.0
Fluoranthene	0.71		mg/Kg	0.0050	0.038	1.0
Fluorene	0.026	J	mg/Kg	0.0040	0.038	1.0
Hexachlorobenzene	<0.077		mg/Kg	0.0055	0.077	1.0
Hexachlorobutadiene	<0.19		mg/Kg	0.022	0.19	1.0
Hexachlorocyclopentadiene	<0.77		mg/Kg	0.13	0.77	1.0
Hexachloroethane	<0.19		mg/Kg	0.020	0.19	1.0
Indeno[1,2,3-cd]pyrene	0.22		mg/Kg	0.0050	0.038	1.0
Isophorone	<0.19		mg/Kg	0.016	0.19	1.0
2-Methylnaphthalene	0.21		mg/Kg	0.022	0.19	1.0
2-Methylphenol	<0.19		mg/Kg	0.038	0.19	1.0
3 & 4 Methylphenol	<0.19		mg/Kg	0.035	0.19	1.0
Naphthalene	0.13		mg/Kg	0.0039	0.038	1.0
2-Nitroaniline	<0.19		mg/Kg	0.021	0.19	1.0
3-Nitroaniline	<0.38		mg/Kg	0.075	0.38	1.0
4-Nitroaniline	<0.38		mg/Kg	0.082	0.38	1.0
Nitrobenzene	<0.038		mg/Kg	0.0070	0.038	1.0
2-Nitrophenol	<0.38		mg/Kg	0.047	0.38	1.0
4-Nitrophenol	<0.77		mg/Kg	0.067	0.77	1.0
N-Nitrosodi-n-propylamine	<0.19		mg/Kg	0.027	0.19	1.0
N-Nitrosodiphenylamine	<0.19	*	mg/Kg	0.011	0.19	1.0
2,2'-oxybis[1-chloropropane]	<0.19		mg/Kg	0.020	0.19	1.0
Pentachlorophenol	<0.77		mg/Kg	0.14	0.77	1.0
Phenanthrene	0.47		mg/Kg	0.0033	0.038	1.0
Phenol	<0.19		mg/Kg	0.034	0.19	1.0
Pyrene	0.73		mg/Kg	0.0045	0.038	1.0
1,2,4-Trichlorobenzene	<0.19		mg/Kg	0.019	0.19	1.0
2,4,5-Trichlorophenol	<0.38		mg/Kg	0.054	0.38	1.0
2,4,6-Trichlorophenol	<0.38		mg/Kg	0.039	0.38	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	85	%	33 - 114
2-Fluorophenol	68	%	25 - 111
Nitrobenzene-d5	70	%	21 - 116
Phenol-d5	74	%	31 - 110
Terphenyl-d14	95	%	48 - 146
2,4,6-Tribromophenol	113	%	32 - 138

Method: 6010B Date Analyzed: 04/25/2009 0519
Prep Method: 3050B Date Prepared: 04/22/2009 0901

Aluminum	7900	mg/Kg	2.0	22	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25828-SB26 @ .5'-1.5'
Lab Sample ID: 500-18309-10

Date Sampled: 04/16/2009 1138
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 83

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Antimony	<2.2		mg/Kg	0.32	2.2	1.0
Arsenic	4.8		mg/Kg	0.32	1.1	1.0
Barium	120		mg/Kg	0.035	1.1	1.0
Beryllium	0.56		mg/Kg	0.011	0.44	1.0
Cadmium	0.32		mg/Kg	0.036	0.22	1.0
Calcium	16000	B	mg/Kg	0.93	11	1.0
Chromium	11	B	mg/Kg	0.095	1.1	1.0
Cobalt	6.0		mg/Kg	0.080	0.55	1.0
Copper	14		mg/Kg	0.49	1.1	1.0
Iron	16000	B	mg/Kg	2.2	11	1.0
Lead	23	B	mg/Kg	0.12	0.55	1.0
Magnesium	8300	B	mg/Kg	1.3	11	1.0
Manganese	450		mg/Kg	0.034	1.1	1.0
Nickel	11	B	mg/Kg	0.068	1.1	1.0
Potassium	1100		mg/Kg	6.7	55	1.0
Selenium	<1.1		mg/Kg	0.41	1.1	1.0
Silver	<0.55		mg/Kg	0.11	0.55	1.0
Sodium	810		mg/Kg	22	110	1.0
Thallium	<1.1		mg/Kg	0.36	1.1	1.0
Vanadium	22		mg/Kg	0.093	0.55	1.0
Zinc	87	B	mg/Kg	0.20	2.2	1.0
Method: 7471A			Date Analyzed:	04/21/2009 1309		
Prep Method: 7471A			Date Prepared:	04/21/2009 1100		
Mercury	0.043		mg/Kg	0.0082	0.020	1.0
Method: 9014			Date Analyzed:	04/24/2009 1225		
Prep Method: 9010B			Date Prepared:	04/24/2009 0640		
Cyanide, Total	<0.51		mg/Kg	0.13	0.51	1.0
Method: 9045C			Date Analyzed:	04/29/2009 1157		
pH	7.15		SU	0.200	0.200	1.0
Method: Moisture			Date Analyzed:	04/19/2009 0137		
Percent Moisture	17		%	0.10	0.10	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25829-SB25 @ 1-2'
Lab Sample ID: 500-18309-11

Date Sampled: 04/16/2009 1150
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B		Date Analyzed:	04/27/2009 1445		
Prep Method: 5035		Date Prepared:	04/16/2009 1150		
Acetone	<0.19	mg/Kg	0.13	0.19	1.0
Benzene	<0.012	mg/Kg	0.0037	0.012	1.0
Bromodichloromethane	<0.097	mg/Kg	0.017	0.097	1.0
Bromoform	<0.097	mg/Kg	0.030	0.097	1.0
Bromomethane	<0.097	mg/Kg	0.026	0.097	1.0
Methyl Ethyl Ketone	<0.097	mg/Kg	0.064	0.097	1.0
Carbon disulfide	<0.097	mg/Kg	0.013	0.097	1.0
Carbon tetrachloride	<0.049	mg/Kg	0.021	0.049	1.0
Chlorobenzene	<0.049	mg/Kg	0.017	0.049	1.0
Chloroethane	<0.097	mg/Kg	0.026	0.097	1.0
Chloroform	<0.049	mg/Kg	0.013	0.049	1.0
Chloromethane	<0.097	mg/Kg	0.029	0.097	1.0
cis-1,2-Dichloroethene	<0.049	mg/Kg	0.020	0.049	1.0
cis-1,3-Dichloropropene	<0.049	mg/Kg	0.018	0.049	1.0
Dibromochloromethane	<0.097	mg/Kg	0.019	0.097	1.0
1,1-Dichloroethane	<0.049	mg/Kg	0.018	0.049	1.0
1,2-Dichloroethane	<0.049	mg/Kg	0.021	0.049	1.0
1,1-Dichloroethene	<0.049	mg/Kg	0.021	0.049	1.0
1,2-Dichloropropane	<0.049	mg/Kg	0.022	0.049	1.0
Ethylbenzene	0.025	mg/Kg	0.0053	0.012	1.0
2-Hexanone	<0.097	mg/Kg	0.033	0.097	1.0
Methylene Chloride	0.25	mg/Kg	0.017	0.097	1.0
methyl isobutyl ketone	<0.097	mg/Kg	0.030	0.097	1.0
Methyl tert-butyl ether	<0.097	mg/Kg	0.016	0.097	1.0
Styrene	<0.049	mg/Kg	0.014	0.049	1.0
1,1,2,2-Tetrachloroethane	<0.049	mg/Kg	0.025	0.049	1.0
Tetrachloroethene	<0.049	mg/Kg	0.013	0.049	1.0
Toluene	<0.012	mg/Kg	0.0080	0.012	1.0
trans-1,2-Dichloroethene	<0.049	mg/Kg	0.017	0.049	1.0
trans-1,3-Dichloropropene	<0.049	mg/Kg	0.015	0.049	1.0
1,1,1-Trichloroethane	<0.049	mg/Kg	0.022	0.049	1.0
1,1,2-Trichloroethane	<0.049	mg/Kg	0.030	0.049	1.0
Trichloroethene	<0.012	mg/Kg	0.0049	0.012	1.0
Vinyl chloride	<0.012	mg/Kg	0.0059	0.012	1.0
Xylenes, Total	0.062	mg/Kg	0.015	0.049	1.0
1,3-Dichloropropene, Total	<0.049	mg/Kg	0.018	0.049	1.0

Surrogate			Acceptance Limits
4-Bromofluorobenzene (Surr)	105	%	75 - 120

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25829-SB25 @ 1-2'
Lab Sample ID: 500-18309-11

Date Sampled: 04/16/2009 1150
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Dibromofluoromethane	94		%		75 - 120	
1,2-Dichloroethane-d4 (Surr)	87		%		70 - 125	
Toluene-d8 (Surr)	103		%		75 - 120	
Method: 8270C			Date Analyzed:		05/01/2009 0151	
Prep Method: 3541			Date Prepared:		04/22/2009 1620	
Acenaphthylene	0.70		mg/Kg	0.019	0.18	5.0
Bis(2-chloroethoxy)methane	<0.92		mg/Kg	0.11	0.92	5.0
Bis(2-chloroethyl)ether	<0.92		mg/Kg	0.12	0.92	5.0
Bis(2-ethylhexyl) phthalate	<0.92		mg/Kg	0.16	0.92	5.0
4-Bromophenyl phenyl ether	<0.92		mg/Kg	0.073	0.92	5.0
Butyl benzyl phthalate	<0.92		mg/Kg	0.081	0.92	5.0
Carbazole	0.78	J	mg/Kg	0.069	0.92	5.0
4-Chloroaniline	<3.7		mg/Kg	0.70	3.7	5.0
4-Chloro-3-methylphenol	<1.8		mg/Kg	0.45	1.8	5.0
2-Chloronaphthalene	<0.92		mg/Kg	0.084	0.92	5.0
2-Chlorophenol	<0.92		mg/Kg	0.16	0.92	5.0
4-Chlorophenyl phenyl ether	<0.92		mg/Kg	0.076	0.92	5.0
Dibenzofuran	0.78	J	mg/Kg	0.068	0.92	5.0
1,2-Dichlorobenzene	<0.92		mg/Kg	0.091	0.92	5.0
1,3-Dichlorobenzene	<0.92		mg/Kg	0.095	0.92	5.0
1,4-Dichlorobenzene	<0.92		mg/Kg	0.10	0.92	5.0
3,3'-Dichlorobenzidine	<0.92		mg/Kg	0.27	0.92	5.0
2,4-Dichlorophenol	<1.8		mg/Kg	0.20	1.8	5.0
Diethyl phthalate	<0.92		mg/Kg	0.094	0.92	5.0
2,4-Dimethylphenol	<1.8		mg/Kg	0.34	1.8	5.0
Dimethyl phthalate	<0.92		mg/Kg	0.070	0.92	5.0
Di-n-butyl phthalate	0.65	J	mg/Kg	0.073	0.92	5.0
4,6-Dinitro-2-methylphenol	<1.8		mg/Kg	0.22	1.8	5.0
2,4-Dinitrophenol	<3.7		mg/Kg	1.0	3.7	5.0
2,4-Dinitrotoluene	<0.92		mg/Kg	0.098	0.92	5.0
2,6-Dinitrotoluene	<0.92		mg/Kg	0.097	0.92	5.0
Di-n-octyl phthalate	<0.92		mg/Kg	0.083	0.92	5.0
Hexachlorobenzene	<0.37		mg/Kg	0.026	0.37	5.0
Hexachlorobutadiene	<0.92		mg/Kg	0.11	0.92	5.0
Hexachlorocyclopentadiene	<3.7		mg/Kg	0.62	3.7	5.0
Hexachloroethane	<0.92		mg/Kg	0.097	0.92	5.0
Isophorone	<0.92		mg/Kg	0.074	0.92	5.0
2-Methylnaphthalene	0.65	J	mg/Kg	0.10	0.92	5.0
2-Methylphenol	<0.92		mg/Kg	0.18	0.92	5.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25829-SB25 @ 1-2'
Lab Sample ID: 500-18309-11

Date Sampled: 04/16/2009 1150
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
3 & 4 Methylphenol	<0.92		mg/Kg	0.17	0.92	5.0
Naphthalene	0.42		mg/Kg	0.019	0.18	5.0
2-Nitroaniline	<0.92		mg/Kg	0.10	0.92	5.0
3-Nitroaniline	<1.8		mg/Kg	0.36	1.8	5.0
4-Nitroaniline	<1.8		mg/Kg	0.39	1.8	5.0
Nitrobenzene	<0.18		mg/Kg	0.034	0.18	5.0
2-Nitrophenol	<1.8		mg/Kg	0.22	1.8	5.0
4-Nitrophenol	<3.7		mg/Kg	0.32	3.7	5.0
N-Nitrosodi-n-propylamine	<0.92		mg/Kg	0.13	0.92	5.0
N-Nitrosodiphenylamine	<0.92	*	mg/Kg	0.054	0.92	5.0
2,2'-oxybis[1-chloropropane]	<0.92		mg/Kg	0.096	0.92	5.0
Pentachlorophenol	<3.7		mg/Kg	0.67	3.7	5.0
Phenol	<0.92		mg/Kg	0.16	0.92	5.0
1,2,4-Trichlorobenzene	<0.92		mg/Kg	0.090	0.92	5.0
2,4,5-Trichlorophenol	<1.8		mg/Kg	0.26	1.8	5.0
2,4,6-Trichlorophenol	<1.8		mg/Kg	0.18	1.8	5.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	85	%	33 - 114
2-Fluorophenol	58	%	25 - 111
Nitrobenzene-d5	66	%	21 - 116
Phenol-d5	58	%	31 - 110
Terphenyl-d14	81	%	48 - 146
2,4,6-Tribromophenol	70	%	32 - 138

Method: 8270C Run Type: DL Date Analyzed: 05/01/2009 1913
Prep Method: 3541 Date Prepared: 04/22/2009 1620

Acenaphthene	1.2	mg/Kg	0.12	0.91	25
Anthracene	2.0	mg/Kg	0.11	0.91	25
Benzo[a]anthracene	10	mg/Kg	0.12	0.91	25
Benzo[a]pyrene	11	mg/Kg	0.085	0.91	25
Benzo[b]fluoranthene	13	mg/Kg	0.20	0.91	25
Benzo[g,h,i]perylene	6.0	mg/Kg	0.16	0.91	25
Benzo[k]fluoranthene	6.5	mg/Kg	0.20	0.91	25
Chrysene	10	mg/Kg	0.14	0.91	25
Dibenz(a,h)anthracene	1.9	mg/Kg	0.11	0.91	25
Fluoranthene	16	mg/Kg	0.12	0.91	25
Fluorene	1.3	mg/Kg	0.096	0.91	25
Indeno[1,2,3-cd]pyrene	5.8	mg/Kg	0.12	0.91	25
Phenanthrene	8.3	mg/Kg	0.080	0.91	25
Pyrene	15	mg/Kg	0.11	0.91	25

Surrogate Acceptance Limits

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25829-SB25 @ 1-2'
Lab Sample ID: 500-18309-11

Date Sampled: 04/16/2009 1150
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2-Fluorobiphenyl	85		%		33 - 114	
2-Fluorophenol	41		%		25 - 111	
Nitrobenzene-d5	59		%		21 - 116	
Phenol-d5	60		%		31 - 110	
Terphenyl-d14	78		%		48 - 146	
2,4,6-Tribromophenol	90		%		32 - 138	
Method: 6010B			Date Analyzed:	04/25/2009 0525		
Prep Method: 3050B			Date Prepared:	04/22/2009 0901		
Aluminum	3800		mg/Kg	2.0	22	1.0
Antimony	1.7	J	mg/Kg	0.32	2.2	1.0
Arsenic	6.8		mg/Kg	0.32	1.1	1.0
Barium	52		mg/Kg	0.035	1.1	1.0
Beryllium	0.63		mg/Kg	0.011	0.44	1.0
Cadmium	1.9		mg/Kg	0.036	0.22	1.0
Calcium	49000	B	mg/Kg	0.94	11	1.0
Chromium	11	B	mg/Kg	0.096	1.1	1.0
Cobalt	3.6		mg/Kg	0.080	0.55	1.0
Copper	71		mg/Kg	0.50	1.1	1.0
Iron	26000	B	mg/Kg	2.2	11	1.0
Lead	120	B	mg/Kg	0.12	0.55	1.0
Magnesium	26000	B	mg/Kg	1.3	11	1.0
Manganese	340		mg/Kg	0.034	1.1	1.0
Nickel	15	B	mg/Kg	0.068	1.1	1.0
Potassium	600		mg/Kg	6.7	55	1.0
Selenium	<1.1		mg/Kg	0.42	1.1	1.0
Silver	0.19	J	mg/Kg	0.11	0.55	1.0
Sodium	430		mg/Kg	22	110	1.0
Thallium	<1.1		mg/Kg	0.36	1.1	1.0
Vanadium	14		mg/Kg	0.094	0.55	1.0
Zinc	640	B	mg/Kg	0.20	2.2	1.0
Method: 7471A			Date Analyzed:	04/21/2009 1310		
Prep Method: 7471A			Date Prepared:	04/21/2009 1100		
Mercury	0.15		mg/Kg	0.0077	0.019	1.0
Method: 9014			Date Analyzed:	04/24/2009 1225		
Prep Method: 9010B			Date Prepared:	04/24/2009 0640		
Cyanide, Total	0.14	J	mg/Kg	0.087	0.35	1.0
Method: 9045C			Date Analyzed:	04/29/2009 1158		
pH	7.83		SU	0.200	0.200	1.0
Method: Moisture			Date Analyzed:	04/19/2009 0137		

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25829-SB25 @ 1-2'
Lab Sample ID: 500-18309-11

Date Sampled: 04/16/2009 1150
Date Received: 04/17/2009 1030
Client Matrix: Solid

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Percent Moisture	13	%	0.10	0.10	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25830-SB23 @ 1-2'
Lab Sample ID: 500-18309-12

Date Sampled: 04/16/2009 1225
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 88

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B		Date Analyzed:	04/23/2009 1054		
Prep Method: 5035		Date Prepared:	04/16/2009 1225		
Chloromethane	<0.0030	mg/Kg	0.00095	0.0030	1.0
Vinyl chloride	<0.0030	mg/Kg	0.00083	0.0030	1.0
Bromomethane	<0.0030	mg/Kg	0.0013	0.0030	1.0
Chloroethane	<0.0030	mg/Kg	0.00071	0.0030	1.0
1,1-Dichloroethene	<0.0030	mg/Kg	0.00052	0.0030	1.0
Acetone	0.019	mg/Kg	0.0011	0.0030	1.0
Carbon disulfide	<0.0030	mg/Kg	0.00056	0.0030	1.0
Methylene Chloride	<0.0030	mg/Kg	0.00046	0.0030	1.0
trans-1,2-Dichloroethene	<0.0030	mg/Kg	0.00059	0.0030	1.0
Methyl tert-butyl ether	<0.0030	mg/Kg	0.00077	0.0030	1.0
1,1-Dichloroethane	<0.0030	mg/Kg	0.00057	0.0030	1.0
cis-1,2-Dichloroethene	<0.0030	mg/Kg	0.00057	0.0030	1.0
Methyl Ethyl Ketone	<0.0030	mg/Kg	0.0011	0.0030	1.0
Chloroform	<0.0030	mg/Kg	0.00058	0.0030	1.0
1,1,1-Trichloroethane	<0.0030	mg/Kg	0.00053	0.0030	1.0
Carbon tetrachloride	<0.0030	mg/Kg	0.00056	0.0030	1.0
Benzene	<0.0030	mg/Kg	0.00051	0.0030	1.0
1,2-Dichloroethane	<0.0030	mg/Kg	0.00065	0.0030	1.0
Trichloroethene	<0.0030	mg/Kg	0.00057	0.0030	1.0
1,2-Dichloropropane	<0.0030	mg/Kg	0.00056	0.0030	1.0
Bromodichloromethane	<0.0030	mg/Kg	0.00046	0.0030	1.0
cis-1,3-Dichloropropene	<0.0030	mg/Kg	0.00048	0.0030	1.0
methyl isobutyl ketone	<0.0030	mg/Kg	0.00089	0.0030	1.0
Toluene	<0.0030	mg/Kg	0.00052	0.0030	1.0
trans-1,3-Dichloropropene	<0.0030	mg/Kg	0.00057	0.0030	1.0
1,1,2-Trichloroethane	<0.0030	mg/Kg	0.0011	0.0030	1.0
Tetrachloroethene	<0.0030	mg/Kg	0.00048	0.0030	1.0
2-Hexanone	<0.0030	mg/Kg	0.00071	0.0030	1.0
Dibromochloromethane	<0.0030	mg/Kg	0.00049	0.0030	1.0
Chlorobenzene	<0.0030	mg/Kg	0.00040	0.0030	1.0
Ethylbenzene	<0.0030	mg/Kg	0.00042	0.0030	1.0
Xylenes, Total	<0.0059	mg/Kg	0.00089	0.0059	1.0
Styrene	<0.0030	mg/Kg	0.00045	0.0030	1.0
Bromoform	<0.0030	mg/Kg	0.00059	0.0030	1.0
1,1,2,2-Tetrachloroethane	<0.0030	mg/Kg	0.00071	0.0030	1.0
1,3-Dichloropropene, Total	<0.0030	mg/Kg	0.00057	0.0030	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122	%	75 - 140

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25830-SB23 @ 1-2'
Lab Sample ID: 500-18309-12

Date Sampled: 04/16/2009 1225
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 88

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Toluene-d8 (Surr)	114		%		75 - 130	
4-Bromofluorobenzene (Surr)	100		%		75 - 120	
Dibromofluoromethane	121		%		75 - 140	
Method: 8270C			Date Analyzed:	05/01/2009 1710		
Prep Method: 3541			Date Prepared:	04/22/2009 1620		
Acenaphthene	<0.037		mg/Kg	0.0047	0.037	1.0
Acenaphthylene	<0.037		mg/Kg	0.0039	0.037	1.0
Anthracene	0.017	J	mg/Kg	0.0043	0.037	1.0
Benzo[a]anthracene	0.10		mg/Kg	0.0047	0.037	1.0
Benzo[a]pyrene	0.12		mg/Kg	0.0035	0.037	1.0
Benzo[b]fluoranthene	0.16		mg/Kg	0.0081	0.037	1.0
Benzo[g,h,i]perylene	0.092		mg/Kg	0.0064	0.037	1.0
Benzo[k]fluoranthene	0.061		mg/Kg	0.0079	0.037	1.0
Bis(2-chloroethoxy)methane	<0.19		mg/Kg	0.023	0.19	1.0
Bis(2-chloroethyl)ether	<0.19		mg/Kg	0.024	0.19	1.0
Bis(2-ethylhexyl) phthalate	<0.19		mg/Kg	0.031	0.19	1.0
4-Bromophenyl phenyl ether	<0.19		mg/Kg	0.015	0.19	1.0
Butyl benzyl phthalate	<0.19		mg/Kg	0.016	0.19	1.0
Carbazole	<0.19		mg/Kg	0.014	0.19	1.0
4-Chloroaniline	<0.75		mg/Kg	0.14	0.75	1.0
4-Chloro-3-methylphenol	<0.37		mg/Kg	0.091	0.37	1.0
2-Chloronaphthalene	<0.19		mg/Kg	0.017	0.19	1.0
2-Chlorophenol	<0.19		mg/Kg	0.032	0.19	1.0
4-Chlorophenyl phenyl ether	<0.19		mg/Kg	0.015	0.19	1.0
Chrysene	0.11		mg/Kg	0.0058	0.037	1.0
Dibenz(a,h)anthracene	0.025	J	mg/Kg	0.0046	0.037	1.0
Dibenzofuran	<0.19		mg/Kg	0.014	0.19	1.0
1,2-Dichlorobenzene	<0.19		mg/Kg	0.018	0.19	1.0
1,3-Dichlorobenzene	<0.19		mg/Kg	0.019	0.19	1.0
1,4-Dichlorobenzene	<0.19		mg/Kg	0.020	0.19	1.0
3,3'-Dichlorobenzidine	<0.19		mg/Kg	0.054	0.19	1.0
2,4-Dichlorophenol	<0.37		mg/Kg	0.040	0.37	1.0
Diethyl phthalate	<0.19		mg/Kg	0.019	0.19	1.0
2,4-Dimethylphenol	<0.37		mg/Kg	0.068	0.37	1.0
Dimethyl phthalate	<0.19		mg/Kg	0.014	0.19	1.0
Di-n-butyl phthalate	<0.19		mg/Kg	0.015	0.19	1.0
4,6-Dinitro-2-methylphenol	<0.37		mg/Kg	0.045	0.37	1.0
2,4-Dinitrophenol	<0.75		mg/Kg	0.20	0.75	1.0
2,4-Dinitrotoluene	<0.19		mg/Kg	0.020	0.19	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25830-SB23 @ 1-2'
Lab Sample ID: 500-18309-12

Date Sampled: 04/16/2009 1225
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 88

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2,6-Dinitrotoluene	<0.19		mg/Kg	0.020	0.19	1.0
Di-n-octyl phthalate	<0.19		mg/Kg	0.017	0.19	1.0
Fluoranthene	0.18		mg/Kg	0.0048	0.037	1.0
Fluorene	<0.037		mg/Kg	0.0039	0.037	1.0
Hexachlorobenzene	<0.075		mg/Kg	0.0054	0.075	1.0
Hexachlorobutadiene	<0.19		mg/Kg	0.022	0.19	1.0
Hexachlorocyclopentadiene	<0.75		mg/Kg	0.13	0.75	1.0
Hexachloroethane	<0.19		mg/Kg	0.020	0.19	1.0
Indeno[1,2,3-cd]pyrene	0.084		mg/Kg	0.0048	0.037	1.0
Isophorone	<0.19		mg/Kg	0.015	0.19	1.0
2-Methylnaphthalene	<0.19		mg/Kg	0.021	0.19	1.0
2-Methylphenol	<0.19		mg/Kg	0.037	0.19	1.0
3 & 4 Methylphenol	<0.19		mg/Kg	0.034	0.19	1.0
Naphthalene	<0.037		mg/Kg	0.0038	0.037	1.0
2-Nitroaniline	<0.19		mg/Kg	0.020	0.19	1.0
3-Nitroaniline	<0.37		mg/Kg	0.073	0.37	1.0
4-Nitroaniline	<0.37		mg/Kg	0.080	0.37	1.0
Nitrobenzene	<0.037		mg/Kg	0.0068	0.037	1.0
2-Nitrophenol	<0.37		mg/Kg	0.045	0.37	1.0
4-Nitrophenol	<0.75		mg/Kg	0.065	0.75	1.0
N-Nitrosodi-n-propylamine	<0.19		mg/Kg	0.026	0.19	1.0
N-Nitrosodiphenylamine	<0.19	*	mg/Kg	0.011	0.19	1.0
2,2'-oxybis[1-chloropropane]	<0.19		mg/Kg	0.019	0.19	1.0
Pentachlorophenol	<0.75		mg/Kg	0.14	0.75	1.0
Phenanthrene	0.062		mg/Kg	0.0032	0.037	1.0
Phenol	<0.19		mg/Kg	0.033	0.19	1.0
Pyrene	0.17		mg/Kg	0.0043	0.037	1.0
1,2,4-Trichlorobenzene	<0.19		mg/Kg	0.018	0.19	1.0
2,4,5-Trichlorophenol	<0.37		mg/Kg	0.052	0.37	1.0
2,4,6-Trichlorophenol	<0.37		mg/Kg	0.037	0.37	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	83	%	33 - 114
2-Fluorophenol	74	%	25 - 111
Nitrobenzene-d5	76	%	21 - 116
Phenol-d5	76	%	31 - 110
Terphenyl-d14	93	%	48 - 146
2,4,6-Tribromophenol	111	%	32 - 138

Method: 6010B Date Analyzed: 04/25/2009 0532
Prep Method: 3050B Date Prepared: 04/22/2009 0901

Aluminum	3800	mg/Kg	1.8	20	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25830-SB23 @ 1-2'
Lab Sample ID: 500-18309-12

Date Sampled: 04/16/2009 1225
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 88

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Antimony	<2.0		mg/Kg	0.29	2.0	1.0
Arsenic	2.2		mg/Kg	0.29	1.0	1.0
Barium	73		mg/Kg	0.032	1.0	1.0
Beryllium	0.23	J	mg/Kg	0.010	0.40	1.0
Cadmium	0.15	J	mg/Kg	0.033	0.20	1.0
Calcium	5400	B	mg/Kg	0.86	10	1.0
Chromium	5.7	B	mg/Kg	0.088	1.0	1.0
Cobalt	3.2		mg/Kg	0.074	0.50	1.0
Copper	4.7		mg/Kg	0.45	1.0	1.0
Iron	5900	B	mg/Kg	2.0	10	1.0
Lead	21	B	mg/Kg	0.11	0.50	1.0
Magnesium	3300	B	mg/Kg	1.2	10	1.0
Manganese	550		mg/Kg	0.031	1.0	1.0
Nickel	5.3	B V	mg/Kg	0.063	1.0	1.0
Potassium	450		mg/Kg	6.2	50	1.0
Selenium	<1.0		mg/Kg	0.38	1.0	1.0
Silver	<0.50		mg/Kg	0.10	0.50	1.0
Sodium	150		mg/Kg	21	100	1.0
Thallium	<1.0		mg/Kg	0.33	1.0	1.0
Vanadium	11		mg/Kg	0.086	0.50	1.0
Zinc	27	B V	mg/Kg	0.18	2.0	1.0
Method: 7471A			Date Analyzed:	04/21/2009 1312		
Prep Method: 7471A			Date Prepared:	04/21/2009 1100		
Mercury	0.36		mg/Kg	0.0076	0.019	1.0
Method: 9014			Date Analyzed:	04/24/2009 1225		
Prep Method: 9010B			Date Prepared:	04/24/2009 0640		
Cyanide, Total	<0.43		mg/Kg	0.11	0.43	1.0
Method: 9045C			Date Analyzed:	04/29/2009 1200		
pH	8.45		SU	0.200	0.200	1.0
Method: Moisture			Date Analyzed:	04/19/2009 0137		
Percent Moisture	12		%	0.10	0.10	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25831-SB24 @ 1-2'
Lab Sample ID: 500-18309-13

Date Sampled: 04/16/2009 1240
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 90

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B		Date Analyzed:	04/23/2009 1343		
Prep Method: 5035		Date Prepared:	04/16/2009 1240		
Chloromethane	<0.0023	mg/Kg	0.00072	0.0023	1.0
Vinyl chloride	<0.0023	mg/Kg	0.00063	0.0023	1.0
Bromomethane	<0.0023	mg/Kg	0.00099	0.0023	1.0
Chloroethane	<0.0023	mg/Kg	0.00054	0.0023	1.0
1,1-Dichloroethene	<0.0023	mg/Kg	0.00040	0.0023	1.0
Acetone	0.021	mg/Kg	0.00086	0.0023	1.0
Carbon disulfide	<0.0023	mg/Kg	0.00042	0.0023	1.0
Methylene Chloride	<0.0023	mg/Kg	0.00035	0.0023	1.0
trans-1,2-Dichloroethene	<0.0023	mg/Kg	0.00045	0.0023	1.0
Methyl tert-butyl ether	<0.0023	mg/Kg	0.00059	0.0023	1.0
1,1-Dichloroethane	<0.0023	mg/Kg	0.00043	0.0023	1.0
cis-1,2-Dichloroethene	<0.0023	mg/Kg	0.00043	0.0023	1.0
Methyl Ethyl Ketone	<0.0023	mg/Kg	0.00081	0.0023	1.0
Chloroform	<0.0023	mg/Kg	0.00044	0.0023	1.0
1,1,1-Trichloroethane	<0.0023	mg/Kg	0.00040	0.0023	1.0
Carbon tetrachloride	<0.0023	mg/Kg	0.00042	0.0023	1.0
Benzene	<0.0023	mg/Kg	0.00038	0.0023	1.0
1,2-Dichloroethane	<0.0023	mg/Kg	0.00050	0.0023	1.0
Trichloroethene	<0.0023	mg/Kg	0.00043	0.0023	1.0
1,2-Dichloropropane	<0.0023	mg/Kg	0.00042	0.0023	1.0
Bromodichloromethane	<0.0023	mg/Kg	0.00035	0.0023	1.0
cis-1,3-Dichloropropene	<0.0023	mg/Kg	0.00036	0.0023	1.0
methyl isobutyl ketone	<0.0023	mg/Kg	0.00068	0.0023	1.0
Toluene	<0.0023	mg/Kg	0.00040	0.0023	1.0
trans-1,3-Dichloropropene	<0.0023	mg/Kg	0.00043	0.0023	1.0
1,1,2-Trichloroethane	<0.0023	mg/Kg	0.00081	0.0023	1.0
Tetrachloroethene	<0.0023	mg/Kg	0.00036	0.0023	1.0
2-Hexanone	<0.0023	mg/Kg	0.00054	0.0023	1.0
Dibromochloromethane	<0.0023	mg/Kg	0.00038	0.0023	1.0
Chlorobenzene	<0.0023	mg/Kg	0.00031	0.0023	1.0
Ethylbenzene	<0.0023	mg/Kg	0.00032	0.0023	1.0
Xylenes, Total	<0.0045	mg/Kg	0.00068	0.0045	1.0
Styrene	<0.0023	mg/Kg	0.00034	0.0023	1.0
Bromoform	<0.0023	mg/Kg	0.00045	0.0023	1.0
1,1,2,2-Tetrachloroethane	<0.0023	mg/Kg	0.00054	0.0023	1.0
1,3-Dichloropropene, Total	<0.0023	mg/Kg	0.00043	0.0023	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116	%	75 - 140

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25831-SB24 @ 1-2'
Lab Sample ID: 500-18309-13

Date Sampled: 04/16/2009 1240
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 90

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	115	%		75 - 130	
4-Bromofluorobenzene (Surr)	98	%		75 - 120	
Dibromofluoromethane	118	%		75 - 140	
Method: 8270C		Date Analyzed:	05/01/2009 0233		
Prep Method: 3541		Date Prepared:	04/22/2009 1620		
Acenaphthene	0.34	mg/Kg	0.0046	0.036	1.0
Acenaphthylene	0.27	mg/Kg	0.0038	0.036	1.0
Anthracene	1.0	mg/Kg	0.0042	0.036	1.0
Benzo[a]anthracene	2.2	mg/Kg	0.0046	0.036	1.0
Benzo[a]pyrene	1.7	mg/Kg	0.0034	0.036	1.0
Benzo[b]fluoranthene	1.8	mg/Kg	0.0079	0.036	1.0
Benzo[g,h,i]perylene	0.84	mg/Kg	0.0062	0.036	1.0
Benzo[k]fluoranthene	1.1	mg/Kg	0.0077	0.036	1.0
Bis(2-chloroethoxy)methane	<0.18	mg/Kg	0.022	0.18	1.0
Bis(2-chloroethyl)ether	<0.18	mg/Kg	0.024	0.18	1.0
Bis(2-ethylhexyl) phthalate	<0.18	mg/Kg	0.031	0.18	1.0
4-Bromophenyl phenyl ether	<0.18	mg/Kg	0.014	0.18	1.0
Butyl benzyl phthalate	<0.18	mg/Kg	0.016	0.18	1.0
Carbazole	0.40	mg/Kg	0.014	0.18	1.0
4-Chloroaniline	<0.73	mg/Kg	0.14	0.73	1.0
4-Chloro-3-methylphenol	<0.36	mg/Kg	0.088	0.36	1.0
2-Chloronaphthalene	<0.18	mg/Kg	0.016	0.18	1.0
2-Chlorophenol	<0.18	mg/Kg	0.031	0.18	1.0
4-Chlorophenyl phenyl ether	<0.18	mg/Kg	0.015	0.18	1.0
Chrysene	1.9	mg/Kg	0.0056	0.036	1.0
Dibenz(a,h)anthracene	0.39	mg/Kg	0.0044	0.036	1.0
Dibenzofuran	0.25	mg/Kg	0.013	0.18	1.0
1,2-Dichlorobenzene	<0.18	mg/Kg	0.018	0.18	1.0
1,3-Dichlorobenzene	<0.18	mg/Kg	0.019	0.18	1.0
1,4-Dichlorobenzene	<0.18	mg/Kg	0.020	0.18	1.0
3,3'-Dichlorobenzidine	<0.18	mg/Kg	0.053	0.18	1.0
2,4-Dichlorophenol	<0.36	mg/Kg	0.038	0.36	1.0
Diethyl phthalate	<0.18	mg/Kg	0.018	0.18	1.0
2,4-Dimethylphenol	<0.36	mg/Kg	0.066	0.36	1.0
Dimethyl phthalate	<0.18	mg/Kg	0.014	0.18	1.0
Di-n-butyl phthalate	<0.18	mg/Kg	0.014	0.18	1.0
4,6-Dinitro-2-methylphenol	<0.36	mg/Kg	0.044	0.36	1.0
2,4-Dinitrophenol	<0.73	mg/Kg	0.20	0.73	1.0
2,4-Dinitrotoluene	<0.18	mg/Kg	0.019	0.18	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25831-SB24 @ 1-2'
Lab Sample ID: 500-18309-13

Date Sampled: 04/16/2009 1240
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 90

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2,6-Dinitrotoluene	<0.18		mg/Kg	0.019	0.18	1.0
Di-n-octyl phthalate	<0.18		mg/Kg	0.016	0.18	1.0
Fluorene	0.45		mg/Kg	0.0038	0.036	1.0
Hexachlorobenzene	<0.073		mg/Kg	0.0052	0.073	1.0
Hexachlorobutadiene	<0.18		mg/Kg	0.021	0.18	1.0
Hexachlorocyclopentadiene	<0.73		mg/Kg	0.12	0.73	1.0
Hexachloroethane	<0.18		mg/Kg	0.019	0.18	1.0
Indeno[1,2,3-cd]pyrene	0.88		mg/Kg	0.0047	0.036	1.0
Isophorone	<0.18		mg/Kg	0.015	0.18	1.0
2-Methylnaphthalene	0.074	J	mg/Kg	0.020	0.18	1.0
2-Methylphenol	<0.18		mg/Kg	0.036	0.18	1.0
3 & 4 Methylphenol	<0.18		mg/Kg	0.033	0.18	1.0
Naphthalene	0.092		mg/Kg	0.0037	0.036	1.0
2-Nitroaniline	<0.18		mg/Kg	0.020	0.18	1.0
3-Nitroaniline	<0.36		mg/Kg	0.071	0.36	1.0
4-Nitroaniline	<0.36		mg/Kg	0.077	0.36	1.0
Nitrobenzene	<0.036		mg/Kg	0.0066	0.036	1.0
2-Nitrophenol	<0.36		mg/Kg	0.044	0.36	1.0
4-Nitrophenol	<0.73		mg/Kg	0.063	0.73	1.0
N-Nitrosodi-n-propylamine	<0.18		mg/Kg	0.025	0.18	1.0
N-Nitrosodiphenylamine	<0.18	*	mg/Kg	0.011	0.18	1.0
2,2'-oxybis[1-chloropropane]	<0.18		mg/Kg	0.019	0.18	1.0
Pentachlorophenol	<0.73		mg/Kg	0.13	0.73	1.0
Phenol	<0.18		mg/Kg	0.032	0.18	1.0
1,2,4-Trichlorobenzene	<0.18		mg/Kg	0.018	0.18	1.0
2,4,5-Trichlorophenol	<0.36		mg/Kg	0.050	0.36	1.0
2,4,6-Trichlorophenol	<0.36		mg/Kg	0.036	0.36	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	87	%	33 - 114
2-Fluorophenol	74	%	25 - 111
Nitrobenzene-d5	76	%	21 - 116
Phenol-d5	77	%	31 - 110
Terphenyl-d14	99	%	48 - 146
2,4,6-Tribromophenol	92	%	32 - 138

Method: 8270C Run Type: DL Date Analyzed: 05/01/2009 1934
Prep Method: 3541 Date Prepared: 04/22/2009 1620

Fluoranthene	5.2	mg/Kg	0.047	0.36	10
Phenanthrene	4.1	mg/Kg	0.031	0.36	10
Pyrene	4.4	mg/Kg	0.042	0.36	10

Surrogate			Acceptance Limits

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25831-SB24 @ 1-2'
Lab Sample ID: 500-18309-13

Date Sampled: 04/16/2009 1240
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 90

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2-Fluorobiphenyl	90		%		33 - 114	
2-Fluorophenol	75		%		25 - 111	
Nitrobenzene-d5	72		%		21 - 116	
Phenol-d5	75		%		31 - 110	
Terphenyl-d14	101		%		48 - 146	
2,4,6-Tribromophenol	117		%		32 - 138	
Method: 6010B			Date Analyzed:	04/25/2009 0622		
Prep Method: 3050B			Date Prepared:	04/22/2009 0903		
Aluminum	4000		mg/Kg	1.7	19	1.0
Antimony	0.34	J	mg/Kg	0.28	1.9	1.0
Arsenic	6.5		mg/Kg	0.28	0.95	1.0
Barium	62		mg/Kg	0.030	0.95	1.0
Beryllium	0.39		mg/Kg	0.0095	0.38	1.0
Cadmium	0.58		mg/Kg	0.031	0.19	1.0
Calcium	6800	B	mg/Kg	0.81	9.5	1.0
Chromium	7.1	B	mg/Kg	0.083	0.95	1.0
Cobalt	3.0		mg/Kg	0.069	0.47	1.0
Copper	10		mg/Kg	0.43	0.95	1.0
Iron	6700	B	mg/Kg	1.9	9.5	1.0
Lead	46	B	mg/Kg	0.10	0.47	1.0
Magnesium	2900	B	mg/Kg	1.1	9.5	1.0
Manganese	320		mg/Kg	0.029	0.95	1.0
Nickel	6.4	B	mg/Kg	0.059	0.95	1.0
Potassium	500		mg/Kg	5.8	47	1.0
Selenium	<0.95		mg/Kg	0.36	0.95	1.0
Silver	<0.47		mg/Kg	0.095	0.47	1.0
Sodium	460		mg/Kg	19	95	1.0
Thallium	<0.95		mg/Kg	0.31	0.95	1.0
Vanadium	13		mg/Kg	0.081	0.47	1.0
Zinc	77	B	mg/Kg	0.17	1.9	1.0
Method: 7471A			Date Analyzed:	04/21/2009 1325		
Prep Method: 7471A			Date Prepared:	04/21/2009 1100		
Mercury	0.13		mg/Kg	0.0075	0.019	1.0
Method: 9014			Date Analyzed:	04/24/2009 1226		
Prep Method: 9010B			Date Prepared:	04/24/2009 0640		
Cyanide, Total	<0.46		mg/Kg	0.12	0.46	1.0
Method: 9045C			Date Analyzed:	04/29/2009 1202		
pH	8.75		SU	0.200	0.200	1.0
Method: Moisture			Date Analyzed:	04/19/2009 0137		

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25831-SB24 @ 1-2'
Lab Sample ID: 500-18309-13

Date Sampled: 04/16/2009 1240
Date Received: 04/17/2009 1030
Client Matrix: Solid

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Percent Moisture	10	%	0.10	0.10	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25832-SB27 @ 0-2'
Lab Sample ID: 500-18309-14

Date Sampled: 04/16/2009 1255
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 96

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8260B		Date Analyzed:	04/23/2009 1409		
Prep Method: 5035		Date Prepared:	04/16/2009 1255		
Chloromethane	<0.0039	mg/Kg	0.0012	0.0039	1.0
Vinyl chloride	<0.0039	mg/Kg	0.0011	0.0039	1.0
Bromomethane	<0.0039	mg/Kg	0.0017	0.0039	1.0
Chloroethane	<0.0039	mg/Kg	0.00093	0.0039	1.0
1,1-Dichloroethene	<0.0039	mg/Kg	0.00068	0.0039	1.0
Acetone	0.0039	mg/Kg	0.0015	0.0039	1.0
Carbon disulfide	<0.0039	mg/Kg	0.00073	0.0039	1.0
Methylene Chloride	<0.0039	mg/Kg	0.00060	0.0039	1.0
trans-1,2-Dichloroethene	<0.0039	mg/Kg	0.00078	0.0039	1.0
Methyl tert-butyl ether	<0.0039	mg/Kg	0.0010	0.0039	1.0
1,1-Dichloroethane	<0.0039	mg/Kg	0.00074	0.0039	1.0
cis-1,2-Dichloroethene	<0.0039	mg/Kg	0.00074	0.0039	1.0
Methyl Ethyl Ketone	<0.0039	mg/Kg	0.0014	0.0039	1.0
Chloroform	<0.0039	mg/Kg	0.00076	0.0039	1.0
1,1,1-Trichloroethane	<0.0039	mg/Kg	0.00069	0.0039	1.0
Carbon tetrachloride	<0.0039	mg/Kg	0.00073	0.0039	1.0
Benzene	<0.0039	mg/Kg	0.00066	0.0039	1.0
1,2-Dichloroethane	<0.0039	mg/Kg	0.00085	0.0039	1.0
Trichloroethene	<0.0039	mg/Kg	0.00074	0.0039	1.0
1,2-Dichloropropane	<0.0039	mg/Kg	0.00073	0.0039	1.0
Bromodichloromethane	<0.0039	mg/Kg	0.00060	0.0039	1.0
cis-1,3-Dichloropropene	<0.0039	mg/Kg	0.00062	0.0039	1.0
methyl isobutyl ketone	<0.0039	mg/Kg	0.0012	0.0039	1.0
Toluene	<0.0039	mg/Kg	0.00068	0.0039	1.0
trans-1,3-Dichloropropene	<0.0039	mg/Kg	0.00074	0.0039	1.0
1,1,2-Trichloroethane	<0.0039	mg/Kg	0.0014	0.0039	1.0
Tetrachloroethene	<0.0039	mg/Kg	0.00062	0.0039	1.0
2-Hexanone	<0.0039	mg/Kg	0.00093	0.0039	1.0
Dibromochloromethane	<0.0039	mg/Kg	0.00064	0.0039	1.0
Chlorobenzene	<0.0039	mg/Kg	0.00053	0.0039	1.0
Ethylbenzene	<0.0039	mg/Kg	0.00055	0.0039	1.0
Xylenes, Total	<0.0078	mg/Kg	0.0012	0.0078	1.0
Styrene	<0.0039	mg/Kg	0.00058	0.0039	1.0
Bromoform	<0.0039	mg/Kg	0.00078	0.0039	1.0
1,1,2,2-Tetrachloroethane	<0.0039	mg/Kg	0.00093	0.0039	1.0
1,3-Dichloropropene, Total	<0.0039	mg/Kg	0.00074	0.0039	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117	%	75 - 140

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25832-SB27 @ 0-2'
Lab Sample ID: 500-18309-14

Date Sampled: 04/16/2009 1255
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 96

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Surrogate					Acceptance Limits	
Toluene-d8 (Surr)	118		%		75 - 130	
4-Bromofluorobenzene (Surr)	105		%		75 - 120	
Dibromofluoromethane	121		%		75 - 140	
Method: 8270C				Date Analyzed:	05/01/2009 1731	
Prep Method: 3541				Date Prepared:	04/22/2009 1620	
Acenaphthene	0.032	J	mg/Kg	0.0042	0.033	1.0
Acenaphthylene	0.070		mg/Kg	0.0035	0.033	1.0
Anthracene	0.11		mg/Kg	0.0039	0.033	1.0
Benzo[a]anthracene	0.35		mg/Kg	0.0042	0.033	1.0
Benzo[a]pyrene	0.41		mg/Kg	0.0031	0.033	1.0
Benzo[b]fluoranthene	0.48		mg/Kg	0.0073	0.033	1.0
Benzo[g,h,i]perylene	0.26		mg/Kg	0.0057	0.033	1.0
Benzo[k]fluoranthene	0.23		mg/Kg	0.0071	0.033	1.0
Bis(2-chloroethoxy)methane	<0.17		mg/Kg	0.020	0.17	1.0
Bis(2-chloroethyl)ether	<0.17		mg/Kg	0.022	0.17	1.0
Bis(2-ethylhexyl) phthalate	<0.17		mg/Kg	0.028	0.17	1.0
4-Bromophenyl phenyl ether	<0.17		mg/Kg	0.013	0.17	1.0
Butyl benzyl phthalate	<0.17		mg/Kg	0.015	0.17	1.0
Carbazole	0.042	J	mg/Kg	0.013	0.17	1.0
4-Chloroaniline	<0.67		mg/Kg	0.13	0.67	1.0
4-Chloro-3-methylphenol	<0.33		mg/Kg	0.081	0.33	1.0
2-Chloronaphthalene	<0.17		mg/Kg	0.015	0.17	1.0
2-Chlorophenol	<0.17		mg/Kg	0.029	0.17	1.0
4-Chlorophenyl phenyl ether	<0.17		mg/Kg	0.014	0.17	1.0
Chrysene	0.47		mg/Kg	0.0052	0.033	1.0
Dibenz(a,h)anthracene	0.068		mg/Kg	0.0041	0.033	1.0
Dibenzofuran	0.11	J	mg/Kg	0.012	0.17	1.0
1,2-Dichlorobenzene	<0.17		mg/Kg	0.016	0.17	1.0
1,3-Dichlorobenzene	<0.17		mg/Kg	0.017	0.17	1.0
1,4-Dichlorobenzene	<0.17		mg/Kg	0.018	0.17	1.0
3,3'-Dichlorobenzidine	<0.17		mg/Kg	0.049	0.17	1.0
2,4-Dichlorophenol	<0.33		mg/Kg	0.035	0.33	1.0
Diethyl phthalate	<0.17		mg/Kg	0.017	0.17	1.0
2,4-Dimethylphenol	<0.33		mg/Kg	0.061	0.33	1.0
Dimethyl phthalate	<0.17		mg/Kg	0.013	0.17	1.0
Di-n-butyl phthalate	0.023	J	mg/Kg	0.013	0.17	1.0
4,6-Dinitro-2-methylphenol	<0.33		mg/Kg	0.040	0.33	1.0
2,4-Dinitrophenol	<0.67		mg/Kg	0.18	0.67	1.0
2,4-Dinitrotoluene	<0.17		mg/Kg	0.018	0.17	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25832-SB27 @ 0-2'
Lab Sample ID: 500-18309-14

Date Sampled: 04/16/2009 1255
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 96

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
2,6-Dinitrotoluene	<0.17		mg/Kg	0.018	0.17	1.0
Di-n-octyl phthalate	<0.17		mg/Kg	0.015	0.17	1.0
Fluoranthene	0.68		mg/Kg	0.0043	0.033	1.0
Fluorene	0.049		mg/Kg	0.0035	0.033	1.0
Hexachlorobenzene	<0.067		mg/Kg	0.0048	0.067	1.0
Hexachlorobutadiene	<0.17		mg/Kg	0.019	0.17	1.0
Hexachlorocyclopentadiene	<0.67		mg/Kg	0.11	0.67	1.0
Hexachloroethane	<0.17		mg/Kg	0.018	0.17	1.0
Indeno[1,2,3-cd]pyrene	0.21		mg/Kg	0.0043	0.033	1.0
Isophorone	<0.17		mg/Kg	0.013	0.17	1.0
2-Methylnaphthalene	0.092	J	mg/Kg	0.019	0.17	1.0
2-Methylphenol	<0.17		mg/Kg	0.033	0.17	1.0
3 & 4 Methylphenol	<0.17		mg/Kg	0.031	0.17	1.0
Naphthalene	0.063		mg/Kg	0.0034	0.033	1.0
2-Nitroaniline	<0.17		mg/Kg	0.018	0.17	1.0
3-Nitroaniline	<0.33		mg/Kg	0.065	0.33	1.0
4-Nitroaniline	<0.33		mg/Kg	0.071	0.33	1.0
Nitrobenzene	<0.033		mg/Kg	0.0061	0.033	1.0
2-Nitrophenol	<0.33		mg/Kg	0.040	0.33	1.0
4-Nitrophenol	<0.67		mg/Kg	0.058	0.67	1.0
N-Nitrosodi-n-propylamine	<0.17		mg/Kg	0.023	0.17	1.0
N-Nitrosodiphenylamine	<0.17	*	mg/Kg	0.0099	0.17	1.0
2,2'-oxybis[1-chloropropane]	<0.17		mg/Kg	0.017	0.17	1.0
Pentachlorophenol	<0.67		mg/Kg	0.12	0.67	1.0
Phenanthrene	0.60		mg/Kg	0.0029	0.033	1.0
Phenol	<0.17		mg/Kg	0.029	0.17	1.0
Pyrene	0.63		mg/Kg	0.0039	0.033	1.0
1,2,4-Trichlorobenzene	<0.17		mg/Kg	0.016	0.17	1.0
2,4,5-Trichlorophenol	<0.33		mg/Kg	0.046	0.33	1.0
2,4,6-Trichlorophenol	<0.33		mg/Kg	0.033	0.33	1.0

Surrogate			Acceptance Limits
2-Fluorobiphenyl	82	%	33 - 114
2-Fluorophenol	69	%	25 - 111
Nitrobenzene-d5	72	%	21 - 116
Phenol-d5	72	%	31 - 110
Terphenyl-d14	83	%	48 - 146
2,4,6-Tribromophenol	97	%	32 - 138

Method: 6010B Date Analyzed: 04/25/2009 0628
Prep Method: 3050B Date Prepared: 04/22/2009 0903

Aluminum	1800	mg/Kg	1.6	18	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: 25832-SB27 @ 0-2'
Lab Sample ID: 500-18309-14

Date Sampled: 04/16/2009 1255
Date Received: 04/17/2009 1030
Client Matrix: Solid
Percent Solids: 96

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Antimony	<1.8		mg/Kg	0.26	1.8	1.0
Arsenic	16		mg/Kg	0.26	0.88	1.0
Barium	17		mg/Kg	0.028	0.88	1.0
Beryllium	0.18	J	mg/Kg	0.0088	0.35	1.0
Cadmium	0.33		mg/Kg	0.029	0.18	1.0
Calcium	37000	B	mg/Kg	0.75	8.8	1.0
Chromium	4.3	B	mg/Kg	0.077	0.88	1.0
Cobalt	1.6		mg/Kg	0.064	0.44	1.0
Copper	10		mg/Kg	0.40	0.88	1.0
Iron	4600	B	mg/Kg	1.8	8.8	1.0
Lead	460	B	mg/Kg	0.097	0.44	1.0
Magnesium	17000	B	mg/Kg	1.1	8.8	1.0
Manganese	140		mg/Kg	0.027	0.88	1.0
Nickel	4.3	B	mg/Kg	0.055	0.88	1.0
Potassium	310		mg/Kg	5.4	44	1.0
Selenium	<0.88		mg/Kg	0.33	0.88	1.0
Silver	<0.44		mg/Kg	0.088	0.44	1.0
Sodium	190		mg/Kg	18	88	1.0
Thallium	<0.88		mg/Kg	0.29	0.88	1.0
Vanadium	9.0		mg/Kg	0.075	0.44	1.0
Zinc	39	B	mg/Kg	0.16	1.8	1.0
Method: 7471A			Date Analyzed:	04/21/2009 1327		
Prep Method: 7471A			Date Prepared:	04/21/2009 1100		
Mercury	0.049		mg/Kg	0.0070	0.017	1.0
Method: 9014			Date Analyzed:	04/24/2009 1226		
Prep Method: 9010B			Date Prepared:	04/24/2009 0640		
Cyanide, Total	<0.35		mg/Kg	0.087	0.35	1.0
Method: 9045C			Date Analyzed:	04/29/2009 1203		
pH	8.76		SU	0.200	0.200	1.0
Method: Moisture			Date Analyzed:	04/19/2009 0137		
Percent Moisture	4.1		%	0.10	0.10	1.0

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: TRIP BLANK
Lab Sample ID: 500-18309-15

Date Sampled: 04/16/2009 0000
Date Received: 04/17/2009 1030
Client Matrix: Water

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8260B			Date Analyzed:	04/27/2009 1750		
Prep Method: 5030B			Date Prepared:	04/27/2009 1750		
Chloromethane	<0.0010		mg/L	0.00033	0.0010	1.0
Vinyl chloride	<0.0010		mg/L	0.00023	0.0010	1.0
Bromomethane	<0.0010		mg/L	0.00044	0.0010	1.0
Chloroethane	<0.0010		mg/L	0.00045	0.0010	1.0
1,1-Dichloroethene	<0.0010		mg/L	0.00022	0.0010	1.0
Carbon disulfide	<0.0050		mg/L	0.00039	0.0050	1.0
Acetone	<0.0050		mg/L	0.0012	0.0050	1.0
Methylene Chloride	<0.0020		mg/L	0.00099	0.0020	1.0
trans-1,2-Dichloroethene	<0.0010		mg/L	0.00017	0.0010	1.0
Methyl tert-butyl ether	<0.0010		mg/L	0.00016	0.0010	1.0
1,1-Dichloroethane	<0.0010	*	mg/L	0.00018	0.0010	1.0
cis-1,2-Dichloroethene	<0.0010		mg/L	0.00021	0.0010	1.0
Methyl Ethyl Ketone	<0.0050		mg/L	0.00083	0.0050	1.0
Chloroform	<0.0010		mg/L	0.00013	0.0010	1.0
1,1,1-Trichloroethane	<0.0010		mg/L	0.00023	0.0010	1.0
Carbon tetrachloride	<0.0010		mg/L	0.00021	0.0010	1.0
Benzene	<0.0010		mg/L	0.00016	0.0010	1.0
1,2-Dichloroethane	<0.0010	*	mg/L	0.00022	0.0010	1.0
Trichloroethene	<0.0010		mg/L	0.00020	0.0010	1.0
1,2-Dichloropropane	<0.0010		mg/L	0.00023	0.0010	1.0
Bromodichloromethane	<0.0010		mg/L	0.00018	0.0010	1.0
cis-1,3-Dichloropropene	<0.0010		mg/L	0.00016	0.0010	1.0
methyl isobutyl ketone	<0.0050		mg/L	0.00058	0.0050	1.0
Toluene	<0.0010		mg/L	0.00016	0.0010	1.0
trans-1,3-Dichloropropene	<0.0010		mg/L	0.00013	0.0010	1.0
1,1,2-Trichloroethane	<0.0010		mg/L	0.00032	0.0010	1.0
Tetrachloroethene	<0.0010		mg/L	0.00014	0.0010	1.0
2-Hexanone	<0.0050		mg/L	0.00077	0.0050	1.0
Dibromochloromethane	<0.0010		mg/L	0.00019	0.0010	1.0
Chlorobenzene	<0.0010		mg/L	0.00017	0.0010	1.0
Ethylbenzene	<0.0010		mg/L	0.00017	0.0010	1.0
Styrene	<0.0010		mg/L	0.00015	0.0010	1.0
Bromoform	<0.0010		mg/L	0.00030	0.0010	1.0
1,1,2,2-Tetrachloroethane	<0.0010		mg/L	0.00025	0.0010	1.0
Xylenes, Total	<0.0020		mg/L	0.00033	0.0020	1.0
1,3-Dichloropropene, Total	<0.0010		mg/L	0.00016	0.0010	1.0

Surrogate			Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	80	%	70 - 125

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Job Number: 500-18309-1
Sdg Number: 500-18309-1

Client Sample ID: TRIP BLANK
Lab Sample ID: 500-18309-15

Date Sampled: 04/16/2009 0000
Date Received: 04/17/2009 1030
Client Matrix: Water

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Surrogate				Acceptance Limits	
Toluene-d8 (Surr)	102	%		75 - 120	
4-Bromofluorobenzene (Surr)	102	%		75 - 120	
Dibromofluoromethane	99	%		75 - 120	

DATA REPORTING QUALIFIERS

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Lab Section	Qualifier	Description
GC/MS VOA		
	*	LCS or LCSD exceeds the control limits
	F	MS or MSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	F	RPD of the MS and MSD exceeds the control limits
GC/MS Semi VOA		
	*	LCS or LCSD exceeds the control limits
	F	MS or MSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	F	RPD of the MS and MSD exceeds the control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
Metals		
	B	Compound was found in the blank and sample.
	F	Duplicate RPD exceeds the control limit
	F	MS or MSD exceeds the control limits
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	F	RPD of the MS and MSD exceeds the control limits
	V	Serial Dilution exceeds the control limits

DATA REPORTING QUALIFIERS

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Lab Section	Qualifier	Description
General Chemistry		
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

QUALITY CONTROL RESULTS

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 500-61891					
500-18309-1	25819-SB16 @ 1'-2'	T	Solid	5035	
500-18309-2	25820-SB15 @ 1'-2'	T	Solid	5035	
500-18309-4	25822-SB17 @ 1'-2' DUP	T	Solid	5035	
500-18309-5	25823-SB19 @ 1.5'-2.5'	T	Solid	5035	
500-18309-6	25824-SB20 @ 2'-3'	T	Solid	5035	
500-18309-7	25825-SB22 @ 3'-4'	T	Solid	5035	
500-18309-8	25826-SB18 @ .5'-1.5'	T	Solid	5035	
500-18309-9	25827-SB21 @ 1.5'-2.5'	T	Solid	5035	
500-18309-12	25830-SB23 @ 1-2'	T	Solid	5035	
500-18309-12MS	Matrix Spike	T	Solid	5035	
500-18309-12MSD	Matrix Spike Duplicate	T	Solid	5035	
500-18309-13	25831-SB24 @ 1-2'	T	Solid	5035	
500-18309-14	25832-SB27 @ 0-2'	T	Solid	5035	
Prep Batch: 500-61892					
500-18309-3	25821-SB17 @ 1'-2'	T	Solid	5035	
500-18309-4DL	25822-SB17 @ 1'-2' DUP	T	Solid	5035	
500-18309-10	25828-SB26 @ .5'-1.5'	T	Solid	5035	
500-18309-11	25829-SB25 @ 1-2'	T	Solid	5035	
Analysis Batch:500-62196					
LCS 500-62196/6	Lab Control Sample	T	Solid	8260B	
MB 500-62196/5	Method Blank	T	Solid	8260B	
500-18309-1	25819-SB16 @ 1'-2'	T	Solid	8260B	500-61891
500-18309-2	25820-SB15 @ 1'-2'	T	Solid	8260B	500-61891
500-18309-4	25822-SB17 @ 1'-2' DUP	T	Solid	8260B	500-61891
500-18309-5	25823-SB19 @ 1.5'-2.5'	T	Solid	8260B	500-61891
500-18309-6	25824-SB20 @ 2'-3'	T	Solid	8260B	500-61891
500-18309-7	25825-SB22 @ 3'-4'	T	Solid	8260B	500-61891
500-18309-8	25826-SB18 @ .5'-1.5'	T	Solid	8260B	500-61891
Analysis Batch:500-62324					
LCS 500-62324/6	Lab Control Sample	T	Solid	8260B	
MB 500-62324/5	Method Blank	T	Solid	8260B	
500-18309-9	25827-SB21 @ 1.5'-2.5'	T	Solid	8260B	500-61891
500-18309-12	25830-SB23 @ 1-2'	T	Solid	8260B	500-61891
500-18309-12MS	Matrix Spike	T	Solid	8260B	500-61891
500-18309-12MSD	Matrix Spike Duplicate	T	Solid	8260B	500-61891
500-18309-13	25831-SB24 @ 1-2'	T	Solid	8260B	500-61891
500-18309-14	25832-SB27 @ 0-2'	T	Solid	8260B	500-61891
Analysis Batch:500-62461					
500-18309-15	TRIP BLANK	T	Water	8260B	

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:500-62504					
LCS 500-62504/5	Lab Control Sample	T	Solid	8260B	
MB 500-62504/4	Method Blank	T	Solid	8260B	
500-18309-3	25821-SB17 @ 1'-2'	T	Solid	8260B	500-61892
500-18309-10	25828-SB26 @ .5'-1.5'	T	Solid	8260B	500-61892
500-18309-11	25829-SB25 @ 1-2'	T	Solid	8260B	500-61892
Analysis Batch:500-62736					
LCS 500-62736/4	Lab Control Sample	T	Solid	8260B	
LCSD 500-62736/5	Lab Control Sample Duplicate	T	Solid	8260B	
MB 500-62736/3	Method Blank	T	Solid	8260B	
500-18309-4DL	25822-SB17 @ 1'-2' DUP	T	Solid	8260B	500-61892

Report Basis
T = Total

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 500-62165					
LCS 500-62165/2-A	Lab Control Sample	T	Solid	3541	
MB 500-62165/1-A	Method Blank	T	Solid	3541	
500-18309-1	25819-SB16 @ 1'-2'	T	Solid	3541	
500-18309-2	25820-SB15 @ 1'-2'	T	Solid	3541	
500-18309-3	25821-SB17 @ 1'-2'	T	Solid	3541	
500-18309-3DL	25821-SB17 @ 1'-2'	T	Solid	3541	
500-18309-4	25822-SB17 @ 1'-2' DUP	T	Solid	3541	
500-18309-5	25823-SB19 @ 1.5'-2.5'	T	Solid	3541	
500-18309-5DL	25823-SB19 @ 1.5'-2.5'	T	Solid	3541	
500-18309-6	25824-SB20 @ 2'-3'	T	Solid	3541	
500-18309-6DL	25824-SB20 @ 2'-3'	T	Solid	3541	
500-18309-7	25825-SB22 @ 3'-4'	T	Solid	3541	
500-18309-8	25826-SB18 @ .5'-1.5'	T	Solid	3541	
500-18309-9	25827-SB21 @ 1.5'-2.5'	T	Solid	3541	
500-18309-9DL	25827-SB21 @ 1.5'-2.5'	T	Solid	3541	
500-18309-10	25828-SB26 @ .5'-1.5'	T	Solid	3541	
500-18309-11	25829-SB25 @ 1-2'	T	Solid	3541	
500-18309-11DL	25829-SB25 @ 1-2'	T	Solid	3541	
500-18309-12	25830-SB23 @ 1-2'	T	Solid	3541	
500-18309-12MS	Matrix Spike	T	Solid	3541	
500-18309-12MSD	Matrix Spike Duplicate	T	Solid	3541	
500-18309-13	25831-SB24 @ 1-2'	T	Solid	3541	
500-18309-13DL	25831-SB24 @ 1-2'	T	Solid	3541	
500-18309-14	25832-SB27 @ 0-2'	T	Solid	3541	
Analysis Batch:500-62801					
LCS 500-62165/2-A	Lab Control Sample	T	Solid	8270C	500-62165
MB 500-62165/1-A	Method Blank	T	Solid	8270C	500-62165
Analysis Batch:500-62854					
500-18309-2	25820-SB15 @ 1'-2'	T	Solid	8270C	500-62165
500-18309-3DL	25821-SB17 @ 1'-2'	T	Solid	8270C	500-62165
500-18309-4	25822-SB17 @ 1'-2' DUP	T	Solid	8270C	500-62165
500-18309-5DL	25823-SB19 @ 1.5'-2.5'	T	Solid	8270C	500-62165
500-18309-6DL	25824-SB20 @ 2'-3'	T	Solid	8270C	500-62165
500-18309-7	25825-SB22 @ 3'-4'	T	Solid	8270C	500-62165
500-18309-8	25826-SB18 @ .5'-1.5'	T	Solid	8270C	500-62165
500-18309-9DL	25827-SB21 @ 1.5'-2.5'	T	Solid	8270C	500-62165
500-18309-10	25828-SB26 @ .5'-1.5'	T	Solid	8270C	500-62165
500-18309-11DL	25829-SB25 @ 1-2'	T	Solid	8270C	500-62165
500-18309-12	25830-SB23 @ 1-2'	T	Solid	8270C	500-62165
500-18309-12MS	Matrix Spike	T	Solid	8270C	500-62165
500-18309-12MSD	Matrix Spike Duplicate	T	Solid	8270C	500-62165
500-18309-13DL	25831-SB24 @ 1-2'	T	Solid	8270C	500-62165
500-18309-14	25832-SB27 @ 0-2'	T	Solid	8270C	500-62165

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:500-62871					
500-18309-1	25819-SB16 @ 1'-2'	T	Solid	8270C	500-62165
500-18309-3	25821-SB17 @ 1'-2'	T	Solid	8270C	500-62165
500-18309-5	25823-SB19 @ 1.5'-2.5'	T	Solid	8270C	500-62165
500-18309-6	25824-SB20 @ 2'-3'	T	Solid	8270C	500-62165
500-18309-9	25827-SB21 @ 1.5'-2.5'	T	Solid	8270C	500-62165
500-18309-11	25829-SB25 @ 1-2'	T	Solid	8270C	500-62165
500-18309-13	25831-SB24 @ 1-2'	T	Solid	8270C	500-62165

Report Basis
T = Total

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 500-62049					
LCS 500-62049/2-A	Lab Control Sample	T	Solid	7471A	
MB 500-62049/1-A	Method Blank	T	Solid	7471A	
500-18309-1	25819-SB16 @ 1'-2'	T	Solid	7471A	
500-18309-2	25820-SB15 @ 1'-2'	T	Solid	7471A	
500-18309-3	25821-SB17 @ 1'-2'	T	Solid	7471A	
500-18309-4	25822-SB17 @ 1'-2' DUP	T	Solid	7471A	
500-18309-5	25823-SB19 @ 1.5'-2.5'	T	Solid	7471A	
500-18309-6	25824-SB20 @ 2'-3'	T	Solid	7471A	
500-18309-7	25825-SB22 @ 3'-4'	T	Solid	7471A	
500-18309-8	25826-SB18 @ .5'-1.5'	T	Solid	7471A	
500-18309-9	25827-SB21 @ 1.5'-2.5'	T	Solid	7471A	
500-18309-10	25828-SB26 @ .5'-1.5'	T	Solid	7471A	
500-18309-11	25829-SB25 @ 1-2'	T	Solid	7471A	
500-18309-12	25830-SB23 @ 1-2'	T	Solid	7471A	
500-18309-12DU	Duplicate	T	Solid	7471A	
500-18309-12MS	Matrix Spike	T	Solid	7471A	
500-18309-12MSD	Matrix Spike Duplicate	T	Solid	7471A	
500-18309-13	25831-SB24 @ 1-2'	T	Solid	7471A	
500-18309-14	25832-SB27 @ 0-2'	T	Solid	7471A	
Analysis Batch:500-62054					
LCS 500-62049/2-A	Lab Control Sample	T	Solid	7471A	500-62049
MB 500-62049/1-A	Method Blank	T	Solid	7471A	500-62049
500-18309-1	25819-SB16 @ 1'-2'	T	Solid	7471A	500-62049
500-18309-2	25820-SB15 @ 1'-2'	T	Solid	7471A	500-62049
500-18309-3	25821-SB17 @ 1'-2'	T	Solid	7471A	500-62049
500-18309-4	25822-SB17 @ 1'-2' DUP	T	Solid	7471A	500-62049
500-18309-5	25823-SB19 @ 1.5'-2.5'	T	Solid	7471A	500-62049
500-18309-6	25824-SB20 @ 2'-3'	T	Solid	7471A	500-62049
500-18309-7	25825-SB22 @ 3'-4'	T	Solid	7471A	500-62049
500-18309-8	25826-SB18 @ .5'-1.5'	T	Solid	7471A	500-62049
500-18309-9	25827-SB21 @ 1.5'-2.5'	T	Solid	7471A	500-62049
500-18309-10	25828-SB26 @ .5'-1.5'	T	Solid	7471A	500-62049
500-18309-11	25829-SB25 @ 1-2'	T	Solid	7471A	500-62049
500-18309-12	25830-SB23 @ 1-2'	T	Solid	7471A	500-62049
500-18309-12DU	Duplicate	T	Solid	7471A	500-62049
500-18309-12MS	Matrix Spike	T	Solid	7471A	500-62049
500-18309-12MSD	Matrix Spike Duplicate	T	Solid	7471A	500-62049
500-18309-13	25831-SB24 @ 1-2'	T	Solid	7471A	500-62049
500-18309-14	25832-SB27 @ 0-2'	T	Solid	7471A	500-62049

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 500-62103					
LCS 500-62103/2-A	Lab Control Sample	T	Solid	3050B	
MB 500-62103/1-A	Method Blank	T	Solid	3050B	
500-18309-1	25819-SB16 @ 1'-2'	T	Solid	3050B	
500-18309-2	25820-SB15 @ 1'-2'	T	Solid	3050B	
500-18309-3	25821-SB17 @ 1'-2'	T	Solid	3050B	
500-18309-4	25822-SB17 @ 1'-2' DUP	T	Solid	3050B	
500-18309-5	25823-SB19 @ 1.5'-2.5'	T	Solid	3050B	
500-18309-6	25824-SB20 @ 2'-3'	T	Solid	3050B	
500-18309-7	25825-SB22 @ 3'-4'	T	Solid	3050B	
500-18309-8	25826-SB18 @ .5'-1.5'	T	Solid	3050B	
500-18309-9	25827-SB21 @ 1.5'-2.5'	T	Solid	3050B	
500-18309-10	25828-SB26 @ .5'-1.5'	T	Solid	3050B	
500-18309-11	25829-SB25 @ 1-2'	T	Solid	3050B	
500-18309-12	25830-SB23 @ 1-2'	T	Solid	3050B	
500-18309-12DU	Duplicate	T	Solid	3050B	
500-18309-12MS	Matrix Spike	T	Solid	3050B	
500-18309-12MSD	Matrix Spike Duplicate	T	Solid	3050B	
500-18309-13	25831-SB24 @ 1-2'	T	Solid	3050B	
500-18309-14	25832-SB27 @ 0-2'	T	Solid	3050B	
Analysis Batch:500-62393					
LCS 500-62103/2-A	Lab Control Sample	T	Solid	6010B	500-62103
MB 500-62103/1-A	Method Blank	T	Solid	6010B	500-62103
500-18309-1	25819-SB16 @ 1'-2'	T	Solid	6010B	500-62103
500-18309-2	25820-SB15 @ 1'-2'	T	Solid	6010B	500-62103
500-18309-3	25821-SB17 @ 1'-2'	T	Solid	6010B	500-62103
500-18309-4	25822-SB17 @ 1'-2' DUP	T	Solid	6010B	500-62103
500-18309-5	25823-SB19 @ 1.5'-2.5'	T	Solid	6010B	500-62103
500-18309-6	25824-SB20 @ 2'-3'	T	Solid	6010B	500-62103
500-18309-7	25825-SB22 @ 3'-4'	T	Solid	6010B	500-62103
500-18309-8	25826-SB18 @ .5'-1.5'	T	Solid	6010B	500-62103
500-18309-9	25827-SB21 @ 1.5'-2.5'	T	Solid	6010B	500-62103
500-18309-10	25828-SB26 @ .5'-1.5'	T	Solid	6010B	500-62103
500-18309-11	25829-SB25 @ 1-2'	T	Solid	6010B	500-62103
500-18309-12	25830-SB23 @ 1-2'	T	Solid	6010B	500-62103
500-18309-12DU	Duplicate	T	Solid	6010B	500-62103
500-18309-12MS	Matrix Spike	T	Solid	6010B	500-62103
500-18309-12MSD	Matrix Spike Duplicate	T	Solid	6010B	500-62103
500-18309-13	25831-SB24 @ 1-2'	T	Solid	6010B	500-62103
500-18309-14	25832-SB27 @ 0-2'	T	Solid	6010B	500-62103
Analysis Batch:500-62433					
500-18309-3	25821-SB17 @ 1'-2'	T	Solid	6010B	500-62103
500-18309-8	25826-SB18 @ .5'-1.5'	T	Solid	6010B	500-62103

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch

Report Basis
T = Total

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:500-61908					
500-18309-1	25819-SB16 @ 1'-2'	T	Solid	Moisture	
500-18309-2	25820-SB15 @ 1'-2'	T	Solid	Moisture	
500-18309-3	25821-SB17 @ 1'-2'	T	Solid	Moisture	
500-18309-4	25822-SB17 @ 1'-2' DUP	T	Solid	Moisture	
500-18309-5	25823-SB19 @ 1.5'-2.5'	T	Solid	Moisture	
500-18309-6	25824-SB20 @ 2'-3'	T	Solid	Moisture	
500-18309-7	25825-SB22 @ 3'-4'	T	Solid	Moisture	
500-18309-8	25826-SB18 @ .5'-1.5'	T	Solid	Moisture	
500-18309-9	25827-SB21 @ 1.5'-2.5'	T	Solid	Moisture	
500-18309-10	25828-SB26 @ .5'-1.5'	T	Solid	Moisture	
500-18309-11	25829-SB25 @ 1-2'	T	Solid	Moisture	
500-18309-12	25830-SB23 @ 1-2'	T	Solid	Moisture	
500-18309-12DU	Duplicate	T	Solid	Moisture	
500-18309-12MS	Matrix Spike	T	Solid	Moisture	
500-18309-12MSD	Matrix Spike Duplicate	T	Solid	Moisture	
500-18309-13	25831-SB24 @ 1-2'	T	Solid	Moisture	
500-18309-14	25832-SB27 @ 0-2'	T	Solid	Moisture	
Prep Batch: 500-62283					
HLCS 500-62283/25-A	High Level Control Sample	T	Solid	9010B	
LCS 500-62283/2-A	Lab Control Sample	T	Solid	9010B	
LLCS 500-62283/26-A	Low Level Control Sample	T	Solid	9010B	
MB 500-62283/1-A	Method Blank	T	Solid	9010B	
500-18309-1	25819-SB16 @ 1'-2'	T	Solid	9010B	
500-18309-2	25820-SB15 @ 1'-2'	T	Solid	9010B	
500-18309-3	25821-SB17 @ 1'-2'	T	Solid	9010B	
500-18309-4	25822-SB17 @ 1'-2' DUP	T	Solid	9010B	
500-18309-5	25823-SB19 @ 1.5'-2.5'	T	Solid	9010B	
500-18309-6	25824-SB20 @ 2'-3'	T	Solid	9010B	
500-18309-7	25825-SB22 @ 3'-4'	T	Solid	9010B	
500-18309-8	25826-SB18 @ .5'-1.5'	T	Solid	9010B	
500-18309-9	25827-SB21 @ 1.5'-2.5'	T	Solid	9010B	
500-18309-10	25828-SB26 @ .5'-1.5'	T	Solid	9010B	
500-18309-11	25829-SB25 @ 1-2'	T	Solid	9010B	
500-18309-12	25830-SB23 @ 1-2'	T	Solid	9010B	
500-18309-12MS	Matrix Spike	T	Solid	9010B	
500-18309-12MSD	Matrix Spike Duplicate	T	Solid	9010B	
500-18309-13	25831-SB24 @ 1-2'	T	Solid	9010B	
500-18309-14	25832-SB27 @ 0-2'	T	Solid	9010B	

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:500-62369					
HLCS 500-62283/25-A	High Level Control Sample	T	Solid	9014	500-62283
LCS 500-62283/2-A	Lab Control Sample	T	Solid	9014	500-62283
LLCS 500-62283/26-A	Low Level Control Sample	T	Solid	9014	500-62283
MB 500-62283/1-A	Method Blank	T	Solid	9014	500-62283
500-18309-1	25819-SB16 @ 1'-2'	T	Solid	9014	500-62283
500-18309-2	25820-SB15 @ 1'-2'	T	Solid	9014	500-62283
500-18309-3	25821-SB17 @ 1'-2'	T	Solid	9014	500-62283
500-18309-4	25822-SB17 @ 1'-2' DUP	T	Solid	9014	500-62283
500-18309-5	25823-SB19 @ 1.5'-2.5'	T	Solid	9014	500-62283
500-18309-6	25824-SB20 @ 2'-3'	T	Solid	9014	500-62283
500-18309-7	25825-SB22 @ 3'-4'	T	Solid	9014	500-62283
500-18309-8	25826-SB18 @ .5'-1.5'	T	Solid	9014	500-62283
500-18309-9	25827-SB21 @ 1.5'-2.5'	T	Solid	9014	500-62283
500-18309-10	25828-SB26 @ .5'-1.5'	T	Solid	9014	500-62283
500-18309-11	25829-SB25 @ 1-2'	T	Solid	9014	500-62283
500-18309-12	25830-SB23 @ 1-2'	T	Solid	9014	500-62283
500-18309-12MS	Matrix Spike	T	Solid	9014	500-62283
500-18309-12MSD	Matrix Spike Duplicate	T	Solid	9014	500-62283
500-18309-13	25831-SB24 @ 1-2'	T	Solid	9014	500-62283
500-18309-14	25832-SB27 @ 0-2'	T	Solid	9014	500-62283
Analysis Batch:500-62610					
500-18309-1	25819-SB16 @ 1'-2'	T	Solid	9045C	
500-18309-1DU	Duplicate	T	Solid	9045C	
500-18309-2	25820-SB15 @ 1'-2'	T	Solid	9045C	
500-18309-3	25821-SB17 @ 1'-2'	T	Solid	9045C	
500-18309-4	25822-SB17 @ 1'-2' DUP	T	Solid	9045C	
500-18309-5	25823-SB19 @ 1.5'-2.5'	T	Solid	9045C	
500-18309-6	25824-SB20 @ 2'-3'	T	Solid	9045C	
500-18309-7	25825-SB22 @ 3'-4'	T	Solid	9045C	
500-18309-8	25826-SB18 @ .5'-1.5'	T	Solid	9045C	
500-18309-9	25827-SB21 @ 1.5'-2.5'	T	Solid	9045C	
500-18309-10	25828-SB26 @ .5'-1.5'	T	Solid	9045C	
500-18309-11	25829-SB25 @ 1-2'	T	Solid	9045C	
500-18309-12	25830-SB23 @ 1-2'	T	Solid	9045C	
500-18309-12DU	Duplicate	T	Solid	9045C	
500-18309-13	25831-SB24 @ 1-2'	T	Solid	9045C	
500-18309-14	25832-SB27 @ 0-2'	T	Solid	9045C	

Report Basis
T = Total

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	12DCE %Rec	TOL %Rec	BFB %Rec	DBFM %Rec
500-18309-1	25819-SB16 @ 1'-2'	127	119	101	139
500-18309-2	25820-SB15 @ 1'-2'	133	112	99	140
500-18309-4	25822-SB17 @ 1'-2' DUP	139	111	98	140
500-18309-5	25823-SB19 @ 1.5'-2.5'	123	114	97	132
500-18309-6	25824-SB20 @ 2'-3'	127	116	104	136
500-18309-7	25825-SB22 @ 3'-4'	129	114	98	137
500-18309-8	25826-SB18 @ .5'-1.5'	128	116	107	139
500-18309-9	25827-SB21 @ 1.5'-2.5'	117	116	106	120
500-18309-12	25830-SB23 @ 1-2'	122	114	100	121
500-18309-13	25831-SB24 @ 1-2'	116	115	98	118
500-18309-14	25832-SB27 @ 0-2'	117	118	105	121
MB 500-62196/5		126	126	111	133
MB 500-62324/5		106	107	98	110
LCS 500-62196/6		108	114	112	115
LCS 500-62324/6		95	112	104	104
500-18309-12 MS	25830-SB23 @ 1-2' MS	117	122	102	116
500-18309-12 MSD	25830-SB23 @ 1-2' MSD	109	117	106	112

Surrogate	Acceptance Limits
12DCE = 1,2-Dichloroethane-d4 (Surr)	75-140
TOL = Toluene-d8 (Surr)	75-130
BFB = 4-Bromofluorobenzene (Surr)	75-120
DBFM = Dibromofluoromethane	75-140

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	12DCE %Rec	TOL %Rec	BFB %Rec	DBFM %Rec
MB 500-62504/4		84	101	97	99
MB 500-62736/3		106	100	92	112
LCS 500-62504/5		84	102	97	97
LCS 500-62736/4		106	99	106	107
LCSD 500-62736/5		106	99	107	118

Surrogate	Acceptance Limits
12DCE = 1,2-Dichloroethane-d4 (Surr)	70-125
TOL = Toluene-d8 (Surr)	75-120
BFB = 4-Bromofluorobenzene (Surr)	75-120
DBFM = Dibromofluoromethane	75-120

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	12DCE %Rec	TOL %Rec
500-18309-3	25821-SB17 @ 1'-2'	99	95	85	101
500-18309-4 DL	25822-SB17 @ 1'-2' DUP DL	94	107	108	100
500-18309-10	25828-SB26 @ .5'-1.5'	99	92	82	105
500-18309-11	25829-SB25 @ 1-2'	105	94	87	103

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene (Surr)	75-120
DBFM = Dibromofluoromethane	75-120
12DCE = 1,2-Dichloroethane-d4 (Surr)	70-125
TOL = Toluene-d8 (Surr)	75-120

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	12DCE %Rec	TOL %Rec	BFB %Rec	DBFM %Rec
500-18309-15	TRIP BLANK	80	102	102	99

Surrogate	Acceptance Limits
12DCE = 1,2-Dichloroethane-d4 (Surr)	70-125
TOL = Toluene-d8 (Surr)	75-120
BFB = 4-Bromofluorobenzene (Surr)	75-120
DBFM = Dibromofluoromethane	75-120

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Surrogate Recovery Report

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	FBP %Rec	2FP %Rec	NBZ %Rec	PHL %Rec	TPH %Rec	TBP %Rec
500-18309-1	25819-SB16 @ 1'-2'	88	66	76	73	91	80
500-18309-2	25820-SB15 @ 1'-2'	75	63	67	66	80	101
500-18309-3	25821-SB17 @ 1'-2'	92	76	83	82	95	102
500-18309-3 DL	25821-SB17 @ 1'-2' DL	96	76	84	78	92	107
500-18309-4	25822-SB17 @ 1'-2' DUP	90	77	80	82	104	120
500-18309-5	25823-SB19 @ 1.5'-2.5'	88	69	78	78	95	93
500-18309-5 DL	25823-SB19 @ 1.5'-2.5' DL	82	63	68	68	90	97
500-18309-6	25824-SB20 @ 2'-3'	80	56	66	57	76	58
500-18309-6 DL	25824-SB20 @ 2'-3' DL	92	54	71	75	98	97
500-18309-7	25825-SB22 @ 3'-4'	89	69	76	73	91	97
500-18309-8	25826-SB18 @ .5'-1.5'	97	72	77	73	91	100
500-18309-9	25827-SB21 @ 1.5'-2.5'	108	58	83	79	118	91
500-18309-9 DL	25827-SB21 @ 1.5'-2.5' DL	0D	0D	0D	0D	0D	0D
500-18309-10	25828-SB26 @ .5'-1.5'	85	68	70	74	95	113
500-18309-11	25829-SB25 @ 1-2'	85	58	66	58	81	70
500-18309-11 DL	25829-SB25 @ 1-2' DL	85	41	59	60	78	90
500-18309-12	25830-SB23 @ 1-2'	83	74	76	76	93	111
500-18309-13	25831-SB24 @ 1-2'	87	74	76	77	99	92
500-18309-13 DL	25831-SB24 @ 1-2' DL	90	75	72	75	101	117
500-18309-14	25832-SB27 @ 0-2'	82	69	72	72	83	97
MB 500-62165/1-A		92	80	87	82	88	91
LCS 500-62165/2-A		97	84	91	83	92	99

Surrogate	Acceptance Limits
FBP = 2-Fluorobiphenyl	33-114
2FP = 2-Fluorophenol	25-111
NBZ = Nitrobenzene-d5	21-116
PHL = Phenol-d5	31-110
TPH = Terphenyl-d14	48-146
TBP = 2,4,6-Tribromophenol	32-138

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Surrogate Recovery Report

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	FBP %Rec	2FP %Rec	NBZ %Rec	PHL %Rec	TPH %Rec	TBP %Rec
500-18309-12 MS	25830-SB23 @ 1-2' MS	79	66	68	64	80	75
500-18309-12 MSD	25830-SB23 @ 1-2' MSD	111	84	88	78	108	88

Surrogate	Acceptance Limits
FBP = 2-Fluorobiphenyl	33-114
2FP = 2-Fluorophenol	25-111
NBZ = Nitrobenzene-d5	21-116
PHL = Phenol-d5	31-110
TPH = Terphenyl-d14	48-146
TBP = 2,4,6-Tribromophenol	32-138

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-61891

Method: 8260B
Preparation: 5035

MS Lab Sample ID: 500-18309-12
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/23/2009 1158
Date Prepared: 04/16/2009 1225

Analysis Batch: 500-62324
Prep Batch: 500-61891

Instrument ID: Agilent 6890N GC - 5973I
Lab File ID: 18309-12S.D
Initial Weight/Volume: 9.5968 g
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 500-18309-12
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/23/2009 1224
Date Prepared: 04/16/2009 1225

Analysis Batch: 500-62324
Prep Batch: 500-61891

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 18309-12T.D
Initial Weight/Volume: 12.1157 g
Final Weight/Volume: 5 mL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	107	74	36 - 143	58	30		F
Vinyl chloride	131	95	49 - 133	54	30		F
Bromomethane	62	54	51 - 154	38	30		F
Chloroethane	42	42	42 - 155	24	30		
1,1-Dichloroethene	81	72	58 - 127	35	30		F
Acetone	102	8	24 - 147	81	30		F
Carbon disulfide	64	54	33 - 140	40	30		F
Methylene Chloride	103	84	66 - 124	42	30		F
trans-1,2-Dichloroethene	96	80	70 - 120	42	30		F
Methyl tert-butyl ether	111	98	66 - 122	35	30		F
1,1-Dichloroethane	78	67	70 - 120	38	30		F
cis-1,2-Dichloroethene	92	78	79 - 120	39	30		F
Methyl Ethyl Ketone	145	101	50 - 120	58	30	F	F
Chloroform	89	77	76 - 120	38	30		F
1,1,1-Trichloroethane	90	77	70 - 120	38	30		F
Carbon tetrachloride	93	77	63 - 120	42	30		F
Benzene	90	75	76 - 120	41	30		F
1,2-Dichloroethane	101	83	74 - 120	42	30		F
Trichloroethene	98	81	74 - 120	42	30		F
1,2-Dichloropropane	96	81	75 - 120	39	30		F
Bromodichloromethane	99	84	80 - 120	39	30		F
cis-1,3-Dichloropropene	91	75	69 - 120	42	30		F
methyl isobutyl ketone	144	103	65 - 126	55	30	F	F
Toluene	101	81	78 - 120	45	30		F
trans-1,3-Dichloropropene	96	77	70 - 120	45	30		F
1,1,2-Trichloroethane	117	95	77 - 120	44	30		F
Tetrachloroethene	101	77	70 - 120	49	30		F
2-Hexanone	137	92	58 - 120	61	30	F	F
Dibromochloromethane	99	80	72 - 120	44	30		F

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-61891

Method: 8260B
Preparation: 5035

MS Lab Sample ID: 500-18309-12
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/23/2009 1158
Date Prepared: 04/16/2009 1225

Analysis Batch: 500-62324
Prep Batch: 500-61891

Instrument ID: Agilent 6890N GC - 5973I
Lab File ID: 18309-12S.D
Initial Weight/Volume: 9.5968 g
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 500-18309-12
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/23/2009 1224
Date Prepared: 04/16/2009 1225

Analysis Batch: 500-62324
Prep Batch: 500-61891

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 18309-12T.D
Initial Weight/Volume: 12.1157 g
Final Weight/Volume: 5 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chlorobenzene	96	76	76 - 120	46	30		F
Ethylbenzene	101	77	78 - 120	49	30		F
Xylenes, Total	99	77	77 - 120	47	30		F
Styrene	92	72	82 - 120	47	30		F
Bromoform	100	77	57 - 120	48	30		F
1,1,2,2-Tetrachloroethane	145	99	73 - 120	59	30	F	F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117	109	75 - 140
Toluene-d8 (Surr)	122	117	75 - 130
4-Bromofluorobenzene (Surr)	102	106	75 - 120
Dibromofluoromethane	116	112	75 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Method Blank - Batch: 500-62196

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 500-62196/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/22/2009 0926
Date Prepared: N/A

Analysis Batch: 500-62196
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 16M0422.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Bromomethane	<0.0050		0.0022	0.0050
Acetone	<0.0050		0.0019	0.0050
Carbon disulfide	<0.0050		0.00094	0.0050
Chloroethane	<0.0050		0.0012	0.0050
Chloromethane	<0.0050		0.0016	0.0050
Methyl Ethyl Ketone	<0.0050		0.0018	0.0050
Chloroform	<0.0050		0.00098	0.0050
cis-1,2-Dichloroethene	<0.0050		0.00096	0.0050
Carbon tetrachloride	<0.0050		0.00094	0.0050
Benzene	<0.0050		0.00085	0.0050
1,1-Dichloroethane	<0.0050		0.00096	0.0050
1,2-Dichloroethane	<0.0050		0.0011	0.0050
1,1-Dichloroethene	<0.0050		0.00088	0.0050
Bromodichloromethane	<0.0050		0.00078	0.0050
1,2-Dichloropropane	<0.0050		0.00094	0.0050
cis-1,3-Dichloropropene	<0.0050		0.00080	0.0050
Methylene Chloride	<0.0050		0.00078	0.0050
methyl isobutyl ketone	<0.0050		0.0015	0.0050
Methyl tert-butyl ether	<0.0050		0.0013	0.0050
2-Hexanone	<0.0050		0.0012	0.0050
Dibromochloromethane	<0.0050		0.00083	0.0050
Chlorobenzene	<0.0050		0.00068	0.0050
Ethylbenzene	<0.0050		0.00071	0.0050
Tetrachloroethene	<0.0050		0.00080	0.0050
Toluene	<0.0050		0.00088	0.0050
Styrene	<0.0050		0.00075	0.0050
trans-1,2-Dichloroethene	<0.0050		0.0010	0.0050
Bromoform	<0.0050		0.0010	0.0050
trans-1,3-Dichloropropene	<0.0050		0.00096	0.0050
1,1,1-Trichloroethane	<0.0050		0.00089	0.0050
1,1,2,2-Tetrachloroethane	<0.0050		0.0012	0.0050
1,1,2-Trichloroethane	<0.0050		0.0018	0.0050
Trichloroethene	<0.0050		0.00096	0.0050
Vinyl chloride	<0.0050		0.0014	0.0050
Xylenes, Total	<0.010		0.0015	0.010
1,3-Dichloropropene, Total	<0.0050		0.00096	0.0050

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	126	75 - 140
Toluene-d8 (Surr)	126	75 - 130
4-Bromofluorobenzene (Surr)	111	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane	133	75 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Lab Control Sample - Batch: 500-62196

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 500-62196/6
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/22/2009 0952
Date Prepared: N/A

Analysis Batch: 500-62196
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 16S0422.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Bromomethane	0.0500	0.0483	97	51 - 154	
Acetone	0.0500	0.0333	67	24 - 147	
Carbon disulfide	0.0500	0.0440	88	33 - 140	
Chloroethane	0.0500	0.0510	102	42 - 155	
Chloromethane	0.0500	0.0568	114	36 - 143	
Methyl Ethyl Ketone	0.0500	0.0471	94	50 - 120	
Chloroform	0.0500	0.0467	93	76 - 120	
cis-1,2-Dichloroethene	0.0500	0.0465	93	79 - 120	
Carbon tetrachloride	0.0500	0.0437	87	63 - 120	
Benzene	0.0500	0.0443	89	76 - 120	
1,1-Dichloroethane	0.0500	0.0434	87	70 - 120	
1,2-Dichloroethane	0.0500	0.0466	93	74 - 120	
1,1-Dichloroethene	0.0500	0.0496	99	58 - 127	
Bromodichloromethane	0.0500	0.0474	95	80 - 120	
1,2-Dichloropropane	0.0500	0.0468	94	75 - 120	
cis-1,3-Dichloropropene	0.0538	0.0451	84	69 - 120	
Methylene Chloride	0.0500	0.0540	108	66 - 124	
methyl isobutyl ketone	0.0500	0.0423	85	65 - 126	
Methyl tert-butyl ether	0.0500	0.0562	112	66 - 122	
2-Hexanone	0.0500	0.0423	85	58 - 120	
Dibromochloromethane	0.0500	0.0420	84	72 - 120	
Chlorobenzene	0.0500	0.0469	94	76 - 120	
Ethylbenzene	0.0500	0.0484	97	78 - 120	
Tetrachloroethene	0.0500	0.0436	87	70 - 120	
Toluene	0.0500	0.0454	91	78 - 120	
Styrene	0.0500	0.0490	98	82 - 120	
trans-1,2-Dichloroethene	0.0500	0.0516	103	70 - 120	
Bromoform	0.0500	0.0384	77	57 - 120	
trans-1,3-Dichloropropene	0.0486	0.0408	84	70 - 120	
1,1,1-Trichloroethane	0.0500	0.0473	95	70 - 120	
1,1,2,2-Tetrachloroethane	0.0500	0.0466	93	73 - 120	
1,1,2-Trichloroethane	0.0500	0.0484	97	77 - 120	
Trichloroethene	0.0500	0.0444	89	74 - 120	
Vinyl chloride	0.0500	0.0698	140	49 - 133	*
Xylenes, Total	0.150	0.147	98	77 - 120	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	75 - 140
Toluene-d8 (Surr)	114	75 - 130
4-Bromofluorobenzene (Surr)	112	75 - 120
Dibromofluoromethane	115	75 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Method Blank - Batch: 500-62324

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 500-62324/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/23/2009 1001
Date Prepared: N/A

Analysis Batch: 500-62324
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 16M0423A.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Bromomethane	<0.0050		0.0022	0.0050
Acetone	<0.0050		0.0019	0.0050
Carbon disulfide	<0.0050		0.00094	0.0050
Chloroethane	<0.0050		0.0012	0.0050
Chloromethane	<0.0050		0.0016	0.0050
Methyl Ethyl Ketone	<0.0050		0.0018	0.0050
Chloroform	<0.0050		0.00098	0.0050
cis-1,2-Dichloroethene	<0.0050		0.00096	0.0050
Carbon tetrachloride	<0.0050		0.00094	0.0050
Benzene	<0.0050		0.00085	0.0050
1,1-Dichloroethane	<0.0050		0.00096	0.0050
1,2-Dichloroethane	<0.0050		0.0011	0.0050
1,1-Dichloroethene	<0.0050		0.00088	0.0050
Bromodichloromethane	<0.0050		0.00078	0.0050
1,2-Dichloropropane	<0.0050		0.00094	0.0050
cis-1,3-Dichloropropene	<0.0050		0.00080	0.0050
Methylene Chloride	<0.0050		0.00078	0.0050
methyl isobutyl ketone	<0.0050		0.0015	0.0050
Methyl tert-butyl ether	<0.0050		0.0013	0.0050
2-Hexanone	<0.0050		0.0012	0.0050
Dibromochloromethane	<0.0050		0.00083	0.0050
Chlorobenzene	<0.0050		0.00068	0.0050
Ethylbenzene	<0.0050		0.00071	0.0050
Tetrachloroethene	<0.0050		0.00080	0.0050
Toluene	<0.0050		0.00088	0.0050
Styrene	<0.0050		0.00075	0.0050
trans-1,2-Dichloroethene	<0.0050		0.0010	0.0050
Bromoform	<0.0050		0.0010	0.0050
trans-1,3-Dichloropropene	<0.0050		0.00096	0.0050
1,1,1-Trichloroethane	<0.0050		0.00089	0.0050
1,1,2,2-Tetrachloroethane	<0.0050		0.0012	0.0050
1,1,2-Trichloroethane	<0.0050		0.0018	0.0050
Trichloroethene	<0.0050		0.00096	0.0050
Vinyl chloride	<0.0050		0.0014	0.0050
Xylenes, Total	<0.010		0.0015	0.010
1,3-Dichloropropene, Total	<0.0050		0.00096	0.0050

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106	75 - 140
Toluene-d8 (Surr)	107	75 - 130
4-Bromofluorobenzene (Surr)	98	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane	110	75 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Lab Control Sample - Batch: 500-62324

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 500-62324/6
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/23/2009 1120
Date Prepared: N/A

Analysis Batch: 500-62324
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 16S0423B.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Bromomethane	0.0500	0.0383	77	51 - 154	
Acetone	0.0500	0.0222	44	24 - 147	
Carbon disulfide	0.0500	0.0319	64	33 - 140	
Chloroethane	0.0500	0.0389	78	42 - 155	
Chloromethane	0.0500	0.0411	82	36 - 143	
Methyl Ethyl Ketone	0.0500	0.0373	75	50 - 120	
Chloroform	0.0500	0.0426	85	76 - 120	
cis-1,2-Dichloroethene	0.0500	0.0437	87	79 - 120	
Carbon tetrachloride	0.0500	0.0461	92	63 - 120	
Benzene	0.0500	0.0419	84	76 - 120	
1,1-Dichloroethane	0.0500	0.0373	75	70 - 120	
1,2-Dichloroethane	0.0500	0.0424	85	74 - 120	
1,1-Dichloroethene	0.0500	0.0408	82	58 - 127	
Bromodichloromethane	0.0500	0.0468	94	80 - 120	
1,2-Dichloropropane	0.0500	0.0445	89	75 - 120	
cis-1,3-Dichloropropene	0.0538	0.0448	83	69 - 120	
Methylene Chloride	0.0500	0.0477	95	66 - 124	
methyl isobutyl ketone	0.0500	0.0404	81	65 - 126	
Methyl tert-butyl ether	0.0500	0.0471	94	66 - 122	
2-Hexanone	0.0500	0.0382	76	58 - 120	
Dibromochloromethane	0.0500	0.0436	87	72 - 120	
Chlorobenzene	0.0500	0.0467	93	76 - 120	
Ethylbenzene	0.0500	0.0481	96	78 - 120	
Tetrachloroethene	0.0500	0.0459	92	70 - 120	
Toluene	0.0500	0.0470	94	78 - 120	
Styrene	0.0500	0.0474	95	82 - 120	
trans-1,2-Dichloroethene	0.0500	0.0455	91	70 - 120	
Bromoform	0.0500	0.0408	82	57 - 120	
trans-1,3-Dichloropropene	0.0486	0.0407	84	70 - 120	
1,1,1-Trichloroethane	0.0500	0.0437	87	70 - 120	
1,1,2,2-Tetrachloroethane	0.0500	0.0446	89	73 - 120	
1,1,2-Trichloroethane	0.0500	0.0461	92	77 - 120	
Trichloroethene	0.0500	0.0468	94	74 - 120	
Vinyl chloride	0.0500	0.0545	109	49 - 133	
Xylenes, Total	0.150	0.143	96	77 - 120	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	75 - 140
Toluene-d8 (Surr)	112	75 - 130
4-Bromofluorobenzene (Surr)	104	75 - 120
Dibromofluoromethane	104	75 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Method Blank - Batch: 500-62504

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 500-62504/4
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/27/2009 1108
Date Prepared: N/A

Analysis Batch: 500-62504
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 6M0427A.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Bromomethane	<0.0010		0.00027	0.0010
Acetone	<0.0020		0.0013	0.0020
Carbon disulfide	<0.0010		0.00013	0.0010
Chloroethane	<0.0010		0.00027	0.0010
Chloromethane	<0.0010		0.00030	0.0010
Methyl Ethyl Ketone	<0.0010		0.00066	0.0010
Chloroform	<0.00050		0.00013	0.00050
cis-1,2-Dichloroethene	<0.00050		0.00020	0.00050
Carbon tetrachloride	<0.00050		0.00021	0.00050
Benzene	<0.00012		0.000038	0.00012
1,1-Dichloroethane	<0.00050		0.00018	0.00050
1,2-Dichloroethane	<0.00050		0.00022	0.00050
1,1-Dichloroethene	<0.00050		0.00022	0.00050
Bromodichloromethane	<0.0010		0.00018	0.0010
1,2-Dichloropropane	<0.00050		0.00023	0.00050
cis-1,3-Dichloropropene	<0.00050		0.00018	0.00050
Methylene Chloride	<0.0010		0.00018	0.0010
methyl isobutyl ketone	<0.0010		0.00031	0.0010
Methyl tert-butyl ether	<0.0010		0.00016	0.0010
2-Hexanone	<0.0010		0.00034	0.0010
Dibromochloromethane	<0.0010		0.00019	0.0010
Chlorobenzene	<0.00050		0.00017	0.00050
Ethylbenzene	<0.00012		0.000055	0.00012
Tetrachloroethene	<0.00050		0.00014	0.00050
Toluene	<0.00012		0.000082	0.00012
Styrene	<0.00050		0.00015	0.00050
trans-1,2-Dichloroethene	<0.00050		0.00017	0.00050
Bromoform	<0.0010		0.00030	0.0010
trans-1,3-Dichloropropene	<0.00050		0.00015	0.00050
1,1,1-Trichloroethane	<0.00050		0.00023	0.00050
1,1,2,2-Tetrachloroethane	<0.00050		0.00025	0.00050
1,1,2-Trichloroethane	<0.00050		0.00031	0.00050
Trichloroethene	<0.00012		0.000050	0.00012
Vinyl chloride	<0.00012		0.000060	0.00012
Xylenes, Total	<0.00050		0.00015	0.00050
1,3-Dichloropropene, Total	<0.00050		0.00018	0.00050

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84	70 - 125
Toluene-d8 (Surr)	101	75 - 120
4-Bromofluorobenzene (Surr)	97	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane	99	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Lab Control Sample - Batch: 500-62504

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 500-62504/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/27/2009 1015
Date Prepared: N/A

Analysis Batch: 500-62504
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 6S0427.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Bromomethane	0.0500	0.0527	105	55 - 169	
Acetone	0.0500	0.0301	60	34 - 135	
Carbon disulfide	0.0500	0.0198	40	26 - 125	
Chloroethane	0.0500	0.0409	82	58 - 148	
Chloromethane	0.0500	0.0374	75	44 - 157	
Methyl Ethyl Ketone	0.0500	0.0346	69	26 - 132	
Chloroform	0.0500	0.0396	79	68 - 121	
cis-1,2-Dichloroethene	0.0500	0.0439	88	70 - 123	
Carbon tetrachloride	0.0500	0.0379	76	56 - 132	
Benzene	0.0500	0.0376	75	69 - 120	
1,1-Dichloroethane	0.0500	0.0339	68	63 - 120	
1,2-Dichloroethane	0.0500	0.0338	68	59 - 125	
1,1-Dichloroethene	0.0500	0.0314	63	47 - 124	
Bromodichloromethane	0.0500	0.0427	85	69 - 131	
1,2-Dichloropropane	0.0500	0.0409	82	73 - 120	
cis-1,3-Dichloropropene	0.0538	0.0432	80	61 - 120	
Methylene Chloride	0.0500	0.0409	82	58 - 125	
methyl isobutyl ketone	0.0500	0.0383	77	45 - 140	
Methyl tert-butyl ether	0.0500	0.0439	88	44 - 137	
2-Hexanone	0.0500	0.0409	82	37 - 139	
Dibromochloromethane	0.0500	0.0394	79	66 - 123	
Chlorobenzene	0.0500	0.0426	85	76 - 120	
Ethylbenzene	0.0500	0.0466	93	77 - 120	
Tetrachloroethene	0.0500	0.0385	77	65 - 121	
Toluene	0.0500	0.0412	82	73 - 122	
Styrene	0.0500	0.0439	88	78 - 120	
trans-1,2-Dichloroethene	0.0500	0.0375	75	62 - 120	
Bromoform	0.0500	0.0397	79	59 - 120	
trans-1,3-Dichloropropene	0.0486	0.0365	75	60 - 120	
1,1,1-Trichloroethane	0.0500	0.0394	79	63 - 128	
1,1,2,2-Tetrachloroethane	0.0500	0.0482	96	62 - 122	
1,1,2-Trichloroethane	0.0500	0.0530	106	68 - 127	
Trichloroethene	0.0500	0.0381	76	70 - 120	
Vinyl chloride	0.0500	0.0537	107	60 - 140	
Xylenes, Total	0.150	0.125	83	75 - 125	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84	70 - 125
Toluene-d8 (Surr)	102	75 - 120
4-Bromofluorobenzene (Surr)	97	75 - 120
Dibromofluoromethane	97	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Method Blank - Batch: 500-62736

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 500-62736/3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/29/2009 1353
Date Prepared: N/A

Analysis Batch: 500-62736
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 2M0429.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Bromomethane	<0.0020		0.00055	0.0020
Acetone	<0.0040		0.0026	0.0040
Carbon disulfide	<0.0020		0.00026	0.0020
Chloroethane	<0.0020		0.00054	0.0020
Chloromethane	<0.0020		0.00060	0.0020
Methyl Ethyl Ketone	<0.0020		0.0013	0.0020
Chloroform	<0.0010		0.00027	0.0010
cis-1,2-Dichloroethene	<0.0010		0.00041	0.0010
Carbon tetrachloride	<0.0010		0.00043	0.0010
Benzene	<0.00025		0.000076	0.00025
1,1-Dichloroethane	<0.0010		0.00036	0.0010
1,2-Dichloroethane	<0.0010		0.00044	0.0010
1,1-Dichloroethene	<0.0010		0.00043	0.0010
Bromodichloromethane	<0.0020		0.00035	0.0020
1,2-Dichloropropane	<0.0010		0.00046	0.0010
cis-1,3-Dichloropropene	<0.0010		0.00037	0.0010
Methylene Chloride	<0.0020		0.00036	0.0020
methyl isobutyl ketone	<0.0020		0.00063	0.0020
Methyl tert-butyl ether	<0.0020		0.00032	0.0020
2-Hexanone	<0.0020		0.00068	0.0020
Dibromochloromethane	<0.0020		0.00038	0.0020
Chlorobenzene	<0.0010		0.00034	0.0010
Ethylbenzene	<0.00025		0.00011	0.00025
Tetrachloroethene	<0.0010		0.00028	0.0010
Toluene	<0.00025		0.00016	0.00025
Styrene	<0.0010		0.00030	0.0010
trans-1,2-Dichloroethene	<0.0010		0.00034	0.0010
Bromoform	<0.0020		0.00061	0.0020
trans-1,3-Dichloropropene	<0.0010		0.00030	0.0010
1,1,1-Trichloroethane	<0.0010		0.00045	0.0010
1,1,2,2-Tetrachloroethane	<0.0010		0.00051	0.0010
1,1,2-Trichloroethane	<0.0010		0.00063	0.0010
Trichloroethene	<0.00025		0.00010	0.00025
Vinyl chloride	<0.00025		0.00012	0.00025
Xylenes, Total	<0.0010		0.00031	0.0010
1,3-Dichloropropene, Total	<0.0010		0.00037	0.0010

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106	70 - 125
Toluene-d8 (Surr)	100	75 - 120
4-Bromofluorobenzene (Surr)	92	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Surrogate	% Rec	Acceptance Limits
Dibromofluoromethane	112	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 500-62736

Method: 8260B
Preparation: N/A

LCS Lab Sample ID: LCS 500-62736/4
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/29/2009 1417
Date Prepared: N/A

Analysis Batch: 500-62736
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 2S0429.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 500-62736/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/30/2009 0005
Date Prepared: N/A

Analysis Batch: 500-62736
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5973
Lab File ID: 2T0429.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Bromomethane	99	116	55 - 169	16	30		
Acetone	103	110	34 - 135	6	30		
Carbon disulfide	91	99	26 - 125	9	30		
Chloroethane	97	110	58 - 148	13	30		
Chloromethane	78	91	44 - 157	15	30		
Methyl Ethyl Ketone	91	113	26 - 132	21	30		
Chloroform	114	124	68 - 121	9	30		*
cis-1,2-Dichloroethene	118	126	70 - 123	7	30		*
Carbon tetrachloride	100	100	56 - 132	0	30		
Benzene	104	105	69 - 120	0	30		
1,1-Dichloroethane	111	120	63 - 120	7	30		
1,2-Dichloroethane	111	111	59 - 125	1	30		
1,1-Dichloroethene	107	113	47 - 124	6	30		
Bromodichloromethane	112	110	69 - 131	2	30		
1,2-Dichloropropane	114	112	73 - 120	2	30		
cis-1,3-Dichloropropene	104	97	61 - 120	7	30		
Methylene Chloride	100	110	58 - 125	10	30		
methyl isobutyl ketone	97	94	45 - 140	4	30		
Methyl tert-butyl ether	115	120	44 - 137	4	30		
2-Hexanone	108	95	37 - 139	14	30		
Dibromochloromethane	107	98	66 - 123	8	30		
Chlorobenzene	106	103	76 - 120	3	30		
Ethylbenzene	107	102	77 - 120	4	30		
Tetrachloroethene	95	88	65 - 121	8	30		
Toluene	109	108	73 - 122	1	30		
Styrene	103	100	78 - 120	4	30		
trans-1,2-Dichloroethene	107	119	62 - 120	11	30		
Bromoform	102	99	59 - 120	3	30		
trans-1,3-Dichloropropene	97	89	60 - 120	9	30		
1,1,1-Trichloroethane	108	116	63 - 128	7	30		
1,1,2,2-Tetrachloroethane	108	102	62 - 122	6	30		
1,1,2-Trichloroethane	124	131	68 - 127	5	30		*

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 500-62736

Method: 8260B
Preparation: N/A

LCS Lab Sample ID: LCS 500-62736/4
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/29/2009 1417
Date Prepared: N/A

Analysis Batch: 500-62736
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 2S0429.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 500-62736/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/30/2009 0005
Date Prepared: N/A

Analysis Batch: 500-62736
Prep Batch: N/A
Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5973
Lab File ID: 2T0429.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Trichloroethene	103	101	70 - 120	2	30		
Vinyl chloride	104	118	60 - 140	13	30		
Xylenes, Total	110	107	75 - 125	2	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106	106	70 - 125
Toluene-d8 (Surr)	99	99	75 - 120
4-Bromofluorobenzene (Surr)	106	107	75 - 120
Dibromofluoromethane	107	118	75 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Method Blank - Batch: 500-62165

Method: 8270C
Preparation: 3541

Lab Sample ID: MB 500-62165/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/29/2009 1548
Date Prepared: 04/22/2009 1620

Analysis Batch: 500-62801
Prep Batch: 500-62165
Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 62165M.D
Initial Weight/Volume: 15.000 g
Final Weight/Volume: 0.5 mL
Injection Volume: 1.0 uL

Analyte	Result	Qual	MDL	RL
Acenaphthene	<0.033		0.0042	0.033
Acenaphthylene	<0.033		0.0035	0.033
Anthracene	<0.033		0.0039	0.033
Benzo[a]anthracene	<0.033		0.0042	0.033
Benzo[a]pyrene	<0.033		0.0031	0.033
Benzo[b]fluoranthene	<0.033		0.0073	0.033
Benzo[g,h,i]perylene	<0.033		0.0057	0.033
Benzo[k]fluoranthene	<0.033		0.0071	0.033
Bis(2-chloroethoxy)methane	<0.17		0.021	0.17
Bis(2-chloroethyl)ether	<0.17		0.022	0.17
Bis(2-ethylhexyl) phthalate	<0.17		0.028	0.17
4-Bromophenyl phenyl ether	<0.17		0.013	0.17
Butyl benzyl phthalate	<0.17		0.015	0.17
Carbazole	<0.17		0.013	0.17
4-Chloroaniline	<0.67		0.13	0.67
4-Chloro-3-methylphenol	<0.33		0.081	0.33
2-Chloronaphthalene	<0.17		0.015	0.17
2-Chlorophenol	<0.17		0.029	0.17
4-Chlorophenyl phenyl ether	<0.17		0.014	0.17
Chrysene	<0.033		0.0052	0.033
Dibenz(a,h)anthracene	<0.033		0.0041	0.033
Dibenzofuran	<0.17		0.012	0.17
1,2-Dichlorobenzene	<0.17		0.017	0.17
1,3-Dichlorobenzene	<0.17		0.017	0.17
1,4-Dichlorobenzene	<0.17		0.018	0.17
3,3'-Dichlorobenzidine	<0.17		0.049	0.17
2,4-Dichlorophenol	<0.33		0.036	0.33
Diethyl phthalate	<0.17		0.017	0.17
2,4-Dimethylphenol	<0.33		0.061	0.33
Dimethyl phthalate	<0.17		0.013	0.17
Di-n-butyl phthalate	<0.17		0.013	0.17
4,6-Dinitro-2-methylphenol	<0.33		0.040	0.33
2,4-Dinitrophenol	<0.67		0.18	0.67
2,4-Dinitrotoluene	<0.17		0.018	0.17
2,6-Dinitrotoluene	<0.17		0.018	0.17
Di-n-octyl phthalate	<0.17		0.015	0.17
Fluoranthene	<0.033		0.0043	0.033
Fluorene	<0.033		0.0035	0.033
Hexachlorobenzene	<0.067		0.0048	0.067
Hexachlorobutadiene	<0.17		0.019	0.17
Hexachlorocyclopentadiene	<0.67		0.11	0.67

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Method Blank - Batch: 500-62165

Method: 8270C
Preparation: 3541

Lab Sample ID: MB 500-62165/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/29/2009 1548
Date Prepared: 04/22/2009 1620

Analysis Batch: 500-62801
Prep Batch: 500-62165
Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 62165M.D
Initial Weight/Volume: 15.000 g
Final Weight/Volume: 0.5 mL
Injection Volume: 1.0 uL

Analyte	Result	Qual	MDL	RL
Hexachloroethane	<0.17		0.018	0.17
Indeno[1,2,3-cd]pyrene	<0.033		0.0043	0.033
Isophorone	<0.17		0.014	0.17
2-Methylnaphthalene	<0.17		0.019	0.17
2-Methylphenol	<0.17		0.033	0.17
3 & 4 Methylphenol	<0.17		0.031	0.17
Naphthalene	<0.033		0.0034	0.033
2-Nitroaniline	<0.17		0.018	0.17
3-Nitroaniline	<0.33		0.065	0.33
4-Nitroaniline	<0.33		0.071	0.33
Nitrobenzene	<0.033		0.0061	0.033
2-Nitrophenol	<0.33		0.040	0.33
4-Nitrophenol	<0.67		0.058	0.67
N-Nitrosodi-n-propylamine	<0.17		0.023	0.17
N-Nitrosodiphenylamine	<0.17		0.0099	0.17
2,2'-oxybis[1-chloropropane]	<0.17		0.017	0.17
Pentachlorophenol	<0.67		0.12	0.67
Phenanthrene	<0.033		0.0029	0.033
Phenol	<0.17		0.029	0.17
Pyrene	<0.033		0.0039	0.033
1,2,4-Trichlorobenzene	<0.17		0.016	0.17
2,4,5-Trichlorophenol	<0.33		0.047	0.33
2,4,6-Trichlorophenol	<0.33		0.034	0.33

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	92	33 - 114
2-Fluorophenol	80	25 - 111
Nitrobenzene-d5	87	21 - 116
Phenol-d5	82	31 - 110
Terphenyl-d14	88	48 - 146
2,4,6-Tribromophenol	91	32 - 138

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Lab Control Sample - Batch: 500-62165

Method: 8270C
Preparation: 3541

Lab Sample ID: LCS 500-62165/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/29/2009 1733
Date Prepared: 04/22/2009 1620

Analysis Batch: 500-62801
Prep Batch: 500-62165
Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 62165BS.D
Initial Weight/Volume: 15.000 g
Final Weight/Volume: 0.5 mL
Injection Volume: 1.0 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	1.67	1.53	92	60 - 110	
Acenaphthylene	1.67	1.50	90	61 - 110	
Anthracene	1.67	1.43	86	62 - 110	
Benzo[a]anthracene	1.67	1.49	90	60 - 117	
Benzo[a]pyrene	1.67	1.48	89	61 - 111	
Benzo[b]fluoranthene	1.67	1.53	92	56 - 118	
Benzo[g,h,i]perylene	1.67	1.54	92	61 - 113	
Benzo[k]fluoranthene	1.67	1.17	70	51 - 114	
Bis(2-chloroethoxy)methane	1.67	1.44	86	62 - 110	
Bis(2-chloroethyl)ether	1.67	1.42	85	51 - 110	
Bis(2-ethylhexyl) phthalate	1.67	1.61	97	57 - 120	
4-Bromophenyl phenyl ether	1.67	1.50	90	64 - 112	
Butyl benzyl phthalate	1.67	1.65	99	59 - 117	
Carbazole	1.67	1.50	90	63 - 110	
4-Chloroaniline	1.67	0.907	54	27 - 110	
4-Chloro-3-methylphenol	1.67	1.55	93	60 - 110	
2-Chloronaphthalene	1.67	1.50	90	44 - 116	
2-Chlorophenol	1.67	1.40	84	61 - 110	
4-Chlorophenyl phenyl ether	1.67	1.68	101	63 - 110	
Chrysene	1.67	1.41	85	56 - 117	
Dibenz(a,h)anthracene	1.67	1.51	91	37 - 124	
Dibenzofuran	1.67	1.55	93	63 - 110	
1,2-Dichlorobenzene	1.67	1.34	80	56 - 110	
1,3-Dichlorobenzene	1.67	1.30	78	54 - 110	
1,4-Dichlorobenzene	1.67	1.33	80	55 - 110	
3,3'-Dichlorobenzidine	1.67	0.926	56	33 - 110	
2,4-Dichlorophenol	1.67	1.50	90	63 - 110	
Diethyl phthalate	1.67	1.63	98	64 - 110	
2,4-Dimethylphenol	1.67	1.49	89	53 - 110	
Dimethyl phthalate	1.67	1.55	93	64 - 110	
Di-n-butyl phthalate	1.67	1.55	93	64 - 112	
4,6-Dinitro-2-methylphenol	1.67	1.03	62	20 - 112	
2,4-Dinitrophenol	1.67	0.606	36	10 - 121	J
2,4-Dinitrotoluene	1.67	1.64	98	66 - 117	
2,6-Dinitrotoluene	1.67	1.56	94	67 - 112	
Di-n-octyl phthalate	1.67	1.70	102	56 - 116	
Fluoranthene	1.67	1.47	88	62 - 110	
Fluorene	1.67	1.64	99	63 - 110	
Hexachlorobenzene	1.67	1.43	86	61 - 118	
Hexachlorobutadiene	1.67	1.53	92	54 - 116	
Hexachlorocyclopentadiene	1.67	1.15	69	20 - 110	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Lab Control Sample - Batch: 500-62165

Method: 8270C
Preparation: 3541

Lab Sample ID: LCS 500-62165/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/29/2009 1733
Date Prepared: 04/22/2009 1620

Analysis Batch: 500-62801
Prep Batch: 500-62165
Units: mg/Kg

Instrument ID: Agilent 6890N GC - 5973N
Lab File ID: 62165BS.D
Initial Weight/Volume: 15.000 g
Final Weight/Volume: 0.5 mL
Injection Volume: 1.0 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Hexachloroethane	1.67	1.45	87	53 - 110	
Indeno[1,2,3-cd]pyrene	1.67	1.53	92	58 - 110	
Isophorone	1.67	1.39	83	52 - 110	
2-Methylnaphthalene	1.67	1.35	81	34 - 122	
2-Methylphenol	1.67	1.33	80	58 - 110	
3 & 4 Methylphenol	1.67	1.66	100	57 - 110	
Naphthalene	1.67	1.41	84	57 - 110	
2-Nitroaniline	1.67	1.78	107	58 - 111	
3-Nitroaniline	1.67	1.18	71	39 - 112	
4-Nitroaniline	1.67	1.56	93	49 - 119	
Nitrobenzene	1.67	1.41	85	57 - 110	
2-Nitrophenol	1.67	1.43	86	60 - 110	
4-Nitrophenol	1.67	1.54	93	30 - 130	
N-Nitrosodi-n-propylamine	1.67	1.39	84	54 - 110	
N-Nitrosodiphenylamine	1.67	1.91	115	63 - 110	*
2,2'-oxybis[1-chloropropane]	1.67	1.28	77	38 - 110	
Pentachlorophenol	1.67	1.35	81	26 - 114	
Phenanthrene	1.67	1.52	91	63 - 110	
Phenol	1.67	1.41	85	50 - 110	
Pyrene	1.67	1.49	89	56 - 121	
1,2,4-Trichlorobenzene	1.67	1.45	87	58 - 110	
2,4,5-Trichlorophenol	1.67	1.51	91	63 - 116	
2,4,6-Trichlorophenol	1.67	1.54	93	62 - 117	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	97	33 - 114
2-Fluorophenol	84	25 - 111
Nitrobenzene-d5	91	21 - 116
Phenol-d5	83	31 - 110
Terphenyl-d14	92	48 - 146
2,4,6-Tribromophenol	99	32 - 138

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-62165

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	500-18309-12	Analysis Batch: 500-62854	Instrument ID: Agilent 6890N GC - 5973I
Client Matrix:	Solid	Prep Batch: 500-62165	Lab File ID: 8309-12S.D
Dilution:	1.0		Initial Weight/Volume: 15.316 g
Date Analyzed:	05/01/2009 0315		Final Weight/Volume: 0.5 mL
Date Prepared:	04/22/2009 1620		Injection Volume: 1.0 uL

MSD Lab Sample ID:	500-18309-12	Analysis Batch: 500-62854	Instrument ID: Agilent 6890N GC - 5973N
Client Matrix:	Solid	Prep Batch: 500-62165	Lab File ID: 8309-12T.D
Dilution:	1.0		Initial Weight/Volume: 15.304 g
Date Analyzed:	05/01/2009 0336		Final Weight/Volume: 0.5 mL
Date Prepared:	04/22/2009 1620		Injection Volume: 1.0 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	76	99	60 - 110	27	30		
Acenaphthylene	75	99	61 - 110	27	30		
Anthracene	76	97	62 - 110	24	30		
Benzo[a]anthracene	70	90	60 - 117	23	30		
Benzo[a]pyrene	76	98	61 - 111	24	30		
Benzo[b]fluoranthene	68	99	56 - 118	33	30		F
Benzo[g,h,i]perylene	68	92	61 - 113	28	30		
Benzo[k]fluoranthene	76	88	51 - 114	15	30		
Bis(2-chloroethoxy)methane	70	89	62 - 110	24	30		
Bis(2-chloroethyl)ether	71	81	51 - 110	14	30		
Bis(2-ethylhexyl) phthalate	87	111	57 - 120	24	30		
4-Bromophenyl phenyl ether	83	107	64 - 112	25	30		
Butyl benzyl phthalate	86	111	59 - 117	26	30		
Carbazole	77	98	63 - 110	25	30		
4-Chloroaniline	59	76	27 - 110	25	30		
4-Chloro-3-methylphenol	70	82	60 - 110	16	30		
2-Chloronaphthalene	76	103	44 - 116	30	30		
2-Chlorophenol	67	82	61 - 110	20	30		
4-Chlorophenyl phenyl ether	87	108	63 - 110	21	30		
Chrysene	77	109	56 - 117	33	30		F
Dibenz(a,h)anthracene	72	94	37 - 124	26	30		
Dibenzofuran	79	99	63 - 110	22	30		
1,2-Dichlorobenzene	63	75	56 - 110	19	30		
1,3-Dichlorobenzene	57	68	54 - 110	18	30		
1,4-Dichlorobenzene	59	71	55 - 110	19	30		
3,3'-Dichlorobenzidine	60	79	33 - 110	28	30		
2,4-Dichlorophenol	73	90	63 - 110	21	30		
Diethyl phthalate	77	96	64 - 110	22	30		
2,4-Dimethylphenol	71	88	53 - 110	22	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-62165

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	500-18309-12	Analysis Batch:	500-62854	Instrument ID:	Agilent 6890N GC - 5973I
Client Matrix:	Solid	Prep Batch:	500-62165	Lab File ID:	8309-12S.D
Dilution:	1.0			Initial Weight/Volume:	15.316 g
Date Analyzed:	05/01/2009 0315			Final Weight/Volume:	0.5 mL
Date Prepared:	04/22/2009 1620			Injection Volume:	1.0 uL

MSD Lab Sample ID:	500-18309-12	Analysis Batch:	500-62854	Instrument ID:	Agilent 6890N GC - 5973N
Client Matrix:	Solid	Prep Batch:	500-62165	Lab File ID:	8309-12T.D
Dilution:	1.0			Initial Weight/Volume:	15.304 g
Date Analyzed:	05/01/2009 0336			Final Weight/Volume:	0.5 mL
Date Prepared:	04/22/2009 1620			Injection Volume:	1.0 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dimethyl phthalate	79	98	64 - 110	21	30		
Di-n-butyl phthalate	79	102	64 - 112	25	30		
4,6-Dinitro-2-methylphenol	33	42	20 - 112	23	30		
2,4-Dinitrophenol	21	19	10 - 121	7	30	J	J
2,4-Dinitrotoluene	81	93	66 - 117	13	30		
2,6-Dinitrotoluene	76	93	67 - 112	20	30		
Di-n-octyl phthalate	97	119	56 - 116	20	30		F
Fluoranthene	62	85	62 - 110	28	30		
Fluorene	83	100	63 - 110	18	30		
Hexachlorobenzene	78	99	61 - 118	24	30		
Hexachlorobutadiene	71	90	54 - 116	24	30		
Hexachlorocyclopentadiene	10	15	20 - 110	41	30	J F	J F
Hexachloroethane	57	69	53 - 110	19	30		
Indeno[1,2,3-cd]pyrene	70	93	58 - 110	27	30		
Isophorone	65	81	52 - 110	22	30		
2-Methylnaphthalene	66	81	34 - 122	20	30		
2-Methylphenol	64	79	58 - 110	21	30		
3 & 4 Methylphenol	86	104	57 - 110	19	30		
Naphthalene	67	84	57 - 110	22	30		
2-Nitroaniline	89	113	58 - 111	23	30		F
3-Nitroaniline	65	78	39 - 112	18	30		
4-Nitroaniline	69	79	49 - 119	14	30		
Nitrobenzene	67	83	57 - 110	22	30		
2-Nitrophenol	68	85	60 - 110	23	30		
4-Nitrophenol	68	72	30 - 130	5	30		
N-Nitrosodi-n-propylamine	69	84	54 - 110	19	30		
N-Nitrosodiphenylamine	103	139	63 - 110	30	30		F
2,2'-oxybis[1-chloropropane]	61	75	38 - 110	21	30		
Pentachlorophenol	53	74	26 - 114	34	30		F

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-62165

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	500-18309-12	Analysis Batch: 500-62854	Instrument ID: Agilent 6890N GC - 5973I
Client Matrix:	Solid	Prep Batch: 500-62165	Lab File ID: 8309-12S.D
Dilution:	1.0		Initial Weight/Volume: 15.316 g
Date Analyzed:	05/01/2009 0315		Final Weight/Volume: 0.5 mL
Date Prepared:	04/22/2009 1620		Injection Volume: 1.0 uL

MSD Lab Sample ID:	500-18309-12	Analysis Batch: 500-62854	Instrument ID: Agilent 6890N GC - 5973N
Client Matrix:	Solid	Prep Batch: 500-62165	Lab File ID: 8309-12T.D
Dilution:	1.0		Initial Weight/Volume: 15.304 g
Date Analyzed:	05/01/2009 0336		Final Weight/Volume: 0.5 mL
Date Prepared:	04/22/2009 1620		Injection Volume: 1.0 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenanthrene	70	93	63 - 110	27	30		
Phenol	72	86	50 - 110	18	30		
Pyrene	74	103	56 - 121	30	30		
1,2,4-Trichlorobenzene	68	85	58 - 110	22	30		
2,4,5-Trichlorophenol	86	109	63 - 116	24	30		
2,4,6-Trichlorophenol	71	90	62 - 117	24	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl	79	111	33 - 114
2-Fluorophenol	66	84	25 - 111
Nitrobenzene-d5	68	88	21 - 116
Phenol-d5	64	78	31 - 110
Terphenyl-d14	80	108	48 - 146
2,4,6-Tribromophenol	75	88	32 - 138

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Method Blank - Batch: 500-62103

Method: 6010B
Preparation: 3050B

Lab Sample ID: MB 500-62103/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/25/2009 0352
Date Prepared: 04/22/2009 0901

Analysis Batch: 500-62393
Prep Batch: 500-62103
Units: mg/Kg

Instrument ID: TJA ICAP 61E Trace Analy
Lab File ID: P50424C
Initial Weight/Volume: 1 g
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Aluminum	<20		1.8	20
Antimony	<2.0		0.29	2.0
Arsenic	<1.0		0.29	1.0
Barium	<1.0		0.032	1.0
Beryllium	<0.40		0.010	0.40
Cadmium	<0.20		0.033	0.20
Calcium	2.3	J	0.85	10
Chromium	0.12	J	0.087	1.0
Cobalt	<0.50		0.073	0.50
Copper	<1.0		0.45	1.0
Iron	4.2	J	2.0	10
Lead	0.15	J	0.11	0.50
Magnesium	1.3	J	1.2	10
Manganese	<1.0		0.031	1.0
Nickel	0.093	J	0.062	1.0
Potassium	<50		6.1	50
Selenium	<1.0		0.38	1.0
Silver	<0.50		0.10	0.50
Sodium	<100		20	100
Thallium	<1.0		0.33	1.0
Vanadium	<0.50		0.085	0.50
Zinc	0.18	J	0.18	2.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Lab Control Sample - Batch: 500-62103

Method: 6010B
Preparation: 3050B

Lab Sample ID: LCS 500-62103/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/25/2009 0358
Date Prepared: 04/22/2009 0901

Analysis Batch: 500-62393
Prep Batch: 500-62103
Units: mg/Kg

Instrument ID: TJA ICAP 61E Trace Analy
Lab File ID: P50424C
Initial Weight/Volume: 1 g
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	200	193	97	80 - 120	
Antimony	50.0	49.0	98	80 - 120	
Arsenic	10.0	9.47	95	80 - 120	
Barium	200	196	98	80 - 120	
Beryllium	5.00	4.93	99	80 - 120	
Cadmium	5.00	4.83	97	80 - 120	
Calcium	1000	1000	100	80 - 120	
Chromium	20.0	20.2	101	80 - 120	
Cobalt	50.0	48.8	98	80 - 120	
Copper	25.0	25.5	102	80 - 120	
Iron	100	106	106	80 - 120	
Lead	10.0	10.4	104	80 - 120	
Magnesium	1000	972	97	80 - 120	
Manganese	50.0	51.8	104	80 - 120	
Nickel	50.0	48.8	98	80 - 120	
Potassium	1000	886	89	80 - 120	
Selenium	10.0	8.66	87	80 - 120	
Silver	5.00	4.87	97	80 - 120	
Sodium	1000	928	93	80 - 120	
Thallium	10.0	9.73	97	80 - 120	
Vanadium	50.0	50.8	102	80 - 120	
Zinc	50.0	48.0	96	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-62103

Method: 6010B
Preparation: 3050B

MS Lab Sample ID: 500-18309-12
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/25/2009 0550
Date Prepared: 04/22/2009 0901

Analysis Batch: 500-62393
Prep Batch: 500-62103

Instrument ID: TJA ICAP 61E Trace
Lab File ID: P50424C
Initial Weight/Volume: 1.1833 g
Final Weight/Volume: 100 mL

MSD Lab Sample ID: 500-18309-12
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/25/2009 0616
Date Prepared: 04/22/2009 0901

Analysis Batch: 500-62393
Prep Batch: 500-62103

Instrument ID: TJA ICAP 61E Trace Analy
Lab File ID: P50424C
Initial Weight/Volume: 1.1999 g
Final Weight/Volume: 100 mL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aluminum	1220	846	75 - 125	13	20	4	4
Antimony	50	44	75 - 125	13	20	F	F
Arsenic	85	75	75 - 125	10	20		
Barium	79	80	75 - 125	0	20		
Beryllium	83	73	75 - 125	14	20		F
Cadmium	83	76	75 - 125	9	20		
Calcium	-179	-237	75 - 125	15	20	4	4
Chromium	93	80	75 - 125	12	20		
Cobalt	81	73	75 - 125	11	20		F
Copper	86	74	75 - 125	13	20		F
Iron	226	-398	75 - 125	10	20	4	4
Lead	72	25	75 - 125	18	20	F	F
Magnesium	-46	-102	75 - 125	21	20	F	F
Manganese	-179	396	75 - 125	45	20	4	4
Nickel	82	72	75 - 125	13	20		F
Potassium	106	90	75 - 125	12	20		
Selenium	76	72	75 - 125	8	20		F
Silver	89	87	75 - 125	4	20		
Sodium	87	76	75 - 125	12	20		
Thallium	88	83	75 - 125	7	20		
Vanadium	93	79	75 - 125	14	20		
Zinc	83	72	75 - 125	9	20		F

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Duplicate - Batch: 500-62103

Method: 6010B
Preparation: 3050B

Lab Sample ID: 500-18309-12
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/25/2009 0544
Date Prepared: 04/22/2009 0901

Analysis Batch: 500-62393
Prep Batch: 500-62103
Units: mg/Kg

Instrument ID: TJA ICAP 61E Trace Analy
Lab File ID: P50424C
Initial Weight/Volume: 1.0147 g
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	3800		6680	55	20	F
Antimony	<2.0		<2.2	NC	20	
Arsenic	2.2		3.87	54	20	F
Barium	73		66.4	9	20	
Beryllium	0.23	J	0.324	33	20	J
Cadmium	0.15	J	0.0427	110	20	J
Calcium	5400		3270	50	20	F
Chromium	5.7		8.90	44	20	F
Cobalt	3.2		4.44	32	20	F
Copper	4.7		6.71	35	20	F
Iron	5900		8940	42	20	F
Lead	21		16.3	26	20	F
Magnesium	3300		2090	44	20	F
Manganese	550		307	57	20	F
Nickel	5.3		8.21	43	20	F
Potassium	450		570	24	20	F
Selenium	<1.0		<1.1	NC	20	
Silver	<0.50		<0.56	NC	20	
Sodium	150		165	10	20	
Thallium	<1.0		<1.1	NC	20	
Vanadium	11		17.5	42	20	F
Zinc	27		54.4	68	20	F

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Method Blank - Batch: 500-62049

Method: 7471A
Preparation: 7471A

Lab Sample ID: MB 500-62049/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/21/2009 1240
Date Prepared: 04/21/2009 1100

Analysis Batch: 500-62054
Prep Batch: 500-62049
Units: mg/Kg

Instrument ID: Leeman Hg Analyzer
Lab File ID: N/A
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Mercury	<0.017		0.0067	0.017

Lab Control Sample - Batch: 500-62049

Method: 7471A
Preparation: 7471A

Lab Sample ID: LCS 500-62049/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/21/2009 1242
Date Prepared: 04/21/2009 1100

Analysis Batch: 500-62054
Prep Batch: 500-62049
Units: mg/Kg

Instrument ID: Leeman Hg Analyzer
Lab File ID: N/A
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.167	0.164	98	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-62049

Method: 7471A
Preparation: 7471A

MS Lab Sample ID: 500-18309-12
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/21/2009 1316
Date Prepared: 04/21/2009 1100

Analysis Batch: 500-62054
Prep Batch: 500-62049

Instrument ID: Leeman Hg Analyzer
Lab File ID: N/A
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 500-18309-12
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/21/2009 1318
Date Prepared: 04/21/2009 1100

Analysis Batch: 500-62054
Prep Batch: 500-62049

Instrument ID: Leeman Hg Analyzer
Lab File ID: N/A
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 50 mL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	-2	211	75 - 125	44	20	F	F

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Duplicate - Batch: 500-62049

Method: 7471A
Preparation: 7471A

Lab Sample ID: 500-18309-12
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/21/2009 1314
Date Prepared: 04/21/2009 1100

Analysis Batch: 500-62054
Prep Batch: 500-62049
Units: mg/Kg

Instrument ID: Leeman Hg Analyzer
Lab File ID: N/A
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	0.36	0.362	0	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Method Blank - Batch: 500-62283

Method: 9014
Preparation: 9010B

Lab Sample ID: MB 500-62283/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/24/2009 1220
Date Prepared: 04/24/2009 0640

Analysis Batch: 500-62369
Prep Batch: 500-62283
Units: mg/Kg

Instrument ID: Shimadzu UV mini 1240V
Lab File ID: N/A
Initial Weight/Volume: 1.0000 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Cyanide, Total	<0.50		0.12	0.50

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Lab Control Sample - Batch: 500-62283

Method: 9014
Preparation: 9010B

Lab Sample ID: LCS 500-62283/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/24/2009 1220
Date Prepared: 04/24/2009 0640

Analysis Batch: 500-62369
Prep Batch: 500-62283
Units: mg/Kg

Instrument ID: Shimadzu UV mini 1240V
Lab File ID: N/A
Initial Weight/Volume: 1.0000 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	5.00	5.16	103	80 - 120	

High Level Control Sample - Batch: 500-62283

Method: 9014
Preparation: 9010B

Lab Sample ID: HLCS 500-62283/25-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/24/2009 1221
Date Prepared: 04/24/2009 0640

Analysis Batch: 500-62369
Prep Batch: 500-62283
Units: mg/Kg

Instrument ID: Shimadzu UV mini 1240V
Lab File ID: N/A
Initial Weight/Volume: 1.0000 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	20.0	19.9	99	80 - 120	

Low Level Control Sample - Batch: 500-62283

Method: 9014
Preparation: 9010B

Lab Sample ID: LLCS 500-62283/26-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/24/2009 1221
Date Prepared: 04/24/2009 0640

Analysis Batch: 500-62369
Prep Batch: 500-62283
Units: mg/Kg

Instrument ID: Shimadzu UV mini 1240V
Lab File ID: N/A
Initial Weight/Volume: 1.0000 g
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	2.00	1.98	99	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-62283

Method: 9014
Preparation: 9010B

MS Lab Sample ID:	500-18309-12	Analysis Batch: 500-62369	Instrument ID: Shimadzu UV mini 1240V
Client Matrix:	Solid	Prep Batch: 500-62283	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 1.3596 g
Date Analyzed:	04/24/2009 1225		Final Weight/Volume: 50 mL
Date Prepared:	04/24/2009 0640		

MSD Lab Sample ID:	500-18309-12	Analysis Batch: 500-62369	Instrument ID: Shimadzu UV mini 1240V
Client Matrix:	Solid	Prep Batch: 500-62283	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 1.2457 g
Date Analyzed:	04/24/2009 1226		Final Weight/Volume: 50 mL
Date Prepared:	04/24/2009 0640		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cyanide, Total	109	110	75 - 125	10	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Duplicate - Batch: 500-62610

Method: 9045C
Preparation: N/A

Lab Sample ID: 500-18309-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/29/2009 1146
Date Prepared: N/A

Analysis Batch: 500-62610
Prep Batch: N/A
Units: SU

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 1.0 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
pH	8.14	8.300	2		

Duplicate - Batch: 500-62610

Method: 9045C
Preparation: N/A

Lab Sample ID: 500-18309-12
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/29/2009 1201
Date Prepared: N/A

Analysis Batch: 500-62610
Prep Batch: N/A
Units: SU

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 1.0 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
pH	8.45	8.500	0.590		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
Sdg Number: 500-18309-1

Duplicate - Batch: 500-61908

Method: Moisture
Preparation: N/A

Lab Sample ID: 500-18309-12
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/19/2009 0137
Date Prepared: N/A

Analysis Batch: 500-61908
Prep Batch: N/A
Units: %

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	12	13	2		
Percent Solids	88	87	0	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60466
Phone: 708.534.5200 Fax: 708.534.5211

(optional)
Report To
Contact:
Company:
Address:
Address:
Phone:
Fax:
E-Mail:

(optional)
Bill To
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Chain of Custody Record

Lab Job #: 500-18309
Chain of Custody Number:
Page ____ of ____
Temperature °C of Cooler: (2.7) (3.2)

05/04/2009

Client: FGA
Client Project #: 48361
Project Name: MORGAN ST BRIDGE
Project Location/State: ROCKFORD IL
Lab Project #:
Sampler: A. JARRETT
Lab PM:

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None
8. Other

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOC	SVOC	METALS							Comments
1		25819-SB16 @ 1'-2'	4-16-09	9:48	6		x	x	x							
2		25820-SB15 @ 1'-2'	↓	10:00	6		↓	↓	↓							
3		25821-SB17 @ 1'-2'	↓	10:10	6		↓	↓	↓							
4		25822-SB19 @ 1'-2'	↓	10:12	6		↓	↓	↓							DUP
5		25823-SB19 @ 1.5'-2.5'	↓	10:55	6		↓	↓	↓							
6		25824-SB20 @ 2'-3'	↓	10:25	6		↓	↓	↓							
7		25825-SB22 @ 3'-4'	↓	10:40	6		↓	↓	↓							
8		25826-SB18 @ .5'-1.5'	↓	11:05	6		↓	↓	↓							
9		25827-SB21 @ 1.5'-2.5'	↓	11:15	6		↓	↓	↓							
10		25828-SB26 @ .5-1.5'	↓	11:38	6		↓	↓	↓							

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 10 days ___ 15 Days _____ Other

Sample Disposal
[ ] Return to Client [ ] Disposal by Lab [X] Archive for 1 Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	FGA	4-16-09	4:00	[signature]	TA	4/17/09	1030

Lab Courier:
Shipped: FX
Hand Delivered:

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments

Lab Comments:

TAL-4124-600 (0308)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60466
Phone: 708.534.5200 Fax: 708.534.5211

(optional)
Report To
Contact:
Company:
Address:
Address:
Phone:
Fax:
E-Mail:

(optional)
Bill To
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Chain of Custody Record

Lab Job #: 500-18309

Chain of Custody Number:

Page ____ of ____

Temperature °C of Cooler:

05/04/2009

Client: FGA
Client Project #: 48361
Project Name: Morgan St. Bridge
Project Location/State: Rockford IL
Lab Project #:
Sampler: A. Jarrett
Lab PM:

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None
8. Other

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOC	SVOC	Metals	Comments
11		25829-SB25@1-2'	4-16-09	11:50	6		X	X	X	
12		25830-SB23@1-2'	↓	12:25	18		↓	↓	↓	MSMSD
13		25831-SB24@1-2'		12:40	6					
14		25832-SB27@0-2'	↓	12:55	6		↓	↓	↓	
15		Trip Blank				W				added by TA

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 10 days ___ 15 Days _____ Other

Sample Disposal
[ ] Return to Client [ ] Disposal by Lab [X] Archive for 1 Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	FGA	4-16-09	4:00	[signature]	TA	4/17/09	1030
				[signature]			

Lab Courier:
Shipped: FX
Hand Delivered:

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments

Lab Comments:

TAL-4124-500 (0308)

Login Sample Receipt Check List

Client: Fehr-Graham & Associates

Job Number: 500-18309-1
SDG Number: 500-18309-1

Login Number: 18309
Creator: Lunt, Jeff T
List Number: 1

List Source: TestAmerica Chicago

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	2.7,3.2
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	
There are no discrepancies between the sample IDs on the containers 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	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	