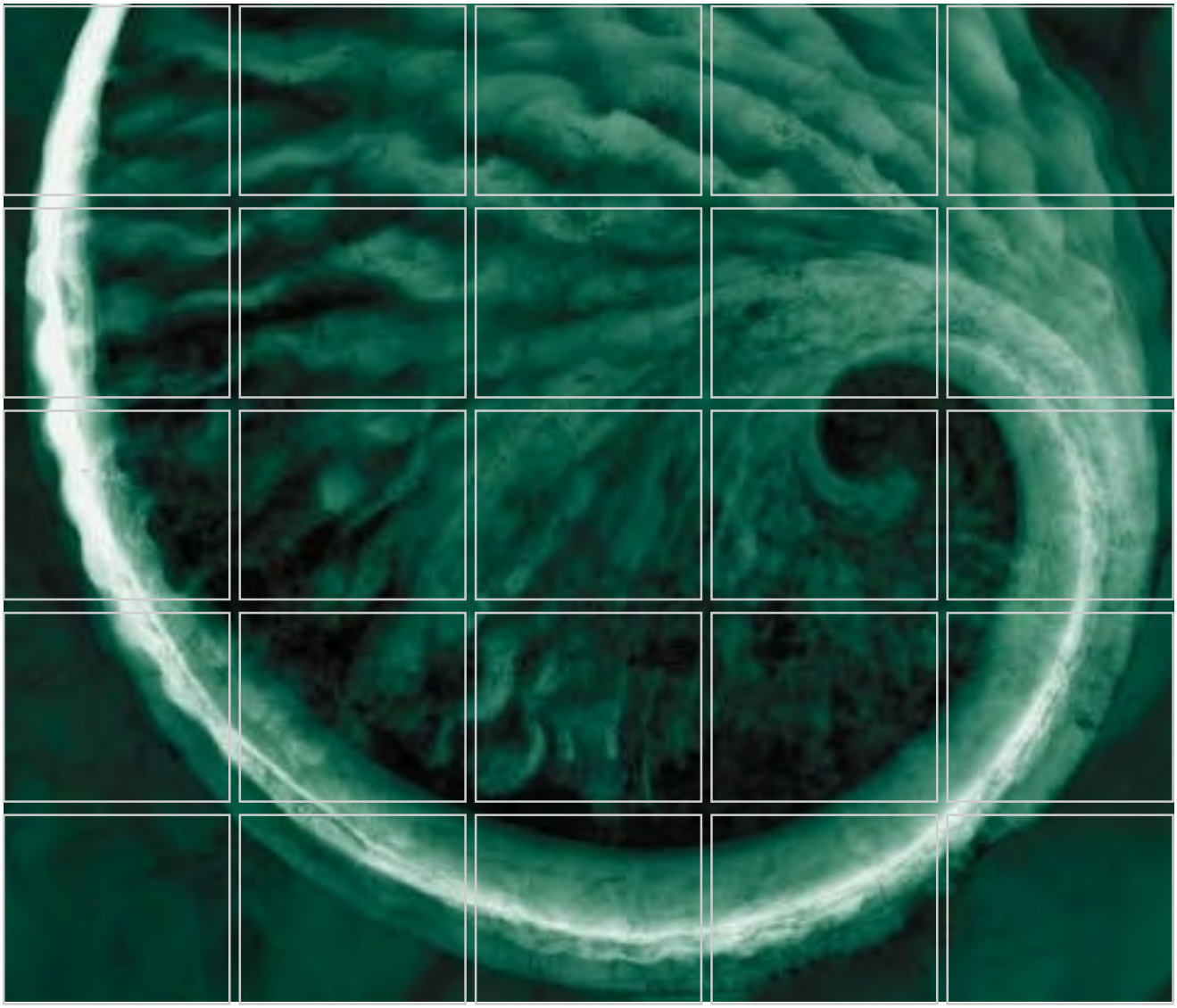

Joslyn Clark Controls, Inc.

Phase II Site Assessment

Joslyn Clark Controls Facility
2013 W. Meeting Street
Lancaster, South Carolina

December 9, 2009

ERM

Delivering sustainable solutions in a more competitive world

Joslyn Clark Controls, Inc.

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December 9, 2009

Project No. 0103646

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EXECUTIVE SUMMARY

ERM NC, PC (ERM) conducted a Phase II Environmental Assessment (ESA) at the Joslyn Clark Controls, Inc. (Joslyn Clark) facility located at 2013 W. Meeting Street in Lancaster, South Carolina. The purpose of the Phase II ESA was to assess soil and groundwater conditions at the property related to historical manufacturing operations. A Phase I ESA was conducted by ERM in January 2009 that identified potential environmental concerns related to former wastewater lagoons, a former metal plating operation, and a former degreasing operation took place near the northwest corner of the plant, which used trichloroethylene (TCE) as a solvent.

A subsurface soil boring investigation was conducted in April 2009 to assess areas of potential environmental concern identified in the Phase I ESA. The soil boring investigation included the advancement of 15 soil borings and the collection of soil samples from the 15 soil borings for laboratory analyses of total petroleum hydrocarbons for oil and grease, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and priority pollutant list (PPL) metals. The soil borings indicated that the subject property is underlain by a mix of sand, silt, and clay. Ground water was not encountered during the soil boring investigation in which the deepest boring was advanced to a depth of approximately 40 feet below ground surface (BGS).

Analytical results of the soil samples collected indicated that trichloroethylene (TCE) was present in soil samples collected near the former metal plating area, the former wastewater lagoons, the former degreasing operation, and the former hazardous waste storage shed on the subject property. Tetrachloroethylene (PCE) was also detected in the vicinity of the former on-site hazardous waste storage shed. Of the 34 soil samples collected, seven soil samples detected concentrations of VOCs (six for TCE and one for PCE) that are above the EPA Region 9 Screening Levels for the Protection of Groundwater. None of these samples exceeded the VOC limits for the Industrial or Residential Screening Levels.

Based on these findings, ERM conducted a ground water investigation on the property in September 2009 to evaluate shallow groundwater conditions in the vicinity of the impacted soil and to determine groundwater flow direction across the site. The groundwater investigation included the installation and sampling of seven permanent groundwater monitoring wells (MW-1 through MW-7). Groundwater was encountered at depths between approximately 42 and 47 feet BGS

across the property. Based on the groundwater elevation data collected it appears that groundwater flows to the south-southeast, towards Cane Creek.

Groundwater samples were analyzed for VOCs; 1,2-dibromo-3-chloropropane (DBCP); 2-dibromoethane (EDB); and target analytes list (TAL) metals. The laboratory analytical results indicate that TCE is present above the established EPA Maximum Contaminant Level (MCL) Screening Level 5.0 µg/ in 4 wells at concentrations ranging from 7.7 µg/L to 2,700 µg/L. The highest concentration was detected in the sample collected from the well adjacent to the former metal plating operation. The sample from the farthest downgradient well contained TCE at a concentration of 220 µg/L, which is above the EPA MCL. This well is located on site approximately 300 feet from the property line.

PCE was also detected above its MCL of 5.0 µg/L in two monitoring wells (i.e., MW-3 at 39 µg/L and MW-7 at 6.6 µg/L). No compounds were detected above the MCL in groundwater samples. TAL metals were detected in most samples submitted for analysis; however, reported concentrations were below EPA Screening Levels.

CONCLUSIONS AND RECOMMENDATIONS

Based on soil and groundwater analytical results, ERM concluded that:

- The subsurface soils and groundwater has been impacted by VOCs, with TCE being the most prevalent compound;

- TCE was detected in soil samples collected from deep intervals suggest that its presence is likely the result of water table fluctuations or capillary fringe transport and that the precise location of the source has not been determined;

- The sample from monitoring well MW-3, located adjacent to the former metal plating operation (northwestern portion of building), contained the highest concentration of TCE at 2,700 µg/L, indicating the source area is likely nearby; and

- The direction of groundwater flow correlates with reported concentrations of TCE in groundwater, indicating that the TCE plume has migrated from the former plating area to the south-southeast portion of the property.

The horizontal and vertical extent of TCE affected groundwater has not been adequately delineated. In that the density of TCE is greater than water, it is important to install deeper wells to evaluate its vertical distribution. ERM recommends conducting additional investigations to determine the horizontal and vertical extent of TCE in groundwater as well the source area of contamination in soil. In addition, ERM recommends conducting a receptor survey in order to determine if potable water wells are present downgradient from the property.

1.0 INTRODUCTION

Joslyn Clark Controls, Inc. (Joslyn Clark) requested ERM to conduct a Phase II Environmental Assessment (ESA) at the Joslyn Clark facility located in Lancaster, South Carolina (the subject property) to assess areas of concern identified during ERM's January 2009 Phase I ESA.

This report presents a brief background of the Joslyn Clark facility and a description of the investigation activities completed. Results of the investigation, conclusions, and recommendations are also provided.

1.1 SITE DESCRIPTION AND BACKGROUND

The subject property is located at 2013 W. Meeting Street, Lancaster, Lancaster County, South Carolina. The general location of the property and the physiographic features of the surrounding area are illustrated on Figure 1.

The subject property consists of 23 acres of land and is developed with two buildings. The manufacturing building was constructed in 1964 and consists of approximately 180,000 square feet of floor space. The warehouse/storage building was constructed in 1967 and consists of approximately 14,400 square feet of floor space. The subject property has been used to manufacture electrical control equipment for fire safety purposes since its construction in 1964. Figure 2 illustrates the general property layout with improved features.

The principal raw materials for manufacturing included sheet metal, copper wire, pre-manufactured metal and plastic components, electrostatic paint, and oil-based paint. Joslyn Clark's primary product included the fabrication of metal cabinets, which were populated with various electrical, plastic, and metal components purchased from other off-site manufacturers. The Joslyn Clark facility has been a regulated source of air emissions, industrial wastewater discharge, and hazardous waste.

1.2 PREVIOUS INVESTIGATIONS

Other than ERM's January 2009 Phase I ESA, no previous Phase I or Phase II ESAs are known to have been conducted at the subject property.
Purpose

The purpose of the Phase II ESA was to evaluate subsurface conditions in areas of potential concerned identified during ERM's Phase I ESA. The soil assessment targeted areas of concern as a rapid approach to assess for impacted soil. The groundwater assessment further investigated areas where target compounds were detected in soil samples and served to establish groundwater flow direction on the subject property.

2.0 PHASE II INVESTIGATION ACTIVITIES

2.1 SOIL ASSESSMENT

2.1.1 Soil Boring Installation

Soil assessment activities were conducted by ERM on April 7 and 8, 2009. A total of 15 soil borings were advanced during Phase II activities. The locations of the soil borings, as shown on Figure 3, were completed in the following areas:

- GP-1 through GP-4: Former metal plating area;
- GP-5 and GP-6: Former degreasing and trichloroethylene (TCE) AST area;
- GP-7 & GP-8: Former wastewater discharge line;
- GP-9: Former wastewater lagoon;
- GP-10: Hazardous waste storage area;
- GP-11: Metal plating/wastewater treatment area;
- GP-12: Wastewater treatment area;
- GP-13: Paint booth; and
- GP-14 & GP-15: Background samples for metals comparison.

Soil borings were installed with a Geoprobe® rig equipped with 2-inch outer diameter (O.D.) by 4-foot long stainless steel samplers and disposable acetate liners. Field sampling equipment was decontaminated prior to being brought on-site and between sampling locations with water and non-phosphate soap followed by a water rinse.

The total depths of the borings ranged from 4 feet below ground surface (BGS) to 40 feet BGS. As part of the soil sampling activities, the soil samples were: (1) visually examined to characterize the subsurface geology; (2) evaluated for visible evidence of contamination; and (3) field screened with a photo-ionization detector (PID) for the presence of organic vapors. Prior to use, the PID was calibrated according the manufacturer's instructions using an isobutylene standard of known concentration. Soil boring information and screening data are presented on the soil boring logs included in Appendix A.

2.1.2 *Soil Sampling*

Soil samples were collected and analyzed for the following:

- Volatile organic compounds (VOCs) by EPA Method 8260B;
- Semi-volatile organic compounds (SVOCs) by EPA Method 8270D; and
- Priority pollutant list (PPL) metals (antimony, arsenic, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, & zinc) by EPA Method 6010C and 7471B (for mercury).

Ten soil borings of the soils boring were drilled deep (30 to 40 feet BGS) with samples collected from three depths (shallow, intermediate depth, and deep) at each location for laboratory analyses. The remaining five soil borings were shallow (less than 12 feet BGS) with one soil sample collected for laboratory analyses. Each soil sample was placed in laboratory-provided containers specific to each analytical method and then labeled with the site name, analyses requested, sampler's initials, date of collection, and time of collection. This information was transferred to a chain-of-custody (COC) to ensure proper tracking and analysis of the sample. Soil samples were be placed on ice immediately after collection and maintained under proper COC control throughout the handling process to Shealy Environmental Services, Inc. (Shealy) of West Columbia, SC (SCDHEC No. 32010) for analytical testing. Soil sample analytical results are discussion in Section 4.3 and summarized in Table 1.

Soil cuttings were returned to the boreholes and each borehole was completed with bentonite clay.

2.2 *GROUNDWATER ASSESSMENT*

2.2.1 *Monitoring Well Installation*

ERM mobilized to the site during the week of August 25, 2009 to install seven monitoring wells in the following areas, as depicted on Figure 4:

- MW-1: Northwest corner of property (topographically upgradient);
- MW-2: Former degreasing and TCE AST area;
- MW-3: Former metal plating room area;

- MW-4: Along northwest property boundary (potentially downgradient of building based on topography);
- MW-5: Southwest portion of property (potentially downgradient of building and former wastewater lagoons);
- MW-6: Southeast of building (potentially downgradient of building based on topography); and
- MW-7: Adjacent to former hazardous waste storage shed.

Monitor wells MW-1 and MW-4 through MW-7 were installed on August 25 & 26, 2009 with a truck-mounted drill rig using 8.25-inch O.D. hollow stem augers. Monitor wells MW-2 and MW-3 were installed on August 28, 2009 using a track-mounted rig capable of drilling with the mast down in order to access the building's interior.

Each well consisted of a 15 foot section of 0.010-inch slotted, 2-inch diameter PVC well screen and the appropriate length of casing, terminating at the ground surface. Number two filter sand was emplaced around the well screen beginning at the bottom of each borehole and terminating two feet above the screened interval. A two-foot thick hydrated bentonite seal was placed above the top of the sand interval. Neat cement grout was then applied using the tremie method from the top of the bentonite seal to approximately one foot BGS at each location. The top of well casings at monitor wells MW-1 and MW-4 through MW-7 were finished with stick-up covers and monitor wells MW-2 and MW-3 were finished flush with the ground surface and are completed with manholes with removable steel covers and locking well caps. Monitor well boring logs and well construction records are included in Appendix B. See Table 2 for well construction data. Soil cuttings generated from monitor well installation were placed in 55-gallon drums, properly labeled, and stored inside the manufacturing building.

2.2.1 Groundwater Sampling

The monitoring wells were developed on September 15, 2009, more than two weeks after there installation. The wells were developed using bailers and a submersible stainless steel pump with dedicated polyethylene tubing as a means of removing fines from the well and to aid in surging the well screen. Bailers were initially used to remove sediments from each well. Once visual observations indicated a reduction in sediments, the submersible pump was used in conjunction with a Horiba U-22 and flow cell to collect field measurements. Measurements for pH, specific conductance, temperature, and turbidity were

periodically taken until at least three consecutive measurements showed stabilization of temperature, specific conductance, pH, and turbidity. Reusable equipment that was in contact with groundwater at each well location (stainless steel submersible pump (and cord) and water level indicator) was decontaminated according to the following procedure:

- Wash and brush equipment with a mild solution of phosphate free detergent;
- Rinse with tap water;
- Rinse thoroughly with analyte-free water;
- Rinse thoroughly with isopropanol; and
- Rinse thoroughly with organic/analyte-free water

Well development forms are provided in Appendix C. Groundwater generated from monitor well development was placed in a 55-gallon drum, properly labeled, and stored inside the manufacturing building.

Upon the completion of monitor well development activities, ERM allowed two weeks to pass before well sampling commenced. ERM returned to the site on September 30, 2009 and used a submersible stainless steel pump with dedicated polyethylene tubing as a means of purging groundwater from each well at low, sustained rate. Measurements for pH, specific conductance, temperature, and turbidity were periodically taken until at least three consecutive measurements show temperature and specific conductance within 10%, pH within 0.2 units, and turbidity below 10 Nephelometric Turbidity Units (NTU). Well purging forms are provided in Appendix C. Equipment decontamination procedures between each well were followed as described above. An equipment rinse sample (EB-1) was collected after monitor well MW-5 was sampled and equipment was decontaminated to ensure the procedures were effectively decontaminating equipment. Groundwater generated from monitor well sampling was placed in a 55-gallon drum, properly labeled, and stored inside the manufacturing building.

Upon the completion of purging activities, a representative groundwater sample from each monitoring well, as well as a duplicate sample from monitor well MW-5, was collected directly from the polyethylene tubing for each monitoring well and placed into laboratory-supplied sample containers for analysis by the following:

- VOCs by EPA Method 8260B;
- 1,2-Dibromo-3-chloropropane (DBCP) and 1,2-Dibromoethane (EDB); using EPA Method 8011; and
- Target analytes list (TAL) metals (aluminum, antimony, arsenic, barium, beryllium, cadmium, calcium, chromium, cobalt, iron, lead, magnesium, manganese, mercury, nickel, potassium, selenium, silver, sodium, thallium, vanadium & zinc) by EPA Methods 6020A and 7470A (for mercury).

Groundwater samples collected for VOC analysis were transferred into laboratory-prepared 40 ml vials containing hydrochloric acid (HCL) as a preservative. Samples collected for TAL metals were transferred into laboratory-prepared 250 ml plastic bottles containing nitric acid (HNO_3) as a preservative. Samples collected for metals were not filtered prior to analysis. Upon filling each container, they were be labeled with the site name, analyses requested, sampler's initials, date of collection, and time of collection. This information was transferred to a COC to ensure proper tracking and analysis of the sample. Groundwater samples were placed on ice immediately after collection and maintained under proper COC control throughout the handling process. Groundwater sample analytical results are discussion in Section 4.4 and summarized in Table 4.

3.0 ENVIRONMENTAL SETTING

3.1 TOPOGRAPHY

The subject property is located at an elevation of approximately 540 feet above mean sea level (msl) and is situated on a topographic high point that slopes, southeast, south, and southwest from the area of the manufacturing plant building. A review of the USGS Lancaster, South Carolina topographic map indicates that there are two drainage features near the subject property. One feature is located approximately 500 feet southeast of the eastern property boundary and the second is located approximately 1,100 feet west of the western property boundary. Both drainage features discharge into Cane Creek, which is located approximately one mile south-southeast of the subject property.

3.2 SITE-SPECIFIC GEOLOGY

The Lancaster area, including the subject site, is located near the Western Piedmont Physiographic Province of South Carolina. According to the Geologic Map of South Carolina (1997) and *The Geology of the Carolinas, Horton and Zullo, 1991*, the Lancaster area is located within the Charlotte Belt and is specifically underlain by mica gneiss.

According to the US Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey (http://websoilsurvey.nrcs.usda.gov/app/), the subject property is underlain by Georgeville silt and silty clay loam. Georgeville soils are well drained, have moderate infiltration rates, and do not meet the requirements for hydric soil.

Soils encountered during drilling activities consisted of light brown to orangish-brown, fine-grained, sandy silt from near the surface grade to approximately 55 feet BGS. Bedrock was not encountered during drilling activities.

3.3 SITE-SPECIFIC HYDROGEOLOGY

Groundwater was encountered between approximately 42 and 47 feet BGS across the subject property. As mentioned in Section 3.2, bedrock was not encountered during drilling activities; therefore groundwater monitor wells were installed into unconsolidated sediments. Based on observations made during well installation and water level measurements, the shallow aquifer appears to be unconfined.

Monitoring well locations and top of casing (TOC) elevations were surveyed by Site Design, Inc., a South Carolina licensed surveyor (NO. C00122) with reference to the property boundary and improvements (see Appendix D for survey map). The depths to water below top of casings (BTOC) for monitor wells MW-1 and MW-7 were measured to determine groundwater elevations at each well. These data were then used to determine groundwater flow direction and gradient. A groundwater flow direction map is presented as Figure 5 and the measured groundwater elevations are presented in Table 3. Based on the groundwater elevations, groundwater flow is to the south-southeast, towards Cane Creek with a hydraulic gradient of 0.009 feet per foot.

4.0 FIELD SCREENING AND LABORATORY ANALYTICAL RESULTS

Soil and groundwater samples collected during the Phase II Assessment were submitted to Shealy Laboratories in West Columbia, South Carolina for laboratory analyses. The analytical results are presented in the sections below.

4.1 EVALUATION CRITERIA

The soil analytical results were compared to the U.S. Environmental Protection Agency (EPA) Screening Level - Regional Screening Levels for Chemical Contaminants at Superfund Sites, dated September 12, 2008. Three EPA Screening Levels were compared for soil results, they included Protection of Groundwater (risk-based), Residential, and Industrial.

Groundwater analytical results were also compared to standards set forth by the EPA Regional Screening Levels. Two Screening Levels compared for groundwater results included Tap water and MCL (maximum contaminant level).

4.2 SOIL FIELD SCREENING

Soil samples were field-screened with a PID to evaluate the qualitative presence of organic vapors. Soil samples exhibited PID readings the ranged from no detection to 40 ppm. The highest reading was exhibited in soil boring GP-2 at the 16-20 foot BGS interval. Soil boring GP-2 was installed inside the former metal plating room. PID readings are presented on soil boring logs included in Appendix A.

4.3 SOIL ANALYSES AND RESULTS

A summary of the analytical results is provided below and is presented in Table 1. The complete laboratory analytical report is included in Appendix E.

TCE was detected in the following soil borings at concentrations exceeding the Protection of Groundwater Screening Level of 0.00061 mg/kg: GP-3 (plating room area) in the 36-40 feet BGS interval at 0.043 mg/kg; GP-6 (TCE AST area) in the 36-38 feet BGS interval at 0.017 mg/kg; GP-9 (wastewater lagoon area) in the 10-12 feet BGS interval at

0.2 mg/kg, 26-28 feet BGS interval at 0.039 mg/kg, and 38-40 feet BGS interval at 0.32 mg/kg; and GP-10 (hazardous waste storage area) at the 6-8 feet BGS interval at 0.0067 mg/kg. It should be noted that the highest concentration of TCE was reported from a sample collected near the water table.

Tetrachloroethylene (PCE) was detected in the GP-9 boring interval of 38-40 feet BGS at 0.018 mg/kg, which exceeds the Protection of Groundwater level of 0.000052 mg/kg.

Additional target compounds detected in soil samples included cis-1,2-dichloroethene (DCE) and total xylenes at concentrations below EPA Screening Levels. Priority pollutant metals were detected in most samples submitted for analysis. However, the reported concentrations were below EPA Screening Levels. SVOCs were not detected by the laboratory analyses.

4.4 GROUNDWATER ANALYSES AND RESULTS

A summary of the groundwater analytical results is provided below and is also presented in Table 4. The complete laboratory report is included in Appendix F.

TCE was detected in the following monitoring wells at concentrations exceeding the MCL Screening Level of 5 µg/L: MW-2 (38 µg/L), MW-3 (2,700 µg/L), MW-6 (7.7 µg/L), and MW-7 (220 µg/L). The highest concentration was detected in MW-3, which is located adjacent to the former metal plating operation. Figure 6 presents TCE concentrations in relation to monitor wells and site features.

PCE was also detected above the MCL of 5.0 µg/L in monitor wells MW-3 (39 µg/L) and MW-7 (6.6 µg/L). No other detected compounds exceeded MCL in groundwater samples. TAL metals were detected in most samples submitted for analysis; however, reported concentrations were below EPA Screening Levels.

5.0 CONCLUSIONS

Based on soil and groundwater analytical results, it appears that the subsurface has been impacted by VOCs, with TCE being the most prevalent compound. TCE was detected in soil samples from borings GP-3, GP-6, GP-9 at the deeper intervals rather than near the surface around suspected sources. This suggests that the presence of TCE in these samples is likely the result of water table fluctuation or capillary fringe transport and that the actual source has not been identified. The sample from monitoring well MW-3, located adjacent to the former metal plating operation (northwestern portion of building) contained TCE at a concentration of 2,700 µg/L indicating that the source of VOC impacts is likely near this location.

The direction of groundwater flow determined from ground water flow gradients appears to correlate with concentrations of TCE in detected in groundwater, indicating that the TCE plume is migrating from the former plating area to the south-southeast portion of the subject property. The horizontal and vertical extent of TCE affected groundwater has not been adequately delineated. In that the density of TCE is greater than water, it is important to install deeper wells to evaluate its vertical distribution. ERM recommends conducting additional investigations to determine the horizontal and vertical extent of TCE impacts at the subject property and to try to better understand the source of the impacts. In addition, ERM recommends conducting a receptor survey in order to determine if potable water wells are present downgradient from the property.

Tables

TABLE 1
SOIL ANALYTICAL RESULTS
JOSLYN CLARK FACILITY
LANCASTER, SOUTH CAROLINA

					VOCs by EPA Method 8260B (mg/kg)				SVOCs by EPA Method 8270C (mg/kg)	Metals by EPA 6010C (mg/kg)										
Sample ID	**Date**	**Potential Source Area**	**Total Depth of Boring (ft)**	**Sample Collection Depth (ft)**	cis-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Total Xylenes	All Compounds	Arsenic	Antimony	Beryllium	Cadmium	Chromium (Total)	Copper	Lead	Nickel	Silver	Thallium	Zinc
GP-1	4/7/2009	Plating Area	39	0-4	ND	ND	ND	ND	ND	ND	0.62	0.43	0.28	76	120	7.2	ND	8.8	ND	200
				16-20	0.086	ND	ND	ND	ND	ND	ND	0.60	0.33	1.1	3.6	3.0	ND	ND	ND	36
				35-39	ND	ND	ND	ND	ND	ND	ND	1.3	0.36	6.7	19	2.0	ND	0.48	ND	35
GP-2	4/7/2009	Plating Area	35	0-4	ND	ND	ND	ND	ND	ND	ND	0.64	0.97	49	24	4.3	2.4	0.96	ND	170
				16-20	ND	ND	ND	0.0074	ND	0.95	ND	0.76	0.33	160	16	1.1	4.3	3.2	ND	21
				32-35	ND	ND	ND	ND	ND	ND	ND	1.0	0.47	14	3.6	2.8	4.5	0.34	ND	27
GP-3	4/7/2009	Plating Area	40	4-8	ND	ND	ND	ND	ND	ND	ND	0.88	0.23	1.4	0.7	7.0	ND	ND	ND	27
				12-16	ND	ND	ND	ND	ND	ND	ND	0.79	0.29	1.6	ND	6.0	ND	ND	ND	22
				36-40	ND	ND	0.043	ND	ND	0.72	ND	1.6	0.43	0.65	ND	24	ND	ND	ND	34
GP-4	4/8/2009	Plating Area	40	8-10	ND	ND	ND	ND	ND	ND	ND	0.37	0.11	33	2.8	2.8	ND	0.6	ND	13
				24-26	ND	ND	ND	ND	ND	0.65	ND	0.39	ND	1.6	0.58	0.71	ND	ND	ND	10
				38-40	ND	ND	ND	ND	ND	0.78	ND	0.86	0.15	3.0	2.4	2.2	ND	ND	ND	18
GP-5	4/7/2009	TCE AST Area	40	0-4	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
				24-28	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
				36-40	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-6	4/8/2009	TCE AST Area	40	4-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
				14-15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
				36-38	ND	ND	0.017	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
EPA Screening Level - Protection of Groundwater - Risk Based					0.11	0.000052	0.00061	0.23	Varies	0.0013	0.66	58	1	NE	51	NE	48	1.6	0.17	680
EPA Screening Level - Residential					780	0.57	2.8	600	Varies	0.39	31	160	70	280	3,100	400	1,600	390	5.1	23,000
EPA Screening Level - Industrial					10,000	2.7	14	2600	Varies	1.6	410	2,000	810	1400	41,000	800	20,000	5,100	66	310,000

TABLE 1
SOIL ANALYTICAL RESULTS
JOSLYN CLARK FACILITY
LANCASTER, SOUTH CAROLINA

					VOCs by EPA Method 8260B (mg/kg)				SVOCs by EPA Method 8270C (mg/kg)	Metals by EPA 6010C (mg/kg)									
Sample ID	**Date**	**Potential Source Area**	**Total Depth of Boring (ft)**	**Sample Collection Depth (ft)**	cis-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Total Xylenes	All Compounds	Arsenic	Antimony	Beryllium	Cadmium	Chromium (Total)	Copper	Lead	Nickel	Silver	Thallium	Zinc
GP-7	4/8/2009	Wastewater Discharge Line	8	6-8	ND	ND	ND	ND	ND	ND	ND	0.59	0.5	4.4	3.7	8.8	5.2	0.53	ND	19
GP-8	4/8/2009	Wastewater Discharge Line	8	6-8	ND	ND	ND	ND	ND	1.2	ND	1.5	ND	110	56	36	39	3.4	ND	30
GP-9	4/8/2009	Wastewater Lagoon Area	47	10-12	10	ND	0.2	ND	ND	1.5	ND	1.9	1.1	170	59	14	48	2.4	ND	32
				26-28	ND	ND	0.039	ND	ND	2.2	ND	0.35	ND	0.7	0.83	ND	ND	ND	ND	ND
				38-40	0.0086	0.018	0.32	ND	ND	ND	ND	0.84	0.40	1.7	6.2	6.6	6.4	ND	ND	80
GP-10	4/8/2009	Hazardous Waste Storage Area	12	6-8	ND	ND	0.0067	ND	ND	1.6	ND	0.39	ND	16	17	16	4.1	1.1	ND	21
GP-11	4/8/2009	Plating / Wastewater Treatment Area	40	4-6	ND	ND	ND	0.097	ND	0.71	ND	0.95	0.47	28	11	15	11	0.4	3.3	29
				18-20	ND	ND	ND	ND	ND	ND	ND	0.66	0.14	6	3.3	6.3	2.2	ND	ND	29
				38-40	ND	ND	ND	ND	ND	ND	ND	0.69	ND	7.2	1.7	2.8	ND	ND	ND	19
GP-12	4/8/2009	Wastewater Treatment Area	37	8-10	ND	ND	ND	ND	ND	ND	ND	0.40	0.12	0.79	1.7	3.6	ND	0.28	ND	12
				24-26	ND	ND	ND	ND	ND	ND	ND	0.58	ND	4.3	0.58	1.3	ND	ND	ND	18
				35-37	ND	ND	ND	ND	ND	ND	ND	0.66	0.15	1.2	0.6	0.78	ND	0.29	ND	16
GP-13	4/8/2009	Paint Booth	38	8-10	ND	ND	ND	ND	ND	ND	ND	0.49	0.11	1	1.2	3.7	ND	ND	ND	21
				24-26	ND	ND	ND	ND	ND	0.67	ND	0.75	0.17	2.6	1.2	1.2	ND	ND	ND	18
				36-38	ND	ND	ND	ND	ND	ND	ND	0.78	0.22	0.45	ND	1.2	ND	ND	ND	11
BG-1	4/7/2009	Background	4	0-4	NA	NA	NA	NA	NA	4.5	ND	0.44	ND	13	8.1	13	4.4	1.2	ND	18
BG-2	4/7/2009	Background	4	0-4	NA	NA	NA	NA	NA	0.84	ND	0.54	0.19	0.8	7.5	3.9	2.6	0.39	ND	29
EPA Screening Level - Protection of Groundwater - Risk Based					0.11	0.000052	0.00061	0.23	Varies	0.0013	0.66	58	1.4	NE	51	NE	48	1.6	0.17	680
EPA Screening Level - Residential					780	0.57	2.8	600	Varies	0.39	31	160	70	280	3,100	400	1,600	390	5.1	23,000
EPA Screening Level - Industrial					10,000	2.7	14	2,600	Varies	1.6	410	2,000	810	1400	41,000	800	20,000	5,100	66	310,000

Notes:
mg/kg = Milograms/kilogram, or ppm
ND = Not Detected; NA=Not analyzed; NE = Not Established; N/A = Not applicable
BOLD values indicate an exceedance of a published regulatory threshold
EPA Screening Level - Regional Screening Levels for Chemical Contaminants at Superfund Sites, September 12, 2008

TABLE 2
MONITOR WELL CONSTRUCTION DATA
JOSLYN CLARK FACILITY
LANCASTER, SOUTH CAROLINA

Well ID	Installation Date	Drilling Method	Type Well	Well Depth (ft bls)	Land Surface Elevation (feet)	Measuring pt. Elevation-TOC (feet)	Screened Interval (ft bls)
MW-1	8/25/2009	HSA	II	55	545.07	547.31	40-55
MW-2	8/28/2009	HSA	II	55	542.65	542.44	40 - 55
MW-3	8/28/2009	HSA	II	55	542.66	542.42	40-55
MW-4	8/25/2009	HSA	II	55	538.95	541.51	40-55
MW-5	8/25/2009	HSA	II	55	538.04	540.53	40 - 55
MW-6	8/26/2009	HSA	II	55	539.87	542.31	40 - 55
MW-7	8/26/2009	HSA	II	55	539.48	541.92	40 - 55

Notes:
All measurements in feet; AR = Air Hammer; MP = Measuring Point; All wells constructed with 2-inch PVC
Groundwater depth measured from top of casing
Elevations are measured relative to assumed site benchmark (500 ft)
HSA = Hollow stem auger drilling method; TOC = Top of Casing
Ft bls = Feet below measuring point (top of PVC casing)

TABLE 3
GROUNDWATER ELEVATION DATA
JOSLYN CLARK FACILITY
LANCASTER, SOUTH CAROLINA

Well No.	Top of Casing		Well No.	Top of Casing		Well No.	Top of Casing		Well No.	Top of Casing	
MW-1	Elevation (feet)		**MW-2**	Elevation (feet)		**MW-3**	Elevation (feet)		**MW-4**	Elevation (feet)	
	547.31			542.44			542.42			541.51	
	Water	Water		Water	Water		Water	Water		Water	Water
Dates:	Depth (Ft. BGS)	Elevation (Ft. MSL)	Dates:	Depth (Ft. BGS)	Elevation (Ft. MSL)	Dates:	Depth (Ft. BGS)	Elevation (Ft. MSL)	Dates:	Depth (Ft. BGS)	Elevation (Ft. MSL)
9/30/09	44.54	502.77	9/30/09	42.47	499.97	9/30/09	44.43	497.99	9/30/09	44.56	496.95

Well No.	Top of Casing		Well No.	Top of Casing		Well No.	Top of Casing	
MW-5	Elevation (feet)		**MW-6**	Elevation (feet)		**MW-7**	Elevation (feet)	
	540.53			542.31			541.92	
	Water	Water		Water	Water		Water	Water
Dates:	Depth (Ft. BGS)	Elevation (Ft. MSL)	Dates:	Depth (Ft. BGS)	Elevation (Ft. MSL)	Dates:	Depth (Ft. BGS)	Elevation (Ft. MSL)
9/30/09	46.59	493.94	9/30/09	49.23	493.08	9/30/09	49.63	492.29

NM = Not Measured; Ft MSL = Feet above Mean Sea Level

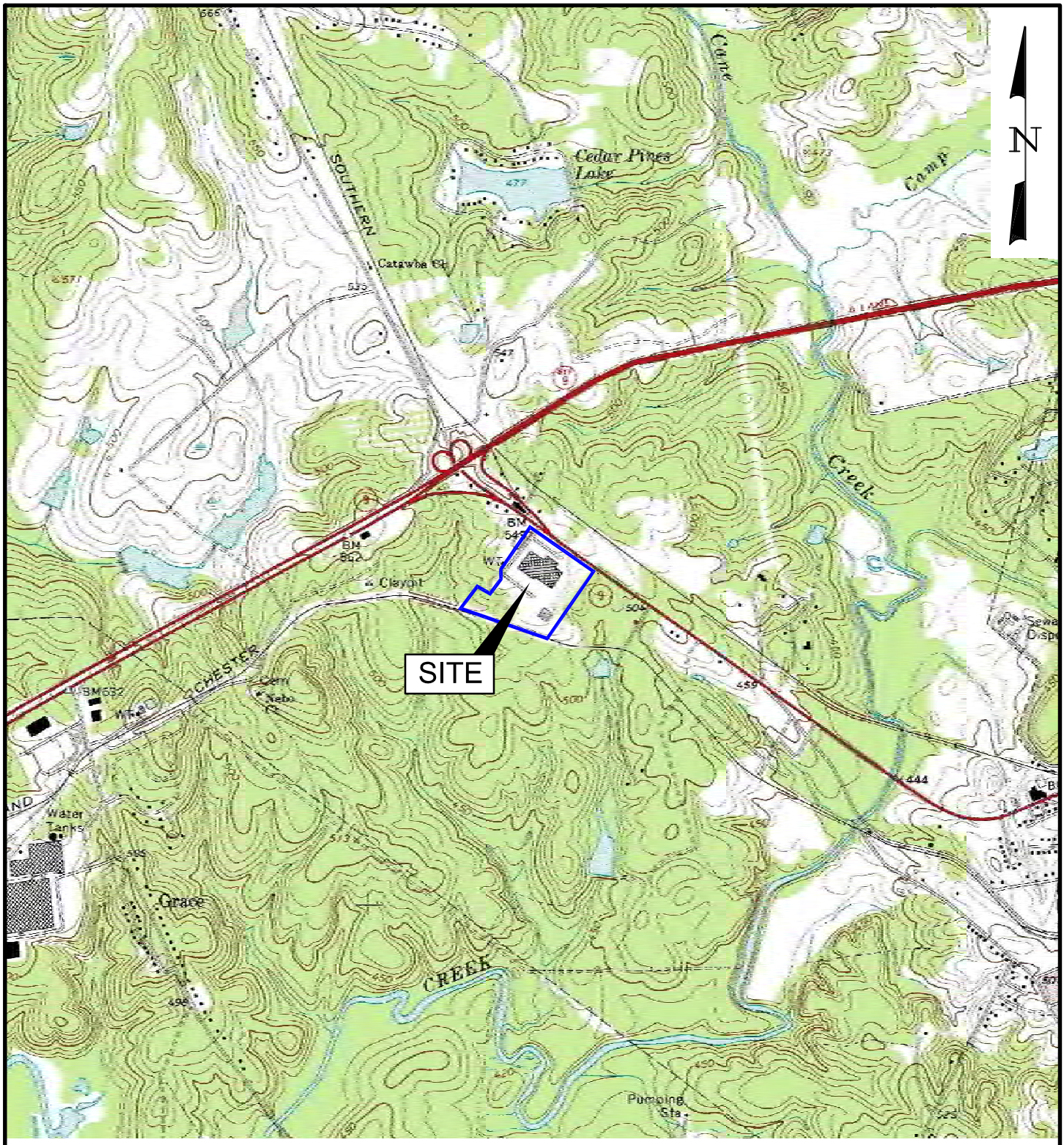
TABLE 4
GROUNDWATER ANALYTICAL RESULTS
JOSLYN CLARK FACILITY
LANCASTER, SOUTH CAROLINA

		Volatile Organic Compounds (VOCs)(ug/L)									Target Analytes List of Metals EPA Method 6010C (ug/L)																				Mercury (ug/L) EPA Method 7470A
		EPA Method 8260B								EPA Method 8011																					
Sample ID	Sample Date	Chloroform	Chloromethane	1,1-Dichloroethane	1,1-Dichloroethene	Tetrachloroethene	Toluene	1,1,2-Trichloroethane	Trichloroethene	1,2-Dibromo-3-chloropropane	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Silver	Selenium	Sodium	Vanadium	Zinc	Mercury
MW-1	9-30-09	ND	ND	ND	ND	ND	ND	ND	.076J	ND	230	2.0	ND	35	0.031BJ	ND	2,300	3.8J	1.2J	0.74J	290	0.40J	960	54	8.0	2,100	ND	ND	2,000	ND	4.4J	0.00010B
MW-2	9-30-09	**0.5J**	ND	ND	ND	**0.22J**	0.34J	ND	**38**	ND	660	0.54J	ND	25	0.029J	ND	1,800	8.0	1.1J	1.7	690	0.46BJ	660	77	8.3	1,900	ND	ND	8,800	1.7J	6.7J	0.00011B
MW-3	9-30-09	ND	ND	**23**	**18**	**39**	ND	**4.6J**	**2,700**	0.011JP	930	0.28J	0.39J	23	0.04BJ	ND	3,200	8.3	0.88J	1.5	1,100	0.52J	830	120	7.5	1,900	ND	ND	11,000	3.2J	8.4J	0.000064BJ
MW-4	9-30-09	ND	ND	ND	ND	ND	ND	ND	0.62J	ND	880	ND	ND	35	0.054BJ	ND	1,800	2.1J	1.3J	0.69J	630	0.54BJ	650	89	4.2J	2,100	NA	ND	4,800	2.1J	12	0.000078BJ
MW-5	10-1-09	ND	ND	ND	ND	ND	ND	ND	ND	ND	560	ND	ND	170	0.26BJ	0.11	8,500	ND	1.2J	1.0	540	0.24BJ	2,200	140	3.3J	2,200	0.029J	0.32J	7,400	1.5J	19	ND
MW-6	10-1-09	ND	0.52J	ND	ND	ND	ND	ND	**7.7**	ND	650	ND	ND	61	0.05BJ	ND	6,400	18	1.3J	2.4	1,000	0.33BJ	2,400	68	14	2,600	0.019J	ND	5,600	3.4J	12	ND
MW-7	10-1-09	0.62J	0.37J	0.24J	ND	**6.6**	ND	ND	**220**	ND	6,800	0.34J	ND	190	0.79B	0.067J	5,100	3.1J	2.2J	3.6	8,700	5.9B	3,300	560	4.1J	4,800	ND	ND	9,200	14	63	0.00017B
EPA Screening Level - Tapwater		0.19	1.8	2.4	340	0.11	2,300	0.24	1.7	0.00032	37,000	15	NE	7,300	73	18	NE	1,400	11	1,500	26,000	NE	NE	880	7,300	NE	180	180	NE	260	11,000	0.63
EPA Screening Level - MCL		NE	NE	NE	7.0	5.0	1,000	5.0	5.0	0.2	NE	6.0	NE	2,000	4.0	5.0	NE	NE	NE	1,300	NE	15	NE	NE	NE	NE	NE	50	NE	NE	NE	2.0

Notes:

BOLD *and shaded* values indicate an exceedence of EPA Screening Levels
ug/l = Micrograms/liter
B = Detected in Method blank
J = Less than pratical quantification level but equal to or greater than minimum detection limit
EPA = Environmental Protection Agency
MCL = Maximum Contaminant Level
ND = Not Detected; NA=Not analyzed; NE = Not Established; N/A = Not applicable

Figures



SOURCE: U.S.G.S. 7.5 MINUTE QUADRANGLE LANCASTER, SOUTH CAROLINA, 1969.

APPROXIMATE PROPERTY BOUNDARY

0 2000 4000

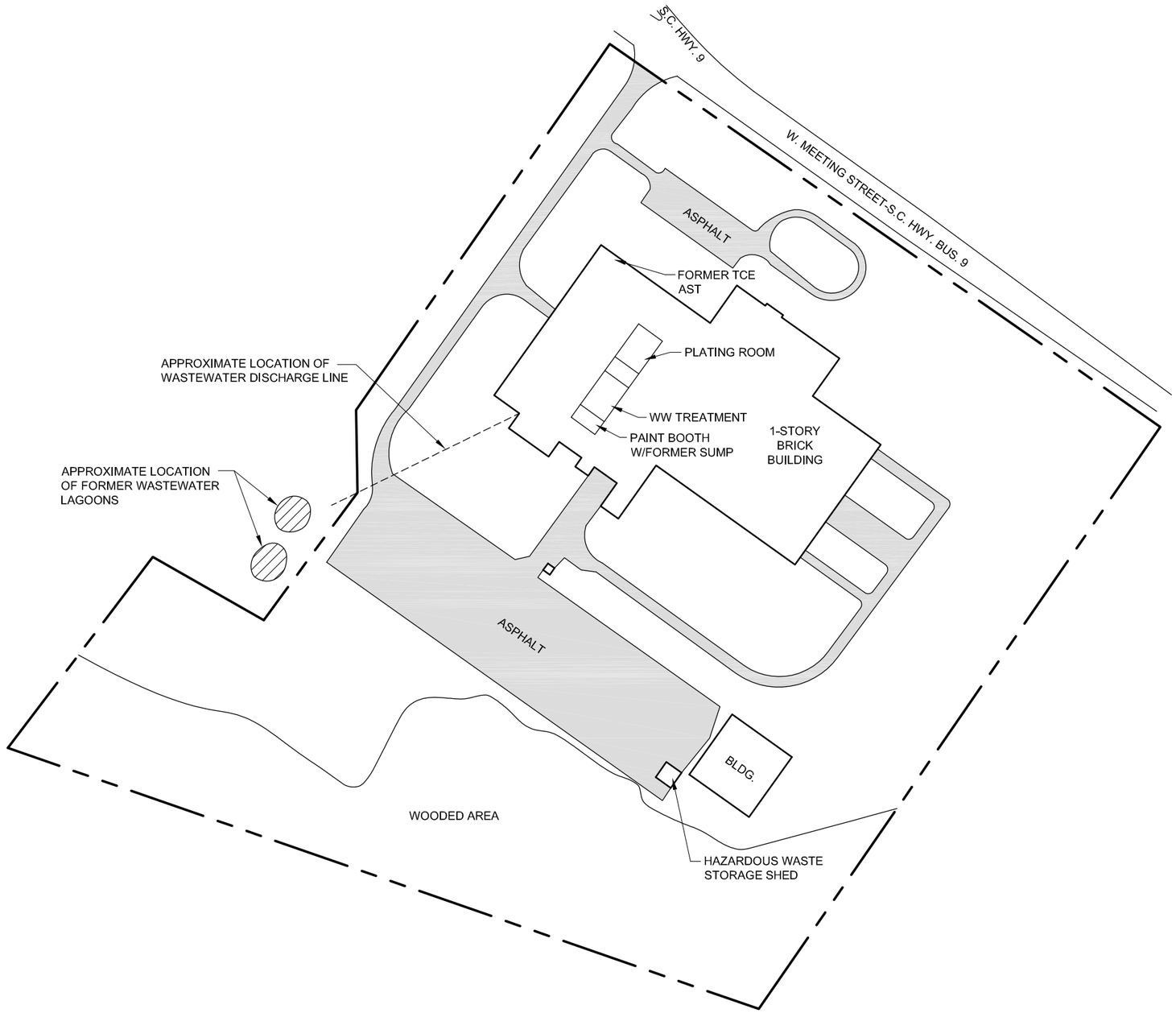
SCALE FEET

ERM NC, PC

DESIGN: MP	DRAWN: CAK	CHKD.:
DATE: 10/19/09	SCALE: AS SHOWN	REV.:
W.O. NO.: 0103646a201 J09		

FIGURE 1
SITE LOCATION MAP
2013 W. Meeting Street
Lancaster, South Carolina

ERM



N

LEGEND

APPROXIMATE PROPERTY BOUNDARY

0 200 400

SCALE FEET

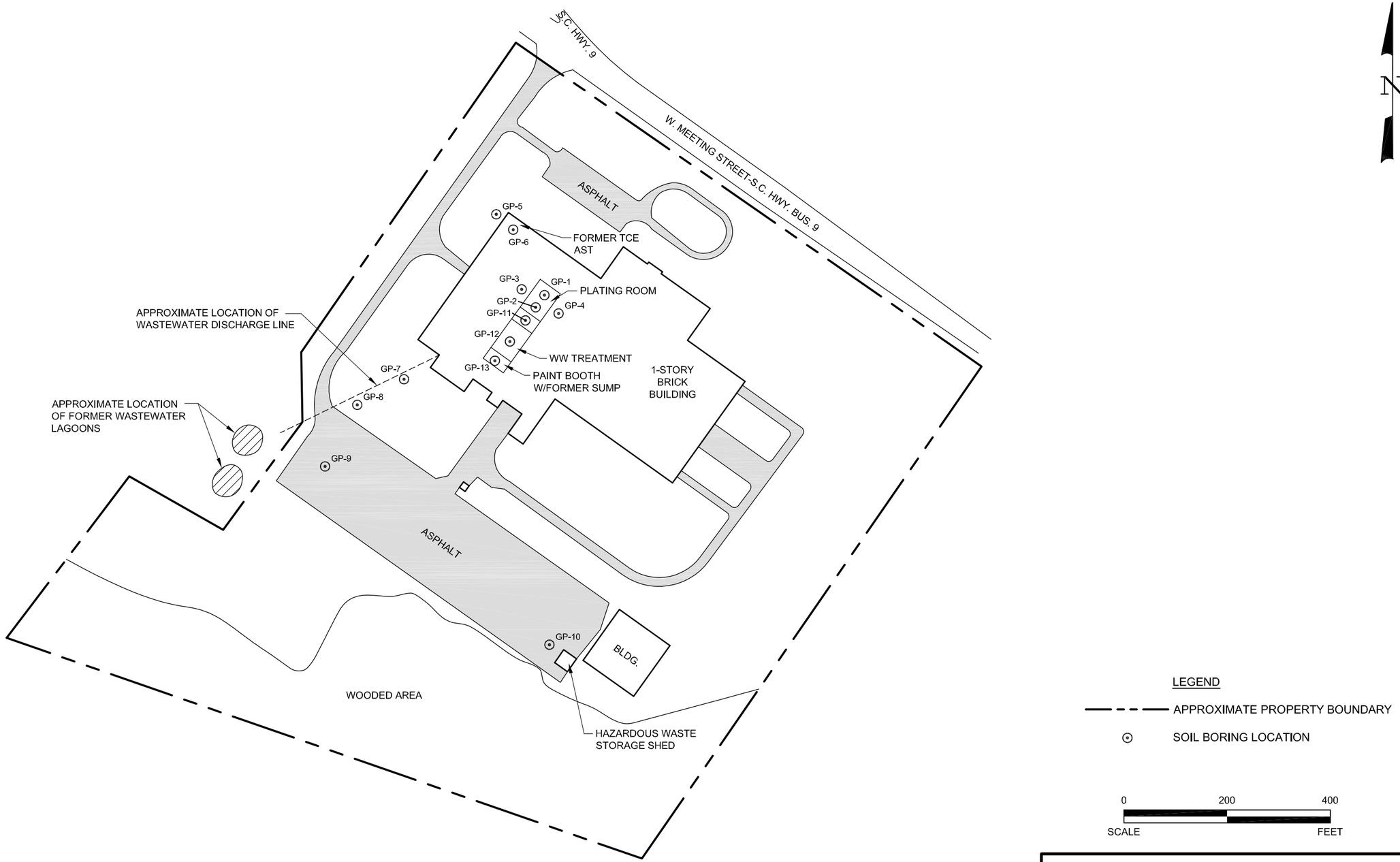
ERM NC, PC

FIGURE 2
SITE PLAN MAP
2013 W. Meeting Street
Lancaster, South Carolina

DESIGN: MP	DRAWN: CAK	CHKD.:
DATE: 10/30/09	SCALE: AS SHOWN	REV.:

W.O.NO.: H:\DWG\J09\0103646a207.dwg

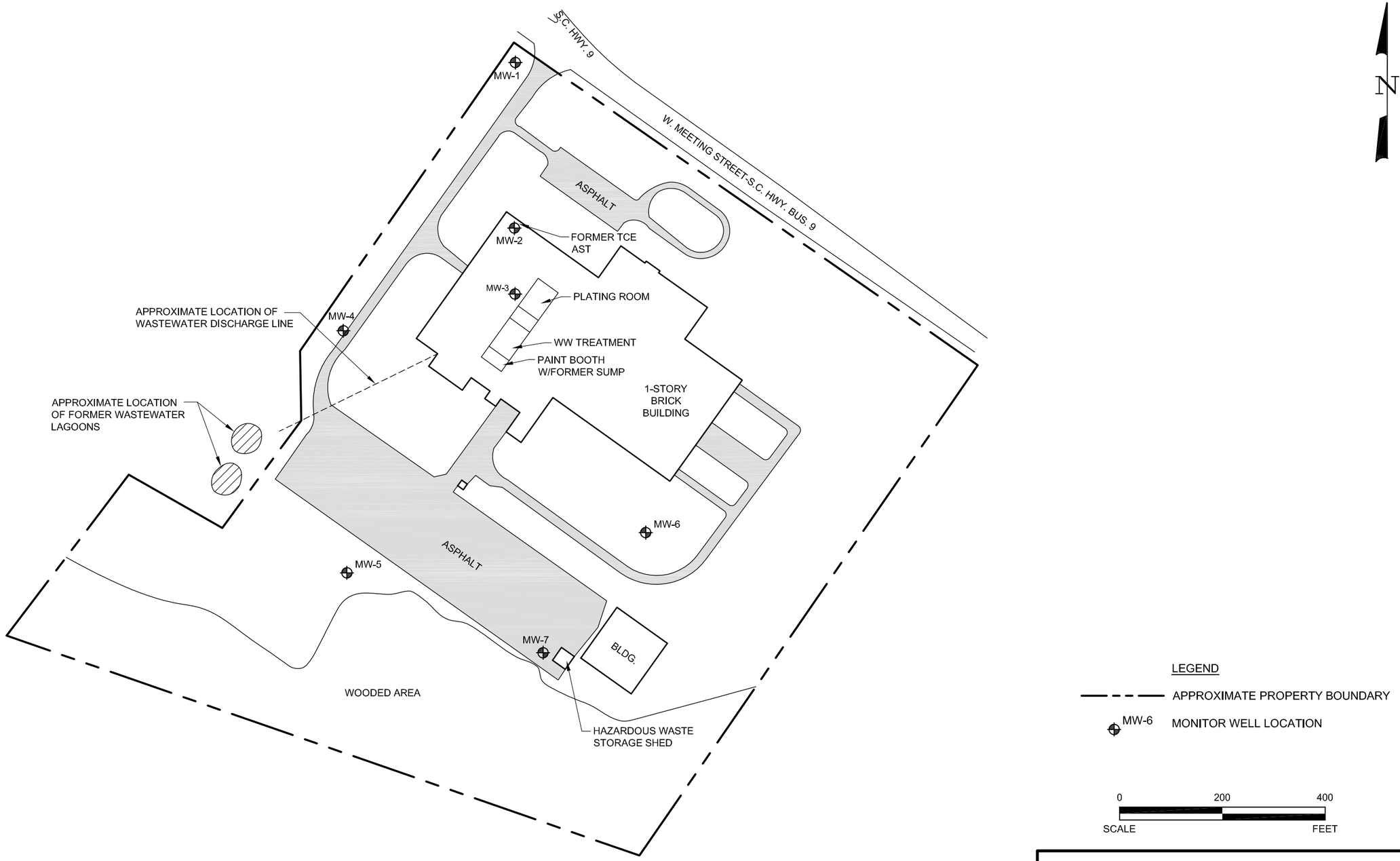
ERM



ERM NC, PC

FIGURE 3
SOIL BORING LOCATIONS MAP
2013 W. Meeting Street
Lancaster, South Carolina

DESIGN: MP	DRAWN: CAK	CHKD.:
DATE: 10/30/09	SCALE: AS SHOWN	REV.:
W.O.NO.: H:\DWG\J09\0103646a202.dwg		

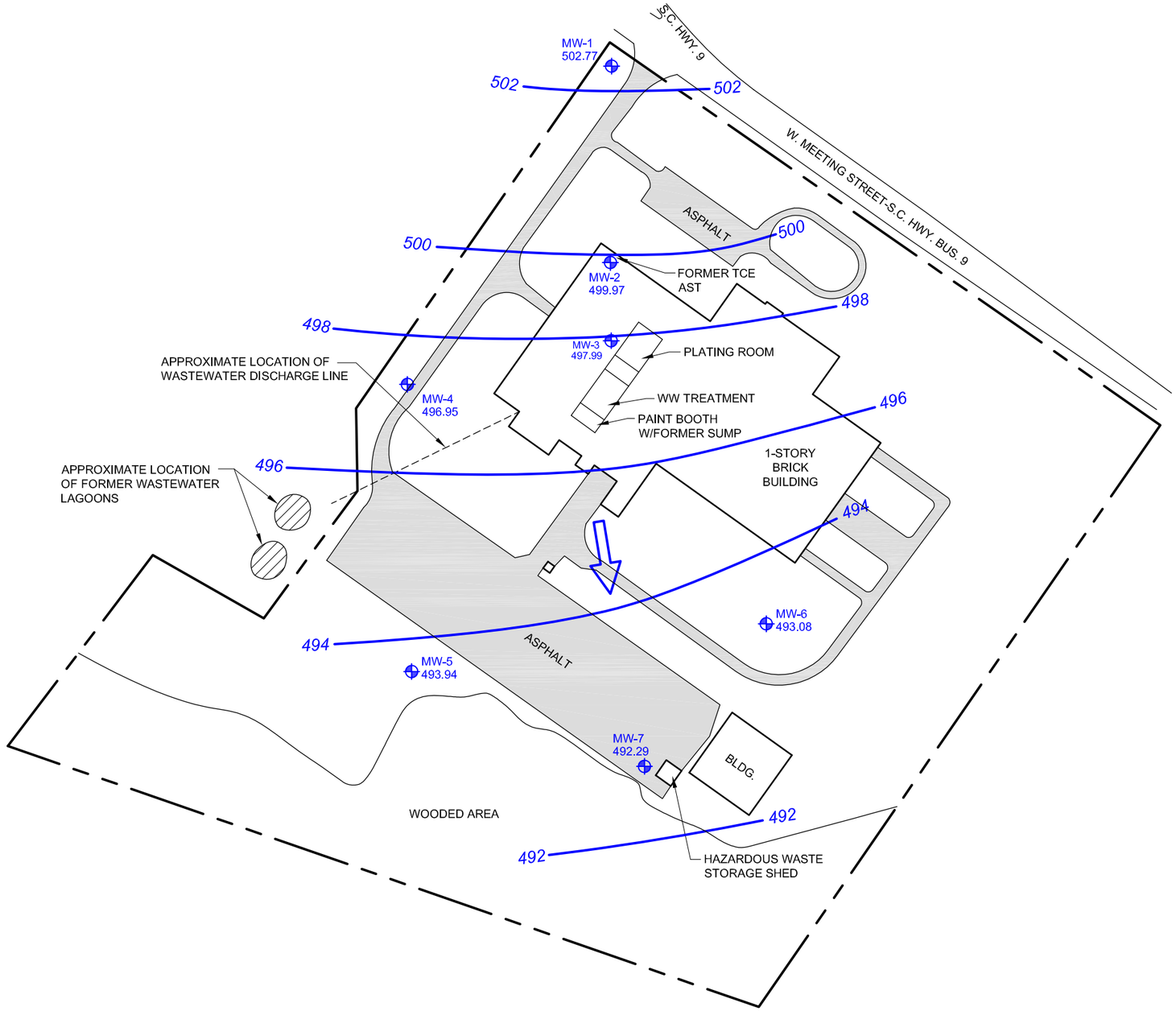


ERM NC, PC

FIGURE 4
MONITOR WELL LOCATIONS MAP
2013 W. Meeting Street
Lancaster, South Carolina

DESIGN: MP	DRAWN: CAK	CHKD.:
DATE: 10/30/09	SCALE: AS SHOWN	REV.:
W.O.NO.: H:\DWG\J09\0103646a204.dwg		

ERM



LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- MW-6 — MONITOR WELL LOCATION
- 493.08 — GROUNDWATER ELEVATION
- 500 — GROUNDWATER ELEVATION CONTOUR
- GROUNDWATER FLOW DIRECTION

0 200 400

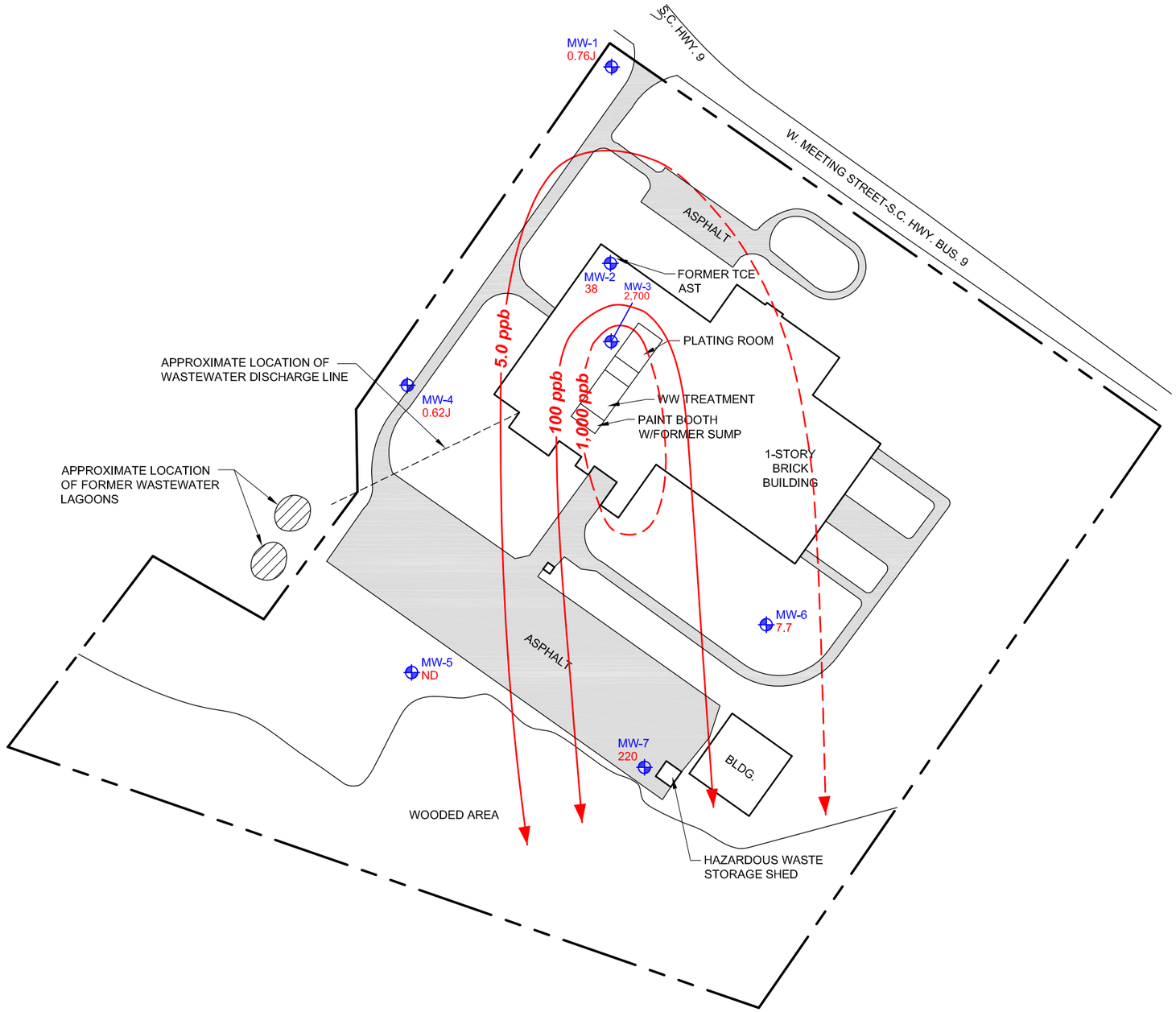
SCALE FEET

ERM NC, PC

FIGURE 5
GROUNDWATER FLOW DIRECTION MAP
2013 W. Meeting Street
Lancaster, South Carolina

DESIGN: MP	DRAWN: CAK	CHKD.:
DATE: 10/30/09	SCALE: AS SHOWN	REV.:

W.O.NO.: H:\DWG\J09\0103646a203.dwg



N

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- MW-6 7.7 — MONITOR WELL LOCATION WITH TCE CONCENTRATION
- ND — NOT DETECTED
- ESTIMATED EXTENT OF TCE PLUME

NOTES:

1. UNITS ARE IN PARTS PER BILLION (ppb).
2. "J" = LESS THAN PRACTICAL QUANTIFICATION LEVEL BUT GREATER THAN/EQUAL TO MINIMUM DETECTION LIMIT.

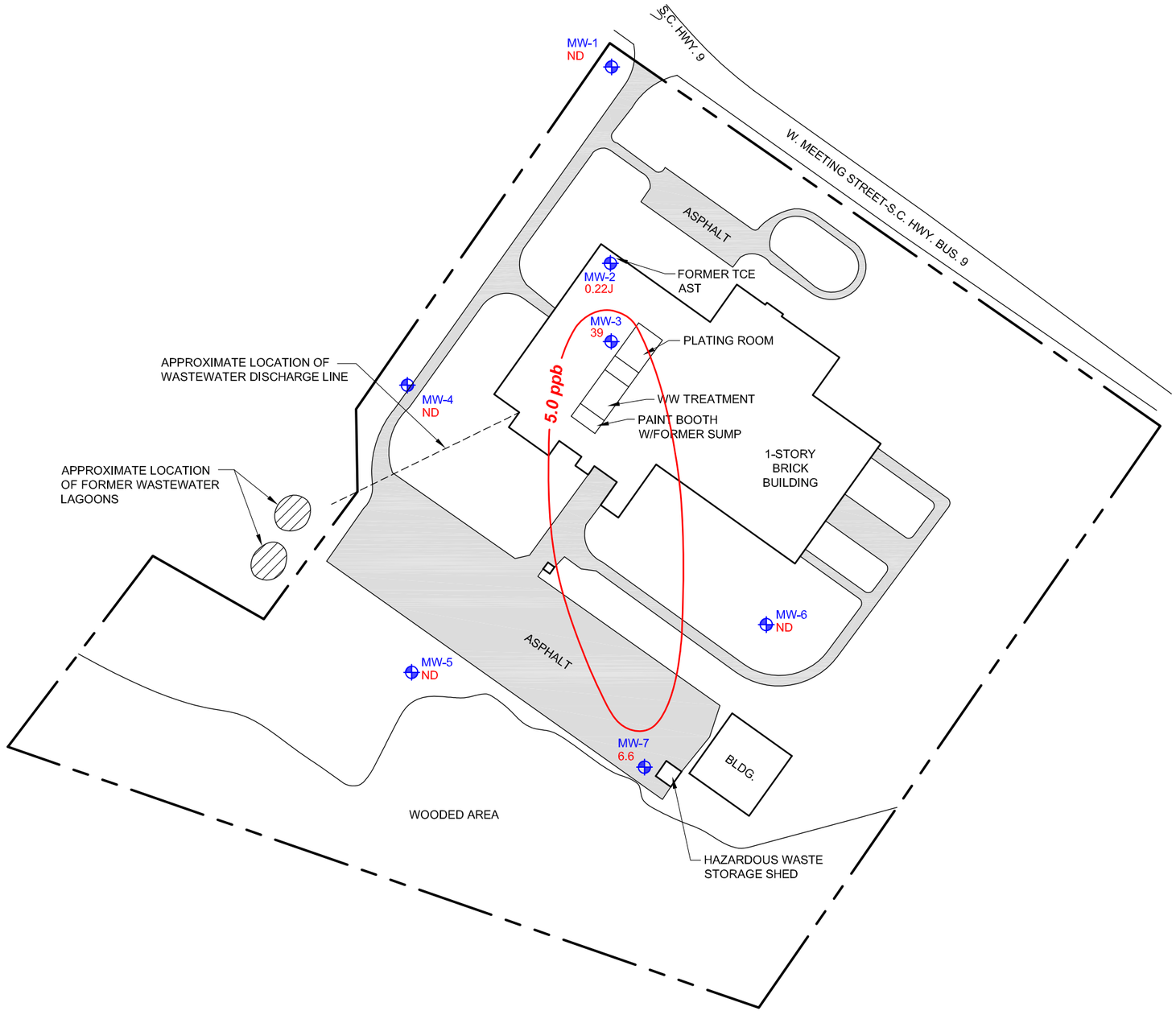
0 200 400
SCALE FEET

ERM NC, PC

FIGURE 6
TRICHLOROETHYLENE (TCE) CONCENTRATIONS MAP
2013 W. Meeting Street
Lancaster, South Carolina

DESIGN: MP	DRAWN: CAK	CHKD.:
DATE: 10/30/09	SCALE: AS SHOWN	REV.:
W.O.NO.: H:\DWG\J09\0103646a204.dwg		

ERM



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LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- MW-7 6.6 — MONITOR WELL LOCATION WITH PCE CONCENTRATION
- ND — NOT DETECTED
- ESTIMATED EXTENT OF PCE PLUME

NOTES:

1. UNITS ARE IN PARTS PER BILLION (ppb).

2. "J" = LESS THAN PRACTICAL QUANTIFICATION LEVEL BUT GREATER THAN/EQUAL TO MINIMUM DETECTION LIMIT.

0 200 400

SCALE FEET

ERM NC, PC

FIGURE 7
TETRACHLOROETHYLENE (PCE)
CONCENTRATIONS MAP
2013 W. Meeting Street
Lancaster, South Carolina

DESIGN: MP	DRAWN: CAK	CHKD.:
DATE: 12/02/09	SCALE: AS SHOWN	REV.:
W.O.NO.: H:\DWG\L09\0103646a208.dwg		

ERM

Appendix A
Soil Boring Logs

FIELD LOG OF BORING

ERM

BORING NUMBER GP-1

SHEET 1 OF 1

PROJECT NAME	PROJECT NUMBER	LOCATION	ELEVATION AND DATUM
Joslyn Clark Controls, Inc.	99202	Lancaster, SC	

DRILLING COMPANY	DRILLER	START DATE/TIME	COMPLETION DATE/TIME
SAEDACCO	Randy Hoffman	4/7/2009	4/7/2009

DRILLING EQUIPMENT	DRILLING METHOD	COMPLETION DEPTH	TOTAL NO. OF SAMPLES
Geoprobe 54DT	Direct Push	39	3

SIZE AND TYPE OF BIT	HOLE DIAMETER	NO. OF SAMPLES	BULK	SS	DRIVE	PITCHER
	2.25 inches					

DRILLING FLUID	DRILLING ANGLE	WATER LEVEL	FIRST	AFTER _____ HOURS
None	0 degrees		NA	N/A

SAMPLE HAMMER TYPE DPT DRIVING WT. DROP	GEOLOGIST/DATE	CHECKED BY/DATE
	T. Fisher	

LITHOLOGY	DEPTH (feet)	SAMPLES	RECOVERY %	BLOW COUNT	DESCRIPTION	USCS SYMBOL	ESTIMATED PERCENT OF GR	SA	FI	PID READINGS	COMMENTS/ LAB SAMPLE IDENTIFICATIONS
				N/A	0 - 0.5 ft Concrete & gravel	NA	0	0	0		Hand auger to 4' bgs
	4		100		0.5 - 4 ft Light orange SILT, dry	ML	0	20	80	4.2	0-4' Collected for lab
					4 - 39 ft Light tan SILT, dry	ML	0	20	80	2.8	
	8		100								
										6.8	
	12		100								
										7	
	16		100								
										18.8	16-20' Collected for lab
	20		100								
					Same as above					8.9	
	24		100								
										10.1	
	28		100								
										10	
	32		100								
										9.3	
	36		100								
	40		100		Boring terminated at 39 feet due to slightly moist soils.					16.8	35-39' Collected for lab
	44										
	48										
	52										
	56										
	60										
	64										

FIELD LOG OF BORING

ERM

BORING NUMBER GP-2

SHEET 1 OF 1

PROJECT NAME: Joslyn Clark Controls, Inc.	PROJECT NUMBER: 99202	LOCATION: Lancaster, SC	ELEVATION AND DATUM		
DRILLING COMPANY: SAEDACCO	DRILLER: Randy Hoffman	START DATE/TIME: 4/7/2009	COMPLETION DATE/TIME: 4/7/2009		
DRILLING EQUIPMENT: Geoprobe 54DT	DRILLING METHOD: Direct Push	COMPLETION DEPTH: 35	TOTAL NO. OF SAMPLES: 3		
SIZE AND TYPE OF BIT	HOLE DIAMETER: 2.25 inches	NO. OF SAMPLES	BULK	SS	DRIVE / PITCHER
DRILLING FLUID: None	DRILLING ANGLE: 0 degrees	WATER LEVEL	FIRST: NA	AFTER _____ HOURS: N/A	
SAMPLE HAMMER TYPE: DPT	DRIVING WT.	DROP	GEOLOGIST/DATE: T. Fisher	CHECKED BY/DATE	

LITHOLOGY	DEPTH (feet)	SAMPLES	RECOVERY %	BLOW COUNT	DESCRIPTION	USCS SYMBOL	ESTIMATED PERCENT OF GR	SA	FI	PID READINGS	COMMENTS/ LAB SAMPLE IDENTIFICATIONS
		X		N/A	0 - 0.5 ft Concrete & gravel	NA	0	0	0		Hand auger to 4' bgs
	4	X	100		0.5 - 17 ft Light orangish brown SILT, dry	ML	0	20	80	19.5	0-4' Collected for lab
		X									
	8	X	100							14.9	
		X									
	12	X	100							29.7	
		X									
	16	X	100								
		X			17 - 26 ft Tan SILT, dry, odor noted.	ML	0	20	80	40.6	16-20' Collected for lab
	20	X	100								
		X								29	
	24	X	100								
		X									
	28	X	100		26 - 35 ft Light tan SILT, dry, odor noted.	ML	0	20	80	18	
		X									
	32	X	100							16.7	
		X									
	36	X	100		Boring terminated at 35 feet due to Geoprobe refusal.					19.2	32-35' Collected for lab
	40										
	44										
	48										
	52										
	56										
	60										
	64										

FIELD LOG OF BORING

ERM

BORING NUMBER GP-3

SHEET 1 OF 1

PROJECT NAME	PROJECT NUMBER	LOCATION	ELEVATION AND DATUM
Joslyn Clark Controls, Inc.	99202	Lancaster, SC	

DRILLING COMPANY	DRILLER	START DATE/TIME	COMPLETION DATE/TIME
SAEDACCO	Randy Hoffman	4/7/2009	4/7/2009

DRILLING EQUIPMENT	DRILLING METHOD	COMPLETION DEPTH	TOTAL NO. OF SAMPLES
Geoprobe 54DT	Direct Push	40	3

SIZE AND TYPE OF BIT	HOLE DIAMETER	NO. OF SAMPLES	BULK	SS	DRIVE	PITCHER
	2.25 inches					

DRILLING FLUID	DRILLING ANGLE	WATER LEVEL	FIRST	AFTER _____ HOURS
None	0 degrees		NA	N/A

SAMPLE HAMMER TYPE DPT DRIVING WT. DROP	GEOLOGIST/DATE	CHECKED BY/DATE
	T. Fisher	

LITHOLOGY	DEPTH (feet)	SAMPLES	RECOVERY %	BLOW COUNT	DESCRIPTION	USCS SYMBOL	ESTIMATED PERCENT OF GR	SA	FI	PID READINGS	COMMENTS/ LAB SAMPLE IDENTIFICATIONS
				N/A	0 - 0.5 ft Concrete & gravel	NA	0	0	0		Hand auger to 4' bgs
	4		100		0.5 - 8 ft Light orangish brown SILT, dry	ML	0	20	80	6.6	
	8		100							6.8	4-8' Collected for lab
					8 - 12 ft Light tan SILT, dry	ML	0	20	80		
	12		100							8.3	
					12-28 ft - Tan SILT, dry	ML	0	20	80		
	16		100							10.2	12-16' Collected for lab
					17 - 26 ft Tan SILT, dry, odor noted.	ML	0	20	80		
	20		100							9.3	
	24		100							7.1	
	28		100		28 - 40 ft Light tan and white SILT, dry, saprolite present	ML	0	20	80	7.7	
	32		100							10.3	
	36		100							9.1	
	40		100		Boring terminated at 40 feet due to slightly moist soils					11.3	36-40' Collected for lab
	44										
	48										
	52										
	56										
	60										
	64										

FIELD LOG OF BORING

ERM

BORING NUMBER GP-4

SHEET 1 OF 1

PROJECT NAME	PROJECT NUMBER	LOCATION	ELEVATION AND DATUM
Joslyn Clark Controls, Inc.	99202	Lancaster, SC	

DRILLING COMPANY	DRILLER	START DATE/TIME	COMPLETION DATE/TIME
Probe Technology	Mike Tynan	4/8/2009	4/8/2009
DRILLING EQUIPMENT	**DRILLING METHOD**	**COMPLETION DEPTH**	**TOTAL NO. OF SAMPLES**
Geoprobe 6620DT	Direct Push	40	3

SIZE AND TYPE OF BIT	HOLE DIAMETER	NO. OF SAMPLES	BULK	SS	DRIVE	PITCHER
	2.25 inches					

DRILLING FLUID	DRILLING ANGLE	WATER LEVEL	FIRST	AFTER _____ HOURS
None	0 degrees		NA	N/A

SAMPLE HAMMER TYPE DPT DRIVING WT. DROP	GEOLOGIST/DATE	CHECKED BY/DATE
	M.Pressley	

LITHOLOGY	DEPTH (feet)	SAMPLES	RECOVERY %	BLOW COUNT	DESCRIPTION	USCS SYMBOL	ESTIMATED PERCENT OF GR	SA	FI	PID READINGS	COMMENTS/ LAB SAMPLE IDENTIFICATIONS
				N/A	0 - 0.5 ft Concrete & gravel	NA	0	0	0		Hand auger to 4' bgs
	4		100		0.5 - 40 ft Tan mottled with orange SILT, dry	ML	0	20	80	0	
	8		100							1	8-10' Collected for lab
	12		100							1	
	16		100							1	
	20										
	24		100							5	24-26' Collected for lab
	28		100							0	
	32		100							0	
	36										
	40		100		Boring terminated at 40 feet due to slightly moist soils					0	38-40' Collected for lab
	44										
	48										
	52										
	56										
	60										
	64										

FIELD LOG OF BORING

ERM

BORING NUMBER GP-5

SHEET 1 OF 1

PROJECT NAME	PROJECT NUMBER	LOCATION	ELEVATION AND DATUM
Joslyn Clark Controls, Inc.	99202	Lancaster, SC	

DRILLING COMPANY	DRILLER	START DATE/TIME	COMPLETION DATE/TIME
SAEDACCO	Randy Hoffman	4/7/2009	4/7/2009
DRILLING EQUIPMENT	DRILLING METHOD	COMPLETION DEPTH	TOTAL NO. OF SAMPLES
Geoprobe 54DT	Direct Push	40	3

SIZE AND TYPE OF BIT	HOLE DIAMETER	NO. OF SAMPLES	BULK	SS	DRIVE	PITCHER
	2.25 inches					

DRILLING FLUID	DRILLING ANGLE	WATER LEVEL	FIRST	AFTER _____ HOURS
None	0 degrees		NA	N/A

SAMPLE HAMMER TYPE DPT DRIVING WT. DROP	GEOLOGIST/DATE	CHECKED BY/DATE
	T. Fisher	

LITHOLOGY	DEPTH (feet)	SAMPLES	RECOVERY %	BLOW COUNT	DESCRIPTION	USCS SYMBOL	ESTIMATED PERCENT OF GR	SA	FI	PID READINGS	COMMENTS/ LAB SAMPLE IDENTIFICATIONS
				N/A	0 - 0.25 ft Grass, rootmat, & topsoil	NA	0	0	0		Hand auger to 4' bgs
	4		100		0.25 - 8 ft Reddish orange clayey SILT with weathered	CL	0	0	100	2.0	
					manganese deposits, slightly stiff, dry						
	8		100							2.0	4-8' Collected for lab
					8 - 16 ft Light orange clayey SILT with weathered	CL	0	0	100		
	12		100		manganese seams and deposits, slightly stiff, dry					1.9	
						CL	0	0	100		
	16		100							1.7	
					16 - 18 ft Tan SILT, dry, odor noted.	ML	0	20	80		
	20		100		18 - 26 ft Reddish tan SILT, slightly dense with	ML	0	20	80	1.8	
					weathered manganese seams and deposits, dry						
	24		100							1.8	
	28		100							2.1	
					28 - 40 ft Tan SILT slightly dense with weathered	ML	0	20	80		24-28' Collected for lab
	32		100		manganese seams and deposits					1.7	
	36		100							1.6	
	40		100		Boring terminated at 40 feet due to slightly moist soils					1.3	36-40' Collected for lab
	44										
	48										
	52										
	56										
	60										
	64										

FIELD LOG OF BORING

ERM

BORING NUMBER GP-6

SHEET 1 OF 1

PROJECT NAME	PROJECT NUMBER	LOCATION	ELEVATION AND DATUM
Joslyn Clark Controls, Inc.	99202	Lancaster, SC	

DRILLING COMPANY	DRILLER	START DATE/TIME	COMPLETION DATE/TIME
Probe Technology	Mike Tynan	4/8/2009	4/8/2009

DRILLING EQUIPMENT	DRILLING METHOD	COMPLETION DEPTH	TOTAL NO. OF SAMPLES
Geoprobe 6620DT	Direct Push	40	3

SIZE AND TYPE OF BIT	HOLE DIAMETER	NO. OF SAMPLES	BULK	SS	DRIVE	PITCHER
	2.25 inches					

DRILLING FLUID	DRILLING ANGLE	WATER LEVEL	FIRST	AFTER _____ HOURS
None	0 degrees		NA	N/A

SAMPLE HAMMER TYPE DPT DRIVING WT. DROP	GEOLOGIST/DATE	CHECKED BY/DATE
	M.Pressley	

LITHOLOGY	DEPTH (feet)	SAMPLES	RECOVERY %	BLOW COUNT	DESCRIPTION	USCS SYMBOL	ESTIMATED PERCENT OF GR	SA	FI	PID READINGS	COMMENTS/ LAB SAMPLE IDENTIFICATIONS
				N/A	0 - 0.5 ft Concrete & gravel	NA	0	0	0		Hand auger to 4' bgs
	4		100		0.5 - 4 ft Orange sandy SILT, dry	SM	0	30	70	0	4-5' Collected for lab
	8		100		4 - 8 ft Orange SILT, dry	ML	0	20	80	0	
					8 - 10 ft Brown SILT, dry	ML	0	20	80	0	
	12				10 - 17 ft Tan SILT, dry	ML	0	20	80		
			100							0	
	16										14-15' Collected for lab
			100		17 - 19 ft Brown SILT with weathered manganese dep.	ML	0	20	80	0	
	20				19 - 38 ft Orange and greyish tan SILT with weathered	ML	0	20	80		
					manganese deposits						
	24		100							0	
	28		100							0	
	32										
			100							0	
	36										
											36-38' Collected for lab
			100		38 - 40 ft Orange and greyish tan clayey SILT with	CL	0	10	90	0	
	40				weathered manganese deposits						
					Boring terminated at 40 feet due to slightly moist soils						
	44										
	48										
	52										
	56										
	60										
	64										

FIELD LOG OF BORING

ERM

BORING NUMBER GP-7

SHEET 1 OF 1

PROJECT NAME: Joslyn Clark Controls, Inc.	PROJECT NUMBER: 99202	LOCATION: Lancaster, SC	ELEVATION AND DATUM:		
DRILLING COMPANY: SAEDACCO	DRILLER: Randy Hoffman	START DATE/TIME: 4/8/2009	COMPLETION DATE/TIME: 4/8/2009		
DRILLING EQUIPMENT: Geoprobe 54DT	DRILLING METHOD: Direct Push	COMPLETION DEPTH: 16	TOTAL NO. OF SAMPLES: 1		
SIZE AND TYPE OF BIT:	HOLE DIAMETER: 2.25 inches	NO. OF SAMPLES	BULK	SS	DRIVE / PITCHER
DRILLING FLUID: None	DRILLING ANGLE: 0 degrees	WATER LEVEL	FIRST: NA	AFTER _____ HOURS: N/A	
SAMPLE HAMMER TYPE: DPT	DRIVING WT.	DROP	GEOLOGIST/DATE: T. Fisher	CHECKED BY/DATE:	

LITHOLOGY	DEPTH (feet)	SAMPLES	RECOVERY %	BLOW COUNT	DESCRIPTION	USCS SYMBOL	ESTIMATED PERCENT OF GR	SA	FI	PID READINGS	COMMENTS/ LAB SAMPLE IDENTIFICATIONS
		X		N/A	0 - 0.25 ft Grass, rootmat, & topsoil	NA	0	0	0		Hand auger to 4' bgs
	4	X	100		0.25 - 8 ft Reddish orange sandy SILT, dry	SM	0	40	60	0	
	8	X	100							0	6-8' Collected for lab
	12	X								0	
	16	X			Boring terminated at 16 feet					0	
	20										
	24										
	28										
	32										
	36										
	40										
	44										
	48										
	52										
	56										
	60										
	64										

FIELD LOG OF BORING

ERM

BORING NUMBER GP-8

SHEET 1 OF 1

PROJECT NAME: Joslyn Clark Controls, Inc.	PROJECT NUMBER: 99202	LOCATION: Lancaster, SC	ELEVATION AND DATUM:		
DRILLING COMPANY: SAEDACCO	DRILLER: Randy Hoffman	START DATE/TIME: 4/8/2009	COMPLETION DATE/TIME: 4/8/2009		
DRILLING EQUIPMENT: Geoprobe 54DT	DRILLING METHOD: Direct Push	COMPLETION DEPTH: 16	TOTAL NO. OF SAMPLES: 1		
SIZE AND TYPE OF BIT:	HOLE DIAMETER: 2.25 inches	NO. OF SAMPLES	BULK	SS	DRIVE / PITCHER
DRILLING FLUID: None	DRILLING ANGLE: 0 degrees	WATER LEVEL	FIRST: NA	AFTER _____ HOURS: N/A	
SAMPLE HAMMER TYPE: DPT	DRIVING WT.	DROP	GEOLOGIST/DATE: T. Fisher	CHECKED BY/DATE:	

LITHOLOGY	DEPTH (feet)	SAMPLES	RECOVERY %	BLOW COUNT	DESCRIPTION	USCS SYMBOL	ESTIMATED PERCENT OF GR	SA	FI	PID READINGS	COMMENTS/ LAB SAMPLE IDENTIFICATIONS
				N/A	0 - 0.25 ft Grass, rootmat, & topsoil	NA	0	0	0		Hand auger to 4' bgs
	4		100		0.25 - 8 ft Reddish orange sandy SILT, dry	SM	0	40	60	0	
	8		100							0	6-8' Collected for lab
					8 - 16 ft Orangish brown sandy SILT, dry	SM	0	40	60		
	12		100							0	
	16		100		Boring terminated at 16 feet					0	
	20										
	24										
	28										
	32										
	36										
	40										
	44										
	48										
	52										
	56										
	60										
	64										

FIELD LOG OF BORING

ERM

BORING NUMBER GP-9

SHEET 1 OF 1

PROJECT NAME: Joslyn Clark Controls, Inc.	PROJECT NUMBER: 99202	LOCATION: Lancaster, SC	ELEVATION AND DATUM:
DRILLING COMPANY: SAEDACCO	DRILLER: Randy Hoffman	START DATE/TIME: 4/8/2009	COMPLETION DATE/TIME: 4/8/2009
DRILLING EQUIPMENT: Geoprobe 54DT	DRILLING METHOD: Direct Push	COMPLETION DEPTH: 40	TOTAL NO. OF SAMPLES: 3
SIZE AND TYPE OF BIT:	HOLE DIAMETER: 2.25 inches	NO. OF SAMPLES: BULK: SS: DRIVE: PITCHER:	
DRILLING FLUID: None	DRILLING ANGLE: 0 degrees	WATER LEVEL: FIRST: NA	AFTER _____ HOURS: N/A
SAMPLE HAMMER TYPE: DPT DRIVING WT.: DROP:		GEOLOGIST/DATE: T. Fisher	CHECKED BY/DATE:

LITHOLOGY	DEPTH (feet)	SAMPLES	RECOVERY %	BLOW COUNT	DESCRIPTION	USCS SYMBOL	ESTIMATED PERCENT OF GR	SA	FI	PID READINGS	COMMENTS/ LAB SAMPLE IDENTIFICATIONS
				N/A	0 - 0.5 ft Asphalt & gravel	NA	0	0	0		Hand auger to 4' bgs
			100		0.5 - 16 ft Dark brownish red sandy SILT, dry	ML	0	20	80	10	
	4										
			100							20	
	8										
			100							21	10-12' Collected for lab
	12										
			100							12	
	16				16 - 24 ft Brownish orange SILT, dry	ML	0	20	80		
			100							19	
	20										
			100							12	
	24				28 - 40 ft Light tan and white SILT, dry, saprolite present	ML	0	20	80		
			100		24 - 36 ft Tan SILT, dry	ML	0	20	80	17	26-28' Collected for lab
	28										
			100							5	
	32										
			100							27	
	36				36 - 40 ft Greenish grey and tan SILT	ML	0	20	80		
			100		Boring terminated at 40 feet due to slightly moist soils					27	38-40' Collected for lab
	40										
	44										
	48										
	52										
	56										
	60										
	64										

FIELD LOG OF BORING

ERM

BORING NUMBER GP-10

SHEET 1 OF 1

PROJECT NAME: Joslyn Clark Controls, Inc.	PROJECT NUMBER: 99202	LOCATION: Lancaster, SC	ELEVATION AND DATUM:		
DRILLING COMPANY: SAEDACCO	DRILLER: Randy Hoffman	START DATE/TIME: 4/8/2009	COMPLETION DATE/TIME: 4/8/2009		
DRILLING EQUIPMENT: Geoprobe 54DT	DRILLING METHOD: Direct Push	COMPLETION DEPTH: 12	TOTAL NO. OF SAMPLES: 1		
SIZE AND TYPE OF BIT:	HOLE DIAMETER: 2.25 inches	NO. OF SAMPLES	BULK	SS	DRIVE / PITCHER
DRILLING FLUID: None	DRILLING ANGLE: 0 degrees	WATER LEVEL	FIRST: NA	AFTER _____ HOURS: N/A	
SAMPLE HAMMER TYPE: DPT	DRIVING WT.	DROP	GEOLOGIST/DATE: T. Fisher	CHECKED BY/DATE:	

LITHOLOGY	DEPTH (feet)	SAMPLES	RECOVERY %	BLOW COUNT	DESCRIPTION	USCS SYMBOL	ESTIMATED PERCENT OF GR	SA	FI	PID READINGS	COMMENTS/ LAB SAMPLE IDENTIFICATIONS
		X		N/A	0 - 0.25 ft Grass, rootmat, & topsoil	NA	0	0	0		Hand auger to 4' bgs
	4	X	100		0.25 - 8 ft Reddish orange sandy SILT, dry	SM	0	40	60	0	
		X									
	8	X	100								6-8' Collected for lab
		X			8 - 12 ft Orange sandy SILT, dry	SM	0	40	60		
	12	X	100								
					Boring terminated at 12 feet						
	16										
	20										
	24										
	28										
	32										
	36										
	40										
	44										
	48										
	52										
	56										
	60										
	64										

FIELD LOG OF BORING

ERM

BORING NUMBER GP-11

SHEET 1 OF 1

PROJECT NAME	PROJECT NUMBER	LOCATION	ELEVATION AND DATUM
Joslyn Clark Controls, Inc.	99202	Lancaster, SC	

DRILLING COMPANY	DRILLER	START DATE/TIME	COMPLETION DATE/TIME
Probe Technology	Mike Tynan	4/8/2009	4/8/2009
DRILLING EQUIPMENT	**DRILLING METHOD**	**COMPLETION DEPTH**	**TOTAL NO. OF SAMPLES**
Geoprobe 6620DT	Direct Push	40	3

SIZE AND TYPE OF BIT	HOLE DIAMETER	NO. OF SAMPLES	BULK	SS	DRIVE	PITCHER
	2.25 inches					

DRILLING FLUID	DRILLING ANGLE	WATER LEVEL	FIRST	AFTER _____ HOURS
None	0 degrees		NA	N/A

SAMPLE HAMMER TYPE DPT DRIVING WT. DROP	GEOLOGIST/DATE	CHECKED BY/DATE
	M.Pressley	

LITHOLOGY	DEPTH (feet)	SAMPLES	RECOVERY %	BLOW COUNT	DESCRIPTION	USCS SYMBOL	ESTIMATED PERCENT OF GR	SA	FI	PID READINGS	COMMENTS/ LAB SAMPLE IDENTIFICATIONS
				N/A	0 - 0.5 ft Concrete & gravel	NA	0	0	0		Hand auger to 4' bgs
	4		100		0.5 - 15 ft Brownish orange SILT, dry	ML	0	20	80	4	4-6' Collected for lab
	8		100								
										0.8	
	12										
			100							6	
	16				15 - 40 ft Greyish tan SILT, dry, odor noted	ML	0	20	80		
			100								
	20									4.5	18-20' Collected for lab
	24		100								
										1.5	
	28		100								
										1.0	
	32										
			100							0.8	
	36										
	40		100		Boring terminated at 40 feet due to slightly moist soils	ML	0	20	80	1.2	38-40' Collected for lab
	44										
	48										
	52										
	56										
	60										
	64										

FIELD LOG OF BORING

ERM

BORING NUMBER GP-12

SHEET 1 OF 1

PROJECT NAME	PROJECT NUMBER	LOCATION	ELEVATION AND DATUM
Joslyn Clark Controls, Inc.	99202	Lancaster, SC	

DRILLING COMPANY	DRILLER	START DATE/TIME	COMPLETION DATE/TIME
Probe Technology	Mike Tynan	4/8/2009	4/8/2009

DRILLING EQUIPMENT	DRILLING METHOD	COMPLETION DEPTH	TOTAL NO. OF SAMPLES
Geoprobe 6620DT	Direct Push	37	3

SIZE AND TYPE OF BIT	HOLE DIAMETER	NO. OF SAMPLES	BULK	SS	DRIVE	PITCHER
	2.25 inches					

DRILLING FLUID	DRILLING ANGLE	WATER LEVEL	FIRST	AFTER _____ HOURS
None	0 degrees		NA	N/A

SAMPLE HAMMER TYPE DPT DRIVING WT. DROP	GEOLOGIST/DATE	CHECKED BY/DATE
	M.Pressley	

LITHOLOGY	DEPTH (feet)	SAMPLES	RECOVERY %	BLOW COUNT	DESCRIPTION	USCS SYMBOL	ESTIMATED PERCENT OF GR	SA	FI	PID READINGS	COMMENTS/ LAB SAMPLE IDENTIFICATIONS
				N/A	0 - 0.5 ft Concrete & gravel	NA	0	0	0		Hand auger to 4' bgs
	4		100		0.5 - 13 ft Reddish orange and tan SILT, dry	ML	0	20	80	1.0	
	8		100								
										3.0	8-10' Collected for lab
	12										
			100		13 - 25 ft Tan and reddish orange SILT, dry	ML	0	20	80	0	
	16										
			100								
	20									0.5	
			100								
	24				25 - 37 ft Greyish tan and orange SILT, dry	ML	0	20	80	0.5	24-26' Collected for lab
			100								
	28									0	
	32		100							0	
	36				Boring terminated at 37 feet due to Geoprobe refusal					0	35-37' Collected for lab
			100								
	40										
	44										
	48										
	52										
	56										
	60										
	64										

FIELD LOG OF BORING

ERM

BORING NUMBER GP-13

SHEET 1 OF 1

PROJECT NAME	PROJECT NUMBER	LOCATION	ELEVATION AND DATUM
Joslyn Clark Controls, Inc.	99202	Lancaster, SC	

DRILLING COMPANY	DRILLER	START DATE/TIME	COMPLETION DATE/TIME
Probe Technology	Mike Tynan	4/8/2009	4/8/2009
DRILLING EQUIPMENT	DRILLING METHOD	COMPLETION DEPTH	TOTAL NO. OF SAMPLES
Geoprobe 6620DT	Direct Push	38	3

SIZE AND TYPE OF BIT	HOLE DIAMETER	NO. OF SAMPLES	BULK	SS	DRIVE	PITCHER
	2.25 inches					

DRILLING FLUID	DRILLING ANGLE	WATER LEVEL	FIRST	AFTER _____ HOURS
None	0 degrees		NA	N/A

SAMPLE HAMMER TYPE DPT DRIVING WT. DROP	GEOLOGIST/DATE	CHECKED BY/DATE
	M.Pressley	

LITHOLOGY	DEPTH (feet)	SAMPLES	RECOVERY %	BLOW COUNT	DESCRIPTION	USCS SYMBOL	ESTIMATED PERCENT OF GR	SA	FI	PID READINGS	COMMENTS/ LAB SAMPLE IDENTIFICATIONS
				N/A	0 - 0.5 ft Concrete & gravel	NA	0	0	0		Hand auger to 4' bgs
	4		100		0.5 - 20 ft Orange and tan SILT, dry	ML	0	20	80	1.0	
	8		100								
										3.0	8-10' Collected for lab
	12										
			100							0	
	16										
			100								
										0.5	
	20				20 - 36 ft Orange and greyish tan SILT, dry	ML	0	20	80		
			100								
	24				25 - 37 ft Greyish tan and orange SILT, dry	ML	0	20	80	0.5	24-26' Collected for lab
			100								
	28									0	
	32		100							0	
	36		100		36 -38 ft Orange and greyish tan silty SAND (saprolite)	SM	0	60	40	0	36-38' Collected for lab
					Boring terminated at 38 feet due to Geoprobe refusal						
	40										
	44										
	48										
	52										
	56										
	60										
	64										

Appendix B

Monitor Well Permit, Boring Logs, and Construction Diagrams, and Water Well Records

D H E C
PROMOTE PROTECT PROSPER

C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment

Groundwater Monitoring Well Approval

Approval is hereby granted to:	**Michael Pressley with ERM**
(on behalf of):	**Carl Grabinski**
Facility:	**Joslyn Clark Controls, Inc.**
Site Identification:	**00619**
County:	**Lancaster**

This approval is for the installation of seven (7) groundwater monitoring wells for the collection of groundwater samples between August 25 and 28, 2009. The groundwater monitoring wells are to be installed in the locations as illustrated on Figure 4 and per the proposed construction details provided by ERM in the Groundwater Assessment Plan, dated August 7, 2009. The groundwater monitoring wells are to be installed following all of the applicable requirements of R.61-71.

Please note that R.61-71 requires the following:

1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.

2. A Water Well Record Form or other form provided or approved by the Department shall be completed and submitted to the Department within 30 days after well completion or abandonment unless another schedule has been approved by the Department. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f

3. All analytical data and water levels obtained from each monitoring well shall be submitted to the Department within 30 days of receipt of laboratory results unless another schedule is approved by the Department as required by R.61-71.H.1.d.

4. If any of the information provided to the Department changes, the Bobbi Coleman (803-896-4035) shall be notified a minimum of twenty-four hours prior to well construction as required by R.61-71.H.1.a.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and R.61-71 of the South Carolina Well Standards and Regulations, dated April 26, 2002.

Date of Issuance: August 12, 2009 **Approval #: 3654**

B. Coleman

Bobbi Coleman, Hydrogeologist
Site Assessment, Remediation & Revitalization Division
Bureau of Land and Waste Management

FIELD LOG OF BORING

ERM

BORING NUMBER MW-1

SHEET 1 OF 1

PROJECT NAME	PROJECT NUMBER	LOCATION	ELEVATION AND DATUM
Joslyn Clark Controls, Inc.	99202	Lancaster, SC	

DRILLING COMPANY	DRILLER	START DATE/TIME	COMPLETION DATE/TIME
SAEDACCO	Mike Wilson	8/25/2009	8/25/2009

DRILLING EQUIPMENT	DRILLING METHOD	COMPLETION DEPTH	TOTAL NO. OF SAMPLES
Mobile Drill P57	Hollow Stem Auger	55	0

SIZE AND TYPE OF BIT	HOLE DIAMETER	NO. OF SAMPLES	BULK	SS	DRIVE	PITCHER
8.25" OD/4.25" ID	8.25"					

DRILLING FLUID	DRILLING ANGLE	WATER LEVEL	FIRST	AFTER 20 HOURS
None	0 degrees		moist @ 40	44.08

SAMPLE HAMMER TYPE DPT DRIVING WT. DROP	GEOLOGIST/DATE	CHECKED BY/DATE
	Thomas Fisher	

LITHOLOGY	DEPTH (feet)	SAMPLES	RECOVERY %	BLOW COUNT	DESCRIPTION	USCS SYMBOL	ESTIMATED PERCENT OF GR	SA	FI	PID READINGS	COMMENTS/ LAB SAMPLE IDENTIFICATIONS
				N/A	0-30 ft Light reddish orange clayey SILT	ML				NS	Post Hole dig to 4' bgs
	4		N/A								
	8		N/A								
	12		N/A								
	16		N/A								
	20										
	24		N/A								
	28		N/A								
	32				30-55 Light brown SILT moist at 40 feet						
	36		N/A								
	40		N/A								
	44		N/A								
	48		N/A								
	52		N/A								
	56		N/A		Boring terminated at 55 feet due to the presence						
	60				of groundwater.						
	64										

JOB NAME: Joslyn Clark

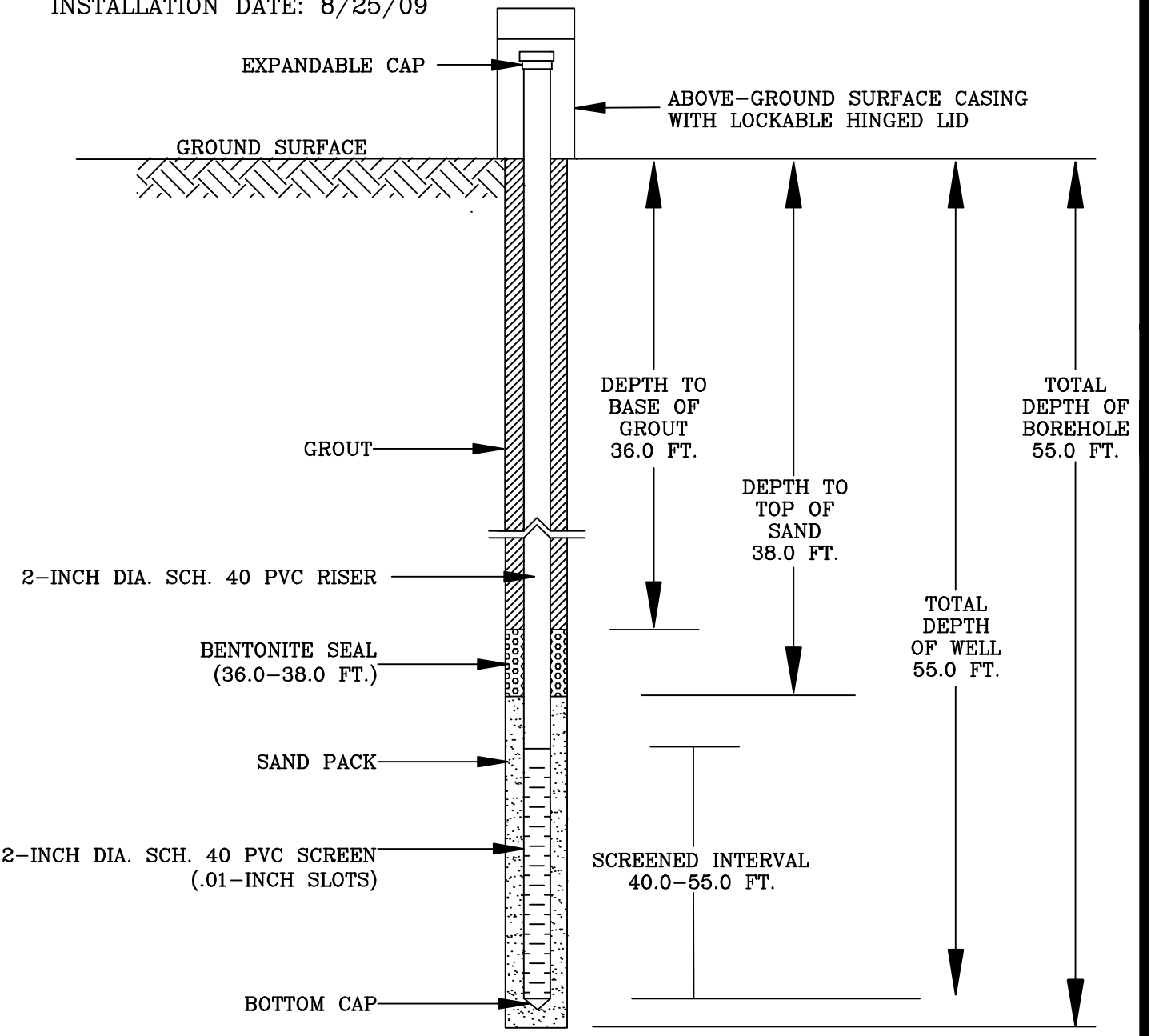
WELL NUMBER: MW-1

LOCATION: Lancaster, SC

INSTALLATION DATE: 8/25/09

JOB NUMBER: 103646
GROUND SURFACE
ELEVATION*: 545.07

TOP OF CASING (TOC)
ELEVATION*: 547.31



* REFERENCED TO AN ASSUMED SITE DATUM

NOTE: ALL PVC JOINTS ARE FLUSH THREADED

ERM

ERM NC, PC

TYPE II MONITOR WELL CONSTRUCTION DIAGRAM

7694

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: JOSLYN (last) CLARK (first)
Address: 2013 W. Meeting St.
City: LANCASTER State: SC Zip: 29720
Telephone: Work: Home:

2. LOCATION OF WELL: COUNTY: LANCASTER
Name: SAME AS ABOVE
Street Address:
City: Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: PUBLIC SYSTEM NUMBER: NAVL

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
TAN SANDY CLAY	0	40
BROWN SANDY CLAY	40	55
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

6. TYPE: ☐ Mud Rotary ☐ Jetted ☑ Bored
☐ Dug ☐ Air Rotary ☐ Driven
☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 55 ft. Date Started: 8-25-09 Date Completed: 8-25-09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in. to 40 ft. depth
_____ in. to _____ ft. depth
Height: Above/Below Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 2
Slot/Gauge: 10 Length: 15
Set Between: 55 ft. and 40 ft. NOTE: MULTIPLE SCREENS
_____ ft. and _____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL 42 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 55 ft. to 38 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☑ Bentonite/Cement ☐ Other _____
Depth: From 36 ft. to 4" ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine
☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: MICHAEL WILSON CERT. NO.: 1835
Address: (Print) 1441 McADOW LORD, LN.
ROCK HILL, SC 29703
Level: A B C D (circle one)
Telephone No.: 803) 366-9601 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 8-25-09
Well Driller

If D Level Driller, provide supervising driller's name:
STEVE POLOWICZWIEZ

FIELD LOG OF BORING

ERM

BORING NUMBER MW-2

SHEET 1 OF 1

PROJECT NAME	PROJECT NUMBER	LOCATION	ELEVATION AND DATUM
Joslyn Clark Controls, Inc.	99202	Lancaster, SC	

DRILLING COMPANY	DRILLER	START DATE/TIME	COMPLETION DATE/TIME
SAEDACCO	Mike Wilson	8/25/2009	8/25/2009

DRILLING EQUIPMENT	DRILLING METHOD	COMPLETION DEPTH	TOTAL NO. OF SAMPLES
Mobile Drill P57	Hollow Stem Auger`	55	0

SIZE AND TYPE OF BIT	HOLE DIAMETER	NO. OF SAMPLES	BULK	SS	DRIVE	PITCHER
8.25" OD/4.25" ID	8.25"					

DRILLING FLUID	DRILLING ANGLE	WATER LEVEL	FIRST	AFTER _____ HOURS
None	0 degrees		moist @ 40	N/A

SAMPLE HAMMER TYPE DPT DRIVING WT. DROP	GEOLOGIST/DATE	CHECKED BY/DATE
	Thomas Fisher	

LITHOLOGY	DEPTH (feet)	SAMPLES	RECOVERY %	BLOW COUNT	DESCRIPTION	USCS SYMBOL	ESTIMATED PERCENT OF GR	SA	FI	PID READINGS	COMMENTS/ LAB SAMPLE IDENTIFICATIONS
				N/A	0-10 ft Light reddish orange clayey SILT	ML				NS	Post Hole dig to 4' bgs
	4		N/A								
	8		N/A								
	12				10-30 Dark Brown SILT						
			N/A								
	16		N/A								
	20										
	24		N/A								
	28		N/A								
	32				30-55 Brown SILT, slightly plastic.						
			N/A								
	36		N/A								
	40		N/A								
	44		N/A								
	48		N/A								
	52		N/A								
	56		N/A		Boring terminated at 55 feet due to the presence						
	60				of groundwater.						
	64										

JOB NAME: Joslyn Clark

JOB NUMBER: 104646

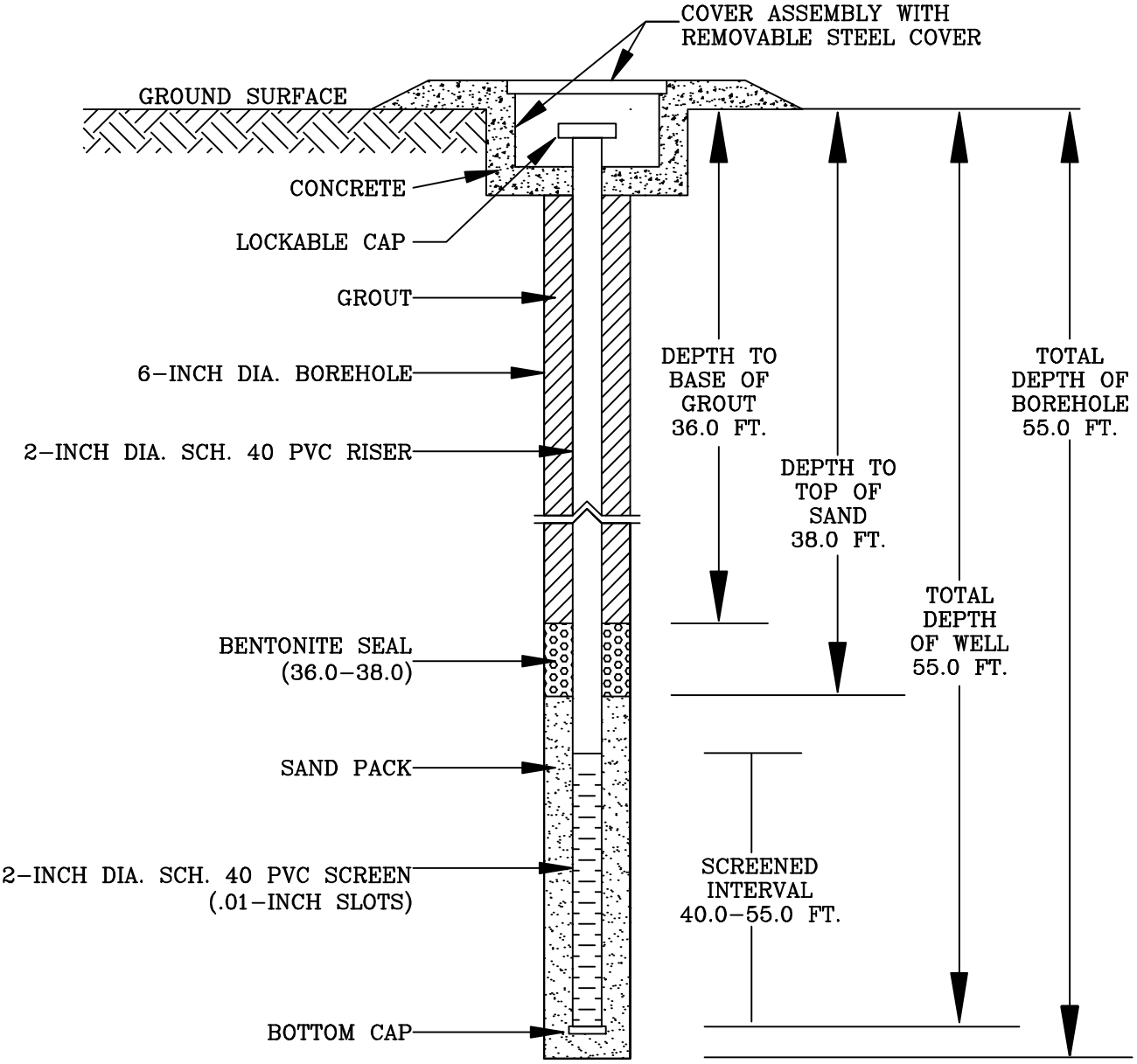
WELL NUMBER: MW-2

GROUND SURFACE ELEVATION*: 542.65

LOCATION: Lancaster, SC

TOP OF CASING (TOC) ELEVATION*: 542.44

INSTALLATION DATE: 8/28/09



NOTE: ALL PVC JOINTS ARE FLUSH THREADED

ERM

ERM NC, PC

TYPE II MONITOR WELL CONSTRUCTION DIAGRAM

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: JOSLYN CLARK (last) (first)
Address: 3013 W. MEETING ST
City: LANCASTER State: SC Zip: 29720
Telephone: Work: Home:

2. LOCATION OF WELL: COUNTY: LANCASTER
Name: SAME
Street Address:
City: Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: PUBLIC SYSTEM NUMBER:
MW2

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
BRN SILT / SANDY SILT	55	55
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☑ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 8-28-09
55 ft. Date Completed: 8-28-09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
0 in. to 40 ft. depth
_____ in. to _____ ft. depth
Height: Above/Below Surface 0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type: PVC Diam.: 2
Slot/Gauge: 010 Length: 15
Set Between: 40 ft. and 55 ft. NOTE: MULTIPLE SCREENS
_____ ft. and _____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☑ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 38 ft. to 55 ft.
Effective size #2 Uniformity Coefficient SAND

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☑ Bentonite/Cement ☐ Other _____
Depth: From 0 ft. to 36' ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: STEFAN SMITH CERT. NO.: 1943
Address: (Print) 9088 NORTHFIELD DR. FT MILL SC 29707
Level: A B C (D) (circle one)
Telephone No.: 803 548 2180 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Stefan Smith (Well Driller) Date: 8-28-09

If D Level Driller, provide supervising driller's name:
T. THOMAS

DHEC 1903 (03/2004) COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

FIELD LOG OF BORING

ERM

BORING NUMBER MW-3

SHEET 1 OF 1

PROJECT NAME	PROJECT NUMBER	LOCATION	ELEVATION AND DATUM
Joslyn Clark Controls, Inc.	99202	Lancaster, SC	

DRILLING COMPANY	DRILLER	START DATE/TIME	COMPLETION DATE/TIME
SAEDACCO	Mike Wilson	8/25/2009	8/25/2009

DRILLING EQUIPMENT	DRILLING METHOD	COMPLETION DEPTH	TOTAL NO. OF SAMPLES
Mobile Drill P57	Hollow Stem Auger`	55	0

SIZE AND TYPE OF BIT	HOLE DIAMETER	NO. OF SAMPLES	BULK	SS	DRIVE	PITCHER
8.25" OD/4.25" ID	8.25"					

DRILLING FLUID	DRILLING ANGLE	WATER LEVEL	FIRST	AFTER _____ HOURS
None	0 degrees		moist @ 40	N/A

SAMPLE HAMMER			GEOLOGIST/DATE	CHECKED BY/DATE
TYPE DPT	DRIVING WT.	DROP	Thomas Fisher	

LITHOLOGY	DEPTH (feet)	SAMPLES	RECOVERY %	BLOW COUNT	DESCRIPTION	USCS SYMBOL	ESTIMATED PERCENT OF GR	SA	FI	PID READINGS	COMMENTS/ LAB SAMPLE IDENTIFICATIONS
				N/A	0-20 ft Light reddish orange clayey SILT	ML				NS	Post Hole dig to 4' bgs
	4		N/A								
	8		N/A								
	12		N/A								
	16		N/A								
	20				20-55 Light brown SILT moist at 40 feet						
	24		N/A								
	28		N/A								
	32		N/A								
	36		N/A								
	40		N/A								
	44		N/A								
	48		N/A								
	52		N/A								
	56		N/A		Boring terminated at 55 feet due to the presence						
	60				of groundwater.						
	64										

JOB NAME: Joslyn Clark

JOB NUMBER: 104646

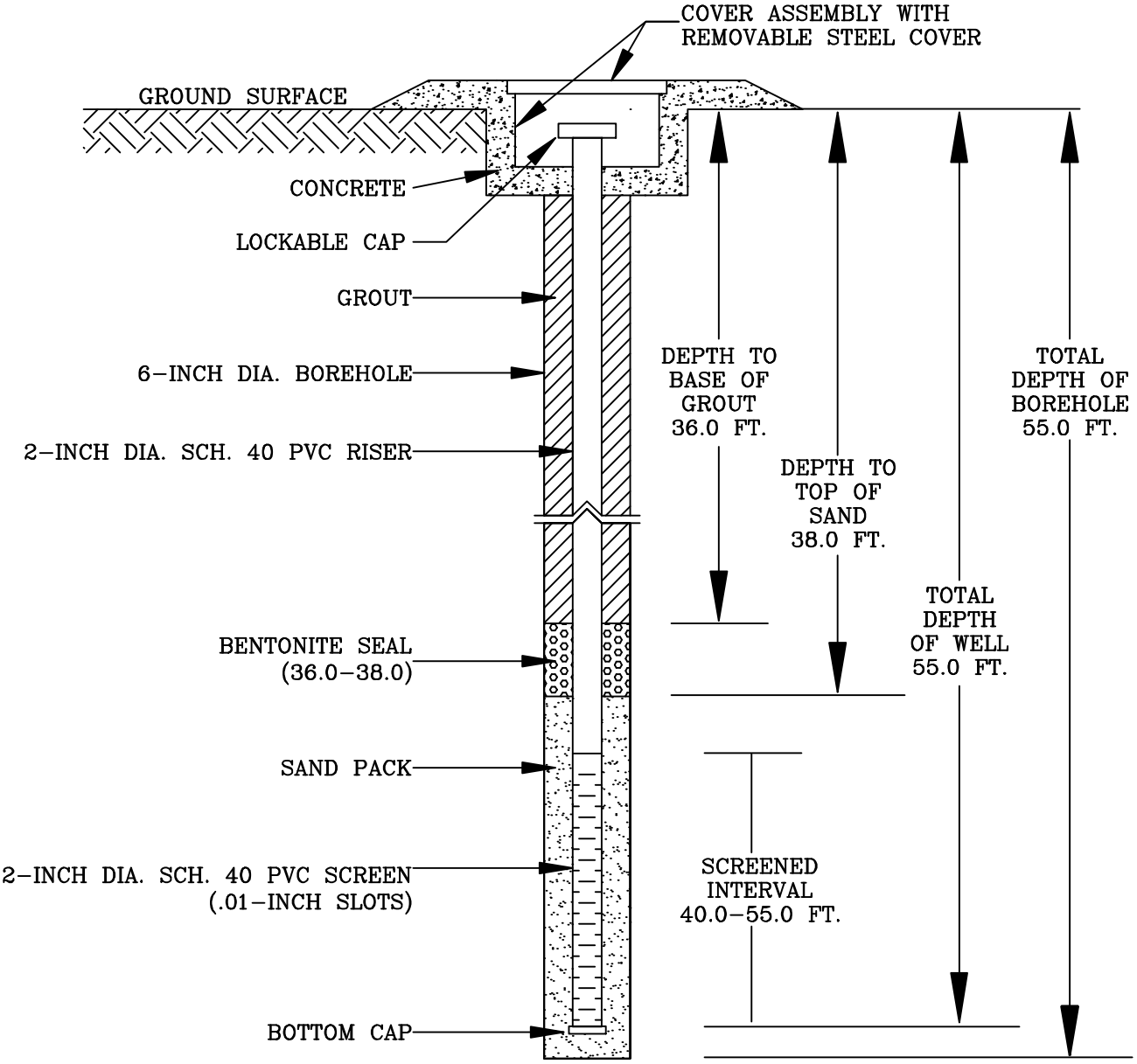
WELL NUMBER: MW-3

GROUND SURFACE ELEVATION*: 542.66

LOCATION: Lancaster, SC

TOP OF CASING (TOC) ELEVATION*: 542.42

INSTALLATION DATE: 8/28/09



NOTE: ALL PVC JOINTS ARE FLUSH THREADED

ERM

ERM NC, PC

TYPE II MONITOR WELL CONSTRUCTION DIAGRAM

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: JOSLYN CLARK (last) (first)
Address: 2013 W. MEETING ST
City: LANCASTER State: SC Zip: 29720
Telephone: Work: Home:

2. LOCATION OF WELL: COUNTY: LANCASTER
Name: SAME
Street Address:
City: Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: PUBLIC SYSTEM NUMBER:
MW3

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
BRN SILT/SANDY SILT	55	55
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☑ Bored
☐ Dug ☐ Air Rotary ☐ Driven
☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 8-28-09
55 ft. Date Completed: 8-28-09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
0 in. to 40 ft. depth
_____ in. to _____ ft. depth
Height: Above/Below Surface 0 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type: PVC Diam.: 2
Slot/Gauge: 010 Length: 15
Set Between: 40 ft. and 55 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 38 ft. to 55 ft.
Effective size #2 Uniformity Coefficient SAND

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☑ Bentonite/Cement ☐ Other _____
Depth: From 0 ft. to 36 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine
☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: STEFAN SMITH CERT. NO.: 1943
Address: (Print) 9088 NORTHFIELD DR Level: A B C (D) (circle one)
FT MILL SC 29707
Telephone No.: 803 548-2180 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Stefan Smith (Well Driller) Date: 8-28-09

If D Level Driller, provide supervising driller's name:
T THOMAS

DHEC 1903 (03/2004) COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

FIELD LOG OF BORING

ERM

BORING NUMBER MW-4

SHEET 1 OF 1

PROJECT NAME	PROJECT NUMBER	LOCATION	ELEVATION AND DATUM
Joslyn Clark Controls, Inc.	99202	Lancaster, SC	

DRILLING COMPANY	DRILLER	START DATE/TIME	COMPLETION DATE/TIME
SAEDACCO	Mike Wilson	8/25/2009	8/25/2009

DRILLING EQUIPMENT	DRILLING METHOD	COMPLETION DEPTH	TOTAL NO. OF SAMPLES
Mobile Drill P57	Hollow Stem Auger`	55	0

SIZE AND TYPE OF BIT	HOLE DIAMETER	NO. OF SAMPLES	BULK	SS	DRIVE	PITCHER
8.25" OD/4.25" ID	8.25"					

DRILLING FLUID	DRILLING ANGLE	WATER LEVEL	FIRST	AFTER 20 HOURS
None	0 degrees		moist @ 40	41.29

SAMPLE HAMMER			GEOLOGIST/DATE	CHECKED BY/DATE
TYPE DPT	DRIVING WT.	DROP	Thomas Fisher	

LITHOLOGY	DEPTH (feet)	SAMPLES	RECOVERY %	BLOW COUNT	DESCRIPTION	USCS SYMBOL	ESTIMATED PERCENT OF GR	SA	FI	PID READINGS	COMMENTS/ LAB SAMPLE IDENTIFICATIONS
				N/A	0-20 ft Light reddish orange clayey SILT	ML				NS	Post Hole dig to 4' bgs
	4		N/A								
	8		N/A								
	12		N/A								
	16		N/A								
	20				20-55 Light brown SILT moist at 40 feet						
	24		N/A								
	28		N/A								
	32		N/A								
	36		N/A								
	40		N/A								
	44		N/A								
	48		N/A								
	52		N/A								
	56		N/A		Boring terminated at 55 feet due to the presence						
	60				of groundwater.						
	64										

JOB NAME: Joslyn Clark Controls

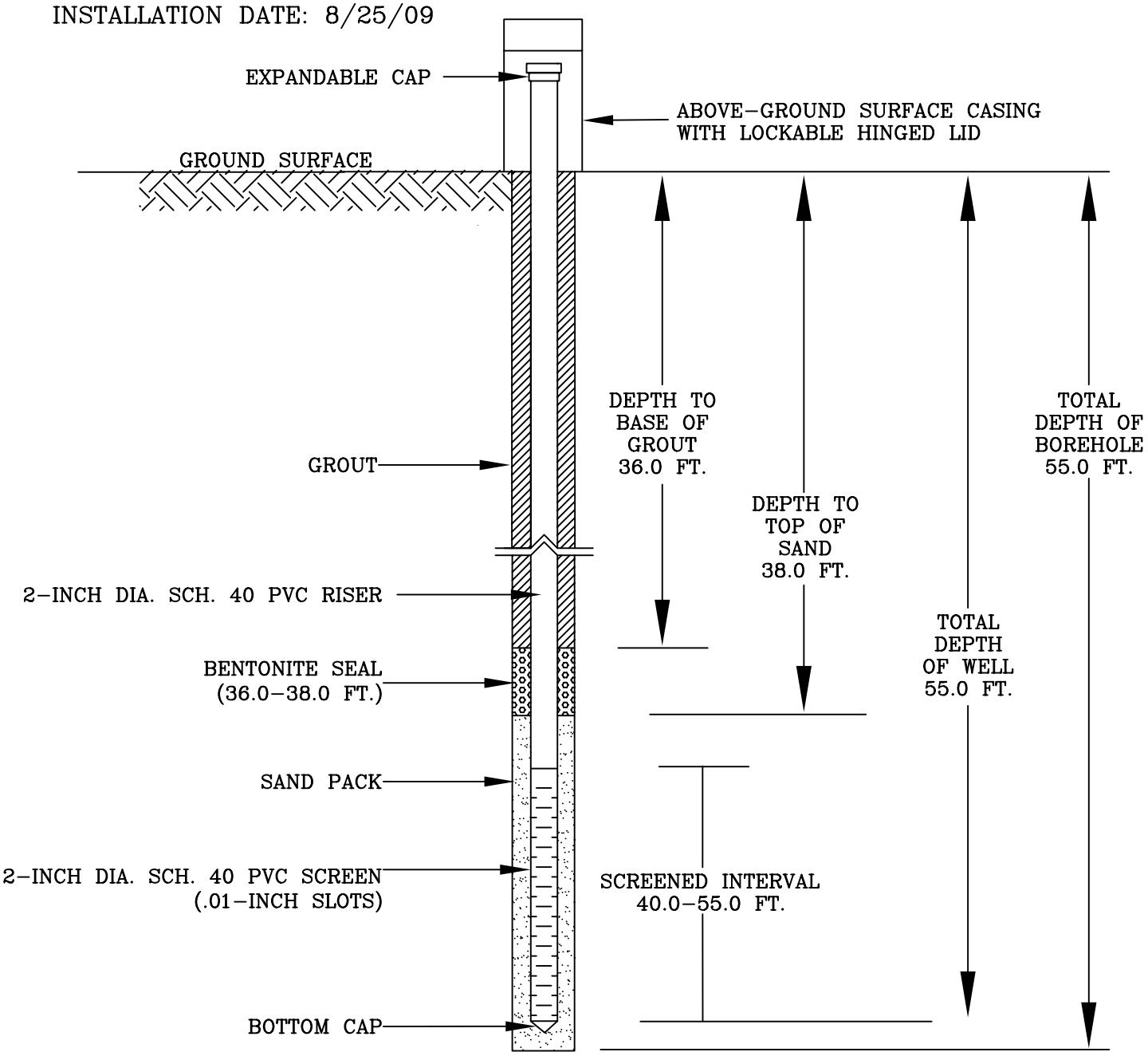
WELL NUMBER: MW-4

LOCATION: Lancaster, SC

INSTALLATION DATE: 8/25/09

JOB NUMBER: 103646
GROUND SURFACE
ELEVATION*: 538.95

TOP OF CASING (TOC)
ELEVATION*: 541.51



* REFERENCED TO AN ASSUMED SITE DATUM

NOTE: ALL PVC JOINTS ARE FLUSH THREADED

ERM

ERM NC, PC

TYPE II MONITOR WELL CONSTRUCTION DIAGRAM

7644

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: Joslyn (last) Clark (first)
Address: 2013 W. Meeting St.
City: Lancaster State: SC Zip: 29720
Telephone: Work: Home:

2. LOCATION OF WELL: COUNTY: Lancaster
Name: Same as Above
Street Address:
City: Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: PUBLIC SYSTEM NUMBER: NMW 4

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Tan Sandy clay	0	40
Brown Sandy Clay	40	55

*Indicate Water Bearing Zones
(Use a 2nd sheet if needed)

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☑ Bored
☐ Dug ☐ Air Rotary ☐ Driven
☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 55 ft. Date Started: 8-25-09 Date Completed: 8-25-09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in. to 40 ft. depth
_____ in. to _____ ft. depth
Height: Above/Below Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 2
Slot/Gauge: 10 Length: 15
Set Between: 55 ft. and 40 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL 42 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 55 ft. to 38 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☑ Bentonite/Cement ☐ Other _____
Depth: From 36 ft. to 4" ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine
☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Michael Wilson CERT. NO.: 1835
Address: (Print) 1441 McAdow Lots Ln, Rock Hill, SC 29703
Level: A B C D (circle one)
Telephone No.: (803) 366-9601 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 8-25-09
Well Driller

If D Level Driller, provide supervising driller's name:
Stefan Polowiczwicz

FIELD LOG OF BORING

ERM

BORING NUMBER MW-5

SHEET 1 OF 1

PROJECT NAME	PROJECT NUMBER	LOCATION	ELEVATION AND DATUM
Joslyn Clark Controls, Inc.	99202	Lancaster, SC	

DRILLING COMPANY	DRILLER	START DATE/TIME	COMPLETION DATE/TIME
SAEDACCO	Mike Wilson	8/25/2009	8/25/2009

DRILLING EQUIPMENT	DRILLING METHOD	COMPLETION DEPTH	TOTAL NO. OF SAMPLES
Mobile Drill P57	Hollow Stem Auger`	55	0

SIZE AND TYPE OF BIT	HOLE DIAMETER	NO. OF SAMPLES	BULK	SS	DRIVE	PITCHER
8.25" OD/4.25" ID	8.25"					

DRILLING FLUID	DRILLING ANGLE	WATER LEVEL	FIRST	AFTER 20 HOURS
None	0 degrees		moist @ 40	43.4

SAMPLE HAMMER TYPE DPT DRIVING WT. DROP	GEOLOGIST/DATE	CHECKED BY/DATE
	Thomas Fisher	

LITHOLOGY	DEPTH (feet)	SAMPLES	RECOVERY %	BLOW COUNT	DESCRIPTION	USCS SYMBOL	ESTIMATED PERCENT OF GR	SA	FI	PID READINGS	COMMENTS/ LAB SAMPLE IDENTIFICATIONS
				N/A	0-35 ft Light reddish orange clayey SILT	ML				NS	Post Hole dig to 4' bgs
	4		N/A								
	8		N/A								
	12		N/A								
	16		N/A								
	20										
	24		N/A								
	28		N/A								
	32		N/A								
	36		N/A		35-55 Light brown SILT moist at 40 feet						
	40		N/A								
	44		N/A								
	48		N/A								
	52		N/A								
	56		N/A		Boring terminated at 55 feet due to the presence						
	60				of groundwater.						
	64										

JOB NAME: Joslyn Clark Controls

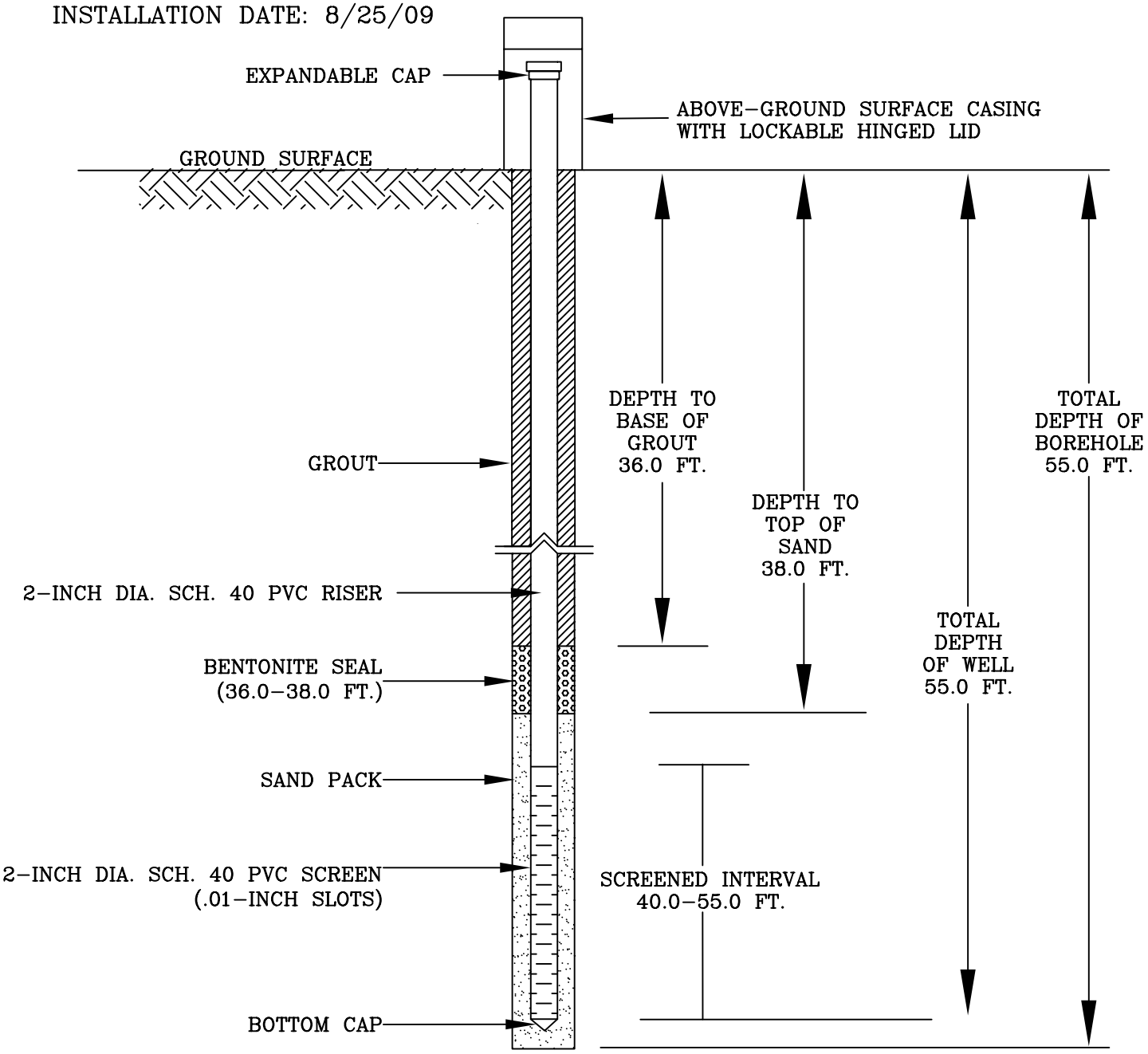
WELL NUMBER: MW-5

LOCATION: Lancaster, SC

INSTALLATION DATE: 8/25/09

JOB NUMBER: 103646
GROUND SURFACE
ELEVATION*: 538.04

TOP OF CASING (TOC)
ELEVATION*: 540.53



* REFERENCED TO AN ASSUMED SITE DATUM

NOTE: ALL PVC JOINTS ARE FLUSH THREADED

ERM

ERM NC, PC

TYPE II MONITOR WELL CONSTRUCTION DIAGRAM

7694

DHEC
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: Joslyn (last) clark (first)
Address: 2013 W. Meeting St.
City: LANCASTER State: Sc Zip: 29720
Telephone: Work: Home:

2. LOCATION OF WELL: COUNTY: LANCASTER
Name: SAME AS Above
Street Address:
City: Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: PUBLIC SYSTEM NUMBER: MW5

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from ____ ft. to ____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
TAN Sandy clAy	0	40
Brown SandyclAy	40	55

*Indicate Water Bearing Zones
(Use a 2nd sheet if needed)

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☑ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 55 ft. Date Started: 8-25-09 Date Completed: 8-25-09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in. to 40 ft. depth
____ in. to ____ ft. depth
Height: Above/Below Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 2
Slot/Gauge: 10 Length: 15
Set Between: 55 ft. and 40 ft. NOTE: MULTIPLE SCREENS
____ ft. and ____ ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL 42 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield:

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 55 ft. to 38 ft.
Effective size #2 Uniformity Coefficient

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☑ Bentonite/Cement ☐ Other
Depth: From 36 ft. to 4" ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type
Well Disinfected ☐ Yes ☐ No Type: Amount:

18. PUMP: Date Installed: Not installed ☐
Mfr. Name: Model No.:
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: MicHeAl Wilson CERT. NO.: 1835
Address: (Print) 1441 MeADowglow Ln, Rock Hill, SC 29703 Level: A B C D (circle one)
Telephone No.: 803) 366-9601 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: [signature] Date: 8-25-09
Well Driller

If D Level Driller, provide supervising driller's name:
Steve Poloniewicz

FIELD LOG OF BORING

ERM

BORING NUMBER MW-6

SHEET 1 OF 1

PROJECT NAME	PROJECT NUMBER	LOCATION	ELEVATION AND DATUM
Joslyn Clark Controls, Inc.	99202	Lancaster, SC	

DRILLING COMPANY	DRILLER	START DATE/TIME	COMPLETION DATE/TIME
SAEDACCO	Mike Wilson	8/25/2009	8/25/2009

DRILLING EQUIPMENT	DRILLING METHOD	COMPLETION DEPTH	TOTAL NO. OF SAMPLES
Mobile Drill P57	Hollow Stem Auger	55	0

SIZE AND TYPE OF BIT	HOLE DIAMETER	NO. OF SAMPLES	BULK	SS	DRIVE	PITCHER
8.25" OD/4.25" ID	8.25"					

DRILLING FLUID	DRILLING ANGLE	WATER LEVEL	FIRST	AFTER _____ HOURS
None	0 degrees		moist @ 40	N/A

SAMPLE HAMMER	GEOLOGIST/DATE	CHECKED BY/DATE
TYPE DPT DRIVING WT. DROP	Thomas Fisher	

LITHOLOGY	DEPTH (feet)	SAMPLES	RECOVERY %	BLOW COUNT	DESCRIPTION	USCS SYMBOL	ESTIMATED PERCENT OF GR	SA	FI	PID READINGS	COMMENTS/ LAB SAMPLE IDENTIFICATIONS
				N/A	0-30 ft Light reddish orange clayey SILT	ML				NS	Post Hole dig to 4' bgs
	4		N/A								
	8		N/A								
	12		N/A								
	16		N/A								
	20										
	24		N/A								
	28		N/A								
	32				30-55 Light brown SILT moist at 40 feet						
	36		N/A								
	40		N/A								
	44		N/A								
	48		N/A								
	52		N/A								
	56		N/A		Boring terminated at 55 feet due to the presence						
	60				of groundwater.						
	64										

JOB NAME: Joslyn Clark Controls

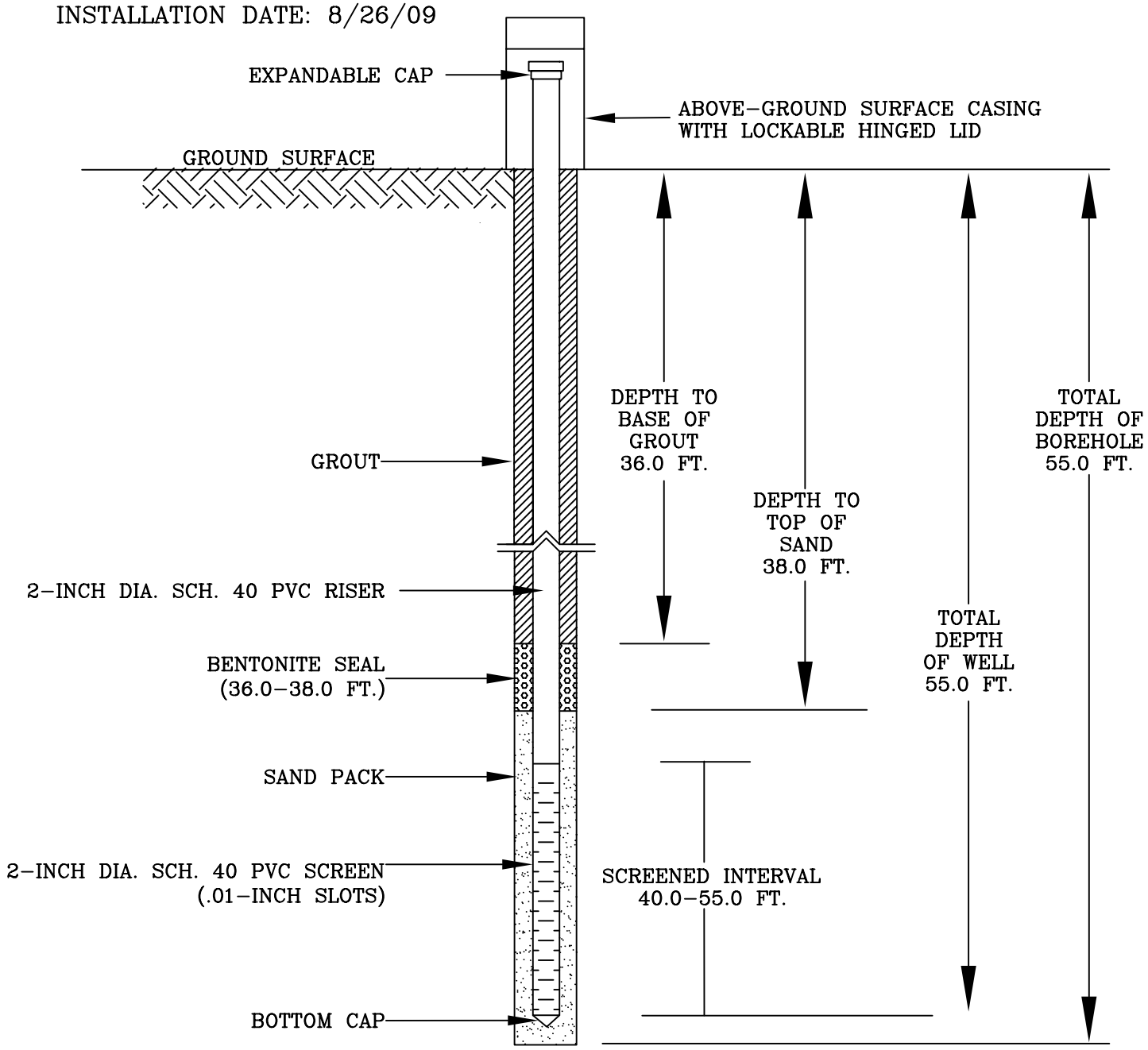
WELL NUMBER: MW-6

LOCATION: Lancaster, SC

INSTALLATION DATE: 8/26/09

JOB NUMBER: 103646
GROUND SURFACE
ELEVATION*: 539.87

TOP OF CASING (TOC)
ELEVATION*: 542.31



* REFERENCED TO AN ASSUMED SITE DATUM

NOTE: ALL PVC JOINTS ARE FLUSH THREADED

ERM

ERM NC, PC

TYPE II MONITOR WELL CONSTRUCTION DIAGRAM

7644

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: JOSLYN (last) CLARK (first)
Address: 2013 W. Meeting St.
City: LANCASTER State: SC Zip: 29720
Telephone: Work: Home:

2. LOCATION OF WELL: COUNTY: LANCASTER
Name: SAME AS ABOVE
Street Address:
City: Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: PUBLIC SYSTEM NUMBER: NVNC

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
TAN SANDY CLAY	0	40
BROWN SANDY CLAY	40	55
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☑ Bored
☐ Dug ☐ Air Rotary ☐ Driven
☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 55 ft. Date Started: 8-26-09
Date Completed: 8-26-09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in. to 40 ft. depth
_____ in. to _____ ft. depth
Height: Above/Below Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 2
Slot/Gauge: 10 Length: 15
Set Between: 55 ft. and 40 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL 42 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 55 ft. to 38 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☑ Bentonite/Cement ☐ Other _____
Depth: From 36 ft. to 47 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ ☐ Not installed
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine
☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Michael Wilson CERT. NO.: 1835
Address: (Print) 1441 McAdow Lots Ln. Level: A B C D (circle one)
Rock Hill, SC 29703
Telephone No.: (803) 366-9601 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 8-26-09
Well Driller

If D Level Driller, provide supervising driller's name:
Steve Polewiczwicz

FIELD LOG OF BORING

ERM

BORING NUMBER MW-7

SHEET 1 OF 1

PROJECT NAME	PROJECT NUMBER	LOCATION	ELEVATION AND DATUM
Joslyn Clark Controls, Inc.	99202	Lancaster, SC	

DRILLING COMPANY	DRILLER	START DATE/TIME	COMPLETION DATE/TIME
SAEDACCO	Mike Wilson	8/25/2009	8/25/2009

DRILLING EQUIPMENT	DRILLING METHOD	COMPLETION DEPTH	TOTAL NO. OF SAMPLES
Mobile Drill P57	Hollow Stem Auger	55	0

SIZE AND TYPE OF BIT	HOLE DIAMETER	NO. OF SAMPLES	BULK	SS	DRIVE	PITCHER
8.25" OD/4.25" ID	8.25"					

DRILLING FLUID	DRILLING ANGLE	WATER LEVEL	FIRST	AFTER _____ HOURS
None	0 degrees		moist @ 40	N/A

SAMPLE HAMMER	GEOLOGIST/DATE	CHECKED BY/DATE
TYPE DPT DRIVING WT. DROP	Thomas Fisher	

LITHOLOGY	DEPTH (feet)	SAMPLES	RECOVERY %	BLOW COUNT	DESCRIPTION	USCS SYMBOL	ESTIMATED PERCENT OF GR	SA	FI	PID READINGS	COMMENTS/ LAB SAMPLE IDENTIFICATIONS
				N/A	0-30 ft Light reddish orange clayey SILT	ML				NS	Post Hole dig to 4' bgs
	4		N/A								
	8		N/A								
	12		N/A								
	16		N/A								
	20										
	24		N/A								
	28		N/A								
	32				30-40 Orangish brown clayey sandy SILT- no odor.						
	36		N/A								
	40		N/A		40-55 Light brown SILT moist at 40 feet						
	44		N/A								
	48		N/A								
	52		N/A								
	56		N/A		Boring terminated at 55 feet due to the presence						
	60				of groundwater.						
	64										

JOB NAME: Joslyn Clark Controls

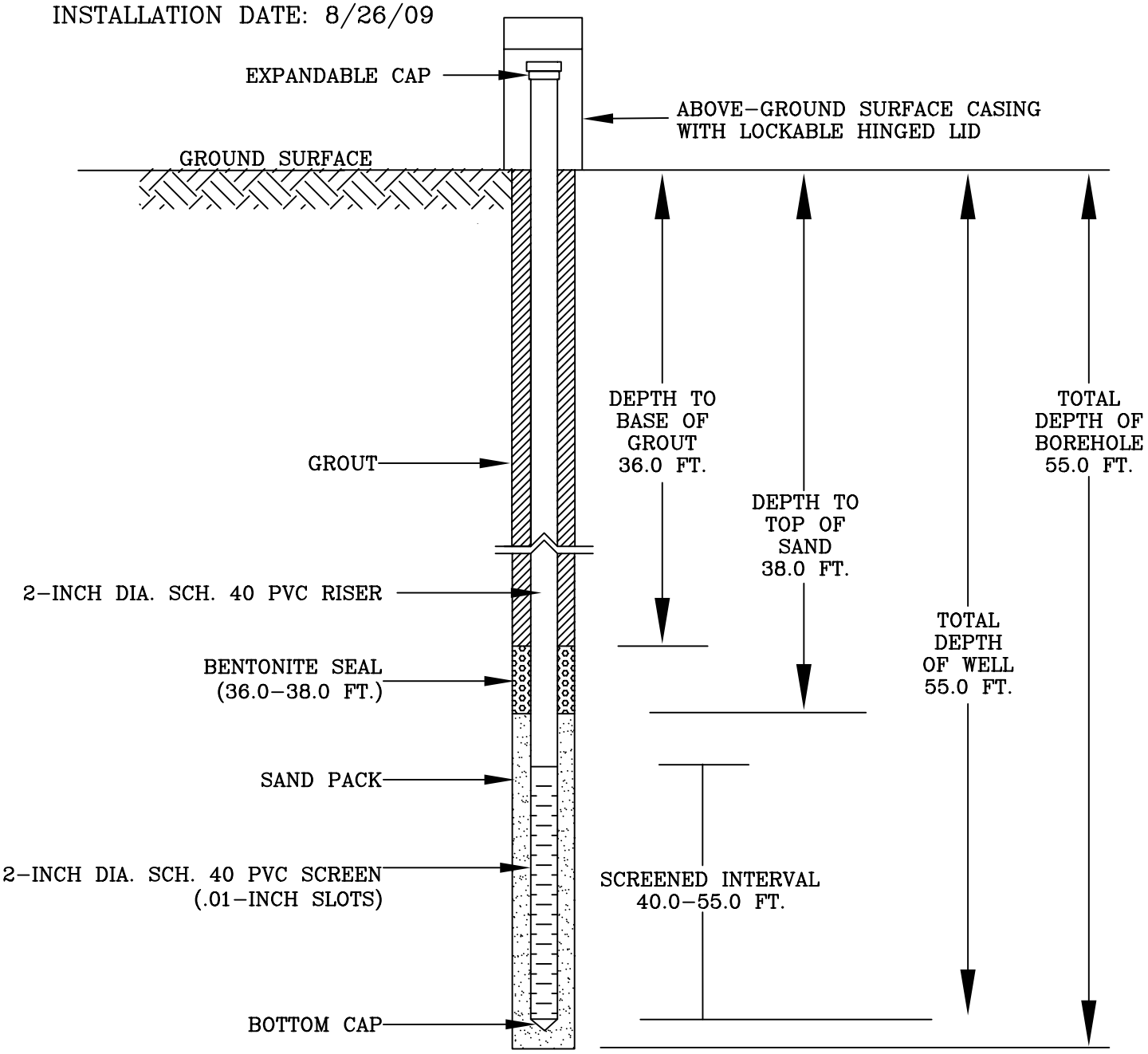
WELL NUMBER: MW-7

LOCATION: Lancaster, SC

INSTALLATION DATE: 8/26/09

JOB NUMBER: 103646
GROUND SURFACE
ELEVATION*: 539.48

TOP OF CASING (TOC)
ELEVATION*: 541.92



* REFERENCED TO AN ASSUMED SITE DATUM

NOTE: ALL PVC JOINTS ARE FLUSH THREADED

ERM

ERM NC, PC

TYPE II MONITOR WELL CONSTRUCTION DIAGRAM

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: Joslyn (last) Clark (first)
Address: 2013 W. Meeting St.
City: Lancaster State: SC Zip: 29720
Telephone: Work: Home:

2. LOCATION OF WELL: COUNTY: Lancaster
Name: Same as Above
Street Address:
City: Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: PUBLIC SYSTEM NUMBER: NMW

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
TAN Sandy clay	0	40
Brown Sandy Clay	40	55
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

6. TYPE: ☐ Mud Rotary ☐ Jetted ☑ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 55 ft. Date Started: 8-26-09 Date Completed: 8-26-09

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in. to 40 ft. depth
_____ in. to _____ ft. depth
Height: Above/Below Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 2
Slot/Gauge: 10 Length: 15
Set Between: 55 ft. and 40 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL 42 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from #2 ft. to 38 ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☑ Bentonite/Cement ☐ Other _____
Depth: From 36 ft. to 47 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ ☐ Not installed
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Michael Wilson CERT. NO.: 1835
Address: (Print) 1441 Meadowlands Ln. Rock Hill, SC 29703
Level: A B C D (circle one)
Telephone No.: (803) 366-4601 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ (Well Driller) Date: 8-26-09

If D Level Driller, provide supervising driller's name:
Steve Polonicwicz

DHEC 1903 (03/2004) COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Appendix C-1
Well Development Forms

Well Development

Site Name: [redacted] Joslyn Clark
Low-Flow Groundwater Sampling Form

ERM NC, PC
8000 Corporate Center, Suite 200
Charlotte, NC 28226

ERM

Well ID: MW-1
Date: 9/15/9
Sampling Personnel: T. FISHER
Weather Conditions: Sunny
Time: 1000
File Name:

Total Depth (T.D.): 55
Depth to Water (D.T.W.): (1) 44.22
Total Volume Purged:
Purge Rate: 2.5 gpm
Tubing Type: Poly
Pump Intake (ft below M.P.): 55.00

Screen Length: 15
Well Diameter: 2
Casing Type: PVC
Sampling Device: submersible
Measuring Point: TOC
color: clear odor: None

Time: (min)	DTW: (feet)	Volume Purged (liters)	pH (std units)	SpC (uS/cm)	Turb NTU	DO (mg/L)	Temp (°C)	ORP mV
Stabalization Criteria[2]	**(see note below)[3]**		**~ 0.2 unit**	**~ 10%**	**< 10 NTU**	**~ 10%**	**~ 10%**	**~ 10 mV**
0	44.22	0	7.08	0.067	7999	7.35	20.68	103
3	49.47	2.5	6.02	0.055	154	7.32	19.26	152
6	52.19	5.0	5.56	0.055	175	6.99	19.29	175
9	55.00	7.5	5.33	0.058	159	6.80	19.37	192
12	55.00	10.0	5.50	0.060	165	6.67	19.40	190
15	55.00	11.0	5.66	0.061	170	6.61	19.78	181
18	55.00	12.0	5.69	0.061	180	6.80	20.12	175

Sampling Time: NA Well pumping to dry

Notes:

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom. 6.6 D.6

(2) - Stabilization criteria based on three most recent consecutive measurements.

(3) - Total drawdown in well to be less than 0.1 m (0.32 ft). Purging rate to be lowered as necessary to keep drawdown below 0.1 m (0.32 ft).

Well Development

Site Name: Joslyn Clark
Low-Flow Groundwater Sampling Form

ERM NC, PC
8000 Corporate Center, Suite 200
Charlotte, NC 28226

Well ID: MW-2
Date: 9/15/09
Sampling Personnel: T. FISHER
Weather Conditions: Sunny
Time: 1420
File Name:

Total Depth (T.D.): 55
Depth to Water (D.T.W.): (1) 42.15
Total Volume Purged: see below
Purge Rate: 1 gpm
Tubing Type: Poly
Pump Intake (ft below M.P.): 54

Screen Length: 15
Well Diameter: 2
Casing Type: PVC
Sampling Device: GS Monsoon
Measuring Point: TOC
color: gray odor: None

Time: (min)	DTW: (feet)	Volume Purged (liters)	pH (std units)	SpC (uS/cm)	Turb NTU	DO (mg/L)	Temp (°C)	ORP mV
Stabalization Criteria[2]	(see note below)[3]		~ 0.2 unit	~ 10%	< 10 NTU	~ 10%	~ 10%	~ 10 mV
0	42.15	0	6.98	.094	7999	7.17	19.91	130
3	—	2.5	6.37	0.092	7999	6.76	19.91	143
6	48.73	5	5.70	0.082	937	7.58	19.96	188
9	49.65	7.5	5.09	0.083	858	7.20	19.85	224
12	5087	9.5	4.97	0.083	885	7.03	19.97	235
15	51.68	13.0	5.00	0.084	850	6.90	19.90	234

Sampling Time: NA

Notes:

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.

(2) - Stabilization criteria based on three most recent consecutive measurements.

(3) - Total drawdown in well to be less than 0.1 m (0.32 ft). Purging rate to be lowered as necessary to keep drawdown below 0.1 m (0.32 ft).

Well Development

Site Name: Evelyn Clark
Low-Flow Groundwater Sampling Form

ERM NC, PC
8000 Corporate Center, Suite 200
Charlotte, NC 28226

ERM

Well ID: MW-3
Date: 9/15/09
Sampling Personnel: T. Fisher
Weather Conditions: Sunny
Time: 1330
File Name:

Total Depth (T.D.): 55
Depth to Water (D.T.W): [1] 44.20
Total Volume Purged:
Purge Rate: 1 gpm
Tubing Type: poly
Pump Intake (ft below M.P.): 54

Screen Length: 15
Well Diameter: 2
Casing Type: PVC
Sampling Device: SS Monsoon
Measuring Point: TOC
color: Tan odor: None

Time: (min)	DTW: (feet)	Volume Purged (liters)	pH (std units)	SpC (uS/cm)	Turb NTU	DO (mg/L)	Temp (°C)	ORP mV
Stabalization Criteria[2]	(see note below)[3]		~ 0.2 unit	~ 10%	< 10 NTU	~ 10%	~ 10%	~ 10 mV
0	44.20	0	7.14	0.093	642	8.89	22.85	99
3	—	3	6.76	0.106	397	5.12	22.83	114
6	—	4	6.69	0.105	389	5.08	22.81	119
9	—	4.5	6.54	0.105	369	5.07	22.88	127
12	—	5.0	6.48	0.090	104	7.36	22.86	139
15	—	6.0	6.37	0.090	96	7.27	22.94	140
18	—	7.0	6.36	0.089	94	7.21	23.00	140
21	—	8.0	6.43	0.089	92	7.13	23.09	134

Sampling Time: NA - Water level no responding

Notes:

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.

(2) - Stabilization criteria based on three most recent consecutive measurements.

(3) - Total drawdown in well to be less than 0.1 m (0.32 ft). Purging rate to be lowered as necessary to keep drawdown below 0.1 m (0.32 ft).

Well Development

Site Name: Joslyn Clark
Low-Flow Groundwater Sampling Form

ERM NC, PC
8000 Corporate Center, Suite 200
Charlotte, NC 28226

Well ID: MW-4
Date: 4/15/19
Sampling Personnel: T Fisher
Weather Conditions: Sunny
Time: 1100
File Name:

Total Depth (T.D.): 55
Depth to Water (D.T.W): [1] 44.20
Total Volume Purged:
Purge Rate: 1.5 gpm
Tubing Type: poly
Pump Intake (ft below M.P.): 54

Screen Length: 15
Well Diameter: 2
Casing Type: PVC
Sampling Device: gs monsoon
Measuring Point: TOC
color: opaque odor: None

Time: (min)	DTW: (feet)	Volume Purged (liters)	pH (std units)	SpC (uS/cm)	Turb NTU	DO (mg/L)	Temp (°C)	ORP mV
Stabalization Criteria[2]	(see note below)[3]		~ 0.2 unit	~ 10%	< 10 NTU	~ 10%	~ 10%	~ 10 mV
0	44.20	0	5.51	0.047	574	7.28	18.62	199
3.0	46.85	2.5	5.29	0.047	>999	6.59	18.65	209
6.0	48.35	5.0	4.90	0.045	>999	7.01	18.58	232
9.0	49.10	7.0	4.79	0.045	>999	6.40	18.65	241
12.0	49.32	9.0	4.81	0.045	>999	6.23	18.72	244
15.0	49.73	11.0	4.75	0.045	>999	6.20	18.75	246
18.0	49.95	13.0	4.86	0.045	>999	6.02	18.84	243
21.0	50.07	15.0	4.93	0.045	>999	5.96	18.88	239

Sampling Time: NA

Notes:

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.

(2) - Stabilization criteria based on three most recent consecutive measurements.

(3) - Total drawdown in well to be less than 0.1 m (0.32 ft). Purging rate to be lowered as necessary to keep drawdown below 0.1 m (0.32 ft).

Well Development

Site Name: Joslyn Clark
Low-Flow Groundwater Sampling Form

ERM NC, PC
8000 Corporate Center, Suite 200
Charlotte, NC 28226

ERM

Well ID: MW-5
Date: 9/15/9
Sampling Personnel: T. FISHER
Weather Conditions: Sunny
Time: 1245
File Name:

Total Depth (T.D.): 55
Depth to Water (D.T.W.): [1] 46.26
Total Volume Purged:
Purge Rate: 1.0 gpm
Tubing Type: poly
Pump Intake (ft below M.P.): 54

Screen Length: 15
Well Diameter: 2
Casing Type: PVC
Sampling Device: SS Monsoon
Measuring Point: TOC
color: TAN odor: odor - None

Time: (min)	DTW: (feet)	Volume Purged (liters)	pH (std units)	SpC (uS/cm)	Turb NTU	DO (mg/L)	Temp (°C)	ORP mV
Stabalization Criteria[2]	(see note below)[3]		~ 0.2 unit	~ 10%	< 10 NTU	~ 10%	~ 10%	~ 10 mV
0	46.26	0	5.20	0.119	7999	8.44	19.91	237
3	48.55	2.5	5.05	0.124	7999	7.81	19.81	235
6	~	3.5	4.59	0.123	>999	6.83	19.76	257
9	48.96	4.5	4.53	0.122	>999	6.57	19.82	266
12	49.21	5.25	4.62	0.121	>999	6.36	19.99	269
15	49.41	6.00	4.65	0.121	>999	6.30	19.90	268
18	49.62	7.50	4.69	0.119	>999	6.26	19.85	267

Sampling Time: NA

Notes:

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.

(2) - Stabilization criteria based on three most recent consecutive measurements.

(3) - Total drawdown in well to be less than 0.1 m (0.32 ft). Purging rate to be lowered as necessary to keep drawdown below 0.1 m (0.32 ft).

Well Development

Site Name: Joslyn Clark
Low-Flow Groundwater Sampling Form

ERM NC, PC
8000 Corporate Center, Suite 200
Charlotte, NC 28226

ERM

Well ID: MW-6
Date: 9/15/9
Sampling Personnel: T. Fisher
Weather Conditions: Sunny
Time: 1155
File Name:

Total Depth (T.D.): 55
Depth to Water (D.T.W.): [1] 48.99
Total Volume Purged:
Purge Rate: 1 gpm
Tubing Type: Poly
Pump Intake (ft below M.P.):

Screen Length: 15
Well Diameter: 2
Casing Type: PVC
Sampling Device: SS Monsoon
Measuring Point: TOC
color: Opaque odor: None

Time: (min)	DTW: (feet)	Volume Purged (liters)	pH (std units)	SpC (uS/cm)	Turb NTU	DO (mg/L)	Temp (°C)	ORP mV
Stabalization Criteria[2]	(see note below)[3]		~ 0.2 unit	~ 10%	< 10 NTU	~ 10%	~ 10%	~ 10 mV
0	48.99	0	5.49	0.090	>999	6.69	19.94	201
3	49.92	2	5.62	0.090	>999	5.82	19.98	197
6	50.99	3	5.28	0.088	>999	6.50	20.57	223
9	51.89	4	5.00	0.085	>999	5.47	20.35	233
12	52.86	4.5	4.78	0.082	>999	5.05	20.34	247
15	53.71	5.0	4.89	0.081	905	4.70	20.56	247
18	54.02	5.5	4.99	0.082	900	4.80	20.74	243
21	54.17	5.75	5.02	0.082	872	4.78	20.86	240

Sampling Time: NA

Notes:

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.

(2) - Stabilization criteria based on three most recent consecutive measurements.

(3) - Total drawdown in well to be less than 0.1 m (0.32 ft). Purging rate to be lowered as necessary to keep drawdown below 0.1 m (0.32 ft).

Well Development

Site Name: Joslyn Clark
Low-Flow Groundwater Sampling Form

ERM NC, PC
8000 Corporate Center, Suite 200
Charlotte, NC 28226

Well ID: MW-7
Date: 9/15/9
Sampling Personnel: T. FISHER
Weather Conditions: Sunny
Time: 1500
File Name:

Total Depth (T.D.): 55
Depth to Water (D.T.W): (1) 49.40
Total Volume Purged:
Purge Rate: 1 gpm
Tubing Type: POLY
Pump Intake (ft below M.P.): 54

Screen Length: 15
Well Diameter: 2
Casing Type: PVC
Sampling Device: bs Monsoon
Measuring Point: TOC
color: odor:

Time: (min)	DTW: (feet)	Volume Purged (liters)	pH (std units)	SpC (uS/cm)	Turb NTU	DO (mg/L)	Temp (°C)	ORP mV
Stabalization Criteria[2]	**(see note below)[3]**		**~ 0.2 unit**	**~ 10%**	**< 10 NTU**	**~ 10%**	**~ 10%**	**~ 10 mV**
0	49.40	0	5.37	0.092	~~459~~	5.21	20.41	174
3	51.14	3.0	5.96	0.090	451	5.14	20.38	175
6	51.65	5.0	5.65	0.090	379	4.89	20.35	194
9	51.92	5.75	5.72	0.090	374	4.86	20.40	194
12	52.37	6.00	5.51	0.090	349	4.80	20.55	208
15	52.57	7.00	5.54	0.090	320	4.83	20.65	206
18	52.75	8.00	5.62	0.090	337	4.82	20.71	204

Sampling Time: NA

Notes:

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.

(2) - Stabilization criteria based on three most recent consecutive measurements.

(3) - Total drawdown in well to be less than 0.1 m (0.32 ft). Purging rate to be lowered as necessary to keep drawdown below 0.1 m (0.32 ft).

Appendix C-2
Well Sampling Forms

Site Name: Joslyn Clark
Low-Flow Groundwater Sampling Form

ERM NC, PC
8000 Corporate Center, Suite 200
Charlotte, NC 28226

ERM

Well ID: MW-1
Date: 9/30/9
Sampling Personnel: T. Fisher
Weather Conditions: Sunny
Time: 1350
File Name:

Total Depth (T.D.): 55
Depth to Water (D.T.W.): (1) 44.54
Total Volume Purged:
Purge Rate: 200 ml/min
Tubing Type: Poly
Pump Intake (ft below M.P.): 54

Screen Length: 15
Well Diameter: 2
Casing Type: PVC
Sampling Device: SS Monsoon
Measuring Point: TOC
color: ~~clear~~ clear odor: None

Time: (min)	DTW: (feet)	Volume Purged (liters)	pH (std units)	SpC (uS/cm)	Turb NTU	DO (mg/L)	Temp (°C)	ORP mV
Stabalization Criteria[2]	(see note below)[3]		~ 0.2 unit	~ 10%	< 10 NTU	~ 10%	~ 10%	~ 10 mV
0	44.54		5.57	0.023	107	8.64	19.53	138
5	45.61		5.34	0.020	78	8.28	19.98	147
10	46.79		5.31	0.020	41	8.73	20.38	166
15	47.27		5.25	0.020	34	8.78	20.50	183
20	47.71		5.14	0.019	23	8.75	20.71	197
25	47.92		5.15	0.019	17	8.79	20.81	200
30	48.09		5.12	0.019	9	8.73	20.80	205
35	48.34		5.12	0.019	9	8.70	20.97	207
40	48.43		5.08	0.020	8	8.78	20.99	211

Sampling Time: 1440

Notes:

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.

(2) - Stabilization criteria based on three most recent consecutive measurements.

(3) - Total drawdown in well to be less than 0.1 m (0.32 ft). Purging rate to be lowered as necessary to keep drawdown below 0.1 m (0.32 ft).

Site Name: Joslyn Clark
Low-Flow Groundwater Sampling Form

ERM NC, PC
8000 Corporate Center, Suite 200
Charlotte, NC 28226

ERM

Well ID: MW-2
Date: 7/30/19
Sampling Personnel: TJ Fisher
Weather Conditions: Sunny
Time: 1140
File Name:

Total Depth (T.D.): 55
Depth to Water (D.T.W.): (1) 42.47
Total Volume Purged:
Purge Rate: 200 ml/min
Tubing Type: Poly
Pump Intake (ft below M.P.): 54

Screen Length: 15
Well Diameter: 2
Casing Type: PVC
Sampling Device: SS Mouseon
Measuring Point: TOC
color: Clear odor: None

Time: (min)	DTW: (feet)	Volume Purged (liters)	pH (std units)	SpC (uS/cm)	Turb NTU	DO (mg/L)	Temp (°C)	ORP mV
Stabalization Criteria[2]	(see note below)[3]		~ 0.2 unit	~ 10%	< 10 NTU	~ 10%	~ 10%	~ 10 mV
0	42.47		5.96	0.045	277	8.62	21.77	140
5	43.12		5.58	0.044	105	8.58	22.61	150
10	44.53		5.50	0.043	66	8.72	22.73	160
15	44.72		5.47	0.043	59	8.78	22.78	167
20	44.91		5.47	0.046	43	8.99	23.00	172
25	45.09		5.45	0.045	29	8.95	23.07	174
30	45.17		5.45	0.044	17	8.95	23.12	173
35	45.26		5.45	0.044	10	8.98	23.16	173
40	45.42		5.44	0.044	9	8.97	23.21	173
45	45.51		5.45	0.045	9	8.95	23.27	172

Sampling Time: 1230

Notes:

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.

(2) - Stabilization criteria based on three most recent consecutive measurements.

(3) - Total drawdown in well to be less than 0.1 m (0.32 ft). Purging rate to be lowered as necessary to keep drawdown below 0.1 m (0.32 ft).

Site Name: Joslyn Clark
Low-Flow Groundwater Sampling Form

ERM NC, PC
8000 Corporate Center, Suite 200
Charlotte, NC 28226

ERM

Well ID: MW-3
Date: 9/30/9
Sampling Personnel: T. Fisher
Weather Conditions: Sunny
Time: 1010
File Name:

Total Depth (T.D.): 55
Depth to Water (D.T.W.): [1] 44.43
Total Volume Purged:
Purge Rate: 150 mL/min
Tubing Type: Poly
Pump Intake (ft below M.P.): 54

Screen Length: 15
Well Diameter: 2
Casing Type: PVC
Sampling Device: 36 monsoon
Measuring Point: TOC
color: clear odor: None

Time: (min)	DTW: (feet)	Volume Purged (liters)	pH (std units)	SpC (uS/cm)	Turb NTU	DO (mg/L)	Temp (°C)	ORP mV
Stabalization Criteria[2]	(see note below)[3]		~ 0.2 unit	~ 10%	< 10 NTU	~ 10%	~ 10%	~ 10 mV
0	44.43	150 mL/min	6.95	0.049	329	6.93	22.09	79
5	46.90		6.37	0.050	157	7.36	22.83	70
10	47.21		6.26	0.051	128	7.22	23.51	57
15	47.50		6.19	0.051	85	7.22	23.94	57
20	48.23		6.01	0.047	41	7.28	24.53	73
25	48.38		6.09	0.048	40	7.26	24.62	68
30	48.54		6.01	0.048	15	7.17	24.72	71
35	48.63		6.00	0.048	10	7.17	24.76	71
40	48.72	↓	6.00	0.048	9	7.14	24.76	71
4								

Sampling Time: 1050

Notes:

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.

(2) - Stabilization criteria based on three most recent consecutive measurements.

(3) - Total drawdown in well to be less than 0.1 m (0.32 ft). Purging rate to be lowered as necessary to keep drawdown below 0.1 m (0.32 ft).

Site Name: Joslyn Clark
Low-Flow Groundwater Sampling Form

ERM NC, PC
8000 Corporate Center, Suite 200
Charlotte, NC 28226

Well ID:	MW-4
Date:	9/30/19
Sampling Personnel:	T. Fisher
Weather Conditions:	Sunny
Time:	1505
File Name:	

Total Depth (T.D.):	56	Screen Length:	15
Depth to Water (D.T.W): (1)	44.56	Well Diameter:	2
Total Volume Purged:		Casing Type:	PVC
Purge Rate:	200 mL/min	Sampling Device:	SS Monsoon
Tubing Type:	Poly	Measuring Point:	TOC
Pump Intake (ft below M.P.):	54	color: Clear	odor: None

Time: (min)	DTW: (feet)	Volume Purged (liters)	pH (std units)	SpC (uS/cm)	Turb NTU	DO (mg/L)	Temp (°C)	ORP mV
Stabalization Criteria[2]	(see note below)[3]		~ 0.2 unit	~ 10%	< 10 NTU	~ 10%	~ 10%	~ 10 mV
0	44.56		5.61	0.021	469	7.59	18.95	206
5			5.22	0.019	348	7.58	19.40	215
10			5.17	0.019	279	7.39	19.85	213
15			5.15	0.018	238	7.59	20.23	214
20			5.12	0.018	218	7.46	20.28	216
25			5.10	0.017	192	7.53	20.34	220
30			5.06	0.018	160	7.63	20.46	224
35			5.07	0.018	140	7.68	20.44	226
40			5.13	0.018	104	7.91	20.58	222
45			5.07	0.018	78	7.65	20.58	225
50			5.09	0.018	56	7.59	20.58	225
55			5.11	0.019	23	7.60	20.59	225
60			5.18	0.019	12	7.56	20.62	222
65			5.15	0.019	10	7.54	20.63	226
70			5.17	0.019	10	7.52	20.66	225

Sampling Time: 1520

Notes:

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.

(2) - Stabilization criteria based on three most recent consecutive measurements.

(3) - Total drawdown in well to be less than 0.1 m (0.32 ft). Purging rate to be lowered as necessary to keep drawdown below 0.1 m (0.32 ft).

Site Name: Joslyn Clark
Low-Flow Groundwater Sampling Form

ERM NC, PC
8000 Corporate Center, Suite 200
Charlotte, NC 28226

ERM

Well ID: MW-5
Date: 10/11/19
Sampling Personnel: T. Fisher
Weather Conditions: Sunny 65°F
Time: 1205
File Name:

Total Depth (T.D.): 55
Depth to Water (D.T.W): (1) 46.59
Total Volume Purged:
Purge Rate: 200 ml/min
Tubing Type: Poly
Pump Intake (ft below M.P.): 54

Screen Length: 15
Well Diameter: 2
Casing Type: PVC
Sampling Device: QS Monsoon
Measuring Point: TOC
color: clear odor: None

Time: (min)	DTW: (feet)	Volume Purged (liters)	pH (std units)	SpC (uS/cm)	Turb NTU	DO (mg/L)	Temp (°C)	ORP mV
Stabalization Criteria[2]	(see note below)[3]		~ 0.2 unit	~ 10%	< 10 NTU	~ 10%	~ 10%	~ 10 mV
0	46.59		5.56	0.067	7999	9.07	19.64	214
20	47.40		5.62	0.075	7999	9.08	20.35	231
30	47.22		5.47	0.076	245	8.15	20.56	215
40	47.21		5.47	0.071	184	8.02	20.88	199
50	47.21		5.45	0.066	111	8.10	20.95	197
60	47.20		5.45	0.066	87	7.89	21.09	191
70	47.17		5.48	0.065	52	7.84	21.19	189
80	47.16		5.48	0.065	27	7.82	21.19	191
85	47.15		5.49	0.065	9	7.75	21.21	190
90	47.15		5.49	0.065	9	7.74	21.23	189
95	47.15		5.49	0.065	10	7.73	21.24	189

Sampling Time: 1345

Dup-1 / Equip Blank EB-1 1205

Notes:

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.

(2) - Stabilization criteria based on three most recent consecutive measurements.

(3) - Total drawdown in well to be less than 0.1 m (0.32 ft). Purging rate to be lowered as necessary to keep drawdown below 0.1 m (0.32 ft).

Site Name: Joslyn Clark
Low-Flow Groundwater Sampling Form

ERM NC, PC
8000 Corporate Center, Suite 200
Charlotte, NC 28226

ERM

Well ID: MW-6
Date: 10/11/9
Sampling Personnel: T. Fisher
Weather Conditions: Sunny 56° F clear
Time: 915
File Name:

Total Depth (T.D.): 55
Depth to Water (D.T.W.): (1) 49.23
Total Volume Purged:
Purge Rate: 250 mL/min
Tubing Type: Poly
Pump Intake (ft below M.P.): 54

Screen Length: 15
Well Diameter: 2
Casing Type: PVC
Sampling Device: SS monsoon
Measuring Point: TOC
color: odor:

Time: (min)	DTW: (feet)	Volume Purged (liters)	pH (std units)	SpC (uS/cm)	Turb NTU	DO (mg/L)	Temp (°C)	ORP mV
Stabalization Criteria[2]	(see note below)[3]		~ 0.2 unit	~ 10%	< 10 NTU	~ 10%	~ 10%	~ 10 mV
0	49.23		5.53	0.062	548	6.94	18.68	209
20	50.90		5.45	0.061	70	6.48	20.40	190
30	51.12		5.44	0.056	40	6.08	20.79	193
40	51.25		5.47	0.054	28	5.87	21.00	193
50	51.32		5.52	0.053	20	5.72	21.25	191
60	51.35		5.56	0.054	11	5.56	21.39	191
70	51.37		5.58	0.054	10	5.49	21.50	188
75	51.38		5.59	0.054	10	5.44	21.73	187

Sampling Time: 1035

Notes:

(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.

(2) - Stabilization criteria based on three most recent consecutive measurements.

(3) - Total drawdown in well to be less than 0.1 m (0.32 ft). Purging rate to be lowered as necessary to keep drawdown below 0.1 m (0.32 ft).

Site Name: Joslyn Clark
Low-Flow Groundwater Sampling Form

ERM NC, PC
8000 Corporate Center, Suite 200
Charlotte, NC 28226

ERM

Well ID: MW-7
Date: 10/1/09
Sampling Personnel: T. Fisher
Weather Conditions: Sunny 63°F
Time: 1055
File Name:

Total Depth (T.D.): 55
Depth to Water (D.T.W): [1] 49.63
Total Volume Purged: calculate
Purge Rate: 200 mL/min
Tubing Type: Poly
Pump Intake (ft below M.P.): 54

Screen Length: 15
Well Diameter: 2
Casing Type: PVC
Sampling Device: GS Monsoon
Measuring Point: TOC
color: clear odor: Non

Time: (min)	DTW: (feet)	Volume Purged (liters)	pH (std units)	SpC (uS/cm)	Turb NTU	DO (mg/L)	Temp (°C)	ORP mV
Stabalization Criteria[2]	(see note below)[3]		~ 0.2 unit	~ 10%	< 10 NTU	~ 10%	~ 10%	~ 10 mV
0	49.63		5.43	0.090	505	5.52	20.50	178
10	51.22		5.49	0.090	125	5.33	20.78	183
20	51.79		5.52	0.090	40	4.80	20.74	189
30	52.08		5.56	0.089	16	4.79	20.93	199
40	52.10		5.61	0.090	13	4.71	20.99	201
50	52.12		5.63	0.090	10	4.71	21.06	206
55	52.13		5.67	0.089	11	4.61	21.17	206
60	52.14		5.68	0.090	10	4.60	21.38	208

Sampling Time: 1200

Notes:

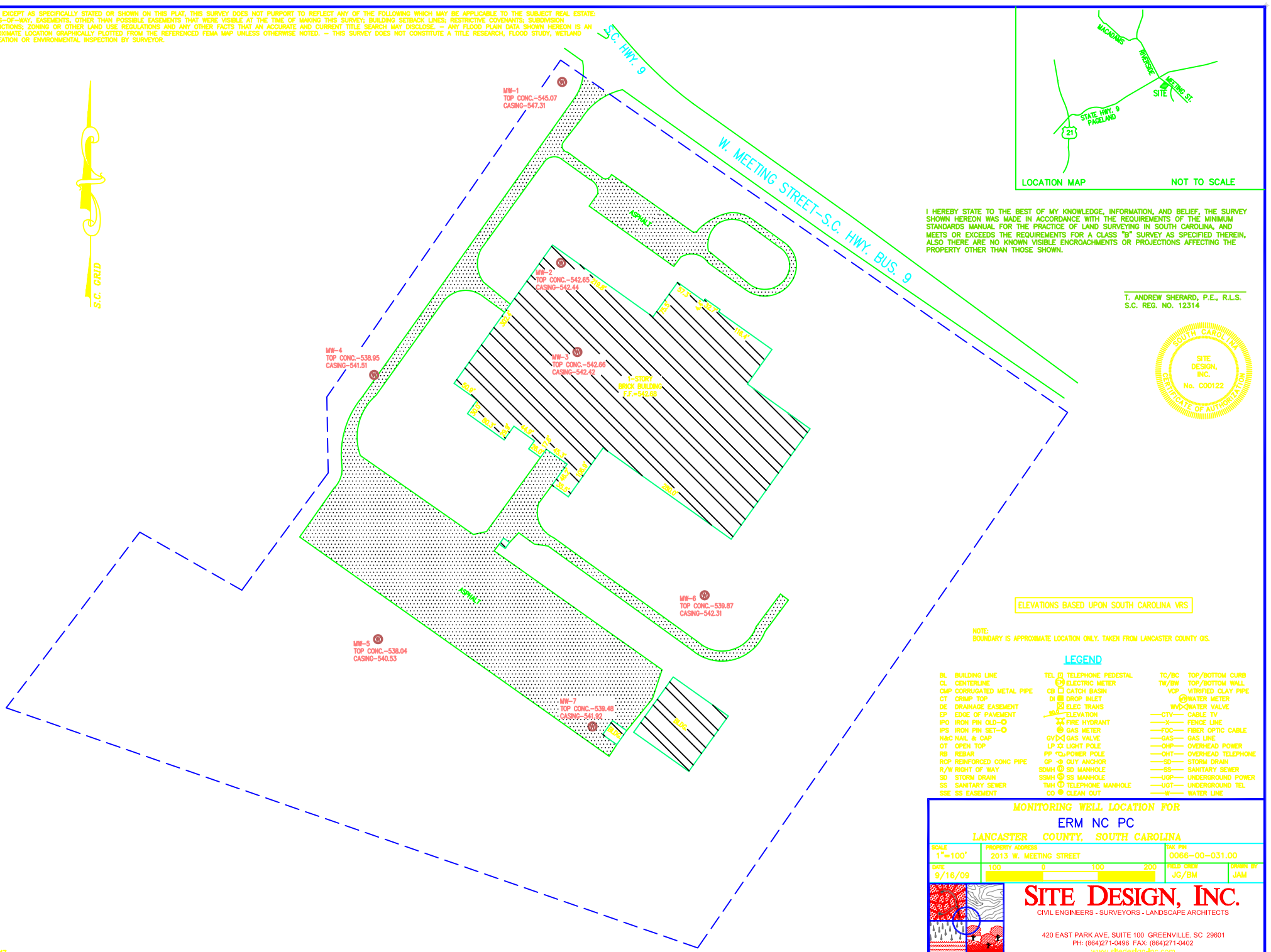
(1) - Do not measure depth to bottom of well until after purging and sampling to reduce resuspending fines that may be resting on the well bottom.

(2) - Stabilization criteria based on three most recent consecutive measurements.

(3) - Total drawdown in well to be less than 0.1 m (0.32 ft). Purging rate to be lowered as necessary to keep drawdown below 0.1 m (0.32 ft).

Appendix D
Site Survey

NOTE: EXCEPT AS SPECIFICALLY STATED OR SHOWN ON THIS PLAT, THIS SURVEY DOES NOT PURPORT TO REFLECT ANY OF THE FOLLOWING WHICH MAY BE APPLICABLE TO THE SUBJECT REAL ESTATE: RIGHTS-OF-WAY, EASEMENTS, OTHER THAN POSSIBLE EASEMENTS THAT WERE VISIBLE AT THE TIME OF MAKING THIS SURVEY; BUILDING SETBACK LINES; RESTRICTIVE COVENANTS; SUBDIVISION RESTRICTIONS; ZONING OR OTHER LAND USE REGULATIONS AND ANY OTHER FACTS THAT AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE. – ANY FLOOD PLAIN DATA SHOWN HEREON IS AN APPROXIMATE LOCATION GRAPHICALLY PLOTTED FROM THE REFERENCED FEMA MAP UNLESS OTHERWISE NOTED. – THIS SURVEY DOES NOT CONSTITUTE A TITLE RESEARCH, FLOOD STUDY, WETLAND DELINEATION OR ENVIRONMENTAL INSPECTION BY SURVEYOR.



I HEREBY STATE TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE SURVEY SHOWN HEREON WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE MINIMUM STANDARDS MANUAL FOR THE PRACTICE OF LAND SURVEYING IN SOUTH CAROLINA, AND MEETS OR EXCEEDS THE REQUIREMENTS FOR A CLASS "B" SURVEY AS SPECIFIED THEREIN, ALSO THERE ARE NO KNOWN VISIBLE ENCROACHMENTS OR PROJECTIONS AFFECTING THE PROPERTY OTHER THAN THOSE SHOWN.

T. ANDREW SHERARD, P.E., R.L.S.
S.C. REG. NO. 12314

SOUTH CAROLINA
SITE DESIGN, INC.
No. C00122
CERTIFICATE OF AUTHORIZATION

ELEVATIONS BASED UPON SOUTH CAROLINA VRS

NOTE:
BOUNDARY IS APPROXIMATE LOCATION ONLY. TAKEN FROM LANCASTER COUNTY GIS.

LEGEND

BL	BUILDING LINE	TEL	TELEPHONE PEDESTAL	TC/BC	TOP/BOTTOM CURB
CL	CENTERLINE	EM	ELECTRIC METER	TW/BW	TOP/BOTTOM WALL
CMP	CORRUGATED METAL PIPE	CB	CATCH BASIN	VCP	VITRIFIED CLAY PIPE
CT	CRIMP TOP	DI	DROP INLET	WM	WATER METER
DE	DRAINAGE EASEMENT		ELEC. TRANS	WV	WATER VALVE
EP	EDGE OF PAVEMENT	500	ELEVATION	CTV	CABLE TV
IPO	IRON PIN OLD-O		FIRE HYDRANT	X	FENCE LINE
IPS	IRON PIN SET-O		GAS METER	FOC	FIBER OPTIC CABLE
N&C	NAIL & CAP	GV	GAS VALVE	GAS	GAS LINE
OT	OPEN TOP	LP	LIGHT POLE	OHP	OVERHEAD POWER
RB	REBAR	PP	POWER POLE	OHT	OVERHEAD TELEPHONE
RCP	REINFORCED CONC PIPE	GP	GUY ANCHOR	SD	STORM DRAIN
R/W	RIGHT OF WAY	SDMH	SD MANHOLE	SS	SANITARY SEWER
SD	STORM DRAIN	SSMH	SS MANHOLE	UGP	UNDERGROUND POWER
SS	SANITARY SEWER	TMH	TELEPHONE MANHOLE	UGT	UNDERGROUND TEL
SSE	SS EASEMENT	CO	CLEAN OUT	W	WATER LINE

MONITORING WELL LOCATION FOR
ERM NC PC
LANCASTER COUNTY, SOUTH CAROLINA

SCALE	PROPERTY ADDRESS	TAX PIN
1"=100'	2013 W. MEETING STREET	0066-00-031.00
DATE: 9/16/09	100 0 100 200	FIELD CREW: JG/BM — DRAWN BY: JAM

SITE DESIGN, INC.
CIVIL ENGINEERS - SURVEYORS - LANDSCAPE ARCHITECTS
420 EAST PARK AVE, SUITE 100 GREENVILLE, SC 29601
PH: (864)271-0496 FAX: (864)271-0402
www.sitedesign-inc.com

S090247

Appendix E

Soil Sampling Laboratory Report

SHEALY ENVIRONMENTAL SERVICES, INC.

Report of Analysis

ERM-Southeast, Inc
8000 Corporate Center Drive
Suite 200
Charlotte, NC 28226
Attention: Michael Pressley

Project Name: **Joselyn Clark**

Project Number: **0099202**

Lot Number: **KD09058**

Date Completed: **04/17/2009**

Nisreen Saikaly
Project Manager

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

KD09058

Case Narrative
ERM-Southeast, Inc
Lot Number: KD09058

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

Sample Summary
ERM-Southeast, Inc
Lot Number: KD09058

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	GP-1 0-4'	Solid	04/07/2009 0945	04/09/2009
002	GP-1 16-20'	Solid	04/07/2009 1000	04/09/2009
003	GP-1 35-39'	Solid	04/07/2009 1030	04/09/2009
004	GP-2 0-4'	Solid	04/07/2009 1135	04/09/2009
005	GP-2 16-20'	Solid	04/07/2009 1145	04/09/2009
006	GP-2 32-35'	Solid	04/07/2009 1210	04/09/2009
007	GP-3 4-8'	Solid	04/07/2009 1355	04/09/2009
008	GP-3 12-16'	Solid	04/07/2009 1405	04/09/2009
009	GP-3 36-40'	Solid	04/07/2009 1505	04/09/2009
010	GP-4 8-10'	Solid	04/08/2009 0945	04/09/2009
011	GP-4 24-26'	Solid	04/08/2009 1345	04/09/2009
012	GP-4 38-40'	Solid	04/08/2009 1350	04/09/2009
013	GP-5 0-4'	Solid	04/07/2009 1650	04/09/2009
014	GP-5 24-28'	Solid	04/07/2009 1720	04/09/2009
015	GP-5 36-40'	Solid	04/07/2009 1738	04/09/2009
016	GP-6 4-5'	Solid	04/08/2009 0920	04/09/2009
017	GP-6 14-15'	Solid	04/08/2009 0935	04/09/2009
018	GP-6 36-38'	Solid	04/08/2009 0945	04/09/2009
019	GP-7 6-8'	Solid	04/08/2009 1000	04/09/2009
020	GP-8 6-8'	Solid	04/08/2009 1030	04/09/2009
021	GP-9 10-12'	Solid	04/08/2009 1230	04/09/2009
022	GP-9 26-28'	Solid	04/08/2009 1240	04/09/2009
023	GP-9 38-40'	Solid	04/08/2009 1250	04/09/2009
024	GP-10 6-8'	Solid	04/08/2009 1320	04/09/2009
025	GP-11 4-6'	Solid	04/08/2009 1520	04/09/2009
026	GP-11 18-20'	Solid	04/08/2009 1525	04/09/2009
027	GP-11 38-40'	Solid	04/08/2009 1530	04/09/2009
028	GP-12 8-10'	Solid	04/08/2009 1630	04/09/2009
029	GP-12 24-26'	Solid	04/08/2009 1635	04/09/2009
030	GP-12 35-37'	Solid	04/08/2009 1640	04/09/2009
031	GP-13 8-10'	Solid	04/08/2009 1640	04/09/2009
032	GP-13 24-26'	Solid	04/08/2009 1640	04/09/2009
033	GP-13 36-38'	Solid	04/08/2009 1640	04/09/2009
034	BG-1 0-4'	Solid	04/08/2009 1640	04/09/2009
035	BG-2 0-4'	Solid	04/08/2009 1640	04/09/2009
036	Trip Blank	Aqueous	04/09/2009 1705	04/09/2009

(36 samples)

Executive Summary
ERM-Southeast, Inc
Lot Number: KD09058

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	GP-1 0-4'	Solid	Antimony	6010C	0.62		mg/kg	13
001	GP-1 0-4'	Solid	Beryllium	6010C	0.43		mg/kg	13
001	GP-1 0-4'	Solid	Cadmium	6010C	0.28		mg/kg	13
001	GP-1 0-4'	Solid	Chromium	6010C	76		mg/kg	13
001	GP-1 0-4'	Solid	Copper	6010C	120		mg/kg	13
001	GP-1 0-4'	Solid	Lead	6010C	7.2		mg/kg	13
001	GP-1 0-4'	Solid	Silver	6010C	8.8		mg/kg	13
001	GP-1 0-4'	Solid	Zinc	6010C	200		mg/kg	13
002	GP-1 16-20'	Solid	Beryllium	6010C	0.60		mg/kg	19
002	GP-1 16-20'	Solid	Cadmium	6010C	0.33		mg/kg	19
002	GP-1 16-20'	Solid	Chromium	6010C	1.1		mg/kg	19
002	GP-1 16-20'	Solid	Copper	6010C	3.6		mg/kg	19
002	GP-1 16-20'	Solid	Lead	6010C	3.0		mg/kg	19
002	GP-1 16-20'	Solid	Zinc	6010C	36		mg/kg	19
003	GP-1 35-39'	Solid	Beryllium	6010C	1.3		mg/kg	25
003	GP-1 35-39'	Solid	Cadmium	6010C	0.36		mg/kg	25
003	GP-1 35-39'	Solid	Chromium	6010C	6.7		mg/kg	25
003	GP-1 35-39'	Solid	Copper	6010C	19		mg/kg	25
003	GP-1 35-39'	Solid	Lead	6010C	2.0		mg/kg	25
003	GP-1 35-39'	Solid	Silver	6010C	0.48		mg/kg	25
003	GP-1 35-39'	Solid	Zinc	6010C	35		mg/kg	25
004	GP-2 0-4'	Solid	Beryllium	6010C	0.64		mg/kg	31
004	GP-2 0-4'	Solid	Cadmium	6010C	0.97		mg/kg	31
004	GP-2 0-4'	Solid	Chromium	6010C	49		mg/kg	31
004	GP-2 0-4'	Solid	Copper	6010C	24		mg/kg	31
004	GP-2 0-4'	Solid	Lead	6010C	4.3		mg/kg	31
004	GP-2 0-4'	Solid	Nickel	6010C	2.4		mg/kg	31
004	GP-2 0-4'	Solid	Silver	6010C	0.96		mg/kg	31
004	GP-2 0-4'	Solid	Zinc	6010C	170		mg/kg	31
005	GP-2 16-20'	Solid	Xylenes (total)	8260B	7.4		ug/kg	34
005	GP-2 16-20'	Solid	Arsenic	6010C	0.95		mg/kg	37
005	GP-2 16-20'	Solid	Beryllium	6010C	0.76		mg/kg	37
005	GP-2 16-20'	Solid	Cadmium	6010C	0.33		mg/kg	37
005	GP-2 16-20'	Solid	Chromium	6010C	160		mg/kg	37
005	GP-2 16-20'	Solid	Copper	6010C	16		mg/kg	37
005	GP-2 16-20'	Solid	Lead	6010C	1.1		mg/kg	37
005	GP-2 16-20'	Solid	Nickel	6010C	4.3		mg/kg	37
005	GP-2 16-20'	Solid	Silver	6010C	3.2		mg/kg	37
005	GP-2 16-20'	Solid	Zinc	6010C	21		mg/kg	37
006	GP-2 32-35'	Solid	Beryllium	6010C	1.0		mg/kg	43
006	GP-2 32-35'	Solid	Cadmium	6010C	0.47		mg/kg	43
006	GP-2 32-35'	Solid	Chromium	6010C	14		mg/kg	43
006	GP-2 32-35'	Solid	Copper	6010C	3.6		mg/kg	43
006	GP-2 32-35'	Solid	Lead	6010C	2.8		mg/kg	43
006	GP-2 32-35'	Solid	Nickel	6010C	4.5		mg/kg	43

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
006	GP-2 32-35'	Solid	Silver	6010C	0.34		mg/kg	43
006	GP-2 32-35'	Solid	Zinc	6010C	27		mg/kg	43
007	GP-3 4-8'	Solid	Beryllium	6010C	0.88		mg/kg	49
007	GP-3 4-8'	Solid	Cadmium	6010C	0.23		mg/kg	49
007	GP-3 4-8'	Solid	Chromium	6010C	1.4		mg/kg	49
007	GP-3 4-8'	Solid	Copper	6010C	0.70		mg/kg	49
007	GP-3 4-8'	Solid	Lead	6010C	7.0		mg/kg	49
007	GP-3 4-8'	Solid	Zinc	6010C	27		mg/kg	49
008	GP-3 12-16'	Solid	Beryllium	6010C	0.79		mg/kg	55
008	GP-3 12-16'	Solid	Cadmium	6010C	0.29		mg/kg	55
008	GP-3 12-16'	Solid	Chromium	6010C	1.6		mg/kg	55
008	GP-3 12-16'	Solid	Lead	6010C	6.0		mg/kg	55
008	GP-3 12-16'	Solid	Zinc	6010C	22		mg/kg	55
009	GP-3 36-40'	Solid	Trichloroethene	8260B	43		ug/kg	58
009	GP-3 36-40'	Solid	Arsenic	6010C	0.72		mg/kg	61
009	GP-3 36-40'	Solid	Beryllium	6010C	1.6		mg/kg	61
009	GP-3 36-40'	Solid	Cadmium	6010C	0.43		mg/kg	61
009	GP-3 36-40'	Solid	Chromium	6010C	0.65		mg/kg	61
009	GP-3 36-40'	Solid	Lead	6010C	24		mg/kg	61
009	GP-3 36-40'	Solid	Zinc	6010C	34		mg/kg	61
010	GP-4 8-10'	Solid	Beryllium	6010C	0.37		mg/kg	67
010	GP-4 8-10'	Solid	Cadmium	6010C	0.11		mg/kg	67
010	GP-4 8-10'	Solid	Chromium	6010C	33		mg/kg	67
010	GP-4 8-10'	Solid	Copper	6010C	2.8		mg/kg	67
010	GP-4 8-10'	Solid	Lead	6010C	2.8		mg/kg	67
010	GP-4 8-10'	Solid	Silver	6010C	0.60		mg/kg	67
010	GP-4 8-10'	Solid	Zinc	6010C	13		mg/kg	67
011	GP-4 24-26'	Solid	Arsenic	6010C	0.65		mg/kg	73
011	GP-4 24-26'	Solid	Beryllium	6010C	0.39		mg/kg	73
011	GP-4 24-26'	Solid	Chromium	6010C	1.6		mg/kg	73
011	GP-4 24-26'	Solid	Copper	6010C	0.58		mg/kg	73
011	GP-4 24-26'	Solid	Lead	6010C	0.71		mg/kg	73
011	GP-4 24-26'	Solid	Zinc	6010C	10		mg/kg	73
012	GP-4 38-40'	Solid	Arsenic	6010C	0.78		mg/kg	79
012	GP-4 38-40'	Solid	Beryllium	6010C	0.86		mg/kg	79
012	GP-4 38-40'	Solid	Cadmium	6010C	0.15		mg/kg	79
012	GP-4 38-40'	Solid	Chromium	6010C	3.0		mg/kg	79
012	GP-4 38-40'	Solid	Copper	6010C	2.4		mg/kg	79
012	GP-4 38-40'	Solid	Lead	6010C	2.2		mg/kg	79
012	GP-4 38-40'	Solid	Zinc	6010C	18		mg/kg	79
018	GP-6 36-38'	Solid	Trichloroethene	8260B	17		ug/kg	92
019	GP-7 6-8'	Solid	Beryllium	6010C	0.59		mg/kg	97
019	GP-7 6-8'	Solid	Cadmium	6010C	0.50		mg/kg	97
019	GP-7 6-8'	Solid	Chromium	6010C	4.4		mg/kg	97
019	GP-7 6-8'	Solid	Copper	6010C	3.7		mg/kg	97
019	GP-7 6-8'	Solid	Lead	6010C	8.8		mg/kg	97
019	GP-7 6-8'	Solid	Nickel	6010C	5.2		mg/kg	97
019	GP-7 6-8'	Solid	Silver	6010C	0.53		mg/kg	97

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
019	GP-7 6-8'	Solid	Zinc	6010C	19		mg/kg	97
020	GP-8 6-8'	Solid	Arsenic	6010C	1.2		mg/kg	103
020	GP-8 6-8'	Solid	Beryllium	6010C	1.5		mg/kg	103
020	GP-8 6-8'	Solid	Chromium	6010C	110		mg/kg	103
020	GP-8 6-8'	Solid	Copper	6010C	56		mg/kg	103
020	GP-8 6-8'	Solid	Lead	6010C	36		mg/kg	103
020	GP-8 6-8'	Solid	Nickel	6010C	39		mg/kg	103
020	GP-8 6-8'	Solid	Silver	6010C	3.4		mg/kg	103
020	GP-8 6-8'	Solid	Zinc	6010C	30		mg/kg	103
021	GP-9 10-12'	Solid	cis-1,2-Dichloroethene	8260B	10		ug/kg	105
021	GP-9 10-12'	Solid	Trichloroethene	8260B	200		ug/kg	106
021	GP-9 10-12'	Solid	Arsenic	6010C	1.5		mg/kg	109
021	GP-9 10-12'	Solid	Beryllium	6010C	1.9		mg/kg	109
021	GP-9 10-12'	Solid	Cadmium	6010C	1.1		mg/kg	109
021	GP-9 10-12'	Solid	Chromium	6010C	170		mg/kg	109
021	GP-9 10-12'	Solid	Copper	6010C	59		mg/kg	109
021	GP-9 10-12'	Solid	Lead	6010C	14		mg/kg	109
021	GP-9 10-12'	Solid	Nickel	6010C	48		mg/kg	109
021	GP-9 10-12'	Solid	Silver	6010C	2.4		mg/kg	109
021	GP-9 10-12'	Solid	Zinc	6010C	32		mg/kg	109
022	GP-9 26-28'	Solid	Trichloroethene	8260B	39		ug/kg	112
022	GP-9 26-28'	Solid	Arsenic	6010C	2.2		mg/kg	115
022	GP-9 26-28'	Solid	Beryllium	6010C	0.35		mg/kg	115
022	GP-9 26-28'	Solid	Chromium	6010C	0.70		mg/kg	115
022	GP-9 26-28'	Solid	Copper	6010C	0.83		mg/kg	115
023	GP-9 38-40'	Solid	cis-1,2-Dichloroethene	8260B	8.6		ug/kg	117
023	GP-9 38-40'	Solid	Tetrachloroethene	8260B	18		ug/kg	117
023	GP-9 38-40'	Solid	Trichloroethene	8260B	320		ug/kg	118
023	GP-9 38-40'	Solid	Beryllium	6010C	0.84		mg/kg	121
023	GP-9 38-40'	Solid	Cadmium	6010C	0.40		mg/kg	121
023	GP-9 38-40'	Solid	Chromium	6010C	1.7		mg/kg	121
023	GP-9 38-40'	Solid	Copper	6010C	6.2		mg/kg	121
023	GP-9 38-40'	Solid	Lead	6010C	6.6		mg/kg	121
023	GP-9 38-40'	Solid	Nickel	6010C	6.4		mg/kg	121
023	GP-9 38-40'	Solid	Zinc	6010C	80		mg/kg	121
024	GP-10 6-8'	Solid	Trichloroethene	8260B	6.7		ug/kg	124
024	GP-10 6-8'	Solid	Arsenic	6010C	1.6		mg/kg	127
024	GP-10 6-8'	Solid	Beryllium	6010C	0.39		mg/kg	127
024	GP-10 6-8'	Solid	Chromium	6010C	16		mg/kg	127
024	GP-10 6-8'	Solid	Copper	6010C	17		mg/kg	127
024	GP-10 6-8'	Solid	Lead	6010C	16		mg/kg	127
024	GP-10 6-8'	Solid	Nickel	6010C	4.1		mg/kg	127
024	GP-10 6-8'	Solid	Silver	6010C	1.1		mg/kg	127
024	GP-10 6-8'	Solid	Zinc	6010C	21		mg/kg	127
025	GP-11 4-6'	Solid	Xylenes (total)	8260B	97		ug/kg	130
025	GP-11 4-6'	Solid	Arsenic	6010C	0.71		mg/kg	133
025	GP-11 4-6'	Solid	Beryllium	6010C	0.95		mg/kg	133
025	GP-11 4-6'	Solid	Cadmium	6010C	0.47		mg/kg	133

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
025	GP-11 4-6'	Solid	Chromium	6010C	28		mg/kg	133
025	GP-11 4-6'	Solid	Copper	6010C	11		mg/kg	133
025	GP-11 4-6'	Solid	Lead	6010C	15		mg/kg	133
025	GP-11 4-6'	Solid	Nickel	6010C	11		mg/kg	133
025	GP-11 4-6'	Solid	Silver	6010C	0.40		mg/kg	133
025	GP-11 4-6'	Solid	Thallium	6010C	3.3		mg/kg	133
025	GP-11 4-6'	Solid	Zinc	6010C	29		mg/kg	133
026	GP-11 18-20'	Solid	Beryllium	6010C	0.66		mg/kg	139
026	GP-11 18-20'	Solid	Cadmium	6010C	0.14		mg/kg	139
026	GP-11 18-20'	Solid	Chromium	6010C	6.0		mg/kg	139
026	GP-11 18-20'	Solid	Copper	6010C	3.3		mg/kg	139
026	GP-11 18-20'	Solid	Lead	6010C	6.3		mg/kg	139
026	GP-11 18-20'	Solid	Nickel	6010C	2.2		mg/kg	139
026	GP-11 18-20'	Solid	Zinc	6010C	29		mg/kg	139
027	GP-11 38-40'	Solid	Beryllium	6010C	0.69		mg/kg	145
027	GP-11 38-40'	Solid	Chromium	6010C	7.2		mg/kg	145
027	GP-11 38-40'	Solid	Copper	6010C	1.7		mg/kg	145
027	GP-11 38-40'	Solid	Lead	6010C	2.8		mg/kg	145
027	GP-11 38-40'	Solid	Zinc	6010C	19		mg/kg	145
028	GP-12 8-10'	Solid	Beryllium	6010C	0.40		mg/kg	151
028	GP-12 8-10'	Solid	Cadmium	6010C	0.12		mg/kg	151
028	GP-12 8-10'	Solid	Chromium	6010C	0.79		mg/kg	151
028	GP-12 8-10'	Solid	Copper	6010C	1.7		mg/kg	151
028	GP-12 8-10'	Solid	Lead	6010C	3.6		mg/kg	151
028	GP-12 8-10'	Solid	Silver	6010C	0.28		mg/kg	151
028	GP-12 8-10'	Solid	Zinc	6010C	12		mg/kg	151
029	GP-12 24-26'	Solid	Beryllium	6010C	0.58		mg/kg	157
029	GP-12 24-26'	Solid	Chromium	6010C	4.3		mg/kg	157
029	GP-12 24-26'	Solid	Copper	6010C	0.58		mg/kg	157
029	GP-12 24-26'	Solid	Lead	6010C	1.3		mg/kg	157
029	GP-12 24-26'	Solid	Zinc	6010C	18		mg/kg	157
030	GP-12 35-37'	Solid	Beryllium	6010C	0.66		mg/kg	163
030	GP-12 35-37'	Solid	Cadmium	6010C	0.15		mg/kg	163
030	GP-12 35-37'	Solid	Chromium	6010C	1.2		mg/kg	163
030	GP-12 35-37'	Solid	Copper	6010C	0.60		mg/kg	163
030	GP-12 35-37'	Solid	Lead	6010C	0.78		mg/kg	163
030	GP-12 35-37'	Solid	Silver	6010C	0.29		mg/kg	163
030	GP-12 35-37'	Solid	Zinc	6010C	16		mg/kg	163
031	GP-13 8-10'	Solid	Beryllium	6010C	0.49		mg/kg	169
031	GP-13 8-10'	Solid	Cadmium	6010C	0.11		mg/kg	169
031	GP-13 8-10'	Solid	Chromium	6010C	1.0		mg/kg	169
031	GP-13 8-10'	Solid	Copper	6010C	1.2		mg/kg	169
031	GP-13 8-10'	Solid	Lead	6010C	3.7		mg/kg	169
031	GP-13 8-10'	Solid	Zinc	6010C	21		mg/kg	169
032	GP-13 24-26'	Solid	Arsenic	6010C	0.67		mg/kg	175
032	GP-13 24-26'	Solid	Beryllium	6010C	0.75		mg/kg	175
032	GP-13 24-26'	Solid	Cadmium	6010C	0.17		mg/kg	175
032	GP-13 24-26'	Solid	Chromium	6010C	2.6		mg/kg	175

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
032	GP-13 24-26'	Solid	Copper	6010C	1.2		mg/kg	175
032	GP-13 24-26'	Solid	Lead	6010C	1.2		mg/kg	175
032	GP-13 24-26'	Solid	Zinc	6010C	18		mg/kg	175
033	GP-13 36-38'	Solid	Beryllium	6010C	0.78		mg/kg	181
033	GP-13 36-38'	Solid	Cadmium	6010C	0.22		mg/kg	181
033	GP-13 36-38'	Solid	Chromium	6010C	0.45		mg/kg	181
033	GP-13 36-38'	Solid	Lead	6010C	1.2		mg/kg	181
033	GP-13 36-38'	Solid	Zinc	6010C	11		mg/kg	181
034	BG-1 0-4'	Solid	Arsenic	6010C	4.5		mg/kg	183
034	BG-1 0-4'	Solid	Beryllium	6010C	0.44		mg/kg	183
034	BG-1 0-4'	Solid	Chromium	6010C	13		mg/kg	183
034	BG-1 0-4'	Solid	Copper	6010C	8.1		mg/kg	183
034	BG-1 0-4'	Solid	Lead	6010C	13		mg/kg	183
034	BG-1 0-4'	Solid	Nickel	6010C	4.4		mg/kg	183
034	BG-1 0-4'	Solid	Silver	6010C	1.2		mg/kg	183
034	BG-1 0-4'	Solid	Zinc	6010C	18		mg/kg	183
035	BG-2 0-4'	Solid	Arsenic	6010C	0.84		mg/kg	185
035	BG-2 0-4'	Solid	Beryllium	6010C	0.54		mg/kg	185
035	BG-2 0-4'	Solid	Cadmium	6010C	0.19		mg/kg	185
035	BG-2 0-4'	Solid	Chromium	6010C	0.80		mg/kg	185
035	BG-2 0-4'	Solid	Copper	6010C	7.5		mg/kg	185
035	BG-2 0-4'	Solid	Lead	6010C	3.9		mg/kg	185
035	BG-2 0-4'	Solid	Nickel	6010C	2.6		mg/kg	185
035	BG-2 0-4'	Solid	Silver	6010C	0.39		mg/kg	185
035	BG-2 0-4'	Solid	Zinc	6010C	29		mg/kg	185

(214 detections)

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-001
Description: GP-1 0-4'
Matrix: Solid
Date Sampled: 04/07/2009 0945
% Solids: 87.0 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/14/2009 1955	DLB		98784	5.08

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		23	ug/kg	1
Benzene	71-43-2	8260B	ND		5.6	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.6	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.6	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.6	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.6	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.6	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.6	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.6	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.6	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.6	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.6	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.6	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.6	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.6	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.6	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.6	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.6	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.6	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.6	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.6	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.6	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.6	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.6	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.6	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.6	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.6	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.6	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.6	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.6	ug/kg	1
Styrene	100-42-5	8260B	ND		5.6	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.6	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.6	ug/kg	1
Toluene	108-88-3	8260B	ND		5.6	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.6	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.6	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.6	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.6	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-001
Description: GP-1 0-4'
Matrix: Solid
Date Sampled: 04/07/2009 0945
% Solids: 87.0 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/14/2009 1955	DLB		98784	5.08

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.6	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.6	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.6	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		62	53-142
Bromofluorobenzene		70	47-138
Toluene-d8		72	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-001
Description: GP-1 0-4'
Matrix: Solid
Date Sampled: 04/07/2009 0945
% Solids: 87.0 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1307	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		380	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		380	ug/kg	1
Acetophenone	98-86-2	8270D	ND		380	ug/kg	1
Anthracene	120-12-7	8270D	ND		380	ug/kg	1
Atrazine	1912-24-9	8270D	ND		380	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		950	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		380	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		380	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		380	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		380	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		380	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		380	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		380	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		380	ug/kg	1
Caprolactam	105-60-2	8270D	ND		950	ug/kg	1
Carbazole	86-74-8	8270D	ND		380	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		380	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		380	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		380	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		380	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		380	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		380	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		380	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		380	ug/kg	1
Chrysene	218-01-9	8270D	ND		380	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		380	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		380	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		380	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		380	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		950	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		380	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		380	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		380	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		380	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		950	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		950	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		380	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		380	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		380	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		380	ug/kg	1
Fluorene	86-73-7	8270D	ND		380	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		380	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		380	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		950	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
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P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-001
Description: GP-1 0-4'
Matrix: Solid
Date Sampled: 04/07/2009 0945
% Solids: 87.0 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1307	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		380	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		380	ug/kg	1
Isophorone	78-59-1	8270D	ND		380	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		380	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		380	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270D	ND		760	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		380	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		380	ug/kg	1
Naphthalene	91-20-3	8270D	ND		380	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		380	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		380	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		380	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		380	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		380	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		950	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		950	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		380	ug/kg	1
Phenol	108-95-2	8270D	ND		380	ug/kg	1
Pyrene	129-00-0	8270D	ND		380	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		380	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		380	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		64	30-117
2-Fluorobiphenyl		76	33-102
2-Fluorophenol		56	28-104
Nitrobenzene-d5		71	22-109
Phenol-d5		61	27-103
Terphenyl-d14		73	41-120

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Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

ICP-AES

Client: ERM-Southeast, Inc
Description: GP-1 0-4'
Date Sampled: 04/07/2009 0945
Date Received: 04/09/2009

Laboratory ID: KD09058-001
Matrix: Solid
% Solids: 87.0 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 1708	CDF	04/09/2009 2345	98537

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	0.62		0.57	mg/kg	1
Arsenic	7440-38-2	6010C	ND		0.57	mg/kg	1
Beryllium	7440-41-7	6010C	0.43		0.23	mg/kg	1
Cadmium	7440-43-9	6010C	0.28		0.11	mg/kg	1
Chromium	7440-47-3	6010C	76		0.29	mg/kg	1
Copper	7440-50-8	6010C	120		0.29	mg/kg	1
Lead	7439-92-1	6010C	7.2		0.57	mg/kg	1
Nickel	7440-02-0	6010C	ND		2.3	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.57	mg/kg	1
Silver	7440-22-4	6010C	8.8		0.29	mg/kg	1
Thallium	7440-28-0	6010C	ND		2.9	mg/kg	1
Zinc	7440-66-6	6010C	200		2.9	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-001
Description: GP-1 0-4'
Matrix: Solid
Date Sampled: 04/07/2009 0945
% Solids: 87.0 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1755	BNW	04/10/2009 1613	98541

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.095	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-002
Description: GP-1 16-20'
Matrix: Solid
Date Sampled: 04/07/2009 1000
% Solids: 87.9 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/14/2009 2018	DLB		98784	5.11

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		22	ug/kg	1
Benzene	71-43-2	8260B	ND		5.6	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.6	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.6	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.6	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.6	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.6	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.6	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.6	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.6	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.6	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.6	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.6	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.6	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.6	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.6	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.6	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.6	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.6	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.6	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.6	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.6	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.6	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.6	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.6	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.6	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.6	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.6	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.6	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.6	ug/kg	1
Styrene	100-42-5	8260B	ND		5.6	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.6	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.6	ug/kg	1
Toluene	108-88-3	8260B	ND		5.6	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.6	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.6	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.6	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.6	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-002
Description: GP-1 16-20'
Matrix: Solid
Date Sampled: 04/07/2009 1000
% Solids: 87.9 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/14/2009 2018	DLB		98784	5.11

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.6	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.6	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.6	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		88	53-142
Bromofluorobenzene		98	47-138
Toluene-d8		95	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-002
Description: GP-1 16-20'
Matrix: Solid
Date Sampled: 04/07/2009 1000
% Solids: 87.9 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1326	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		370	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		370	ug/kg	1
Acetophenone	98-86-2	8270D	ND		370	ug/kg	1
Anthracene	120-12-7	8270D	ND		370	ug/kg	1
Atrazine	1912-24-9	8270D	ND		370	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		930	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		370	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		370	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		370	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		370	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		370	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		370	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		370	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		370	ug/kg	1
Caprolactam	105-60-2	8270D	ND		930	ug/kg	1
Carbazole	86-74-8	8270D	ND		370	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		370	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		370	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		370	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		370	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		370	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		370	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		370	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		370	ug/kg	1
Chrysene	218-01-9	8270D	ND		370	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		370	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		370	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		370	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		370	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		930	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		370	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		370	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		370	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		370	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		930	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		930	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		370	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		370	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		370	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		370	ug/kg	1
Fluorene	86-73-7	8270D	ND		370	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		370	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		370	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		930	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-002
Description: GP-1 16-20'
Matrix: Solid
Date Sampled: 04/07/2009 1000
% Solids: 87.9 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1326	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		370	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		370	ug/kg	1
Isophorone	78-59-1	8270D	ND		370	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		370	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		370	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270D	ND		750	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		370	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		370	ug/kg	1
Naphthalene	91-20-3	8270D	ND		370	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		370	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		370	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		370	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		370	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		370	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		930	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		930	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		370	ug/kg	1
Phenol	108-95-2	8270D	ND		370	ug/kg	1
Pyrene	129-00-0	8270D	ND		370	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		370	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		370	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		80	30-117
2-Fluorobiphenyl		78	33-102
2-Fluorophenol		67	28-104
Nitrobenzene-d5		74	22-109
Phenol-d5		70	27-103
Terphenyl-d14		79	41-120

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

ICP-AES

Client: ERM-Southeast, Inc
Description: GP-1 16-20'
Date Sampled: 04/07/2009 1000
Date Received: 04/09/2009

Laboratory ID: KD09058-002
Matrix: Solid
% Solids: 87.9 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 1734	CDF	04/09/2009 2345	98537

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.57	mg/kg	1
Arsenic	7440-38-2	6010C	ND		0.57	mg/kg	1
Beryllium	7440-41-7	6010C	0.60		0.23	mg/kg	1
Cadmium	7440-43-9	6010C	0.33		0.11	mg/kg	1
Chromium	7440-47-3	6010C	1.1		0.28	mg/kg	1
Copper	7440-50-8	6010C	3.6		0.28	mg/kg	1
Lead	7439-92-1	6010C	3.0		0.57	mg/kg	1
Nickel	7440-02-0	6010C	ND		2.3	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.57	mg/kg	1
Silver	7440-22-4	6010C	ND		0.28	mg/kg	1
Thallium	7440-28-0	6010C	ND		2.8	mg/kg	1
Zinc	7440-66-6	6010C	36		2.8	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-002
Description: GP-1 16-20'
Matrix: Solid
Date Sampled: 04/07/2009 1000
% Solids: 87.9 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1756	BNW	04/10/2009 1613	98541

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.094	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-003
Description: GP-1 35-39'
Matrix: Solid
Date Sampled: 04/07/2009 1030
% Solids: 81.5 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/14/2009 2041	DLB		98784	5.68

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		22	ug/kg	1
Benzene	71-43-2	8260B	ND		5.4	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.4	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.4	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.4	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.4	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.4	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.4	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.4	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.4	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.4	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.4	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.4	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.4	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.4	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.4	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.4	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.4	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.4	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.4	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.4	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.4	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.4	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.4	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.4	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.4	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.4	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.4	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.4	ug/kg	1
Styrene	100-42-5	8260B	ND		5.4	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.4	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.4	ug/kg	1
Toluene	108-88-3	8260B	ND		5.4	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.4	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.4	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.4	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.4	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-003
Description: GP-1 35-39'
Matrix: Solid
Date Sampled: 04/07/2009 1030
% Solids: 81.5 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/14/2009 2041	DLB		98784	5.68

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.4	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.4	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.4	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		81	53-142
Bromofluorobenzene		88	47-138
Toluene-d8		85	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
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E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-003
Description: GP-1 35-39'
Matrix: Solid
Date Sampled: 04/07/2009 1030
% Solids: 81.5 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1345	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		400	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		400	ug/kg	1
Acetophenone	98-86-2	8270D	ND		400	ug/kg	1
Anthracene	120-12-7	8270D	ND		400	ug/kg	1
Atrazine	1912-24-9	8270D	ND		400	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		1000	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		400	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		400	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		400	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		400	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		400	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		400	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		400	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		400	ug/kg	1
Caprolactam	105-60-2	8270D	ND		1000	ug/kg	1
Carbazole	86-74-8	8270D	ND		400	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		400	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		400	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		400	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		400	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		400	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		400	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		400	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		400	ug/kg	1
Chrysene	218-01-9	8270D	ND		400	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		400	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		400	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		400	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		400	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		1000	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		400	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		400	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		400	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		400	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		1000	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		1000	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		400	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		400	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		400	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		400	ug/kg	1
Fluorene	86-73-7	8270D	ND		400	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		400	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		400	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		1000	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-003
Description: GP-1 35-39'
Matrix: Solid
Date Sampled: 04/07/2009 1030
% Solids: 81.5 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1345	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		400	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		400	ug/kg	1
Isophorone	78-59-1	8270D	ND		400	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		400	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		400	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270D	ND		810	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		400	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		400	ug/kg	1
Naphthalene	91-20-3	8270D	ND		400	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		400	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		400	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		400	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		400	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		400	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		1000	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		1000	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		400	ug/kg	1
Phenol	108-95-2	8270D	ND		400	ug/kg	1
Pyrene	129-00-0	8270D	ND		400	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		400	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		400	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		77	30-117
2-Fluorobiphenyl		62	33-102
2-Fluorophenol		50	28-104
Nitrobenzene-d5		52	22-109
Phenol-d5		55	27-103
Terphenyl-d14		77	41-120

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

ICP-AES

Client: ERM-Southeast, Inc
Description: GP-1 35-39'
Date Sampled: 04/07/2009 1030
Date Received: 04/09/2009

Laboratory ID: KD09058-003
Matrix: Solid
% Solids: 81.5 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 1741	CDF	04/09/2009 2345	98537

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.61	mg/kg	1
Arsenic	7440-38-2	6010C	ND		0.61	mg/kg	1
Beryllium	7440-41-7	6010C	1.3		0.24	mg/kg	1
Cadmium	7440-43-9	6010C	0.36		0.12	mg/kg	1
Chromium	7440-47-3	6010C	6.7		0.31	mg/kg	1
Copper	7440-50-8	6010C	19		0.31	mg/kg	1
Lead	7439-92-1	6010C	2.0		0.61	mg/kg	1
Nickel	7440-02-0	6010C	ND		2.4	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.61	mg/kg	1
Silver	7440-22-4	6010C	0.48		0.31	mg/kg	1
Thallium	7440-28-0	6010C	ND		3.1	mg/kg	1
Zinc	7440-66-6	6010C	35		3.1	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-003
Description: GP-1 35-39'
Matrix: Solid
Date Sampled: 04/07/2009 1030
% Solids: 81.5 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1757	BNW	04/10/2009 1613	98541

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.10	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-004
Description: GP-2 0-4'
Matrix: Solid
Date Sampled: 04/07/2009 1135
% Solids: 89.7 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/14/2009 2103	DLB		98784	5.23
2	5035	8260B	1	04/15/2009 1945	DLB		98862	5.03

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		22	ug/kg	2
Benzene	71-43-2	8260B	ND		5.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.3	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.3	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.3	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.3	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.3	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.3	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.3	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.3	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.3	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.3	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.3	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.3	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.3	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.3	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.3	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.3	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.3	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.3	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.3	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.3	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.3	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.3	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.3	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.3	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.3	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.3	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.3	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.3	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.3	ug/kg	1
Styrene	100-42-5	8260B	ND		5.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.3	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.3	ug/kg	1
Toluene	108-88-3	8260B	ND		5.3	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.3	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.3	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.3	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-004
Description: GP-2 0-4'
Matrix: Solid
Date Sampled: 04/07/2009 1135
% Solids: 89.7 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/14/2009 2103	DLB		98784	5.23
2	5035	8260B	1	04/15/2009 1945	DLB		98862	5.03

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.3	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.3	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.3	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.3	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.3	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		95	53-142		72	53-142
Bromofluorobenzene		104	47-138		86	47-138
Toluene-d8		100	68-124		87	68-124

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-004
Description: GP-2 0-4'
Matrix: Solid
Date Sampled: 04/07/2009 1135
% Solids: 89.7 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1404	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		360	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		360	ug/kg	1
Acetophenone	98-86-2	8270D	ND		360	ug/kg	1
Anthracene	120-12-7	8270D	ND		360	ug/kg	1
Atrazine	1912-24-9	8270D	ND		360	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		920	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		360	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		360	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		360	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		360	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		360	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		360	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		360	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		360	ug/kg	1
Caprolactam	105-60-2	8270D	ND		920	ug/kg	1
Carbazole	86-74-8	8270D	ND		360	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		360	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		360	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		360	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		360	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		360	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		360	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		360	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		360	ug/kg	1
Chrysene	218-01-9	8270D	ND		360	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		360	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		360	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		360	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		360	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		920	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		360	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		360	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		360	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		360	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		920	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		920	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		360	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		360	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		360	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		360	ug/kg	1
Fluorene	86-73-7	8270D	ND		360	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		360	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		360	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		920	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-004
Description: GP-2 0-4'
Matrix: Solid
Date Sampled: 04/07/2009 1135
% Solids: 89.7 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1404	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		360	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		360	ug/kg	1
Isophorone	78-59-1	8270D	ND		360	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		360	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		360	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270D	ND		740	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		360	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		360	ug/kg	1
Naphthalene	91-20-3	8270D	ND		360	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		360	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		360	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		360	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		360	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		360	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		920	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		920	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		360	ug/kg	1
Phenol	108-95-2	8270D	ND		360	ug/kg	1
Pyrene	129-00-0	8270D	ND		360	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		360	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		360	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		72	30-117
2-Fluorobiphenyl		62	33-102
2-Fluorophenol		55	28-104
Nitrobenzene-d5		58	22-109
Phenol-d5		62	27-103
Terphenyl-d14		73	41-120

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

ICP-AES

Client: ERM-Southeast, Inc
Description: GP-2 0-4'
Date Sampled: 04/07/2009 1135
Date Received: 04/09/2009

Laboratory ID: KD09058-004
Matrix: Solid
% Solids: 89.7 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 1807	CDF	04/09/2009 2345	98537

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.56	mg/kg	1
Arsenic	7440-38-2	6010C	ND		0.56	mg/kg	1
Beryllium	7440-41-7	6010C	0.64		0.22	mg/kg	1
Cadmium	7440-43-9	6010C	0.97		0.11	mg/kg	1
Chromium	7440-47-3	6010C	49		0.28	mg/kg	1
Copper	7440-50-8	6010C	24		0.28	mg/kg	1
Lead	7439-92-1	6010C	4.3		0.56	mg/kg	1
Nickel	7440-02-0	6010C	2.4		2.2	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.56	mg/kg	1
Silver	7440-22-4	6010C	0.96		0.28	mg/kg	1
Thallium	7440-28-0	6010C	ND		2.8	mg/kg	1
Zinc	7440-66-6	6010C	170		2.8	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: ERM-Southeast, Inc
Description: GP-2 0-4'
Date Sampled: 04/07/2009 1135
Date Received: 04/09/2009

Laboratory ID: KD09058-004
Matrix: Solid
% Solids: 89.7 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1758	BNW	04/10/2009 1613	98541

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.092	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-005
Description: GP-2 16-20'
Matrix: Solid
Date Sampled: 04/07/2009 1145
% Solids: 87.3 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/14/2009 2126	DLB		98784	4.81
2	5035	8260B	1	04/15/2009 2009	DLB		98862	4.42

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		26	ug/kg	2
Benzene	71-43-2	8260B	ND		6.0	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.0	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.0	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.0	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.0	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.0	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.0	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.0	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.0	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.0	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.0	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.0	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.0	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.0	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.0	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.0	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.0	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.0	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.0	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.0	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.0	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.0	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.0	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.0	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.0	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.0	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.0	ug/kg	1
Styrene	100-42-5	8260B	ND		6.0	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.0	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		6.0	ug/kg	1
Toluene	108-88-3	8260B	ND		6.0	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.0	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.0	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.0	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-005
Description: GP-2 16-20'
Matrix: Solid
Date Sampled: 04/07/2009 1145
% Solids: 87.3 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/14/2009 2126	DLB		98784	4.81
2	5035	8260B	1	04/15/2009 2009	DLB		98862	4.42

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.0	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.0	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.0	ug/kg	1
Xylenes (total)	1330-20-7	8260B	7.4		6.0	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		110	53-142		77	53-142
Bromofluorobenzene		127	47-138		82	47-138
Toluene-d8		121	68-124		78	68-124

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-005
Description: GP-2 16-20'
Matrix: Solid
Date Sampled: 04/07/2009 1145
% Solids: 87.3 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1423	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		380	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		380	ug/kg	1
Acetophenone	98-86-2	8270D	ND		380	ug/kg	1
Anthracene	120-12-7	8270D	ND		380	ug/kg	1
Atrazine	1912-24-9	8270D	ND		380	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		950	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		380	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		380	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		380	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		380	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		380	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		380	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		380	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		380	ug/kg	1
Caprolactam	105-60-2	8270D	ND		950	ug/kg	1
Carbazole	86-74-8	8270D	ND		380	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		380	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		380	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		380	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		380	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		380	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		380	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		380	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		380	ug/kg	1
Chrysene	218-01-9	8270D	ND		380	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		380	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		380	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		380	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		380	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		950	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		380	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		380	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		380	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		380	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		950	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		950	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		380	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		380	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		380	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		380	ug/kg	1
Fluorene	86-73-7	8270D	ND		380	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		380	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		380	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		950	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-005
Description: GP-2 16-20'
Matrix: Solid
Date Sampled: 04/07/2009 1145
% Solids: 87.3 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1423	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		380	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		380	ug/kg	1
Isophorone	78-59-1	8270D	ND		380	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		380	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		380	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270D	ND		770	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		380	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		380	ug/kg	1
Naphthalene	91-20-3	8270D	ND		380	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		380	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		380	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		380	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		380	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		380	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		950	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		950	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		380	ug/kg	1
Phenol	108-95-2	8270D	ND		380	ug/kg	1
Pyrene	129-00-0	8270D	ND		380	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		380	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		380	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		79	30-117
2-Fluorobiphenyl		75	33-102
2-Fluorophenol		73	28-104
Nitrobenzene-d5		74	22-109
Phenol-d5		72	27-103
Terphenyl-d14		76	41-120

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

ICP-AES

Client: ERM-Southeast, Inc
Description: GP-2 16-20'
Date Sampled: 04/07/2009 1145
Date Received: 04/09/2009

Laboratory ID: KD09058-005
Matrix: Solid
% Solids: 87.3 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 1813	CDF	04/09/2009 2345	98537

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.57	mg/kg	1
Arsenic	7440-38-2	6010C	0.95		0.57	mg/kg	1
Beryllium	7440-41-7	6010C	0.76		0.23	mg/kg	1
Cadmium	7440-43-9	6010C	0.33		0.11	mg/kg	1
Chromium	7440-47-3	6010C	160		0.29	mg/kg	1
Copper	7440-50-8	6010C	16		0.29	mg/kg	1
Lead	7439-92-1	6010C	1.1		0.57	mg/kg	1
Nickel	7440-02-0	6010C	4.3		2.3	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.57	mg/kg	1
Silver	7440-22-4	6010C	3.2		0.29	mg/kg	1
Thallium	7440-28-0	6010C	ND		2.9	mg/kg	1
Zinc	7440-66-6	6010C	21		2.9	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-005
Description: GP-2 16-20'
Matrix: Solid
Date Sampled: 04/07/2009 1145
% Solids: 87.3 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1800	BNW	04/10/2009 1613	98541

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.095	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-006
Description: GP-2 32-35'
Matrix: Solid
Date Sampled: 04/07/2009 1210
% Solids: 84.8 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/14/2009 2148	DLB		98784	5.43

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		22	ug/kg	1
Benzene	71-43-2	8260B	ND		5.4	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.4	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.4	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.4	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.4	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.4	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.4	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.4	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.4	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.4	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.4	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.4	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.4	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.4	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.4	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.4	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.4	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.4	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.4	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.4	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.4	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.4	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.4	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.4	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.4	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.4	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.4	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.4	ug/kg	1
Styrene	100-42-5	8260B	ND		5.4	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.4	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.4	ug/kg	1
Toluene	108-88-3	8260B	ND		5.4	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.4	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.4	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.4	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.4	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-006
Description: GP-2 32-35'
Matrix: Solid
Date Sampled: 04/07/2009 1210
% Solids: 84.8 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/14/2009 2148	DLB		98784	5.43

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.4	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.4	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.4	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		86	53-142
Bromofluorobenzene		96	47-138
Toluene-d8		92	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-006
Description: GP-2 32-35'
Matrix: Solid
Date Sampled: 04/07/2009 1210
% Solids: 84.8 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1442	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		390	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		390	ug/kg	1
Acetophenone	98-86-2	8270D	ND		390	ug/kg	1
Anthracene	120-12-7	8270D	ND		390	ug/kg	1
Atrazine	1912-24-9	8270D	ND		390	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		970	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		390	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		390	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		390	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		390	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		390	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		390	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		390	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		390	ug/kg	1
Caprolactam	105-60-2	8270D	ND		970	ug/kg	1
Carbazole	86-74-8	8270D	ND		390	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		390	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		390	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		390	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		390	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		390	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		390	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		390	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		390	ug/kg	1
Chrysene	218-01-9	8270D	ND		390	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		390	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		390	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		390	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		390	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		970	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		390	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		390	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		390	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		390	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		970	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		970	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		390	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		390	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		390	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		390	ug/kg	1
Fluorene	86-73-7	8270D	ND		390	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		390	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		390	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		970	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-006
Description: GP-2 32-35'
Matrix: Solid
Date Sampled: 04/07/2009 1210
% Solids: 84.8 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1442	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		390	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		390	ug/kg	1
Isophorone	78-59-1	8270D	ND		390	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		390	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		390	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270D	ND		780	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		390	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		390	ug/kg	1
Naphthalene	91-20-3	8270D	ND		390	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		390	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		390	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		390	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		390	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		390	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		970	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		970	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		390	ug/kg	1
Phenol	108-95-2	8270D	ND		390	ug/kg	1
Pyrene	129-00-0	8270D	ND		390	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		390	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		390	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		83	30-117
2-Fluorobiphenyl		79	33-102
2-Fluorophenol		74	28-104
Nitrobenzene-d5		77	22-109
Phenol-d5		73	27-103
Terphenyl-d14		75	41-120

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

ICP-AES

Client: ERM-Southeast, Inc
Description: GP-2 32-35'
Date Sampled: 04/07/2009 1210
Date Received: 04/09/2009

Laboratory ID: KD09058-006
Matrix: Solid
% Solids: 84.8 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 1820	CDF	04/09/2009 2345	98537

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.59	mg/kg	1
Arsenic	7440-38-2	6010C	ND		0.59	mg/kg	1
Beryllium	7440-41-7	6010C	1.0		0.24	mg/kg	1
Cadmium	7440-43-9	6010C	0.47		0.12	mg/kg	1
Chromium	7440-47-3	6010C	14		0.29	mg/kg	1
Copper	7440-50-8	6010C	3.6		0.29	mg/kg	1
Lead	7439-92-1	6010C	2.8		0.59	mg/kg	1
Nickel	7440-02-0	6010C	4.5		2.4	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.59	mg/kg	1
Silver	7440-22-4	6010C	0.34		0.29	mg/kg	1
Thallium	7440-28-0	6010C	ND		2.9	mg/kg	1
Zinc	7440-66-6	6010C	27		2.9	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-006
Description: GP-2 32-35'
Matrix: Solid
Date Sampled: 04/07/2009 1210
% Solids: 84.8 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1801	BNW	04/10/2009 1613	98541

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.098	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-007
Description: GP-3 4-8'
Matrix: Solid
Date Sampled: 04/07/2009 1355
% Solids: 85.8 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/14/2009 2211	DLB		98784	5.40

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		22	ug/kg	1
Benzene	71-43-2	8260B	ND		5.4	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.4	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.4	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.4	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.4	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.4	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.4	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.4	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.4	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.4	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.4	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.4	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.4	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.4	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.4	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.4	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.4	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.4	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.4	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.4	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.4	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.4	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.4	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.4	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.4	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.4	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.4	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.4	ug/kg	1
Styrene	100-42-5	8260B	ND		5.4	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.4	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.4	ug/kg	1
Toluene	108-88-3	8260B	ND		5.4	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.4	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.4	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.4	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.4	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-007
Description: GP-3 4-8'
Matrix: Solid
Date Sampled: 04/07/2009 1355
% Solids: 85.8 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/14/2009 2211	DLB		98784	5.40

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.4	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.4	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.4	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		89	53-142
Bromofluorobenzene		98	47-138
Toluene-d8		95	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-007
Description: GP-3 4-8'
Matrix: Solid
Date Sampled: 04/07/2009 1355
% Solids: 85.8 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1501	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		380	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		380	ug/kg	1
Acetophenone	98-86-2	8270D	ND		380	ug/kg	1
Anthracene	120-12-7	8270D	ND		380	ug/kg	1
Atrazine	1912-24-9	8270D	ND		380	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		950	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		380	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		380	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		380	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		380	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		380	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		380	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		380	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		380	ug/kg	1
Caprolactam	105-60-2	8270D	ND		950	ug/kg	1
Carbazole	86-74-8	8270D	ND		380	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		380	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		380	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		380	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		380	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		380	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		380	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		380	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		380	ug/kg	1
Chrysene	218-01-9	8270D	ND		380	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		380	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		380	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		380	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		380	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		950	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		380	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		380	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		380	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		380	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		950	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		950	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		380	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		380	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		380	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		380	ug/kg	1
Fluorene	86-73-7	8270D	ND		380	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		380	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		380	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		950	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-007
Description: GP-3 4-8'
Matrix: Solid
Date Sampled: 04/07/2009 1355
% Solids: 85.8 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1501	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		380	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		380	ug/kg	1
Isophorone	78-59-1	8270D	ND		380	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		380	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		380	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270D	ND		770	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		380	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		380	ug/kg	1
Naphthalene	91-20-3	8270D	ND		380	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		380	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		380	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		380	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		380	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		380	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		950	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		950	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		380	ug/kg	1
Phenol	108-95-2	8270D	ND		380	ug/kg	1
Pyrene	129-00-0	8270D	ND		380	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		380	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		380	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		66	30-117
2-Fluorobiphenyl		62	33-102
2-Fluorophenol		55	28-104
Nitrobenzene-d5		58	22-109
Phenol-d5		59	27-103
Terphenyl-d14		78	41-120

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

ICP-AES

Client: ERM-Southeast, Inc
Description: GP-3 4-8'
Date Sampled: 04/07/2009 1355
Date Received: 04/09/2009

Laboratory ID: KD09058-007
Matrix: Solid
% Solids: 85.8 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 1826	CDF	04/09/2009 2345	98537

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.58	mg/kg	1
Arsenic	7440-38-2	6010C	ND		0.58	mg/kg	1
Beryllium	7440-41-7	6010C	0.88		0.23	mg/kg	1
Cadmium	7440-43-9	6010C	0.23		0.12	mg/kg	1
Chromium	7440-47-3	6010C	1.4		0.29	mg/kg	1
Copper	7440-50-8	6010C	0.70		0.29	mg/kg	1
Lead	7439-92-1	6010C	7.0		0.58	mg/kg	1
Nickel	7440-02-0	6010C	ND		2.3	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.58	mg/kg	1
Silver	7440-22-4	6010C	ND		0.29	mg/kg	1
Thallium	7440-28-0	6010C	ND		2.9	mg/kg	1
Zinc	7440-66-6	6010C	27		2.9	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-007
Description: GP-3 4-8'
Matrix: Solid
Date Sampled: 04/07/2009 1355
% Solids: 85.8 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1802	BNW	04/10/2009 1613	98541

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.097	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Description: GP-3 12-16'
Date Sampled: 04/07/2009 1405
Date Received: 04/09/2009

Laboratory ID: KD09058-008
Matrix: Solid
% Solids: 88.6 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/14/2009 2234	DLB		98784	5.28

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		21	ug/kg	1
Benzene	71-43-2	8260B	ND		5.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.3	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.3	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.3	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.3	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.3	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.3	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.3	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.3	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.3	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.3	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.3	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.3	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.3	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.3	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.3	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.3	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.3	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.3	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.3	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.3	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.3	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.3	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.3	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.3	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.3	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.3	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.3	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.3	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.3	ug/kg	1
Styrene	100-42-5	8260B	ND		5.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.3	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.3	ug/kg	1
Toluene	108-88-3	8260B	ND		5.3	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.3	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.3	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.3	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.3	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-008
Description: GP-3 12-16'
Matrix: Solid
Date Sampled: 04/07/2009 1405
% Solids: 88.6 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/14/2009 2234	DLB		98784	5.28

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.3	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.3	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.3	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.3	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		92	53-142
Bromofluorobenzene		99	47-138
Toluene-d8		97	68-124

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-008
Description: GP-3 12-16'
Matrix: Solid
Date Sampled: 04/07/2009 1405
% Solids: 88.6 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1520	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		370	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		370	ug/kg	1
Acetophenone	98-86-2	8270D	ND		370	ug/kg	1
Anthracene	120-12-7	8270D	ND		370	ug/kg	1
Atrazine	1912-24-9	8270D	ND		370	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		930	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		370	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		370	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		370	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		370	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		370	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		370	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		370	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		370	ug/kg	1
Caprolactam	105-60-2	8270D	ND		930	ug/kg	1
Carbazole	86-74-8	8270D	ND		370	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		370	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		370	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		370	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		370	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		370	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		370	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		370	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		370	ug/kg	1
Chrysene	218-01-9	8270D	ND		370	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		370	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		370	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		370	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		370	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		930	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		370	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		370	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		370	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		370	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		930	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		930	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		370	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		370	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		370	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		370	ug/kg	1
Fluorene	86-73-7	8270D	ND		370	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		370	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		370	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		930	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-008
Description: GP-3 12-16'
Matrix: Solid
Date Sampled: 04/07/2009 1405
% Solids: 88.6 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1520	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		370	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		370	ug/kg	1
Isophorone	78-59-1	8270D	ND		370	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		370	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		370	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270D	ND		750	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		370	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		370	ug/kg	1
Naphthalene	91-20-3	8270D	ND		370	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		370	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		370	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		370	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		370	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		370	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		930	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		930	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		370	ug/kg	1
Phenol	108-95-2	8270D	ND		370	ug/kg	1
Pyrene	129-00-0	8270D	ND		370	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		370	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		370	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		62	30-117
2-Fluorobiphenyl		67	33-102
2-Fluorophenol		64	28-104
Nitrobenzene-d5		67	22-109
Phenol-d5		62	27-103
Terphenyl-d14		66	41-120

PQL = Practical quantitation limit
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ND = Not detected at or above the PQL
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P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

ICP-AES

Client: ERM-Southeast, Inc
Description: GP-3 12-16'
Date Sampled: 04/07/2009 1405
Date Received: 04/09/2009

Laboratory ID: KD09058-008
Matrix: Solid
% Solids: 88.6 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 1833	CDF	04/09/2009 2345	98537

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.56	mg/kg	1
Arsenic	7440-38-2	6010C	ND		0.56	mg/kg	1
Beryllium	7440-41-7	6010C	0.79		0.22	mg/kg	1
Cadmium	7440-43-9	6010C	0.29		0.11	mg/kg	1
Chromium	7440-47-3	6010C	1.6		0.28	mg/kg	1
Copper	7440-50-8	6010C	ND		0.28	mg/kg	1
Lead	7439-92-1	6010C	6.0		0.56	mg/kg	1
Nickel	7440-02-0	6010C	ND		2.2	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.56	mg/kg	1
Silver	7440-22-4	6010C	ND		0.28	mg/kg	1
Thallium	7440-28-0	6010C	ND		2.8	mg/kg	1
Zinc	7440-66-6	6010C	22		2.8	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-008
Description: GP-3 12-16'
Matrix: Solid
Date Sampled: 04/07/2009 1405
% Solids: 88.6 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1806	BNW	04/10/2009 1613	98541

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.094	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-009
Description: GP-3 36-40'
Matrix: Solid
Date Sampled: 04/07/2009 1505
% Solids: 81.9 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/14/2009 2256	DLB		98784	6.18

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/kg	1
Benzene	71-43-2	8260B	ND		4.9	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.9	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.9	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.9	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.9	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.9	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.9	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.9	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.9	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.9	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.9	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.9	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.9	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.9	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.9	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.9	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.9	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.9	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.9	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.9	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.9	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.9	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.9	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.9	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.9	ug/kg	1
Styrene	100-42-5	8260B	ND		4.9	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.9	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		4.9	ug/kg	1
Toluene	108-88-3	8260B	ND		4.9	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.9	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.9	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.9	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-009
Description: GP-3 36-40'
Matrix: Solid
Date Sampled: 04/07/2009 1505
% Solids: 81.9 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/14/2009 2256	DLB		98784	6.18

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	43		4.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.9	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.9	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.9	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		94	53-142
Bromofluorobenzene		101	47-138
Toluene-d8		98	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-009
Description: GP-3 36-40'
Matrix: Solid
Date Sampled: 04/07/2009 1505
% Solids: 81.9 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1538	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		400	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		400	ug/kg	1
Acetophenone	98-86-2	8270D	ND		400	ug/kg	1
Anthracene	120-12-7	8270D	ND		400	ug/kg	1
Atrazine	1912-24-9	8270D	ND		400	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		1000	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		400	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		400	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		400	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		400	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		400	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		400	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		400	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		400	ug/kg	1
Caprolactam	105-60-2	8270D	ND		1000	ug/kg	1
Carbazole	86-74-8	8270D	ND		400	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		400	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		400	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		400	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		400	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		400	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		400	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		400	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		400	ug/kg	1
Chrysene	218-01-9	8270D	ND		400	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		400	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		400	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		400	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		400	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		1000	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		400	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		400	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		400	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		400	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		1000	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		1000	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		400	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		400	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		400	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		400	ug/kg	1
Fluorene	86-73-7	8270D	ND		400	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		400	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		400	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		1000	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-009
Description: GP-3 36-40'
Matrix: Solid
Date Sampled: 04/07/2009 1505
% Solids: 81.9 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1538	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		400	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		400	ug/kg	1
Isophorone	78-59-1	8270D	ND		400	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		400	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		400	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270D	ND		820	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		400	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		400	ug/kg	1
Naphthalene	91-20-3	8270D	ND		400	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		400	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		400	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		400	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		400	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		400	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		1000	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		1000	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		400	ug/kg	1
Phenol	108-95-2	8270D	ND		400	ug/kg	1
Pyrene	129-00-0	8270D	ND		400	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		400	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		400	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		74	30-117
2-Fluorobiphenyl		73	33-102
2-Fluorophenol		66	28-104
Nitrobenzene-d5		67	22-109
Phenol-d5		65	27-103
Terphenyl-d14		73	41-120

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

ICP-AES

Client: ERM-Southeast, Inc
Description: GP-3 36-40'
Date Sampled: 04/07/2009 1505
Date Received: 04/09/2009

Laboratory ID: KD09058-009
Matrix: Solid
% Solids: 81.9 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 1840	CDF	04/09/2009 2345	98537

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.61	mg/kg	1
Arsenic	7440-38-2	6010C	0.72		0.61	mg/kg	1
Beryllium	7440-41-7	6010C	1.6		0.24	mg/kg	1
Cadmium	7440-43-9	6010C	0.43		0.12	mg/kg	1
Chromium	7440-47-3	6010C	0.65		0.30	mg/kg	1
Copper	7440-50-8	6010C	ND		0.30	mg/kg	1
Lead	7439-92-1	6010C	24		0.61	mg/kg	1
Nickel	7440-02-0	6010C	ND		2.4	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.61	mg/kg	1
Silver	7440-22-4	6010C	ND		0.30	mg/kg	1
Thallium	7440-28-0	6010C	ND		3.0	mg/kg	1
Zinc	7440-66-6	6010C	34		3.0	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: ERM-Southeast, Inc
Description: GP-3 36-40'
Date Sampled: 04/07/2009 1505
Date Received: 04/09/2009

Laboratory ID: KD09058-009
Matrix: Solid
% Solids: 81.9 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1807	BNW	04/10/2009 1613	98541

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.10	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-010
Description: GP-4 8-10'
Matrix: Solid
Date Sampled: 04/08/2009 0945
% Solids: 90.7 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/14/2009 2319	DLB		98784	4.84

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		23	ug/kg	1
Benzene	71-43-2	8260B	ND		5.7	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.7	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.7	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.7	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.7	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.7	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.7	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.7	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.7	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.7	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.7	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.7	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.7	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.7	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.7	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.7	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.7	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.7	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.7	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.7	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.7	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.7	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.7	ug/kg	1
Toluene	108-88-3	8260B	ND		5.7	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.7	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.7	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.7	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-010
Description: GP-4 8-10'
Matrix: Solid
Date Sampled: 04/08/2009 0945
% Solids: 90.7 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/14/2009 2319	DLB		98784	4.84

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.7	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.7	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.7	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		78	53-142
Bromofluorobenzene		88	47-138
Toluene-d8		87	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-010
Description: GP-4 8-10'
Matrix: Solid
Date Sampled: 04/08/2009 0945
% Solids: 90.7 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	3550C	8270D	1	04/15/2009 1545	DC	04/15/2009 1009	98799

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		360	ug/kg	2
Acenaphthylene	208-96-8	8270D	ND		360	ug/kg	2
Acetophenone	98-86-2	8270D	ND		360	ug/kg	2
Anthracene	120-12-7	8270D	ND		360	ug/kg	2
Atrazine	1912-24-9	8270D	ND		360	ug/kg	2
Benzaldehyde	100-52-7	8270D	ND		920	ug/kg	2
Benzo(a)anthracene	56-55-3	8270D	ND		360	ug/kg	2
Benzo(a)pyrene	50-32-8	8270D	ND		360	ug/kg	2
Benzo(b)fluoranthene	205-99-2	8270D	ND		360	ug/kg	2
Benzo(g,h,i)perylene	191-24-2	8270D	ND		360	ug/kg	2
Benzo(k)fluoranthene	207-08-9	8270D	ND		360	ug/kg	2
1,1'-Biphenyl	92-52-4	8270D	ND		360	ug/kg	2
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		360	ug/kg	2
Butyl benzyl phthalate	85-68-7	8270D	ND		360	ug/kg	2
Caprolactam	105-60-2	8270D	ND		920	ug/kg	2
Carbazole	86-74-8	8270D	ND		360	ug/kg	2
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		360	ug/kg	2
4-Chloroaniline	106-47-8	8270D	ND		360	ug/kg	2
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		360	ug/kg	2
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		360	ug/kg	2
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		360	ug/kg	2
2-Chloronaphthalene	91-58-7	8270D	ND		360	ug/kg	2
2-Chlorophenol	95-57-8	8270D	ND		360	ug/kg	2
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		360	ug/kg	2
Chrysene	218-01-9	8270D	ND		360	ug/kg	2
Di-n-butyl phthalate	84-74-2	8270D	ND		360	ug/kg	2
Di-n-octylphthalate	117-84-0	8270D	ND		360	ug/kg	2
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		360	ug/kg	2
Dibenzofuran	132-64-9	8270D	ND		360	ug/kg	2
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		920	ug/kg	2
2,4-Dichlorophenol	120-83-2	8270D	ND		360	ug/kg	2
Diethylphthalate	84-66-2	8270D	ND		360	ug/kg	2
Dimethyl phthalate	131-11-3	8270D	ND		360	ug/kg	2
2,4-Dimethylphenol	105-67-9	8270D	ND		360	ug/kg	2
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		920	ug/kg	2
2,4-Dinitrophenol	51-28-5	8270D	ND		920	ug/kg	2
2,4-Dinitrotoluene	121-14-2	8270D	ND		360	ug/kg	2
2,6-Dinitrotoluene	606-20-2	8270D	ND		360	ug/kg	2
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		360	ug/kg	2
Fluoranthene	206-44-0	8270D	ND		360	ug/kg	2
Fluorene	86-73-7	8270D	ND		360	ug/kg	2
Hexachlorobenzene	118-74-1	8270D	ND		360	ug/kg	2
Hexachlorobutadiene	87-68-3	8270D	ND		360	ug/kg	2
Hexachlorocyclopentadiene	77-47-4	8270D	ND		920	ug/kg	2

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-010
Description: GP-4 8-10'
Matrix: Solid
Date Sampled: 04/08/2009 0945
% Solids: 90.7 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	3550C	8270D	1	04/15/2009 1545	DC	04/15/2009 1009	98799

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		360	ug/kg	2
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		360	ug/kg	2
Isophorone	78-59-1	8270D	ND		360	ug/kg	2
2-Methylnaphthalene	91-57-6	8270D	ND		360	ug/kg	2
2-Methylphenol	95-48-7	8270D	ND		360	ug/kg	2
3 & 4-Methylphenol	106-44-5	8270D	ND		740	ug/kg	2
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		360	ug/kg	2
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		360	ug/kg	2
Naphthalene	91-20-3	8270D	ND		360	ug/kg	2
2-Nitroaniline	88-74-4	8270D	ND		360	ug/kg	2
3-Nitroaniline	99-09-2	8270D	ND		360	ug/kg	2
4-Nitroaniline	100-01-6	8270D	ND		360	ug/kg	2
Nitrobenzene	98-95-3	8270D	ND		360	ug/kg	2
2-Nitrophenol	88-75-5	8270D	ND		360	ug/kg	2
4-Nitrophenol	100-02-7	8270D	ND		920	ug/kg	2
Pentachlorophenol	87-86-5	8270D	ND		920	ug/kg	2
Phenanthrene	85-01-8	8270D	ND		360	ug/kg	2
Phenol	108-95-2	8270D	ND		360	ug/kg	2
Pyrene	129-00-0	8270D	ND		360	ug/kg	2
2,4,5-Trichlorophenol	95-95-4	8270D	ND		360	ug/kg	2
2,4,6-Trichlorophenol	88-06-2	8270D	ND		360	ug/kg	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		74	30-117
2-Fluorobiphenyl		94	33-102
2-Fluorophenol		83	28-104
Nitrobenzene-d5		85	22-109
Phenol-d5		62	27-103
Terphenyl-d14		89	41-120

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

ICP-AES

Client: ERM-Southeast, Inc
Description: GP-4 8-10'
Date Sampled: 04/08/2009 0945
Date Received: 04/09/2009

Laboratory ID: KD09058-010
Matrix: Solid
% Solids: 90.7 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 1846	CDF	04/09/2009 2345	98537

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.55	mg/kg	1
Arsenic	7440-38-2	6010C	ND		0.55	mg/kg	1
Beryllium	7440-41-7	6010C	0.37		0.22	mg/kg	1
Cadmium	7440-43-9	6010C	0.11		0.11	mg/kg	1
Chromium	7440-47-3	6010C	33		0.28	mg/kg	1
Copper	7440-50-8	6010C	2.8		0.28	mg/kg	1
Lead	7439-92-1	6010C	2.8		0.55	mg/kg	1
Nickel	7440-02-0	6010C	ND		2.2	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.55	mg/kg	1
Silver	7440-22-4	6010C	0.60		0.28	mg/kg	1
Thallium	7440-28-0	6010C	ND		2.8	mg/kg	1
Zinc	7440-66-6	6010C	13		2.8	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: ERM-Southeast, Inc
Description: GP-4 8-10'
Date Sampled: 04/08/2009 0945
Date Received: 04/09/2009

Laboratory ID: KD09058-010
Matrix: Solid
% Solids: 90.7 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1809	BNW	04/10/2009 1613	98541

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.092	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-011
Description: GP-4 24-26'
Matrix: Solid
Date Sampled: 04/08/2009 1345
% Solids: 89.8 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/14/2009 2342	DLB		98784	5.57

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/kg	1
Benzene	71-43-2	8260B	ND		5.0	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.0	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.0	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.0	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.0	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.0	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.0	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.0	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.0	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.0	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.0	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.0	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.0	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.0	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/kg	1
Styrene	100-42-5	8260B	ND		5.0	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.0	ug/kg	1
Toluene	108-88-3	8260B	ND		5.0	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.0	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.0	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-011
Description: GP-4 24-26'
Matrix: Solid
Date Sampled: 04/08/2009 1345
% Solids: 89.8 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/14/2009 2342	DLB		98784	5.57

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.0	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.0	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		112	53-142
Bromofluorobenzene		118	47-138
Toluene-d8		114	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-011
Description: GP-4 24-26'
Matrix: Solid
Date Sampled: 04/08/2009 1345
% Solids: 89.8 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1616	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		360	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		360	ug/kg	1
Acetophenone	98-86-2	8270D	ND		360	ug/kg	1
Anthracene	120-12-7	8270D	ND		360	ug/kg	1
Atrazine	1912-24-9	8270D	ND		360	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		910	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		360	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		360	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		360	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		360	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		360	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		360	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		360	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		360	ug/kg	1
Caprolactam	105-60-2	8270D	ND		910	ug/kg	1
Carbazole	86-74-8	8270D	ND		360	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		360	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		360	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		360	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		360	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		360	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		360	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		360	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		360	ug/kg	1
Chrysene	218-01-9	8270D	ND		360	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		360	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		360	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		360	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		360	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		910	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		360	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		360	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		360	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		360	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		910	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		910	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		360	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		360	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		360	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		360	ug/kg	1
Fluorene	86-73-7	8270D	ND		360	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		360	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		360	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		910	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
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ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-011
Description: GP-4 24-26'
Matrix: Solid
Date Sampled: 04/08/2009 1345
% Solids: 89.8 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1616	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		360	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		360	ug/kg	1
Isophorone	78-59-1	8270D	ND		360	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		360	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		360	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270D	ND		740	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		360	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		360	ug/kg	1
Naphthalene	91-20-3	8270D	ND		360	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		360	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		360	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		360	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		360	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		360	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		910	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		910	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		360	ug/kg	1
Phenol	108-95-2	8270D	ND		360	ug/kg	1
Pyrene	129-00-0	8270D	ND		360	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		360	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		360	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		58	30-117
2-Fluorobiphenyl		68	33-102
2-Fluorophenol		63	28-104
Nitrobenzene-d5		64	22-109
Phenol-d5		62	27-103
Terphenyl-d14		69	41-120

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

ICP-AES

Client: ERM-Southeast, Inc
Description: GP-4 24-26'
Date Sampled: 04/08/2009 1345
Date Received: 04/09/2009

Laboratory ID: KD09058-011
Matrix: Solid
% Solids: 89.8 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 1853	CDF	04/09/2009 2345	98537

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.56	mg/kg	1
Arsenic	7440-38-2	6010C	0.65		0.56	mg/kg	1
Beryllium	7440-41-7	6010C	0.39		0.22	mg/kg	1
Cadmium	7440-43-9	6010C	ND		0.11	mg/kg	1
Chromium	7440-47-3	6010C	1.6		0.28	mg/kg	1
Copper	7440-50-8	6010C	0.58		0.28	mg/kg	1
Lead	7439-92-1	6010C	0.71		0.56	mg/kg	1
Nickel	7440-02-0	6010C	ND		2.2	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.56	mg/kg	1
Silver	7440-22-4	6010C	ND		0.28	mg/kg	1
Thallium	7440-28-0	6010C	ND		2.8	mg/kg	1
Zinc	7440-66-6	6010C	10		2.8	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-011
Description: GP-4 24-26'
Matrix: Solid
Date Sampled: 04/08/2009 1345
% Solids: 89.8 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1810	BNW	04/10/2009 1613	98541

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.092	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-012
Description: GP-4 38-40'
Matrix: Solid
Date Sampled: 04/08/2009 1350
% Solids: 85.2 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0004	DLB		98784	5.12

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		23	ug/kg	1
Benzene	71-43-2	8260B	ND		5.7	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.7	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.7	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.7	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.7	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.7	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.7	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.7	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.7	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.7	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.7	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.7	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.7	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.7	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.7	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.7	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.7	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.7	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.7	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.7	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.7	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.7	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.7	ug/kg	1
Toluene	108-88-3	8260B	ND		5.7	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.7	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.7	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.7	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-012
Description: GP-4 38-40'
Matrix: Solid
Date Sampled: 04/08/2009 1350
% Solids: 85.2 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0004	DLB		98784	5.12

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.7	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.7	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.7	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		66	53-142
Bromofluorobenzene		78	47-138
Toluene-d8		79	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-012
Description: GP-4 38-40'
Matrix: Solid
Date Sampled: 04/08/2009 1350
% Solids: 85.2 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1635	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		390	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		390	ug/kg	1
Acetophenone	98-86-2	8270D	ND		390	ug/kg	1
Anthracene	120-12-7	8270D	ND		390	ug/kg	1
Atrazine	1912-24-9	8270D	ND		390	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		970	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		390	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		390	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		390	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		390	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		390	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		390	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		390	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		390	ug/kg	1
Caprolactam	105-60-2	8270D	ND		970	ug/kg	1
Carbazole	86-74-8	8270D	ND		390	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		390	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		390	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		390	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		390	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		390	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		390	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		390	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		390	ug/kg	1
Chrysene	218-01-9	8270D	ND		390	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		390	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		390	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		390	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		390	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		970	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		390	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		390	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		390	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		390	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		970	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		970	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		390	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		390	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		390	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		390	ug/kg	1
Fluorene	86-73-7	8270D	ND		390	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		390	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		390	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		970	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-012
Description: GP-4 38-40'
Matrix: Solid
Date Sampled: 04/08/2009 1350
% Solids: 85.2 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1635	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		390	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		390	ug/kg	1
Isophorone	78-59-1	8270D	ND		390	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		390	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		390	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270D	ND		780	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		390	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		390	ug/kg	1
Naphthalene	91-20-3	8270D	ND		390	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		390	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		390	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		390	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		390	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		390	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		970	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		970	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		390	ug/kg	1
Phenol	108-95-2	8270D	ND		390	ug/kg	1
Pyrene	129-00-0	8270D	ND		390	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		390	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		390	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		79	30-117
2-Fluorobiphenyl		76	33-102
2-Fluorophenol		67	28-104
Nitrobenzene-d5		71	22-109
Phenol-d5		68	27-103
Terphenyl-d14		82	41-120

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

ICP-AES

Client: ERM-Southeast, Inc
Description: GP-4 38-40'
Date Sampled: 04/08/2009 1350
Date Received: 04/09/2009

Laboratory ID: KD09058-012
Matrix: Solid
% Solids: 85.2 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 1859	CDF	04/09/2009 2345	98537

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.59	mg/kg	1
Arsenic	7440-38-2	6010C	0.78		0.59	mg/kg	1
Beryllium	7440-41-7	6010C	0.86		0.23	mg/kg	1
Cadmium	7440-43-9	6010C	0.15		0.12	mg/kg	1
Chromium	7440-47-3	6010C	3.0		0.29	mg/kg	1
Copper	7440-50-8	6010C	2.4		0.29	mg/kg	1
Lead	7439-92-1	6010C	2.2		0.59	mg/kg	1
Nickel	7440-02-0	6010C	ND		2.3	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.59	mg/kg	1
Silver	7440-22-4	6010C	ND		0.29	mg/kg	1
Thallium	7440-28-0	6010C	ND		2.9	mg/kg	1
Zinc	7440-66-6	6010C	18		2.9	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-012
Description: GP-4 38-40'
Matrix: Solid
Date Sampled: 04/08/2009 1350
% Solids: 85.2 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1815	BNW	04/10/2009 1613	98541

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.097	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-013
Description: GP-5 0-4'
Matrix: Solid
Date Sampled: 04/07/2009 1650
% Solids: 72.4 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0027	DLB		98784	6.08

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		23	ug/kg	1
Benzene	71-43-2	8260B	ND		5.7	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.7	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.7	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.7	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.7	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.7	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.7	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.7	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.7	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.7	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.7	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.7	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.7	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.7	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.7	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.7	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.7	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.7	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.7	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.7	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.7	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.7	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.7	ug/kg	1
Toluene	108-88-3	8260B	ND		5.7	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.7	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.7	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.7	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-013
Description: GP-5 0-4'
Matrix: Solid
Date Sampled: 04/07/2009 1650
% Solids: 72.4 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0027	DLB		98784	6.08

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.7	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.7	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.7	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		91	53-142
Bromofluorobenzene		99	47-138
Toluene-d8		100	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-014
Description: GP-5 24-28'
Matrix: Solid
Date Sampled: 04/07/2009 1720
% Solids: 68.6 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0050	DLB		98784	5.67

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		26	ug/kg	1
Benzene	71-43-2	8260B	ND		6.4	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.4	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.4	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.4	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		13	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.4	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.4	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.4	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.4	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.4	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.4	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.4	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.4	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.4	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.4	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.4	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.4	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.4	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.4	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.4	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.4	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.4	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.4	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.4	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		13	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.4	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.4	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.4	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		13	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.4	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.4	ug/kg	1
Styrene	100-42-5	8260B	ND		6.4	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.4	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		6.4	ug/kg	1
Toluene	108-88-3	8260B	ND		6.4	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.4	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.4	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.4	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.4	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-014
Description: GP-5 24-28'
Matrix: Solid
Date Sampled: 04/07/2009 1720
% Solids: 68.6 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0050	DLB		98784	5.67

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		6.4	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.4	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.4	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		92	53-142
Bromofluorobenzene		102	47-138
Toluene-d8		102	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-015
Description: GP-5 36-40'
Matrix: Solid
Date Sampled: 04/07/2009 1738
% Solids: 73.5 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0112	DLB		98784	6.58

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		21	ug/kg	1
Benzene	71-43-2	8260B	ND		5.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.2	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.2	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.2	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.2	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.2	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.2	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.2	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.2	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.2	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.2	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.2	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.2	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.2	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.2	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.2	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.2	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.2	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.2	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.2	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.2	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.2	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.2	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.2	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.2	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.2	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.2	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.2	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.2	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.2	ug/kg	1
Styrene	100-42-5	8260B	ND		5.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.2	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.2	ug/kg	1
Toluene	108-88-3	8260B	ND		5.2	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.2	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.2	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.2	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.2	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-015
Description: GP-5 36-40'
Matrix: Solid
Date Sampled: 04/07/2009 1738
% Solids: 73.5 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0112	DLB		98784	6.58

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.2	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.2	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.2	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.2	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		86	53-142
Bromofluorobenzene		91	47-138
Toluene-d8		91	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-016
Description: GP-6 4-5'
Matrix: Solid
Date Sampled: 04/08/2009 0920
% Solids: 66.5 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0135	DLB		98784	5.09

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		30	ug/kg	1
Benzene	71-43-2	8260B	ND		7.4	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		7.4	ug/kg	1
Bromoform	75-25-2	8260B	ND		7.4	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		7.4	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		15	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		7.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		7.4	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		7.4	ug/kg	1
Chloroethane	75-00-3	8260B	ND		7.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		7.4	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		7.4	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		7.4	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		7.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		7.4	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		7.4	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		7.4	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		7.4	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		7.4	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		7.4	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		7.4	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		7.4	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		7.4	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		7.4	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		7.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		7.4	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		7.4	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		7.4	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		7.4	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		15	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		7.4	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		7.4	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		7.4	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		15	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		7.4	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		7.4	ug/kg	1
Styrene	100-42-5	8260B	ND		7.4	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		7.4	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		7.4	ug/kg	1
Toluene	108-88-3	8260B	ND		7.4	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		7.4	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		7.4	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		7.4	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		7.4	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-016
Description: GP-6 4-5'
Matrix: Solid
Date Sampled: 04/08/2009 0920
% Solids: 66.5 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0135	DLB		98784	5.09

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		7.4	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		7.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		7.4	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		7.4	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		101	53-142
Bromofluorobenzene		106	47-138
Toluene-d8		105	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-017
Description: GP-6 14-15'
Matrix: Solid
Date Sampled: 04/08/2009 0935
% Solids: 81.6 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0158	DLB		98784	5.06

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		24	ug/kg	1
Benzene	71-43-2	8260B	ND		6.0	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.0	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.0	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.0	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.0	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.0	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.0	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.0	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.0	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.0	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.0	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.0	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.0	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.0	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.0	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.0	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.0	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.0	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.0	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.0	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.0	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.0	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.0	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.0	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.0	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.0	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.0	ug/kg	1
Styrene	100-42-5	8260B	ND		6.0	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.0	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		6.0	ug/kg	1
Toluene	108-88-3	8260B	ND		6.0	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.0	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.0	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.0	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.0	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-017
Description: GP-6 14-15'
Matrix: Solid
Date Sampled: 04/08/2009 0935
% Solids: 81.6 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0158	DLB		98784	5.06

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		6.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.0	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.0	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.0	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		88	53-142
Bromofluorobenzene		93	47-138
Toluene-d8		92	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-018
Description: GP-6 36-38'
Matrix: Solid
Date Sampled: 04/08/2009 0945
% Solids: 74.5 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0221	DLB		98784	5.82

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		23	ug/kg	1
Benzene	71-43-2	8260B	ND		5.8	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.8	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.8	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.8	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.8	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.8	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.8	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.8	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.8	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.8	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.8	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.8	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.8	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.8	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.8	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.8	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.8	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.8	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.8	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.8	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.8	ug/kg	1
Styrene	100-42-5	8260B	ND		5.8	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.8	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.8	ug/kg	1
Toluene	108-88-3	8260B	ND		5.8	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.8	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.8	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.8	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-018
Description: GP-6 36-38'
Matrix: Solid
Date Sampled: 04/08/2009 0945
% Solids: 74.5 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0221	DLB		98784	5.82

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	17		5.8	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.8	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.8	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.8	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		84	53-142
Bromofluorobenzene		89	47-138
Toluene-d8		89	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-019
Description: GP-7 6-8'
Matrix: Solid
Date Sampled: 04/08/2009 1000
% Solids: 67.6 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0243	DLB		98784	5.13

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		29	ug/kg	1
Benzene	71-43-2	8260B	ND		7.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		7.2	ug/kg	1
Bromoform	75-25-2	8260B	ND		7.2	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		7.2	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		14	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		7.2	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		7.2	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		7.2	ug/kg	1
Chloroethane	75-00-3	8260B	ND		7.2	ug/kg	1
Chloroform	67-66-3	8260B	ND		7.2	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		7.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		7.2	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		7.2	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		7.2	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		7.2	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		7.2	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		7.2	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		7.2	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		7.2	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		7.2	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		7.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		7.2	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		7.2	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		7.2	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		7.2	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		7.2	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		7.2	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		7.2	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		14	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		7.2	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		7.2	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		7.2	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		14	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		7.2	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		7.2	ug/kg	1
Styrene	100-42-5	8260B	ND		7.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		7.2	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		7.2	ug/kg	1
Toluene	108-88-3	8260B	ND		7.2	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		7.2	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		7.2	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		7.2	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		7.2	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-019
Description: GP-7 6-8'
Matrix: Solid
Date Sampled: 04/08/2009 1000
% Solids: 67.6 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0243	DLB		98784	5.13

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		7.2	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		7.2	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		7.2	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		7.2	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		93	53-142
Bromofluorobenzene		96	47-138
Toluene-d8		97	68-124

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Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-019
Description: GP-7 6-8'
Matrix: Solid
Date Sampled: 04/08/2009 1000
% Solids: 67.6 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1654	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		480	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		480	ug/kg	1
Acetophenone	98-86-2	8270D	ND		480	ug/kg	1
Anthracene	120-12-7	8270D	ND		480	ug/kg	1
Atrazine	1912-24-9	8270D	ND		480	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		1200	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		480	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		480	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		480	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		480	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		480	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		480	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		480	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		480	ug/kg	1
Caprolactam	105-60-2	8270D	ND		1200	ug/kg	1
Carbazole	86-74-8	8270D	ND		480	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		480	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		480	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		480	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		480	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		480	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		480	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		480	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		480	ug/kg	1
Chrysene	218-01-9	8270D	ND		480	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		480	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		480	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		480	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		480	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		1200	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		480	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		480	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		480	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		480	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		1200	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		1200	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		480	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		480	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		480	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		480	ug/kg	1
Fluorene	86-73-7	8270D	ND		480	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		480	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		480	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		1200	ug/kg	1

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Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-019
Description: GP-7 6-8'
Matrix: Solid
Date Sampled: 04/08/2009 1000
% Solids: 67.6 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1654	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		480	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		480	ug/kg	1
Isophorone	78-59-1	8270D	ND		480	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		480	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		480	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270D	ND		980	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		480	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		480	ug/kg	1
Naphthalene	91-20-3	8270D	ND		480	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		480	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		480	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		480	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		480	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		480	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		1200	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		1200	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		480	ug/kg	1
Phenol	108-95-2	8270D	ND		480	ug/kg	1
Pyrene	129-00-0	8270D	ND		480	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		480	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		480	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		51	30-117
2-Fluorobiphenyl		37	33-102
2-Fluorophenol		32	28-104
Nitrobenzene-d5		33	22-109
Phenol-d5		35	27-103
Terphenyl-d14		70	41-120

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ICP-AES

Client: ERM-Southeast, Inc
Description: GP-7 6-8'
Date Sampled: 04/08/2009 1000
Date Received: 04/09/2009

Laboratory ID: KD09058-019
Matrix: Solid
% Solids: 67.6 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 1906	CDF	04/09/2009 2345	98537

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.74	mg/kg	1
Arsenic	7440-38-2	6010C	ND		0.74	mg/kg	1
Beryllium	7440-41-7	6010C	0.59		0.30	mg/kg	1
Cadmium	7440-43-9	6010C	0.50		0.15	mg/kg	1
Chromium	7440-47-3	6010C	4.4		0.37	mg/kg	1
Copper	7440-50-8	6010C	3.7		0.37	mg/kg	1
Lead	7439-92-1	6010C	8.8		0.74	mg/kg	1
Nickel	7440-02-0	6010C	5.2		3.0	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.74	mg/kg	1
Silver	7440-22-4	6010C	0.53		0.37	mg/kg	1
Thallium	7440-28-0	6010C	ND		3.7	mg/kg	1
Zinc	7440-66-6	6010C	19		3.7	mg/kg	1

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CVAA

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-019
Description: GP-7 6-8'
Matrix: Solid
Date Sampled: 04/08/2009 1000
% Solids: 67.6 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1817	BNW	04/10/2009 1613	98541

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.12	mg/kg	1

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Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-020
Description: GP-8 6-8'
Matrix: Solid
Date Sampled: 04/08/2009 1030
% Solids: 67.4 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0038	DLB		98785	4.99

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		30	ug/kg	1
Benzene	71-43-2	8260B	ND		7.4	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		7.4	ug/kg	1
Bromoform	75-25-2	8260B	ND		7.4	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		7.4	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		15	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		7.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		7.4	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		7.4	ug/kg	1
Chloroethane	75-00-3	8260B	ND		7.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		7.4	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		7.4	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		7.4	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		7.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		7.4	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		7.4	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		7.4	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		7.4	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		7.4	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		7.4	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		7.4	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		7.4	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		7.4	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		7.4	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		7.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		7.4	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		7.4	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		7.4	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		7.4	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		15	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		7.4	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		7.4	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		7.4	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		15	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		7.4	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		7.4	ug/kg	1
Styrene	100-42-5	8260B	ND		7.4	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		7.4	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		7.4	ug/kg	1
Toluene	108-88-3	8260B	ND		7.4	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		7.4	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		7.4	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		7.4	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		7.4	ug/kg	1

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Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-020
Description: GP-8 6-8'
Matrix: Solid
Date Sampled: 04/08/2009 1030
% Solids: 67.4 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0038	DLB		98785	4.99

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		7.4	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		7.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		7.4	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		7.4	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		74	53-142
Bromofluorobenzene		120	47-138
Toluene-d8		86	68-124

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Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

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Laboratory ID: KD09058-020
Description: GP-8 6-8'
Matrix: Solid
Date Sampled: 04/08/2009 1030
% Solids: 67.4 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1713	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		480	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		480	ug/kg	1
Acetophenone	98-86-2	8270D	ND		480	ug/kg	1
Anthracene	120-12-7	8270D	ND		480	ug/kg	1
Atrazine	1912-24-9	8270D	ND		480	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		1200	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		480	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		480	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		480	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		480	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		480	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		480	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		480	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		480	ug/kg	1
Caprolactam	105-60-2	8270D	ND		1200	ug/kg	1
Carbazole	86-74-8	8270D	ND		480	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		480	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		480	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		480	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		480	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		480	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		480	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		480	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		480	ug/kg	1
Chrysene	218-01-9	8270D	ND		480	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		480	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		480	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		480	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		480	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		1200	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		480	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		480	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		480	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		480	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		1200	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		1200	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		480	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		480	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		480	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		480	ug/kg	1
Fluorene	86-73-7	8270D	ND		480	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		480	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		480	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		1200	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-020
Description: GP-8 6-8'
Matrix: Solid
Date Sampled: 04/08/2009 1030
% Solids: 67.4 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1713	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		480	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		480	ug/kg	1
Isophorone	78-59-1	8270D	ND		480	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		480	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		480	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270D	ND		980	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		480	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		480	ug/kg	1
Naphthalene	91-20-3	8270D	ND		480	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		480	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		480	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		480	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		480	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		480	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		1200	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		1200	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		480	ug/kg	1
Phenol	108-95-2	8270D	ND		480	ug/kg	1
Pyrene	129-00-0	8270D	ND		480	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		480	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		480	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		59	30-117
2-Fluorobiphenyl		45	33-102
2-Fluorophenol		36	28-104
Nitrobenzene-d5		38	22-109
Phenol-d5		36	27-103
Terphenyl-d14		63	41-120

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

ICP-AES

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-020
Description: GP-8 6-8'
Matrix: Solid
Date Sampled: 04/08/2009 1030
% Solids: 67.4 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 1925	CDF	04/09/2009 2345	98537
2	3050B	6010C	5	04/15/2009 2226	KJC	04/09/2009 2345	98537

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		3.7	mg/kg	2
Arsenic	7440-38-2	6010C	1.2		0.74	mg/kg	1
Beryllium	7440-41-7	6010C	1.5		0.30	mg/kg	1
Cadmium	7440-43-9	6010C	ND		0.74	mg/kg	2
Chromium	7440-47-3	6010C	110		1.8	mg/kg	2
Copper	7440-50-8	6010C	56		1.8	mg/kg	2
Lead	7439-92-1	6010C	36		3.7	mg/kg	2
Nickel	7440-02-0	6010C	39		3.0	mg/kg	1
Selenium	7782-49-2	6010C	ND		3.7	mg/kg	2
Silver	7440-22-4	6010C	3.4		1.8	mg/kg	2
Thallium	7440-28-0	6010C	ND		18	mg/kg	2
Zinc	7440-66-6	6010C	30		18	mg/kg	2

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

CVAA

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-020
Description: GP-8 6-8'
Matrix: Solid
Date Sampled: 04/08/2009 1030
% Solids: 67.4 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1818	BNW	04/10/2009 1613	98541

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.12	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-021
Description: GP-9 10-12'
Matrix: Solid
Date Sampled: 04/08/2009 1230
% Solids: 56.6 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0102	DLB		98785	6.19

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		28	ug/kg	1
Benzene	71-43-2	8260B	ND		7.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		7.1	ug/kg	1
Bromoform	75-25-2	8260B	ND		7.1	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		7.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		14	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		7.1	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		7.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		7.1	ug/kg	1
Chloroethane	75-00-3	8260B	ND		7.1	ug/kg	1
Chloroform	67-66-3	8260B	ND		7.1	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		7.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		7.1	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		7.1	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		7.1	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		7.1	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		7.1	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		7.1	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		7.1	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		7.1	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		7.1	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		7.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		7.1	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	10		7.1	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		7.1	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		7.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		7.1	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		7.1	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		7.1	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		14	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		7.1	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		7.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		7.1	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		14	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		7.1	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		7.1	ug/kg	1
Styrene	100-42-5	8260B	ND		7.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		7.1	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		7.1	ug/kg	1
Toluene	108-88-3	8260B	ND		7.1	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		7.1	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		7.1	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		7.1	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		7.1	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-021
Description: GP-9 10-12'
Matrix: Solid
Date Sampled: 04/08/2009 1230
% Solids: 56.6 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0102	DLB		98785	6.19

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	200		7.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		7.1	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		7.1	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		7.1	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		65	53-142
Bromofluorobenzene		116	47-138
Toluene-d8		84	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-021
Description: GP-9 10-12'
Matrix: Solid
Date Sampled: 04/08/2009 1230
% Solids: 56.6 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1732	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		580	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		580	ug/kg	1
Acetophenone	98-86-2	8270D	ND		580	ug/kg	1
Anthracene	120-12-7	8270D	ND		580	ug/kg	1
Atrazine	1912-24-9	8270D	ND		580	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		1400	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		580	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		580	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		580	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		580	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		580	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		580	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		580	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		580	ug/kg	1
Caprolactam	105-60-2	8270D	ND		1400	ug/kg	1
Carbazole	86-74-8	8270D	ND		580	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		580	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		580	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		580	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		580	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		580	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		580	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		580	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		580	ug/kg	1
Chrysene	218-01-9	8270D	ND		580	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		580	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		580	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		580	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		580	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		1400	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		580	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		580	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		580	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		580	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		1400	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		1400	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		580	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		580	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		580	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		580	ug/kg	1
Fluorene	86-73-7	8270D	ND		580	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		580	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		580	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		1400	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-021
Description: GP-9 10-12'
Matrix: Solid
Date Sampled: 04/08/2009 1230
% Solids: 56.6 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1732	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		580	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		580	ug/kg	1
Isophorone	78-59-1	8270D	ND		580	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		580	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		580	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270D	ND		1200	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		580	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		580	ug/kg	1
Naphthalene	91-20-3	8270D	ND		580	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		580	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		580	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		580	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		580	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		580	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		1400	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		1400	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		580	ug/kg	1
Phenol	108-95-2	8270D	ND		580	ug/kg	1
Pyrene	129-00-0	8270D	ND		580	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		580	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		580	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		61	30-117
2-Fluorobiphenyl		63	33-102
2-Fluorophenol		59	28-104
Nitrobenzene-d5		61	22-109
Phenol-d5		56	27-103
Terphenyl-d14		69	41-120

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

ICP-AES

Client: ERM-Southeast, Inc
Description: GP-9 10-12'
Date Sampled: 04/08/2009 1230
Date Received: 04/09/2009

Laboratory ID: KD09058-021
Matrix: Solid
% Solids: 56.6 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 1932	CDF	04/09/2009 2345	98537
2	3050B	6010C	5	04/16/2009 1616	CDF	04/09/2009 2345	98537

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		4.4	mg/kg	2
Arsenic	7440-38-2	6010C	1.5		0.88	mg/kg	1
Beryllium	7440-41-7	6010C	1.9		0.35	mg/kg	1
Cadmium	7440-43-9	6010C	1.1		0.88	mg/kg	2
Chromium	7440-47-3	6010C	170		2.2	mg/kg	2
Copper	7440-50-8	6010C	59		2.2	mg/kg	2
Lead	7439-92-1	6010C	14		4.4	mg/kg	2
Nickel	7440-02-0	6010C	48		3.5	mg/kg	1
Selenium	7782-49-2	6010C	ND		4.4	mg/kg	2
Silver	7440-22-4	6010C	2.4		2.2	mg/kg	2
Thallium	7440-28-0	6010C	ND		22	mg/kg	2
Zinc	7440-66-6	6010C	32		22	mg/kg	2

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: ERM-Southeast, Inc
Description: GP-9 10-12'
Date Sampled: 04/08/2009 1230
Date Received: 04/09/2009

Laboratory ID: KD09058-021
Matrix: Solid
% Solids: 56.6 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1821	BNW	04/10/2009 1613	98541

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.15	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-022
Description: GP-9 26-28'
Matrix: Solid
Date Sampled: 04/08/2009 1240
% Solids: 69.6 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0125	DLB		98785	5.51

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		26	ug/kg	1
Benzene	71-43-2	8260B	ND		6.5	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.5	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.5	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.5	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		13	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.5	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.5	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.5	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.5	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.5	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.5	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.5	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.5	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.5	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.5	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.5	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.5	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.5	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.5	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.5	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.5	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.5	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.5	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		13	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.5	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.5	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.5	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		13	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.5	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.5	ug/kg	1
Styrene	100-42-5	8260B	ND		6.5	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.5	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		6.5	ug/kg	1
Toluene	108-88-3	8260B	ND		6.5	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.5	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.5	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.5	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.5	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-022
Description: GP-9 26-28'
Matrix: Solid
Date Sampled: 04/08/2009 1240
% Solids: 69.6 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0125	DLB		98785	5.51

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	39		6.5	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.5	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.5	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		56	53-142
Bromofluorobenzene		102	47-138
Toluene-d8		73	68-124

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-022
Description: GP-9 26-28'
Matrix: Solid
Date Sampled: 04/08/2009 1240
% Solids: 69.6 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1751	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		470	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		470	ug/kg	1
Acetophenone	98-86-2	8270D	ND		470	ug/kg	1
Anthracene	120-12-7	8270D	ND		470	ug/kg	1
Atrazine	1912-24-9	8270D	ND		470	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		1200	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		470	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		470	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		470	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		470	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		470	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		470	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		470	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		470	ug/kg	1
Caprolactam	105-60-2	8270D	ND		1200	ug/kg	1
Carbazole	86-74-8	8270D	ND		470	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		470	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		470	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		470	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		470	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		470	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		470	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		470	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		470	ug/kg	1
Chrysene	218-01-9	8270D	ND		470	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		470	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		470	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		470	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		470	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		1200	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		470	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		470	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		470	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		470	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		1200	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		1200	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		470	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		470	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		470	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		470	ug/kg	1
Fluorene	86-73-7	8270D	ND		470	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		470	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		470	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		1200	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-022
Description: GP-9 26-28'
Matrix: Solid
Date Sampled: 04/08/2009 1240
% Solids: 69.6 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1751	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		470	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		470	ug/kg	1
Isophorone	78-59-1	8270D	ND		470	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		470	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		470	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270D	ND		950	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		470	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		470	ug/kg	1
Naphthalene	91-20-3	8270D	ND		470	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		470	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		470	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		470	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		470	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		470	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		1200	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		1200	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		470	ug/kg	1
Phenol	108-95-2	8270D	ND		470	ug/kg	1
Pyrene	129-00-0	8270D	ND		470	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		470	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		470	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		62	30-117
2-Fluorobiphenyl		62	33-102
2-Fluorophenol		53	28-104
Nitrobenzene-d5		57	22-109
Phenol-d5		54	27-103
Terphenyl-d14		69	41-120

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

ICP-AES

Client: ERM-Southeast, Inc
Description: GP-9 26-28'
Date Sampled: 04/08/2009 1240
Date Received: 04/09/2009

Laboratory ID: KD09058-022
Matrix: Solid
% Solids: 69.6 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 1939	CDF	04/09/2009 2345	98537

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.72	mg/kg	1
Arsenic	7440-38-2	6010C	2.2		0.72	mg/kg	1
Beryllium	7440-41-7	6010C	0.35		0.29	mg/kg	1
Cadmium	7440-43-9	6010C	ND		0.14	mg/kg	1
Chromium	7440-47-3	6010C	0.70		0.36	mg/kg	1
Copper	7440-50-8	6010C	0.83		0.36	mg/kg	1
Lead	7439-92-1	6010C	ND		0.72	mg/kg	1
Nickel	7440-02-0	6010C	ND		2.9	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.72	mg/kg	1
Silver	7440-22-4	6010C	ND		0.36	mg/kg	1
Thallium	7440-28-0	6010C	ND		3.6	mg/kg	1
Zinc	7440-66-6	6010C	ND		3.6	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: ERM-Southeast, Inc
Description: GP-9 26-28'
Date Sampled: 04/08/2009 1240
Date Received: 04/09/2009

Laboratory ID: KD09058-022
Matrix: Solid
% Solids: 69.6 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1823	BNW	04/10/2009 1613	98541

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.12	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-023
Description: GP-9 38-40'
Matrix: Solid
Date Sampled: 04/08/2009 1250
% Solids: 75.8 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0149	DLB		98785	6.06

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		22	ug/kg	1
Benzene	71-43-2	8260B	ND		5.4	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.4	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.4	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.4	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.4	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.4	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.4	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.4	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.4	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.4	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.4	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.4	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.4	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.4	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.4	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.4	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.4	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.4	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	8.6		5.4	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.4	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.4	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.4	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.4	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.4	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.4	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.4	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.4	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.4	ug/kg	1
Styrene	100-42-5	8260B	ND		5.4	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.4	ug/kg	1
Tetrachloroethene	127-18-4	8260B	18		5.4	ug/kg	1
Toluene	108-88-3	8260B	ND		5.4	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.4	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.4	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.4	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.4	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-023
Description: GP-9 38-40'
Matrix: Solid
Date Sampled: 04/08/2009 1250
% Solids: 75.8 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0149	DLB		98785	6.06

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	320		5.4	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.4	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.4	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		66	53-142
Bromofluorobenzene		113	47-138
Toluene-d8		79	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-023
Description: GP-9 38-40'
Matrix: Solid
Date Sampled: 04/08/2009 1250
% Solids: 75.8 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1810	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		430	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		430	ug/kg	1
Acetophenone	98-86-2	8270D	ND		430	ug/kg	1
Anthracene	120-12-7	8270D	ND		430	ug/kg	1
Atrazine	1912-24-9	8270D	ND		430	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		1100	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		430	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		430	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		430	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		430	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		430	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		430	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		430	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		430	ug/kg	1
Caprolactam	105-60-2	8270D	ND		1100	ug/kg	1
Carbazole	86-74-8	8270D	ND		430	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		430	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		430	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		430	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		430	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		430	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		430	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		430	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		430	ug/kg	1
Chrysene	218-01-9	8270D	ND		430	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		430	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		430	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		430	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		430	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		1100	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		430	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		430	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		430	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		430	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		1100	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		1100	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		430	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		430	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		430	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		430	ug/kg	1
Fluorene	86-73-7	8270D	ND		430	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		430	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		430	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		1100	ug/kg	1

PQL = Practical quantitation limit
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ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-023
Description: GP-9 38-40'
Matrix: Solid
Date Sampled: 04/08/2009 1250
% Solids: 75.8 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1810	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		430	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		430	ug/kg	1
Isophorone	78-59-1	8270D	ND		430	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		430	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		430	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270D	ND		870	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		430	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		430	ug/kg	1
Naphthalene	91-20-3	8270D	ND		430	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		430	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		430	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		430	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		430	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		430	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		1100	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		1100	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		430	ug/kg	1
Phenol	108-95-2	8270D	ND		430	ug/kg	1
Pyrene	129-00-0	8270D	ND		430	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		430	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		430	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		66	30-117
2-Fluorobiphenyl		65	33-102
2-Fluorophenol		59	28-104
Nitrobenzene-d5		60	22-109
Phenol-d5		60	27-103
Terphenyl-d14		72	41-120

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ND = Not detected at or above the PQL
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N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

ICP-AES

Client: ERM-Southeast, Inc
Description: GP-9 38-40'
Date Sampled: 04/08/2009 1250
Date Received: 04/09/2009

Laboratory ID: KD09058-023
Matrix: Solid
% Solids: 75.8 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 1945	CDF	04/09/2009 2345	98537

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.66	mg/kg	1
Arsenic	7440-38-2	6010C	ND		0.66	mg/kg	1
Beryllium	7440-41-7	6010C	0.84		0.26	mg/kg	1
Cadmium	7440-43-9	6010C	0.40		0.13	mg/kg	1
Chromium	7440-47-3	6010C	1.7		0.33	mg/kg	1
Copper	7440-50-8	6010C	6.2		0.33	mg/kg	1
Lead	7439-92-1	6010C	6.6		0.66	mg/kg	1
Nickel	7440-02-0	6010C	6.4		2.6	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.66	mg/kg	1
Silver	7440-22-4	6010C	ND		0.33	mg/kg	1
Thallium	7440-28-0	6010C	ND		3.3	mg/kg	1
Zinc	7440-66-6	6010C	80		3.3	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

CVAA

Client: ERM-Southeast, Inc
Description: GP-9 38-40'
Date Sampled: 04/08/2009 1250
Date Received: 04/09/2009

Laboratory ID: KD09058-023
Matrix: Solid
% Solids: 75.8 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1824	BNW	04/10/2009 1613	98541

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.11	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
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E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-024
Description: GP-10 6-8'
Matrix: Solid
Date Sampled: 04/08/2009 1320
% Solids: 81.8 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0212	DLB		98785	5.39

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		23	ug/kg	1
Benzene	71-43-2	8260B	ND		5.7	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.7	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.7	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.7	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.7	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.7	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.7	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.7	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.7	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.7	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.7	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.7	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.7	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.7	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.7	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.7	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.7	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.7	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.7	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.7	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.7	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.7	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.7	ug/kg	1
Toluene	108-88-3	8260B	ND		5.7	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.7	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.7	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.7	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-024
Description: GP-10 6-8'
Matrix: Solid
Date Sampled: 04/08/2009 1320
% Solids: 81.8 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0212	DLB		98785	5.39

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	6.7		5.7	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.7	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.7	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		61	53-142
Bromofluorobenzene		112	47-138
Toluene-d8		80	68-124

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
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Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-024
Description: GP-10 6-8'
Matrix: Solid
Date Sampled: 04/08/2009 1320
% Solids: 81.8 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1829	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		400	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		400	ug/kg	1
Acetophenone	98-86-2	8270D	ND		400	ug/kg	1
Anthracene	120-12-7	8270D	ND		400	ug/kg	1
Atrazine	1912-24-9	8270D	ND		400	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		1000	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		400	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		400	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		400	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		400	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		400	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		400	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		400	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		400	ug/kg	1
Caprolactam	105-60-2	8270D	ND		1000	ug/kg	1
Carbazole	86-74-8	8270D	ND		400	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		400	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		400	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		400	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		400	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		400	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		400	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		400	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		400	ug/kg	1
Chrysene	218-01-9	8270D	ND		400	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		400	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		400	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		400	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		400	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		1000	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		400	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		400	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		400	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		400	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		1000	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		1000	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		400	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		400	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		400	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		400	ug/kg	1
Fluorene	86-73-7	8270D	ND		400	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		400	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		400	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		1000	ug/kg	1

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P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-024
Description: GP-10 6-8'
Matrix: Solid
Date Sampled: 04/08/2009 1320
% Solids: 81.8 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1829	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		400	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		400	ug/kg	1
Isophorone	78-59-1	8270D	ND		400	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		400	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		400	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270D	ND		820	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		400	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		400	ug/kg	1
Naphthalene	91-20-3	8270D	ND		400	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		400	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		400	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		400	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		400	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		400	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		1000	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		1000	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		400	ug/kg	1
Phenol	108-95-2	8270D	ND		400	ug/kg	1
Pyrene	129-00-0	8270D	ND		400	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		400	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		400	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		78	30-117
2-Fluorobiphenyl		81	33-102
2-Fluorophenol		78	28-104
Nitrobenzene-d5		80	22-109
Phenol-d5		74	27-103
Terphenyl-d14		78	41-120

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

ICP-AES

Client: ERM-Southeast, Inc
Description: GP-10 6-8'
Date Sampled: 04/08/2009 1320
Date Received: 04/09/2009

Laboratory ID: KD09058-024
Matrix: Solid
% Solids: 81.8 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 1952	CDF	04/09/2009 2345	98537
2	3050B	6010C	2	04/15/2009 2222	KJC	04/09/2009 2345	98537

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		1.2	mg/kg	2
Arsenic	7440-38-2	6010C	1.6		0.61	mg/kg	1
Beryllium	7440-41-7	6010C	0.39		0.24	mg/kg	1
Cadmium	7440-43-9	6010C	ND		0.24	mg/kg	2
Chromium	7440-47-3	6010C	16		0.61	mg/kg	2
Copper	7440-50-8	6010C	17		0.61	mg/kg	2
Lead	7439-92-1	6010C	16		1.2	mg/kg	2
Nickel	7440-02-0	6010C	4.1		2.4	mg/kg	1
Selenium	7782-49-2	6010C	ND		1.2	mg/kg	2
Silver	7440-22-4	6010C	1.1		0.61	mg/kg	2
Thallium	7440-28-0	6010C	ND		6.1	mg/kg	2
Zinc	7440-66-6	6010C	21		6.1	mg/kg	2

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: ERM-Southeast, Inc
Description: GP-10 6-8'
Date Sampled: 04/08/2009 1320
Date Received: 04/09/2009

Laboratory ID: KD09058-024
Matrix: Solid
% Solids: 81.8 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1825	BNW	04/10/2009 1613	98541

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.10	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-025
Description: GP-11 4-6'
Matrix: Solid
Date Sampled: 04/08/2009 1520
% Solids: 77.6 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0236	DLB		98785	5.81

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		22	ug/kg	1
Benzene	71-43-2	8260B	ND		5.5	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.5	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.5	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.5	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.5	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.5	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.5	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.5	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.5	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.5	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.5	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.5	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.5	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.5	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.5	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.5	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.5	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.5	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.5	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.5	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.5	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.5	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.5	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.5	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.5	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.5	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.5	ug/kg	1
Styrene	100-42-5	8260B	ND		5.5	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.5	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.5	ug/kg	1
Toluene	108-88-3	8260B	ND		5.5	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.5	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.5	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.5	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.5	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-025
Description: GP-11 4-6'
Matrix: Solid
Date Sampled: 04/08/2009 1520
% Solids: 77.6 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0236	DLB		98785	5.81

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.5	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.5	ug/kg	1
Xylenes (total)	1330-20-7	8260B	97		5.5	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		66	53-142
Bromofluorobenzene		116	47-138
Toluene-d8		78	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-025
Description: GP-11 4-6'
Matrix: Solid
Date Sampled: 04/08/2009 1520
% Solids: 77.6 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	3550C	8270D	1	04/15/2009 1642	DC	04/15/2009 1009	98799

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		420	ug/kg	2
Acenaphthylene	208-96-8	8270D	ND		420	ug/kg	2
Acetophenone	98-86-2	8270D	ND		420	ug/kg	2
Anthracene	120-12-7	8270D	ND		420	ug/kg	2
Atrazine	1912-24-9	8270D	ND		420	ug/kg	2
Benzaldehyde	100-52-7	8270D	ND		1000	ug/kg	2
Benzo(a)anthracene	56-55-3	8270D	ND		420	ug/kg	2
Benzo(a)pyrene	50-32-8	8270D	ND		420	ug/kg	2
Benzo(b)fluoranthene	205-99-2	8270D	ND		420	ug/kg	2
Benzo(g,h,i)perylene	191-24-2	8270D	ND		420	ug/kg	2
Benzo(k)fluoranthene	207-08-9	8270D	ND		420	ug/kg	2
1,1'-Biphenyl	92-52-4	8270D	ND		420	ug/kg	2
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		420	ug/kg	2
Butyl benzyl phthalate	85-68-7	8270D	ND		420	ug/kg	2
Caprolactam	105-60-2	8270D	ND		1000	ug/kg	2
Carbazole	86-74-8	8270D	ND		420	ug/kg	2
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		420	ug/kg	2
4-Chloroaniline	106-47-8	8270D	ND		420	ug/kg	2
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		420	ug/kg	2
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		420	ug/kg	2
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		420	ug/kg	2
2-Chloronaphthalene	91-58-7	8270D	ND		420	ug/kg	2
2-Chlorophenol	95-57-8	8270D	ND		420	ug/kg	2
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		420	ug/kg	2
Chrysene	218-01-9	8270D	ND		420	ug/kg	2
Di-n-butyl phthalate	84-74-2	8270D	ND		420	ug/kg	2
Di-n-octylphthalate	117-84-0	8270D	ND		420	ug/kg	2
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		420	ug/kg	2
Dibenzofuran	132-64-9	8270D	ND		420	ug/kg	2
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		1000	ug/kg	2
2,4-Dichlorophenol	120-83-2	8270D	ND		420	ug/kg	2
Diethylphthalate	84-66-2	8270D	ND		420	ug/kg	2
Dimethyl phthalate	131-11-3	8270D	ND		420	ug/kg	2
2,4-Dimethylphenol	105-67-9	8270D	ND		420	ug/kg	2
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		1000	ug/kg	2
2,4-Dinitrophenol	51-28-5	8270D	ND		1000	ug/kg	2
2,4-Dinitrotoluene	121-14-2	8270D	ND		420	ug/kg	2
2,6-Dinitrotoluene	606-20-2	8270D	ND		420	ug/kg	2
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		420	ug/kg	2
Fluoranthene	206-44-0	8270D	ND		420	ug/kg	2
Fluorene	86-73-7	8270D	ND		420	ug/kg	2
Hexachlorobenzene	118-74-1	8270D	ND		420	ug/kg	2
Hexachlorobutadiene	87-68-3	8270D	ND		420	ug/kg	2
Hexachlorocyclopentadiene	77-47-4	8270D	ND		1000	ug/kg	2

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
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E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-025
Description: GP-11 4-6'
Matrix: Solid
Date Sampled: 04/08/2009 1520
% Solids: 77.6 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	3550C	8270D	1	04/15/2009 1642	DC	04/15/2009 1009	98799

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		420	ug/kg	2
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		420	ug/kg	2
Isophorone	78-59-1	8270D	ND		420	ug/kg	2
2-Methylnaphthalene	91-57-6	8270D	ND		420	ug/kg	2
2-Methylphenol	95-48-7	8270D	ND		420	ug/kg	2
3 & 4-Methylphenol	106-44-5	8270D	ND		850	ug/kg	2
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		420	ug/kg	2
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		420	ug/kg	2
Naphthalene	91-20-3	8270D	ND		420	ug/kg	2
2-Nitroaniline	88-74-4	8270D	ND		420	ug/kg	2
3-Nitroaniline	99-09-2	8270D	ND		420	ug/kg	2
4-Nitroaniline	100-01-6	8270D	ND		420	ug/kg	2
Nitrobenzene	98-95-3	8270D	ND		420	ug/kg	2
2-Nitrophenol	88-75-5	8270D	ND		420	ug/kg	2
4-Nitrophenol	100-02-7	8270D	ND		1000	ug/kg	2
Pentachlorophenol	87-86-5	8270D	ND		1000	ug/kg	2
Phenanthrene	85-01-8	8270D	ND		420	ug/kg	2
Phenol	108-95-2	8270D	ND		420	ug/kg	2
Pyrene	129-00-0	8270D	ND		420	ug/kg	2
2,4,5-Trichlorophenol	95-95-4	8270D	ND		420	ug/kg	2
2,4,6-Trichlorophenol	88-06-2	8270D	ND		420	ug/kg	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		76	30-117
2-Fluorobiphenyl		90	33-102
2-Fluorophenol		81	28-104
Nitrobenzene-d5		84	22-109
Phenol-d5		65	27-103
Terphenyl-d14		83	41-120

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

ICP-AES

Client: ERM-Southeast, Inc
Description: GP-11 4-6'
Date Sampled: 04/08/2009 1520
Date Received: 04/09/2009

Laboratory ID: KD09058-025
Matrix: Solid
% Solids: 77.6 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 1958	CDF	04/09/2009 2345	98537

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.64	mg/kg	1
Arsenic	7440-38-2	6010C	0.71		0.64	mg/kg	1
Beryllium	7440-41-7	6010C	0.95		0.26	mg/kg	1
Cadmium	7440-43-9	6010C	0.47		0.13	mg/kg	1
Chromium	7440-47-3	6010C	28		0.32	mg/kg	1
Copper	7440-50-8	6010C	11		0.32	mg/kg	1
Lead	7439-92-1	6010C	15		0.64	mg/kg	1
Nickel	7440-02-0	6010C	11		2.6	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.64	mg/kg	1
Silver	7440-22-4	6010C	0.40		0.32	mg/kg	1
Thallium	7440-28-0	6010C	3.3		3.2	mg/kg	1
Zinc	7440-66-6	6010C	29		3.2	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-025
Description: GP-11 4-6'
Matrix: Solid
Date Sampled: 04/08/2009 1520
% Solids: 77.6 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1828	BNW	04/10/2009 1613	98541

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.11	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-026
Description: GP-11 18-20'
Matrix: Solid
Date Sampled: 04/08/2009 1525
% Solids: 89.0 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0259	DLB		98785	4.85

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		23	ug/kg	1
Benzene	71-43-2	8260B	ND		5.8	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.8	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.8	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.8	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.8	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.8	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.8	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.8	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.8	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.8	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.8	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.8	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.8	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.8	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.8	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.8	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.8	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.8	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.8	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.8	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.8	ug/kg	1
Styrene	100-42-5	8260B	ND		5.8	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.8	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.8	ug/kg	1
Toluene	108-88-3	8260B	ND		5.8	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.8	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.8	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.8	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-026
Description: GP-11 18-20'
Matrix: Solid
Date Sampled: 04/08/2009 1525
% Solids: 89.0 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0259	DLB		98785	4.85

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.8	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.8	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.8	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.8	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		67	53-142
Bromofluorobenzene		116	47-138
Toluene-d8		84	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-026
Description: GP-11 18-20'
Matrix: Solid
Date Sampled: 04/08/2009 1525
% Solids: 89.0 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1906	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		370	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		370	ug/kg	1
Acetophenone	98-86-2	8270D	ND		370	ug/kg	1
Anthracene	120-12-7	8270D	ND		370	ug/kg	1
Atrazine	1912-24-9	8270D	ND		370	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		930	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		370	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		370	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		370	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		370	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		370	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		370	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		370	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		370	ug/kg	1
Caprolactam	105-60-2	8270D	ND		930	ug/kg	1
Carbazole	86-74-8	8270D	ND		370	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		370	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		370	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		370	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		370	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		370	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		370	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		370	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		370	ug/kg	1
Chrysene	218-01-9	8270D	ND		370	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		370	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		370	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		370	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		370	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		930	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		370	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		370	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		370	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		370	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		930	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		930	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		370	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		370	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		370	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		370	ug/kg	1
Fluorene	86-73-7	8270D	ND		370	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		370	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		370	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		930	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Description: GP-11 18-20'
Date Sampled: 04/08/2009 1525
Date Received: 04/09/2009

Laboratory ID: KD09058-026
Matrix: Solid
% Solids: 89.0 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/13/2009 1906	DC	04/10/2009 1435	98575

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		370	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		370	ug/kg	1
Isophorone	78-59-1	8270D	ND		370	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		370	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		370	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270D	ND		750	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		370	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		370	ug/kg	1
Naphthalene	91-20-3	8270D	ND		370	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		370	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		370	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		370	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		370	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		370	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		930	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		930	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		370	ug/kg	1
Phenol	108-95-2	8270D	ND		370	ug/kg	1
Pyrene	129-00-0	8270D	ND		370	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		370	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		370	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		68	30-117
2-Fluorobiphenyl		64	33-102
2-Fluorophenol		56	28-104
Nitrobenzene-d5		61	22-109
Phenol-d5		58	27-103
Terphenyl-d14		71	41-120

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

ICP-AES

Client: ERM-Southeast, Inc
Description: GP-11 18-20'
Date Sampled: 04/08/2009 1525
Date Received: 04/09/2009

Laboratory ID: KD09058-026
Matrix: Solid
% Solids: 89.0 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 2051	CDF	04/09/2009 2345	98538

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.56	mg/kg	1
Arsenic	7440-38-2	6010C	ND		0.56	mg/kg	1
Beryllium	7440-41-7	6010C	0.66		0.22	mg/kg	1
Cadmium	7440-43-9	6010C	0.14		0.11	mg/kg	1
Chromium	7440-47-3	6010C	6.0		0.28	mg/kg	1
Copper	7440-50-8	6010C	3.3		0.28	mg/kg	1
Lead	7439-92-1	6010C	6.3		0.56	mg/kg	1
Nickel	7440-02-0	6010C	2.2		2.2	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.56	mg/kg	1
Silver	7440-22-4	6010C	ND		0.28	mg/kg	1
Thallium	7440-28-0	6010C	ND		2.8	mg/kg	1
Zinc	7440-66-6	6010C	29		2.8	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

CVAA

Client: ERM-Southeast, Inc
Description: GP-11 18-20'
Date Sampled: 04/08/2009 1525
Date Received: 04/09/2009

Laboratory ID: KD09058-026
Matrix: Solid
% Solids: 89.0 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1829	BNW	04/10/2009 1613	98541

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.093	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-027
Description: GP-11 38-40'
Matrix: Solid
Date Sampled: 04/08/2009 1530
% Solids: 83.1 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0323	DLB		98785	5.85

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/kg	1
Benzene	71-43-2	8260B	ND		5.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.1	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.1	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.1	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.1	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.1	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.1	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.1	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.1	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.1	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.1	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.1	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.1	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.1	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.1	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.1	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.1	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.1	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.1	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.1	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.1	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.1	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.1	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.1	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.1	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.1	ug/kg	1
Styrene	100-42-5	8260B	ND		5.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.1	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.1	ug/kg	1
Toluene	108-88-3	8260B	ND		5.1	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.1	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.1	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.1	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.1	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-027
Description: GP-11 38-40'
Matrix: Solid
Date Sampled: 04/08/2009 1530
% Solids: 83.1 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0323	DLB		98785	5.85

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.1	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.1	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.1	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		64	53-142
Bromofluorobenzene		115	47-138
Toluene-d8		82	68-124

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-027
Description: GP-11 38-40'
Matrix: Solid
Date Sampled: 04/08/2009 1530
% Solids: 83.1 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/15/2009 1255	DC	04/13/2009 1842	98666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		390	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		390	ug/kg	1
Acetophenone	98-86-2	8270D	ND		390	ug/kg	1
Anthracene	120-12-7	8270D	ND		390	ug/kg	1
Atrazine	1912-24-9	8270D	ND		390	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		990	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		390	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		390	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		390	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		390	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		390	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		390	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		390	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		390	ug/kg	1
Caprolactam	105-60-2	8270D	ND		990	ug/kg	1
Carbazole	86-74-8	8270D	ND		390	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		390	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		390	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		390	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		390	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		390	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		390	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		390	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		390	ug/kg	1
Chrysene	218-01-9	8270D	ND		390	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		390	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		390	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		390	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		390	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		990	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		390	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		390	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		390	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		390	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		990	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		990	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		390	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		390	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		390	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		390	ug/kg	1
Fluorene	86-73-7	8270D	ND		390	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		390	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		390	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		990	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Description: GP-11 38-40'
Date Sampled: 04/08/2009 1530
Date Received: 04/09/2009

Laboratory ID: KD09058-027
Matrix: Solid
% Solids: 83.1 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/15/2009 1255	DC	04/13/2009 1842	98666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		390	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		390	ug/kg	1
Isophorone	78-59-1	8270D	ND		390	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		390	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		390	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270D	ND		800	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		390	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		390	ug/kg	1
Naphthalene	91-20-3	8270D	ND		390	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		390	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		390	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		390	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		390	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		390	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		990	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		990	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		390	ug/kg	1
Phenol	108-95-2	8270D	ND		390	ug/kg	1
Pyrene	129-00-0	8270D	ND		390	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		390	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		390	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		42	30-117
2-Fluorobiphenyl		59	33-102
2-Fluorophenol		54	28-104
Nitrobenzene-d5		53	22-109
Phenol-d5		40	27-103
Terphenyl-d14		65	41-120

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

ICP-AES

Client: ERM-Southeast, Inc
Description: GP-11 38-40'
Date Sampled: 04/08/2009 1530
Date Received: 04/09/2009

Laboratory ID: KD09058-027
Matrix: Solid
% Solids: 83.1 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 2117	CDF	04/09/2009 2345	98538

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.60	mg/kg	1
Arsenic	7440-38-2	6010C	ND		0.60	mg/kg	1
Beryllium	7440-41-7	6010C	0.69		0.24	mg/kg	1
Cadmium	7440-43-9	6010C	ND		0.12	mg/kg	1
Chromium	7440-47-3	6010C	7.2		0.30	mg/kg	1
Copper	7440-50-8	6010C	1.7		0.30	mg/kg	1
Lead	7439-92-1	6010C	2.8		0.60	mg/kg	1
Nickel	7440-02-0	6010C	ND		2.4	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.60	mg/kg	1
Silver	7440-22-4	6010C	ND		0.30	mg/kg	1
Thallium	7440-28-0	6010C	ND		3.0	mg/kg	1
Zinc	7440-66-6	6010C	19		3.0	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: ERM-Southeast, Inc
Description: GP-11 38-40'
Date Sampled: 04/08/2009 1530
Date Received: 04/09/2009

Laboratory ID: KD09058-027
Matrix: Solid
% Solids: 83.1 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1837	BNW	04/10/2009 1613	98542

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.10	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-028
Description: GP-12 8-10'
Matrix: Solid
Date Sampled: 04/08/2009 1630
% Solids: 91.0 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0346	DLB		98785	4.95

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		22	ug/kg	1
Benzene	71-43-2	8260B	ND		5.5	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.5	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.5	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.5	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.5	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.5	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.5	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.5	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.5	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.5	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.5	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.5	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.5	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.5	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.5	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.5	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.5	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.5	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.5	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.5	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.5	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.5	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.5	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.5	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.5	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.5	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.5	ug/kg	1
Styrene	100-42-5	8260B	ND		5.5	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.5	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.5	ug/kg	1
Toluene	108-88-3	8260B	ND		5.5	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.5	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.5	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.5	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.5	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-028
Description: GP-12 8-10'
Matrix: Solid
Date Sampled: 04/08/2009 1630
% Solids: 91.0 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0346	DLB		98785	4.95

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.5	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.5	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.5	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		67	53-142
Bromofluorobenzene		118	47-138
Toluene-d8		84	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-028
Description: GP-12 8-10'
Matrix: Solid
Date Sampled: 04/08/2009 1630
% Solids: 91.0 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/15/2009 1314	DC	04/13/2009 1842	98666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		360	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		360	ug/kg	1
Acetophenone	98-86-2	8270D	ND		360	ug/kg	1
Anthracene	120-12-7	8270D	ND		360	ug/kg	1
Atrazine	1912-24-9	8270D	ND		360	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		900	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		360	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		360	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		360	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		360	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		360	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		360	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		360	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		360	ug/kg	1
Caprolactam	105-60-2	8270D	ND		900	ug/kg	1
Carbazole	86-74-8	8270D	ND		360	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		360	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		360	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		360	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		360	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		360	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		360	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		360	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		360	ug/kg	1
Chrysene	218-01-9	8270D	ND		360	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		360	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		360	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		360	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		360	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		900	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		360	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		360	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		360	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		360	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		900	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		900	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		360	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		360	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		360	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		360	ug/kg	1
Fluorene	86-73-7	8270D	ND		360	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		360	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		360	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		900	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-028
Description: GP-12 8-10'
Matrix: Solid
Date Sampled: 04/08/2009 1630
% Solids: 91.0 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/15/2009 1314	DC	04/13/2009 1842	98666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		360	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		360	ug/kg	1
Isophorone	78-59-1	8270D	ND		360	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		360	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		360	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270D	ND		730	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		360	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		360	ug/kg	1
Naphthalene	91-20-3	8270D	ND		360	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		360	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		360	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		360	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		360	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		360	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		900	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		900	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		360	ug/kg	1
Phenol	108-95-2	8270D	ND		360	ug/kg	1
Pyrene	129-00-0	8270D	ND		360	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		360	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		360	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		40	30-117
2-Fluorobiphenyl		49	33-102
2-Fluorophenol		47	28-104
Nitrobenzene-d5		45	22-109
Phenol-d5		38	27-103
Terphenyl-d14		60	41-120

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

ICP-AES

Client: ERM-Southeast, Inc
Description: GP-12 8-10'
Date Sampled: 04/08/2009 1630
Date Received: 04/09/2009

Laboratory ID: KD09058-028
Matrix: Solid
% Solids: 91.0 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 2123	CDF	04/09/2009 2345	98538

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.55	mg/kg	1
Arsenic	7440-38-2	6010C	ND		0.55	mg/kg	1
Beryllium	7440-41-7	6010C	0.40		0.22	mg/kg	1
Cadmium	7440-43-9	6010C	0.12		0.11	mg/kg	1
Chromium	7440-47-3	6010C	0.79		0.27	mg/kg	1
Copper	7440-50-8	6010C	1.7		0.27	mg/kg	1
Lead	7439-92-1	6010C	3.6		0.55	mg/kg	1
Nickel	7440-02-0	6010C	ND		2.2	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.55	mg/kg	1
Silver	7440-22-4	6010C	0.28		0.27	mg/kg	1
Thallium	7440-28-0	6010C	ND		2.7	mg/kg	1
Zinc	7440-66-6	6010C	12		2.7	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-028
Description: GP-12 8-10'
Matrix: Solid
Date Sampled: 04/08/2009 1630
% Solids: 91.0 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1839	BNW	04/10/2009 1613	98542

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.091	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-029
Description: GP-12 24-26'
Matrix: Solid
Date Sampled: 04/08/2009 1635
% Solids: 84.0 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0409	DLB		98785	5.48

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		22	ug/kg	1
Benzene	71-43-2	8260B	ND		5.4	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.4	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.4	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.4	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.4	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.4	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.4	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.4	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.4	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.4	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.4	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.4	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.4	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.4	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.4	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.4	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.4	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.4	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.4	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.4	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.4	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.4	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.4	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.4	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.4	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.4	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.4	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.4	ug/kg	1
Styrene	100-42-5	8260B	ND		5.4	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.4	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.4	ug/kg	1
Toluene	108-88-3	8260B	ND		5.4	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.4	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.4	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.4	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.4	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-029
Description: GP-12 24-26'
Matrix: Solid
Date Sampled: 04/08/2009 1635
% Solids: 84.0 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0409	DLB		98785	5.48

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.4	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.4	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.4	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		66	53-142
Bromofluorobenzene		114	47-138
Toluene-d8		84	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-029
Description: GP-12 24-26'
Matrix: Solid
Date Sampled: 04/08/2009 1635
% Solids: 84.0 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/15/2009 1333	DC	04/13/2009 1842	98666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		380	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		380	ug/kg	1
Acetophenone	98-86-2	8270D	ND		380	ug/kg	1
Anthracene	120-12-7	8270D	ND		380	ug/kg	1
Atrazine	1912-24-9	8270D	ND		380	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		960	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		380	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		380	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		380	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		380	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		380	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		380	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		380	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		380	ug/kg	1
Caprolactam	105-60-2	8270D	ND		960	ug/kg	1
Carbazole	86-74-8	8270D	ND		380	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		380	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		380	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		380	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		380	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		380	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		380	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		380	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		380	ug/kg	1
Chrysene	218-01-9	8270D	ND		380	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		380	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		380	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		380	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		380	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		960	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		380	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		380	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		380	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		380	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		960	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		960	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		380	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		380	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		380	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		380	ug/kg	1
Fluorene	86-73-7	8270D	ND		380	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		380	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		380	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		960	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Description: GP-12 24-26'
Date Sampled: 04/08/2009 1635
Date Received: 04/09/2009

Laboratory ID: KD09058-029
Matrix: Solid
% Solids: 84.0 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/15/2009 1333	DC	04/13/2009 1842	98666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		380	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		380	ug/kg	1
Isophorone	78-59-1	8270D	ND		380	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		380	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		380	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270D	ND		780	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		380	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		380	ug/kg	1
Naphthalene	91-20-3	8270D	ND		380	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		380	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		380	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		380	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		380	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		380	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		960	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		960	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		380	ug/kg	1
Phenol	108-95-2	8270D	ND		380	ug/kg	1
Pyrene	129-00-0	8270D	ND		380	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		380	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		380	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		43	30-117
2-Fluorobiphenyl		51	33-102
2-Fluorophenol		50	28-104
Nitrobenzene-d5		48	22-109
Phenol-d5		40	27-103
Terphenyl-d14		64	41-120

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

ICP-AES

Client: ERM-Southeast, Inc
Description: GP-12 24-26'
Date Sampled: 04/08/2009 1635
Date Received: 04/09/2009

Laboratory ID: KD09058-029
Matrix: Solid
% Solids: 84.0 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 2130	CDF	04/09/2009 2345	98538

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.60	mg/kg	1
Arsenic	7440-38-2	6010C	ND		0.60	mg/kg	1
Beryllium	7440-41-7	6010C	0.58		0.24	mg/kg	1
Cadmium	7440-43-9	6010C	ND		0.12	mg/kg	1
Chromium	7440-47-3	6010C	4.3		0.30	mg/kg	1
Copper	7440-50-8	6010C	0.58		0.30	mg/kg	1
Lead	7439-92-1	6010C	1.3		0.60	mg/kg	1
Nickel	7440-02-0	6010C	ND		2.4	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.60	mg/kg	1
Silver	7440-22-4	6010C	ND		0.30	mg/kg	1
Thallium	7440-28-0	6010C	ND		3.0	mg/kg	1
Zinc	7440-66-6	6010C	18		3.0	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: ERM-Southeast, Inc
Description: GP-12 24-26'
Date Sampled: 04/08/2009 1635
Date Received: 04/09/2009

Laboratory ID: KD09058-029
Matrix: Solid
% Solids: 84.0 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1840	BNW	04/10/2009 1613	98542

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.099	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-030
Description: GP-12 35-37'
Matrix: Solid
Date Sampled: 04/08/2009 1640
% Solids: 87.0 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0432	DLB		98785	5.33

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		22	ug/kg	1
Benzene	71-43-2	8260B	ND		5.4	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.4	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.4	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.4	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.4	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.4	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.4	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.4	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.4	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.4	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.4	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.4	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.4	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.4	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.4	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.4	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.4	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.4	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.4	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.4	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.4	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.4	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.4	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.4	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.4	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.4	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.4	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.4	ug/kg	1
Styrene	100-42-5	8260B	ND		5.4	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.4	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.4	ug/kg	1
Toluene	108-88-3	8260B	ND		5.4	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.4	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.4	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.4	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.4	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-030
Description: GP-12 35-37'
Matrix: Solid
Date Sampled: 04/08/2009 1640
% Solids: 87.0 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0432	DLB		98785	5.33

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.4	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.4	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.4	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		55	53-142
Bromofluorobenzene		97	47-138
Toluene-d8		68	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-030
Description: GP-12 35-37'
Matrix: Solid
Date Sampled: 04/08/2009 1640
% Solids: 87.0 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/15/2009 1351	DC	04/13/2009 1842	98666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		370	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		370	ug/kg	1
Acetophenone	98-86-2	8270D	ND		370	ug/kg	1
Anthracene	120-12-7	8270D	ND		370	ug/kg	1
Atrazine	1912-24-9	8270D	ND		370	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		930	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		370	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		370	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		370	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		370	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		370	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		370	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		370	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		370	ug/kg	1
Caprolactam	105-60-2	8270D	ND		930	ug/kg	1
Carbazole	86-74-8	8270D	ND		370	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		370	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		370	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		370	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		370	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		370	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		370	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		370	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		370	ug/kg	1
Chrysene	218-01-9	8270D	ND		370	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		370	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		370	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		370	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		370	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		930	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		370	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		370	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		370	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		370	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		930	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		930	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		370	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		370	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		370	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		370	ug/kg	1
Fluorene	86-73-7	8270D	ND		370	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		370	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		370	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		930	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-030
Description: GP-12 35-37'
Matrix: Solid
Date Sampled: 04/08/2009 1640
% Solids: 87.0 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/15/2009 1351	DC	04/13/2009 1842	98666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		370	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		370	ug/kg	1
Isophorone	78-59-1	8270D	ND		370	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		370	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		370	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270D	ND		750	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		370	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		370	ug/kg	1
Naphthalene	91-20-3	8270D	ND		370	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		370	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		370	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		370	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		370	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		370	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		930	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		930	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		370	ug/kg	1
Phenol	108-95-2	8270D	ND		370	ug/kg	1
Pyrene	129-00-0	8270D	ND		370	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		370	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		370	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		42	30-117
2-Fluorobiphenyl		61	33-102
2-Fluorophenol		57	28-104
Nitrobenzene-d5		58	22-109
Phenol-d5		46	27-103
Terphenyl-d14		66	41-120

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

ICP-AES

Client: ERM-Southeast, Inc
Description: GP-12 35-37'
Date Sampled: 04/08/2009 1640
Date Received: 04/09/2009

Laboratory ID: KD09058-030
Matrix: Solid
% Solids: 87.0 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 2150	CDF	04/09/2009 2345	98538

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.57	mg/kg	1
Arsenic	7440-38-2	6010C	ND		0.57	mg/kg	1
Beryllium	7440-41-7	6010C	0.66		0.23	mg/kg	1
Cadmium	7440-43-9	6010C	0.15		0.11	mg/kg	1
Chromium	7440-47-3	6010C	1.2		0.29	mg/kg	1
Copper	7440-50-8	6010C	0.60		0.29	mg/kg	1
Lead	7439-92-1	6010C	0.78		0.57	mg/kg	1
Nickel	7440-02-0	6010C	ND		2.3	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.57	mg/kg	1
Silver	7440-22-4	6010C	0.29		0.29	mg/kg	1
Thallium	7440-28-0	6010C	ND		2.9	mg/kg	1
Zinc	7440-66-6	6010C	16		2.9	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

CVAA

Client: ERM-Southeast, Inc
Description: GP-12 35-37'
Date Sampled: 04/08/2009 1640
Date Received: 04/09/2009

Laboratory ID: KD09058-030
Matrix: Solid
% Solids: 87.0 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1841	BNW	04/10/2009 1613	98542

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.095	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-031
Description: GP-13 8-10'
Matrix: Solid
Date Sampled: 04/08/2009 1640
% Solids: 87.8 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0455	DLB		98785	4.85

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		23	ug/kg	1
Benzene	71-43-2	8260B	ND		5.9	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.9	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.9	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.9	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.9	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.9	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.9	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.9	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.9	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.9	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.9	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.9	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.9	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.9	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.9	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.9	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.9	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.9	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.9	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.9	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.9	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.9	ug/kg	1
Styrene	100-42-5	8260B	ND		5.9	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.9	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.9	ug/kg	1
Toluene	108-88-3	8260B	ND		5.9	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.9	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.9	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.9	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-031
Description: GP-13 8-10'
Matrix: Solid
Date Sampled: 04/08/2009 1640
% Solids: 87.8 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0455	DLB		98785	4.85

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.9	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.9	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.9	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		69	53-142
Bromofluorobenzene		117	47-138
Toluene-d8		84	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-031
Description: GP-13 8-10'
Matrix: Solid
Date Sampled: 04/08/2009 1640
% Solids: 87.8 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/15/2009 1410	DC	04/13/2009 1842	98666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		370	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		370	ug/kg	1
Acetophenone	98-86-2	8270D	ND		370	ug/kg	1
Anthracene	120-12-7	8270D	ND		370	ug/kg	1
Atrazine	1912-24-9	8270D	ND		370	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		930	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		370	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		370	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		370	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		370	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		370	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		370	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		370	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		370	ug/kg	1
Caprolactam	105-60-2	8270D	ND		930	ug/kg	1
Carbazole	86-74-8	8270D	ND		370	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		370	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		370	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		370	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		370	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		370	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		370	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		370	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		370	ug/kg	1
Chrysene	218-01-9	8270D	ND		370	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		370	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		370	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		370	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		370	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		930	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		370	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		370	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		370	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		370	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		930	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		930	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		370	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		370	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		370	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		370	ug/kg	1
Fluorene	86-73-7	8270D	ND		370	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		370	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		370	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		930	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-031
Description: GP-13 8-10'
Matrix: Solid
Date Sampled: 04/08/2009 1640
% Solids: 87.8 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/15/2009 1410	DC	04/13/2009 1842	98666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		370	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		370	ug/kg	1
Isophorone	78-59-1	8270D	ND		370	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		370	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		370	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270D	ND		750	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		370	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		370	ug/kg	1
Naphthalene	91-20-3	8270D	ND		370	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		370	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		370	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		370	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		370	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		370	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		930	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		930	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		370	ug/kg	1
Phenol	108-95-2	8270D	ND		370	ug/kg	1
Pyrene	129-00-0	8270D	ND		370	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		370	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		370	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		52	30-117
2-Fluorobiphenyl		65	33-102
2-Fluorophenol		64	28-104
Nitrobenzene-d5		63	22-109
Phenol-d5		52	27-103
Terphenyl-d14		66	41-120

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

ICP-AES

Client: ERM-Southeast, Inc
Description: GP-13 8-10'
Date Sampled: 04/08/2009 1640
Date Received: 04/09/2009

Laboratory ID: KD09058-031
Matrix: Solid
% Solids: 87.8 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 2156	CDF	04/09/2009 2345	98538

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.57	mg/kg	1
Arsenic	7440-38-2	6010C	ND		0.57	mg/kg	1
Beryllium	7440-41-7	6010C	0.49		0.23	mg/kg	1
Cadmium	7440-43-9	6010C	0.11		0.11	mg/kg	1
Chromium	7440-47-3	6010C	1.0		0.28	mg/kg	1
Copper	7440-50-8	6010C	1.2		0.28	mg/kg	1
Lead	7439-92-1	6010C	3.7		0.57	mg/kg	1
Nickel	7440-02-0	6010C	ND		2.3	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.57	mg/kg	1
Silver	7440-22-4	6010C	ND		0.28	mg/kg	1
Thallium	7440-28-0	6010C	ND		2.8	mg/kg	1
Zinc	7440-66-6	6010C	21		2.8	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

CVAA

Client: ERM-Southeast, Inc
Description: GP-13 8-10'
Date Sampled: 04/08/2009 1640
Date Received: 04/09/2009

Laboratory ID: KD09058-031
Matrix: Solid
% Solids: 87.8 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1843	BNW	04/10/2009 1613	98542

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.094	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-032
Description: GP-13 24-26'
Matrix: Solid
Date Sampled: 04/08/2009 1640
% Solids: 86.0 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0518	DLB		98785	5.29

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		22	ug/kg	1
Benzene	71-43-2	8260B	ND		5.5	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.5	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.5	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.5	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.5	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.5	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.5	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.5	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.5	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.5	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.5	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.5	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.5	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.5	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.5	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.5	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.5	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.5	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.5	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.5	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.5	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.5	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.5	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.5	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.5	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.5	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.5	ug/kg	1
Styrene	100-42-5	8260B	ND		5.5	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.5	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.5	ug/kg	1
Toluene	108-88-3	8260B	ND		5.5	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.5	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.5	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.5	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.5	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-032
Description: GP-13 24-26'
Matrix: Solid
Date Sampled: 04/08/2009 1640
% Solids: 86.0 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0518	DLB		98785	5.29

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.5	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.5	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.5	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		66	53-142
Bromofluorobenzene		116	47-138
Toluene-d8		85	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-032
Description: GP-13 24-26'
Matrix: Solid
Date Sampled: 04/08/2009 1640
% Solids: 86.0 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/15/2009 1429	DC	04/13/2009 1842	98666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		380	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		380	ug/kg	1
Acetophenone	98-86-2	8270D	ND		380	ug/kg	1
Anthracene	120-12-7	8270D	ND		380	ug/kg	1
Atrazine	1912-24-9	8270D	ND		380	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		960	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		380	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		380	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		380	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		380	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		380	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		380	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		380	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		380	ug/kg	1
Caprolactam	105-60-2	8270D	ND		960	ug/kg	1
Carbazole	86-74-8	8270D	ND		380	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		380	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		380	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		380	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		380	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		380	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		380	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		380	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		380	ug/kg	1
Chrysene	218-01-9	8270D	ND		380	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		380	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		380	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		380	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		380	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		960	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		380	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		380	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		380	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		380	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		960	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		960	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		380	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		380	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		380	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		380	ug/kg	1
Fluorene	86-73-7	8270D	ND		380	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		380	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		380	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		960	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Description: GP-13 24-26'
Date Sampled: 04/08/2009 1640
Date Received: 04/09/2009

Laboratory ID: KD09058-032
Matrix: Solid
% Solids: 86.0 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/15/2009 1429	DC	04/13/2009 1842	98666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		380	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		380	ug/kg	1
Isophorone	78-59-1	8270D	ND		380	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		380	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		380	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270D	ND		770	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		380	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		380	ug/kg	1
Naphthalene	91-20-3	8270D	ND		380	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		380	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		380	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		380	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		380	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		380	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		960	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		960	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		380	ug/kg	1
Phenol	108-95-2	8270D	ND		380	ug/kg	1
Pyrene	129-00-0	8270D	ND		380	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		380	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		380	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		47	30-117
2-Fluorobiphenyl		61	33-102
2-Fluorophenol		57	28-104
Nitrobenzene-d5		60	22-109
Phenol-d5		46	27-103
Terphenyl-d14		62	41-120

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

ICP-AES

Client: ERM-Southeast, Inc
Description: GP-13 24-26'
Date Sampled: 04/08/2009 1640
Date Received: 04/09/2009

Laboratory ID: KD09058-032
Matrix: Solid
% Solids: 86.0 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 2203	CDF	04/09/2009 2345	98538
2	3050B	6010C	1	04/16/2009 1623	CDF	04/09/2009 2345	98538

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.58	mg/kg	1
Arsenic	7440-38-2	6010C	0.67		0.58	mg/kg	2
Beryllium	7440-41-7	6010C	0.75		0.23	mg/kg	1
Cadmium	7440-43-9	6010C	0.17		0.12	mg/kg	1
Chromium	7440-47-3	6010C	2.6		0.29	mg/kg	1
Copper	7440-50-8	6010C	1.2		0.29	mg/kg	1
Lead	7439-92-1	6010C	1.2		0.58	mg/kg	1
Nickel	7440-02-0	6010C	ND		2.3	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.58	mg/kg	1
Silver	7440-22-4	6010C	ND		0.29	mg/kg	1
Thallium	7440-28-0	6010C	ND		2.9	mg/kg	1
Zinc	7440-66-6	6010C	18		2.9	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

CVAA

Client: ERM-Southeast, Inc
Description: GP-13 24-26'
Date Sampled: 04/08/2009 1640
Date Received: 04/09/2009

Laboratory ID: KD09058-032
Matrix: Solid
% Solids: 86.0 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1844	BNW	04/10/2009 1613	98542

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.096	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-033
Description: GP-13 36-38'
Matrix: Solid
Date Sampled: 04/08/2009 1640
% Solids: 91.7 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0541	DLB		98785	4.96

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		22	ug/kg	1
Benzene	71-43-2	8260B	ND		5.5	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.5	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.5	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.5	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.5	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.5	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.5	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.5	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.5	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.5	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.5	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.5	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.5	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.5	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.5	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.5	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.5	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.5	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.5	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.5	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.5	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.5	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.5	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.5	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.5	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.5	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.5	ug/kg	1
Styrene	100-42-5	8260B	ND		5.5	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.5	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.5	ug/kg	1
Toluene	108-88-3	8260B	ND		5.5	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.5	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.5	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.5	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.5	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-033
Description: GP-13 36-38'
Matrix: Solid
Date Sampled: 04/08/2009 1640
% Solids: 91.7 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	04/15/2009 0541	DLB		98785	4.96

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.5	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.5	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.5	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		65	53-142
Bromofluorobenzene		116	47-138
Toluene-d8		84	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-033
Description: GP-13 36-38'
Matrix: Solid
Date Sampled: 04/08/2009 1640
% Solids: 91.7 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/15/2009 1448	DC	04/13/2009 1842	98666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		360	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		360	ug/kg	1
Acetophenone	98-86-2	8270D	ND		360	ug/kg	1
Anthracene	120-12-7	8270D	ND		360	ug/kg	1
Atrazine	1912-24-9	8270D	ND		360	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		890	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		360	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		360	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		360	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		360	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		360	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		360	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		360	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		360	ug/kg	1
Caprolactam	105-60-2	8270D	ND		890	ug/kg	1
Carbazole	86-74-8	8270D	ND		360	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		360	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		360	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		360	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		360	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270D	ND		360	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		360	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		360	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		360	ug/kg	1
Chrysene	218-01-9	8270D	ND		360	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		360	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		360	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		360	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		360	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		890	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		360	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		360	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		360	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		360	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		890	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		890	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		360	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		360	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		360	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		360	ug/kg	1
Fluorene	86-73-7	8270D	ND		360	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		360	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		360	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		890	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

Semivolatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-033
Description: GP-13 36-38'
Matrix: Solid
Date Sampled: 04/08/2009 1640
% Solids: 91.7 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	04/15/2009 1448	DC	04/13/2009 1842	98666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		360	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		360	ug/kg	1
Isophorone	78-59-1	8270D	ND		360	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		360	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		360	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270D	ND		720	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		360	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		360	ug/kg	1
Naphthalene	91-20-3	8270D	ND		360	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		360	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		360	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		360	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		360	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		360	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		890	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		890	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		360	ug/kg	1
Phenol	108-95-2	8270D	ND		360	ug/kg	1
Pyrene	129-00-0	8270D	ND		360	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		360	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		360	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		43	30-117
2-Fluorobiphenyl		58	33-102
2-Fluorophenol		58	28-104
Nitrobenzene-d5		56	22-109
Phenol-d5		46	27-103
Terphenyl-d14		64	41-120

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

ICP-AES

Client: ERM-Southeast, Inc
Description: GP-13 36-38'
Date Sampled: 04/08/2009 1640
Date Received: 04/09/2009

Laboratory ID: KD09058-033
Matrix: Solid
% Solids: 91.7 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 2209	CDF	04/09/2009 2345	98538

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.54	mg/kg	1
Arsenic	7440-38-2	6010C	ND		0.54	mg/kg	1
Beryllium	7440-41-7	6010C	0.78		0.22	mg/kg	1
Cadmium	7440-43-9	6010C	0.22		0.11	mg/kg	1
Chromium	7440-47-3	6010C	0.45		0.27	mg/kg	1
Copper	7440-50-8	6010C	ND		0.27	mg/kg	1
Lead	7439-92-1	6010C	1.2		0.54	mg/kg	1
Nickel	7440-02-0	6010C	ND		2.2	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.54	mg/kg	1
Silver	7440-22-4	6010C	ND		0.27	mg/kg	1
Thallium	7440-28-0	6010C	ND		2.7	mg/kg	1
Zinc	7440-66-6	6010C	11		2.7	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-033
Description: GP-13 36-38'
Matrix: Solid
Date Sampled: 04/08/2009 1640
% Solids: 91.7 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1846	BNW	04/10/2009 1613	98542

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.090	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

ICP-AES

Client: ERM-Southeast, Inc
Description: BG-1 0-4'
Date Sampled: 04/08/2009 1640
Date Received: 04/09/2009

Laboratory ID: KD09058-034
Matrix: Solid
% Solids: 81.0 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 2216	CDF	04/09/2009 2345	98538
2	3050B	6010C	2	04/15/2009 2247	KJC	04/09/2009 2345	98538

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		1.2	mg/kg	2
Arsenic	7440-38-2	6010C	4.5		1.2	mg/kg	2
Beryllium	7440-41-7	6010C	0.44		0.25	mg/kg	1
Cadmium	7440-43-9	6010C	ND		0.25	mg/kg	2
Chromium	7440-47-3	6010C	13		0.62	mg/kg	2
Copper	7440-50-8	6010C	8.1		0.62	mg/kg	2
Lead	7439-92-1	6010C	13		1.2	mg/kg	2
Nickel	7440-02-0	6010C	4.4		2.5	mg/kg	1
Selenium	7782-49-2	6010C	ND		1.2	mg/kg	2
Silver	7440-22-4	6010C	1.2		0.62	mg/kg	2
Thallium	7440-28-0	6010C	ND		6.2	mg/kg	2
Zinc	7440-66-6	6010C	18		6.2	mg/kg	2

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-034
Description: BG-1 0-4'
Matrix: Solid
Date Sampled: 04/08/2009 1640
% Solids: 81.0 04/10/2009 0016
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1847	BNW	04/10/2009 1613	98542

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.10	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

ICP-AES

Client: ERM-Southeast, Inc
Description: BG-2 0-4'
Date Sampled: 04/08/2009 1640
Date Received: 04/09/2009

Laboratory ID: KD09058-035
Matrix: Solid
% Solids: 80.5 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	04/14/2009 2229	CDF	04/09/2009 2345	98538

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Antimony	7440-36-0	6010C	ND		0.62	mg/kg	1
Arsenic	7440-38-2	6010C	0.84		0.62	mg/kg	1
Beryllium	7440-41-7	6010C	0.54		0.25	mg/kg	1
Cadmium	7440-43-9	6010C	0.19		0.12	mg/kg	1
Chromium	7440-47-3	6010C	0.80		0.31	mg/kg	1
Copper	7440-50-8	6010C	7.5		0.31	mg/kg	1
Lead	7439-92-1	6010C	3.9		0.62	mg/kg	1
Nickel	7440-02-0	6010C	2.6		2.5	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.62	mg/kg	1
Silver	7440-22-4	6010C	0.39		0.31	mg/kg	1
Thallium	7440-28-0	6010C	ND		3.1	mg/kg	1
Zinc	7440-66-6	6010C	29		3.1	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

CVAA

Client: ERM-Southeast, Inc
Description: BG-2 0-4'
Date Sampled: 04/08/2009 1640
Date Received: 04/09/2009

Laboratory ID: KD09058-035
Matrix: Solid
% Solids: 80.5 04/10/2009 0016

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7471B	1	04/10/2009 1855	BNW	04/10/2009 1613	98542

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Mercury	7439-97-6	7471B	ND		0.10	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL

E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-036
Description: Trip Blank
Matrix: Aqueous
Date Sampled: 04/09/2009 1705
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/13/2009 2128	DLB		98711

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		20	ug/L	1
Benzene	71-43-2	8260B	ND		5.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		5.0	ug/L	1
Bromoform	75-25-2	8260B	ND		5.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		5.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		5.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		5.0	ug/L	1
Chloroethane	75-00-3	8260B	ND		5.0	ug/L	1
Chloroform	67-66-3	8260B	ND		5.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	ug/L	1
Cyclohexane	110-82-7	8260B	ND		5.0	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		5.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		5.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		5.0	ug/L	1
Methyl acetate	79-20-9	8260B	ND		5.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/L	1
Methylene chloride	75-09-2	8260B	ND		5.0	ug/L	1
Styrene	100-42-5	8260B	ND		5.0	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		5.0	ug/L	1
Toluene	108-88-3	8260B	ND		5.0	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.0	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.0	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	ug/L	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KD09058-036
Description: Trip Blank
Matrix: Aqueous
Date Sampled: 04/09/2009 1705
Date Received: 04/09/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/13/2009 2128	DLB		98711

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.0	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		2.0	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		5.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		87	70-130
Bromofluorobenzene		92	70-130
Toluene-d8		96	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

SHEALY ENVIRONMENTAL SERVICES, INC.

SHEALY **Chain of Custody Record**

106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 92268

Client: ERM NC, PC	Report to Contact: Michael Pressley	Telephone No. / Fax No. / E-mail: michael.pressley@erm.com	Quote No.: 12311
Address: 8000 CORPORATE CENTER #200	Sampler's Signature: X Michael Pressley	Waybill No.	Page: 1 of 4
City: CHARLOTTE / State: NC / Zip Code: 28226	Printed Name	Analysis (Attach list if more space is needed.)	
Project Name: JOSLYN CLARK			
Project No.: 0099202	P.O. No.		Lot No.: KD09058

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	Grab (G) / Composite (C)	Matrix: Aqueous	Solid	Non-Aqueous	No. of Containers by Preservative Type: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	SAPS kit	8260	8270	PP Metals	Remarks / Cooler I.D.
GP-1 0-4'	4-7-09	9:45	G		X		2					1	X	X	X	
GP-1 16-20'		10:00					2					1	X	X	X	
GP-1 35-39'		10:30					2					1	X	X	X	
GP-2 0-4'		11:35					2					1	X	X	X	
GP-2 16-20'		11:45					2					1	X	X	X	
GP-2 32-35'		12:10					2					1	X	X	X	
GP-3 4-8'		13:55					2					1	X	X	X	
GP-3 12-16'		14:05					2					1	X	X	X	
GP-3 36-40'		15:05					2					1	X	X	X	
GP-4 8-10'	4-8-09	13:40					2					1	X	X	X	

Possible Hazard Identification: X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

Sample Disposal: ☐ Return to Client X Disposal by Lab

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Turn Around Time Required (Prior lab approval required for expedited TAT): X Standard ☐ Rush (Specify) 7 Day T.A.T.

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished by: Michael Pressley	4-9-09	09:45	1. Received by: Doug Miller	4-9-09	09:45
2. Relinquished by: Doug Miller	4-9-09	1536	2. Received by: Mike Chapman	4.9.09	1536
3. Relinquished by: Mike Chapman	4.9.09	1705	3. Laboratory received by:	4.9.09	1708

Comments

LAB USE ONLY
Received on ice (Circle) Yes No Ice Pack

Receipt Temp 4.6 °C 4.9

DISTRIBUTION: WHITE & YELLOW Return to laboratory with Sample(s); PINK Field/Client Copy

SHEALY Chain of Custody Record

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 92269

Client: ERM NC, PC
Address: 8000 CORPORATE CENTER #200
City: CHARLOTTE State: NC Zip Code: 28226
Project Name: JOSLYN CLARK
Project No.: 0099202
P.O. No.:
Report to Contact: MICHAEL PRESSLEY
Sampler's Signature: x
Printed Name:
Telephone No. / Fax No. / E-mail: michael.pressley@erm.com
Waybill No.:
Quote No.: 12311
Page 2 of 4
Analysis (Attach list if more space is needed.)
Lot No.: KD09058

Sample ID / Description (Containers for each sample may be combined on one line.)		Date	Time	G=Grab C=Composite	Matrix: Aqueous	Matrix: Solid	Matrix: Non-Aqueous	Unpres.	H2SO4	HNO3	HCl	NaOH	5035 Kit	8260	8270	PP Metals	Remarks / Cooler I.D.
GP-4	24-26'	4-8	13:45	G		X		2					1	X	X	X	
GP-4	38-40'	↓	13:50	↓		↓		2					1	X	X	X	
GP-5	0-4'	4-7	16:50					1					1	X			
GP-5	24-28'		17:20					1					1	X			
GP-5	36-40'	↓	17:38					1					1	X			
GP-6	4-5'	4-8	9:20					1					1	X			
GP-6	14-15'		9:35					1					1	X			
GP-6	36-38'		9:45					1					1	X			
GP-7	6-8'		10:00					2					1	X	X	X	
GP-8	6-8'	↓	10:30	↓		↓		2					1	X	X	X	

Possible Hazard Identification: [X] Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Turn Around Time Required (Prior lab approval required for expedited TAT.): [X] Standard ☐ Rush (Specify) 7 Day T.A.T.

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished by	4-9-09	09:45	1. Received by	4-9-09	09:45
2. Relinquished by	4-9-09	1530	2. Received by	4.9.09	1530
3. Relinquished by	4.9.09	1705	3. Laboratory received by	4-9-09	1705

Comments:

LAB USE ONLY
Received on Ice (Circle) Yes No Ice Pack
Receipt Temp. 4.6 °C 4.9

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-012 Effective Date: 08-04-02

SHEALY **Chain of Custody Record**

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 92266

Client: ERM NC, PC	Report to Contact: MICHAEL PRESSLEY	Telephone No. / Fax No. / E-mail: michael.pressley@erm.com	Quote No. 12311
Address: 8000 CORPORATE CENTER #200	Sampler's Signature: X Michael Pressley [signature]	Waybill No.	Page 3 of 4
City: CHARLOTTE State: NC Zip Code: 28226	Printed Name	Analysis (Attach list if more space is needed.)	
Project Name: JOSLYN CLARK			
Project No. 0699202	P.O. No.		Lot No. KD 09058

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	G=Grab C=Composite	Aqueous	Solid	Non-Aqueous	Unpres.	H2SO4	HNO3	HCl	NaOH	5035 Kit	8260	8270	TP Metals	Remarks / Cooler I.D.
GP-9 10-12'	4-8-09	12:30	G		X		2					1	X	X	X	
GP-9 26-28'		12:40					2					1	X	X	X	
GP-9 38-40'		12:50					2					1	X	X	X	
GP-10 6-8'		13:20					2					1	X	X	X	
GP-11 4-6'		15:20					2					1	X	X	X	
GP-11 18-20'		15:25					2					1	X	X	X	
GP-11 38-40'		15:30					2					1	X	X	X	
GP-12 8-10'		16:30					2					1	X	X	X	
GP-12 24-26'		16:35					2					1	X	X	X	
GP-12 35-37'		16:40					2					1	X	X	X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

Sample Disposal
☐ Return to Client ☐ Disposal by Lab

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Turn Around Time Required (Prior lab approval required for expedited TAT.) 7 Day T.A.T.
☒ Standard ☐ Rush (Specify)

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished by [signature]	4-9-09	09:45	1. Received by [signature]	4-9-09	09:45
2. Relinquished by [signature]	4-9-09	1530	2. Received by [signature]	4-9-09	1530
3. Relinquished by [signature]	4-9-09	1705	3. Laboratory received by [signature]	4-9-09	1708

Comments

LAB USE ONLY
Received on Ice (Circle) (Yes) No Ice Pack
Receipt Temp. 4.6 °C 4-9

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-012 Effective Date: 08-04-02

SHEALY Chain of Custody Record

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 87451

Client: ERM NC, PC	Report to Contact: MICHAEL PRESSLEY	Telephone No. / Fax No. / E-mail: michael.pressley@erm.com	Quote No.: 12311
Address: 8000 CORPORATE CENTER	Sampler's Signature: X Michael Pressley	Waybill No.	Page 4 of 4
City: CHARLOTTE / State: NC / Zip Code: 28226	Printed Name	Analysis (Attach list if more space is needed.)	
Project Name: JOSLYN CLARK			
Project No.: 00 99202	P.O. No.		Lot No.: KD09058

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	G=Grab C=Composite	Matrix: Aqueous	Matrix: Solid	Matrix: Non-Aqueous	No. of Containers by Preservative Type: Unpres.	H2SO4	HNO3	HCl	NaOH	SODIUM HYDROXIDE	8260	8270	PP Metals	Remarks / Cooler I.D.
GP-13 8-10'	4-8-09	17:25	G		X		2					1	X	X	X	
GP-13 24-26'	"	17:30	"		"		2					1	X	X	X	
GP-13 36-38'	"	17:35	"		"		2					1	X	X	X	
BG-1 0-4'	4-7-09	18:20	"		"		1						[redacted]		X	
BG-2 0-4'	4-7-09	18:05	"		"		1						[redacted]		X	
TRIP BLANK	—		"	X									X			

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison [ ] Unknown

Sample Disposal: [ ] Return to Client [ ] Disposal by Lab

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Turn Around Time Required (Prior lab approval required for expedited TAT.): [X] Standard [ ] Rush (Specify) 7 Day T.A.T.

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished by: Michael Pressley	4-9-09	09:45	1. Received by: Patty Miller	4-9-09	09:45
2. Relinquished by: Patty Miller	4-9-09	1430	2. Received by: Mike Chapman	4.9.09	1430
3. Relinquished by: Mike Chapman	4.9.09	1705	3. Laboratory received by:	4-9-09	1708

Comments:

LAB USE ONLY
Received on ice (Circle) Yes No Ice Pack

Receipt Temp. 4.6 °C 4.9

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Shealy Environmental Services, Inc.
Document Number: F-AD-016
Revision Number: 6

Replaces Date: 09/22/06
Effective Date: 05/29/07

Sample Receipt Checklist (SRC)

Client: ERM Cooler Inspected by/date: EC 4/9/09 Lot #: KD09058

Means of receipt: ☑ SESI ☐ Client ☐ UPS ☐ FedEx ☐ Airborne Exp ☐ Other			
Yes ☐	No ☑	NA ☐	1. Were custody seals present on the cooler?
Yes ☐	No ☐	NA ☑	2. If custody seals were present, were they intact and unbroken?
Cooler ID/temperature upon receipt 4.6 °C 4.9 °C / °C / °C / °C / °C / °C / °C / °C			
Method: ☑ Temperature Blank ☐ Against Bottles Method of coolant: ☑ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None			
If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.			
Yes ☐	No ☐	NA ☑	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other:_____. (For coolers received via commercial courier, PMs are to be notified immediately.
Yes ☐	No ☐	NA ☑	4. Is the commercial courier's packing slip attached to this form?
Yes ☑	No ☐	NA ☐	5. Were proper custody procedures (relinquished/received) followed?
Yes ☑	No ☐	NA ☐	6. Were sample IDs listed?
Yes ☑	No ☐	NA ☐	7. Was collection date & time listed?
Yes ☑	No ☐	NA ☐	8. Were tests to be performed listed on the COC or was quote # provided?
Yes ☑	No ☐	NA ☐	9. Did all samples arrive in the proper containers for each test?
Yes ☑	No ☐	NA ☐	10. Did all container label information (ID, date, time) agree with COC?
Yes ☑	No ☐	NA ☐	11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes ☑	No ☐	NA ☐	12. Was adequate sample volume available?
Yes ☐	No ☑	NA ☐	13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☑	NA ☐	14. Were any samples containers missing?
Yes ☐	No ☑	NA ☐	15. Were there any excess samples not listed on COC?
Yes ☐	No ☑	NA ☐	16. Were bubbles present >"pea-size" (¼"or 6mm in diameter) in any VOA vials?
Yes ☐	No ☐	NA ☑	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☐	No ☐	NA ☑	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐	No ☐	NA ☑	19. Were all applicable NH3/TKN/cyanide/phenol/BNA/pest/PCB/herb (<0.2mg/L) and toxicity (<0.1mg/L) samples free of residual chlorine?
Yes ☐	No ☐	NA ☑	20. Were collection temperatures documented on the COC for NC samples?

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s)_____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H_2SO_4,HNO_3,HCl,NaOH) with the SR # (number)

Sample(s)_____ were received with bubbles >6 mm in diameter.

Sample(s)_____ were received with TRC >0.2 mg/L for NH3/TKN/cyanide/BNA/pest/PCB/herb.

Toxicity sample(s)_____ were received with TRC >0.1 mg/L and were analyzed by method 330.5.

Corrective Action taken, if necessary:

Was client notified: Yes ☐ No ☐ Did client respond: Yes ☐ No ☐

SESI employee:_____ Date of response:_____

Comments:_____

Appendix F

Groundwater Sampling Laboratory Report

Report of Analysis

ERM-Southeast, Inc
8000 Corporate Center Drive
Suite 200
Charlotte, NC 28226
Attention: Michael Pressley

Project Name: Joselyn Clark GW

Project Number: 103643

Lot Number: KJ02050

Date Completed: 10/08/2009

Nisreen Saikaly
Project Manager

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

KJ02050

Case Narrative
ERM-Southeast, Inc
Lot Number: KJ02050

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

Pesticides

The sample results associated with a P qualifier have a relative percent difference (RPD) between the two dissimilar phase GC columns which exceeds 40%. In accordance with Section 7.10.4 of SW-846 method 8000B, the higher of the two results is reported. Due to disparity of the two results, it is likely that the reported results are biased high, or maybe a false positive.

Sample Summary
ERM-Southeast, Inc
Lot Number: KJ02050

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	MW-1	Aqueous	09/30/2009 1440	10/02/2009
002	MW-2	Aqueous	09/30/2009 1140	10/02/2009
003	MW-3	Aqueous	09/30/2009 1050	10/02/2009
004	MW-4	Aqueous	09/30/2009 1520	10/02/2009
005	MW-5	Aqueous	10/01/2009 1345	10/02/2009
006	MW-6	Aqueous	10/01/2009 1035	10/02/2009
007	MW-7	Aqueous	10/01/2009 1200	10/02/2009
008	Trip Blank	Aqueous	10/02/2009 1600	10/02/2009
009	EQ-1	Aqueous	10/01/2009 1205	10/02/2009
010	Dup-1	Aqueous	10/01/2009	10/02/2009

(10 samples)

Executive Summary
ERM-Southeast, Inc
Lot Number: KJ02050

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	MW-1	Aqueous	Trichloroethene	8260B	0.76	J	ug/L	8
001	MW-1	Aqueous	Aluminum	6020A	230		ug/L	11
001	MW-1	Aqueous	Antimony	6020A	2.0		ug/L	11
001	MW-1	Aqueous	Barium	6020A	35		ug/L	11
001	MW-1	Aqueous	Beryllium	6020A	0.031	BJ	ug/L	11
001	MW-1	Aqueous	Calcium	6020A	2300		ug/L	11
001	MW-1	Aqueous	Chromium	6020A	3.8	J	ug/L	11
001	MW-1	Aqueous	Cobalt	6020A	1.2	J	ug/L	11
001	MW-1	Aqueous	Copper	6020A	0.74	J	ug/L	11
001	MW-1	Aqueous	Iron	6020A	290		ug/L	11
001	MW-1	Aqueous	Lead	6020A	0.40	BJ	ug/L	11
001	MW-1	Aqueous	Magnesium	6020A	960		ug/L	11
001	MW-1	Aqueous	Manganese	6020A	54		ug/L	11
001	MW-1	Aqueous	Nickel	6020A	8.0		ug/L	11
001	MW-1	Aqueous	Potassium	6020A	2100		ug/L	11
001	MW-1	Aqueous	Sodium	6020A	2000		ug/L	11
001	MW-1	Aqueous	Zinc	6020A	4.4	J	ug/L	11
001	MW-1	Aqueous	Mercury	7470A	0.00010	B	mg/L	12
002	MW-2	Aqueous	Chloroform	8260B	0.50	J	ug/L	13
002	MW-2	Aqueous	Tetrachloroethene	8260B	0.22	J	ug/L	13
002	MW-2	Aqueous	Toluene	8260B	0.34	J	ug/L	13
002	MW-2	Aqueous	Trichloroethene	8260B	38		ug/L	13
002	MW-2	Aqueous	Aluminum	6020A	660		ug/L	16
002	MW-2	Aqueous	Antimony	6020A	0.54	J	ug/L	16
002	MW-2	Aqueous	Barium	6020A	25		ug/L	16
002	MW-2	Aqueous	Beryllium	6020A	0.029	BJ	ug/L	16
002	MW-2	Aqueous	Calcium	6020A	1800		ug/L	16
002	MW-2	Aqueous	Chromium	6020A	8.0		ug/L	16
002	MW-2	Aqueous	Cobalt	6020A	1.1	J	ug/L	16
002	MW-2	Aqueous	Copper	6020A	1.7		ug/L	16
002	MW-2	Aqueous	Iron	6020A	690		ug/L	16
002	MW-2	Aqueous	Lead	6020A	0.46	BJ	ug/L	16
002	MW-2	Aqueous	Magnesium	6020A	660		ug/L	16
002	MW-2	Aqueous	Manganese	6020A	77		ug/L	16
002	MW-2	Aqueous	Nickel	6020A	8.3		ug/L	16
002	MW-2	Aqueous	Potassium	6020A	1900		ug/L	16
002	MW-2	Aqueous	Sodium	6020A	8800		ug/L	16
002	MW-2	Aqueous	Vanadium	6020A	1.7	J	ug/L	16
002	MW-2	Aqueous	Zinc	6020A	6.7	J	ug/L	16
002	MW-2	Aqueous	Mercury	7470A	0.00011	B	mg/L	17
003	MW-3	Aqueous	1,1-Dichloroethane	8260B	23		ug/L	18
003	MW-3	Aqueous	1,1-Dichloroethene	8260B	18		ug/L	18
003	MW-3	Aqueous	Tetrachloroethene	8260B	39		ug/L	18
003	MW-3	Aqueous	1,1,2-Trichloroethane	8260B	4.6	J	ug/L	18
003	MW-3	Aqueous	Trichloroethene	8260B	2700		ug/L	18

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
003	MW-3	Aqueous	1,2-Dibromo-3-chloropropane	8011	0.011	JP	ug/L	20
003	MW-3	Aqueous	Aluminum	6020A	930		ug/L	21
003	MW-3	Aqueous	Antimony	6020A	0.28	J	ug/L	21
003	MW-3	Aqueous	Arsenic	6020A	0.39	J	ug/L	21
003	MW-3	Aqueous	Barium	6020A	23		ug/L	21
003	MW-3	Aqueous	Beryllium	6020A	0.040	BJ	ug/L	21
003	MW-3	Aqueous	Calcium	6020A	3200		ug/L	21
003	MW-3	Aqueous	Chromium	6020A	8.3		ug/L	21
003	MW-3	Aqueous	Cobalt	6020A	0.88	J	ug/L	21
003	MW-3	Aqueous	Copper	6020A	1.5		ug/L	21
003	MW-3	Aqueous	Iron	6020A	1100		ug/L	21
003	MW-3	Aqueous	Lead	6020A	0.52	BJ	ug/L	21
003	MW-3	Aqueous	Magnesium	6020A	830		ug/L	21
003	MW-3	Aqueous	Manganese	6020A	120		ug/L	21
003	MW-3	Aqueous	Nickel	6020A	7.5		ug/L	21
003	MW-3	Aqueous	Potassium	6020A	1900		ug/L	21
003	MW-3	Aqueous	Sodium	6020A	11000		ug/L	21
003	MW-3	Aqueous	Vanadium	6020A	3.2	J	ug/L	21
003	MW-3	Aqueous	Zinc	6020A	8.4	J	ug/L	21
003	MW-3	Aqueous	Mercury	7470A	0.000064	BJ	mg/L	22
004	MW-4	Aqueous	Trichloroethene	8260B	0.62	J	ug/L	23
004	MW-4	Aqueous	Aluminum	6020A	880		ug/L	26
004	MW-4	Aqueous	Barium	6020A	35		ug/L	26
004	MW-4	Aqueous	Beryllium	6020A	0.054	BJ	ug/L	26
004	MW-4	Aqueous	Calcium	6020A	1800		ug/L	26
004	MW-4	Aqueous	Chromium	6020A	2.1	J	ug/L	26
004	MW-4	Aqueous	Cobalt	6020A	1.3	J	ug/L	26
004	MW-4	Aqueous	Copper	6020A	0.69	J	ug/L	26
004	MW-4	Aqueous	Iron	6020A	630		ug/L	26
004	MW-4	Aqueous	Lead	6020A	0.54	BJ	ug/L	26
004	MW-4	Aqueous	Magnesium	6020A	650		ug/L	26
004	MW-4	Aqueous	Manganese	6020A	89		ug/L	26
004	MW-4	Aqueous	Nickel	6020A	4.2	J	ug/L	26
004	MW-4	Aqueous	Potassium	6020A	2100		ug/L	26
004	MW-4	Aqueous	Sodium	6020A	4800		ug/L	26
004	MW-4	Aqueous	Vanadium	6020A	2.1	J	ug/L	26
004	MW-4	Aqueous	Zinc	6020A	12		ug/L	26
004	MW-4	Aqueous	Mercury	7470A	0.000078	BJ	mg/L	27
005	MW-5	Aqueous	Aluminum	6020A	560		ug/L	31
005	MW-5	Aqueous	Barium	6020A	170		ug/L	31
005	MW-5	Aqueous	Beryllium	6020A	0.26	BJ	ug/L	31
005	MW-5	Aqueous	Cadmium	6020A	0.11		ug/L	31
005	MW-5	Aqueous	Calcium	6020A	8500		ug/L	31
005	MW-5	Aqueous	Cobalt	6020A	1.2	J	ug/L	31
005	MW-5	Aqueous	Copper	6020A	1.0		ug/L	31
005	MW-5	Aqueous	Iron	6020A	540		ug/L	31
005	MW-5	Aqueous	Lead	6020A	0.24	BJ	ug/L	31
005	MW-5	Aqueous	Magnesium	6020A	2200		ug/L	31

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
005	MW-5	Aqueous	Manganese	6020A	140		ug/L	31
005	MW-5	Aqueous	Nickel	6020A	3.3	J	ug/L	31
005	MW-5	Aqueous	Potassium	6020A	2200		ug/L	31
005	MW-5	Aqueous	Selenium	6020A	0.32	J	ug/L	31
005	MW-5	Aqueous	Silver	6020A	0.029	J	ug/L	31
005	MW-5	Aqueous	Sodium	6020A	7400		ug/L	31
005	MW-5	Aqueous	Vanadium	6020A	1.5	J	ug/L	31
005	MW-5	Aqueous	Zinc	6020A	19		ug/L	31
006	MW-6	Aqueous	Chloromethane (Methyl chloride)	8260B	0.52	J	ug/L	33
006	MW-6	Aqueous	Trichloroethene	8260B	7.7		ug/L	33
006	MW-6	Aqueous	Aluminum	6020A	650		ug/L	36
006	MW-6	Aqueous	Antimony	6020A	1.3		ug/L	36
006	MW-6	Aqueous	Barium	6020A	61		ug/L	36
006	MW-6	Aqueous	Beryllium	6020A	0.050	BJ	ug/L	36
006	MW-6	Aqueous	Calcium	6020A	6400		ug/L	36
006	MW-6	Aqueous	Chromium	6020A	18		ug/L	36
006	MW-6	Aqueous	Cobalt	6020A	1.3	J	ug/L	36
006	MW-6	Aqueous	Copper	6020A	2.4		ug/L	36
006	MW-6	Aqueous	Iron	6020A	1000		ug/L	36
006	MW-6	Aqueous	Lead	6020A	0.33	BJ	ug/L	36
006	MW-6	Aqueous	Magnesium	6020A	2400		ug/L	36
006	MW-6	Aqueous	Manganese	6020A	68		ug/L	36
006	MW-6	Aqueous	Nickel	6020A	14		ug/L	36
006	MW-6	Aqueous	Potassium	6020A	2600		ug/L	36
006	MW-6	Aqueous	Silver	6020A	0.019	J	ug/L	36
006	MW-6	Aqueous	Sodium	6020A	5600		ug/L	36
006	MW-6	Aqueous	Vanadium	6020A	3.4	J	ug/L	36
006	MW-6	Aqueous	Zinc	6020A	12		ug/L	36
007	MW-7	Aqueous	Chloroform	8260B	0.62	J	ug/L	38
007	MW-7	Aqueous	Chloromethane (Methyl chloride)	8260B	0.37	J	ug/L	38
007	MW-7	Aqueous	1,1-Dichloroethane	8260B	0.24	J	ug/L	38
007	MW-7	Aqueous	Tetrachloroethene	8260B	6.6		ug/L	38
007	MW-7	Aqueous	Trichloroethene	8260B	220		ug/L	38
007	MW-7	Aqueous	Aluminum	6020A	6800		ug/L	41
007	MW-7	Aqueous	Antimony	6020A	0.34	J	ug/L	41
007	MW-7	Aqueous	Barium	6020A	190		ug/L	41
007	MW-7	Aqueous	Beryllium	6020A	0.79	B	ug/L	41
007	MW-7	Aqueous	Cadmium	6020A	0.067	J	ug/L	41
007	MW-7	Aqueous	Calcium	6020A	5100		ug/L	41
007	MW-7	Aqueous	Chromium	6020A	3.1	J	ug/L	41
007	MW-7	Aqueous	Cobalt	6020A	2.2	J	ug/L	41
007	MW-7	Aqueous	Copper	6020A	3.6		ug/L	41
007	MW-7	Aqueous	Iron	6020A	8700		ug/L	41
007	MW-7	Aqueous	Lead	6020A	5.9	B	ug/L	41
007	MW-7	Aqueous	Magnesium	6020A	3300		ug/L	41
007	MW-7	Aqueous	Manganese	6020A	560		ug/L	41
007	MW-7	Aqueous	Nickel	6020A	4.1	J	ug/L	41
007	MW-7	Aqueous	Potassium	6020A	4800		ug/L	41

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
007	MW-7	Aqueous	Sodium	6020A	9200		ug/L	41
007	MW-7	Aqueous	Vanadium	6020A	14		ug/L	41
007	MW-7	Aqueous	Zinc	6020A	63		ug/L	41
007	MW-7	Aqueous	Mercury	7470A	0.00017	B	mg/L	42
009	EQ-1	Aqueous	Aluminum	6020A	6.4	J	ug/L	48
009	EQ-1	Aqueous	Barium	6020A	0.22	J	ug/L	48
009	EQ-1	Aqueous	Copper	6020A	0.22	J	ug/L	48
009	EQ-1	Aqueous	Iron	6020A	6.9	J	ug/L	48
009	EQ-1	Aqueous	Manganese	6020A	0.82	J	ug/L	48
009	EQ-1	Aqueous	Sodium	6020A	28	J	ug/L	48
010	Dup-1	Aqueous	Aluminum	6020A	200		ug/L	53
010	Dup-1	Aqueous	Arsenic	6020A	0.26	J	ug/L	53
010	Dup-1	Aqueous	Barium	6020A	170		ug/L	53
010	Dup-1	Aqueous	Beryllium	6020A	0.15	BJ	ug/L	53
010	Dup-1	Aqueous	Calcium	6020A	8300		ug/L	53
010	Dup-1	Aqueous	Cobalt	6020A	1.0	J	ug/L	53
010	Dup-1	Aqueous	Copper	6020A	0.51	J	ug/L	53
010	Dup-1	Aqueous	Iron	6020A	330		ug/L	53
010	Dup-1	Aqueous	Lead	6020A	0.12	BJ	ug/L	53
010	Dup-1	Aqueous	Magnesium	6020A	2000		ug/L	53
010	Dup-1	Aqueous	Manganese	6020A	130		ug/L	53
010	Dup-1	Aqueous	Nickel	6020A	3.2	J	ug/L	53
010	Dup-1	Aqueous	Potassium	6020A	2100		ug/L	53
010	Dup-1	Aqueous	Sodium	6020A	7300		ug/L	53
010	Dup-1	Aqueous	Zinc	6020A	14		ug/L	53
010	Dup-1	Aqueous	Mercury	7470A	0.00016	B	mg/L	54

(167 detections)

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-001
Description: MW-1
Matrix: Aqueous
Date Sampled: 09/30/2009 1440
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	10/05/2009 1618	DLB		19045

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
Cyclohexane	110-82-7	8260B	ND		1.0	0.30	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	0.20	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		1.0	0.030	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		1.0	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		1.0	0.51	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
Trichloroethene	79-01-6	8260B	0.76	J	1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-001
Description: MW-1
Matrix: Aqueous
Date Sampled: 09/30/2009 1440
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	10/05/2009 1618	DLB		19045

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		90	70-130
Bromofluorobenzene		93	70-130
Toluene-d8		96	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

EDB & DBCP by Microextraction

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-001
Description: MW-1
Matrix: Aqueous
Date Sampled: 09/30/2009 1440
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	10/06/2009 0020	JCG	10/05/2009 2020	18998

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8011	ND		0.020	0.0055	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0061	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		99	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

ICP-MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-001
Description: MW-1
Matrix: Aqueous
Date Sampled: 09/30/2009 1440
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	10/06/2009 1505	FTS	10/05/2009 1830	19009

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aluminum	7429-90-5	6020A	230		40	1.8	ug/L	1
Antimony	7440-36-0	6020A	2.0		1.0	0.097	ug/L	1
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	7440-39-3	6020A	35		5.0	0.045	ug/L	1
Beryllium	7440-41-7	6020A	0.031	BJ	0.40	0.028	ug/L	1
Cadmium	7440-43-9	6020A	ND		0.10	0.059	ug/L	1
Calcium	7440-70-2	6020A	2300		200	13	ug/L	1
Chromium	7440-47-3	6020A	3.8	J	5.0	0.35	ug/L	1
Cobalt	7440-48-4	6020A	1.2	J	5.0	0.029	ug/L	1
Copper	7440-50-8	6020A	0.74	J	1.0	0.15	ug/L	1
Iron	7439-89-6	6020A	290		20	5.7	ug/L	1
Lead	7439-92-1	6020A	0.40	BJ	1.0	0.047	ug/L	1
Magnesium	7439-95-4	6020A	960		50	0.94	ug/L	1
Manganese	7439-96-5	6020A	54		5.0	0.20	ug/L	1
Nickel	7440-02-0	6020A	8.0		5.0	0.28	ug/L	1
Potassium	7440-09-7	6020A	2100		200	6.0	ug/L	1
Selenium	7782-49-2	6020A	ND		1.0	0.25	ug/L	1
Silver	7440-22-4	6020A	ND		1.0	0.011	ug/L	1
Sodium	7440-23-5	6020A	2000		200	4.0	ug/L	1
Thallium	7440-28-0	6020A	ND		0.50	0.076	ug/L	1
Vanadium	7440-62-2	6020A	ND		5.0	1.5	ug/L	1
Zinc	7440-66-6	6020A	4.4	J	10	1.5	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-001
Description: MW-1
Matrix: Aqueous
Date Sampled: 09/30/2009 1440
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	10/03/2009 0009	BNW	10/02/2009 1700	18919

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	0.00010	B	0.00010	0.000053	mg/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-002
Description: MW-2
Matrix: Aqueous
Date Sampled: 09/30/2009 1140
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	10/05/2009 1639	DLB		19045

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	0.50	J	1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
Cyclohexane	110-82-7	8260B	ND		1.0	0.30	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	0.20	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		1.0	0.030	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	0.22	J	1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	0.34	J	1.0	0.33	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		1.0	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		1.0	0.51	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
Trichloroethene	79-01-6	8260B	38		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-002
Description: MW-2
Matrix: Aqueous
Date Sampled: 09/30/2009 1140
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	10/05/2009 1639	DLB		19045

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		90	70-130
Bromofluorobenzene		94	70-130
Toluene-d8		96	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

EDB & DBCP by Microextraction

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-002
Description: MW-2
Matrix: Aqueous
Date Sampled: 09/30/2009 1140
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	10/06/2009 0103	JCG	10/05/2009 2020	18998

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8011	ND		0.019	0.0053	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0058	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		64	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

ICP-MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-002
Description: MW-2
Matrix: Aqueous
Date Sampled: 09/30/2009 1140
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	10/06/2009 1517	FTS	10/05/2009 1830	19009
2	3005A	6020A	1	10/08/2009 0004	FTS	10/05/2009 1830	19009

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aluminum	7429-90-5	6020A	660		40	1.8	ug/L	1
Antimony	7440-36-0	6020A	0.54	J	1.0	0.097	ug/L	1
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	7440-39-3	6020A	25		5.0	0.045	ug/L	1
Beryllium	7440-41-7	6020A	0.029	BJ	0.40	0.028	ug/L	1
Cadmium	7440-43-9	6020A	ND		0.10	0.059	ug/L	1
Calcium	7440-70-2	6020A	1800		200	13	ug/L	1
Chromium	7440-47-3	6020A	8.0		5.0	0.35	ug/L	1
Cobalt	7440-48-4	6020A	1.1	J	5.0	0.029	ug/L	1
Copper	7440-50-8	6020A	1.7		1.0	0.15	ug/L	1
Iron	7439-89-6	6020A	690		20	5.7	ug/L	1
Lead	7439-92-1	6020A	0.46	BJ	1.0	0.047	ug/L	2
Magnesium	7439-95-4	6020A	660		50	0.94	ug/L	1
Manganese	7439-96-5	6020A	77		5.0	0.20	ug/L	1
Nickel	7440-02-0	6020A	8.3		5.0	0.28	ug/L	1
Potassium	7440-09-7	6020A	1900		200	6.0	ug/L	1
Selenium	7782-49-2	6020A	ND		1.0	0.25	ug/L	1
Silver	7440-22-4	6020A	ND		1.0	0.011	ug/L	1
Sodium	7440-23-5	6020A	8800		200	4.0	ug/L	1
Thallium	7440-28-0	6020A	ND		0.50	0.076	ug/L	2
Vanadium	7440-62-2	6020A	1.7	J	5.0	1.5	ug/L	1
Zinc	7440-66-6	6020A	6.7	J	10	1.5	ug/L	1

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Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-002
Description: MW-2
Matrix: Aqueous
Date Sampled: 09/30/2009 1140
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	10/03/2009 0024	BNW	10/02/2009 1700	18919

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	0.00011	B	0.00010	0.000053	mg/L	1

PQL = Practical quantitation limit
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H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-003
Description: MW-3
Matrix: Aqueous
Date Sampled: 09/30/2009 1050
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	10	10/05/2009 2113	DLB		19045

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		200	67	ug/L	1
Benzene	71-43-2	8260B	ND		10	1.3	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		10	3.3	ug/L	1
Bromoform	75-25-2	8260B	ND		10	6.6	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		20	8.1	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		100	20	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		10	0.97	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		10	1.4	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		10	3.3	ug/L	1
Chloroethane	75-00-3	8260B	ND		20	4.7	ug/L	1
Chloroform	67-66-3	8260B	ND		10	3.3	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		10	3.5	ug/L	1
Cyclohexane	110-82-7	8260B	ND		10	3.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		10	3.3	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		10	3.3	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		10	3.3	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		10	3.3	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		20	2.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		10	1.5	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	23		10	1.3	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		10	2.1	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		10	1.2	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	18		10	1.6	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		10	1.9	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		10	1.1	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		10	0.92	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		10	3.3	ug/L	1
2-Hexanone	591-78-6	8260B	ND		100	2.7	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		10	0.30	ug/L	1
Methyl acetate	79-20-9	8260B	ND		10	3.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		10	4.0	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		100	3.1	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		50	9.5	ug/L	1
Methylene chloride	75-09-2	8260B	ND		10	3.3	ug/L	1
Styrene	100-42-5	8260B	ND		10	1.2	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		10	1.6	ug/L	1
Tetrachloroethene	127-18-4	8260B	39		10	1.3	ug/L	1
Toluene	108-88-3	8260B	ND		10	3.3	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		10	3.0	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		10	5.1	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	4.6	J	10	2.1	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		10	0.74	ug/L	1
Trichloroethene	79-01-6	8260B	2700		10	1.8	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		10	3.0	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-003
Description: MW-3
Matrix: Aqueous
Date Sampled: 09/30/2009 1050
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	10	10/05/2009 2113	DLB		19045

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl chloride	75-01-4	8260B	ND		10	0.54	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		10	3.3	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		88	70-130
Bromofluorobenzene		90	70-130
Toluene-d8		94	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

EDB & DBCP by Microextraction

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-003
Description: MW-3
Matrix: Aqueous
Date Sampled: 09/30/2009 1050
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	10/06/2009 0124	JCG	10/05/2009 2020	18998

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8011	0.011	JP	0.020	0.0056	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0062	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		110	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

ICP-MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-003
Description: MW-3
Matrix: Aqueous
Date Sampled: 09/30/2009 1050
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	10/06/2009 1529	FTS	10/05/2009 1830	19009
2	3005A	6020A	1	10/08/2009 0012	FTS	10/05/2009 1830	19009

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aluminum	7429-90-5	6020A	930		40	1.8	ug/L	1
Antimony	7440-36-0	6020A	0.28	J	1.0	0.097	ug/L	1
Arsenic	7440-38-2	6020A	0.39	J	1.0	0.26	ug/L	1
Barium	7440-39-3	6020A	23		5.0	0.045	ug/L	1
Beryllium	7440-41-7	6020A	0.040	BJ	0.40	0.028	ug/L	1
Cadmium	7440-43-9	6020A	ND		0.10	0.059	ug/L	1
Calcium	7440-70-2	6020A	3200		200	13	ug/L	1
Chromium	7440-47-3	6020A	8.3		5.0	0.35	ug/L	1
Cobalt	7440-48-4	6020A	0.88	J	5.0	0.029	ug/L	1
Copper	7440-50-8	6020A	1.5		1.0	0.15	ug/L	1
Iron	7439-89-6	6020A	1100		20	5.7	ug/L	1
Lead	7439-92-1	6020A	0.52	BJ	1.0	0.047	ug/L	2
Magnesium	7439-95-4	6020A	830		50	0.94	ug/L	1
Manganese	7439-96-5	6020A	120		5.0	0.20	ug/L	1
Nickel	7440-02-0	6020A	7.5		5.0	0.28	ug/L	1
Potassium	7440-09-7	6020A	1900		200	6.0	ug/L	1
Selenium	7782-49-2	6020A	ND		1.0	0.25	ug/L	1
Silver	7440-22-4	6020A	ND		1.0	0.011	ug/L	1
Sodium	7440-23-5	6020A	11000		200	4.0	ug/L	1
Thallium	7440-28-0	6020A	ND		0.50	0.076	ug/L	2
Vanadium	7440-62-2	6020A	3.2	J	5.0	1.5	ug/L	1
Zinc	7440-66-6	6020A	8.4	J	10	1.5	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
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Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-003
Description: MW-3
Matrix: Aqueous
Date Sampled: 09/30/2009 1050
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	10/03/2009 0032	BNW	10/02/2009 1700	18919

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	0.000064	BJ	0.00010	0.000053	mg/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-004
Description: MW-4
Matrix: Aqueous
Date Sampled: 09/30/2009 1520
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	10/05/2009 1700	DLB		19045

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
Cyclohexane	110-82-7	8260B	ND		1.0	0.30	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	0.20	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		1.0	0.030	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		1.0	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		1.0	0.51	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
Trichloroethene	79-01-6	8260B	0.62	J	1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-004
Description: MW-4
Matrix: Aqueous
Date Sampled: 09/30/2009 1520
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	10/05/2009 1700	DLB		19045

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		90	70-130
Bromofluorobenzene		93	70-130
Toluene-d8		95	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

EDB & DBCP by Microextraction

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-004
Description: MW-4
Matrix: Aqueous
Date Sampled: 09/30/2009 1520
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	10/06/2009 0145	JCG	10/05/2009 2020	18998

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8011	ND		0.019	0.0054	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0059	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		74	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

ICP-MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-004
Description: MW-4
Matrix: Aqueous
Date Sampled: 09/30/2009 1520
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	10/06/2009 1541	FTS	10/05/2009 1830	19009
2	3005A	6020A	1	10/08/2009 0020	FTS	10/05/2009 1830	19009

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aluminum	7429-90-5	6020A	880		40	1.8	ug/L	1
Antimony	7440-36-0	6020A	ND		1.0	0.097	ug/L	1
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	7440-39-3	6020A	35		5.0	0.045	ug/L	1
Beryllium	7440-41-7	6020A	0.054	BJ	0.40	0.028	ug/L	1
Cadmium	7440-43-9	6020A	ND		0.10	0.059	ug/L	1
Calcium	7440-70-2	6020A	1800		200	13	ug/L	1
Chromium	7440-47-3	6020A	2.1	J	5.0	0.35	ug/L	1
Cobalt	7440-48-4	6020A	1.3	J	5.0	0.029	ug/L	1
Copper	7440-50-8	6020A	0.69	J	1.0	0.15	ug/L	1
Iron	7439-89-6	6020A	630		20	5.7	ug/L	1
Lead	7439-92-1	6020A	0.54	BJ	1.0	0.047	ug/L	2
Magnesium	7439-95-4	6020A	650		50	0.94	ug/L	1
Manganese	7439-96-5	6020A	89		5.0	0.20	ug/L	1
Nickel	7440-02-0	6020A	4.2	J	5.0	0.28	ug/L	1
Potassium	7440-09-7	6020A	2100		200	6.0	ug/L	1
Selenium	7782-49-2	6020A	ND		1.0	0.25	ug/L	1
Silver	7440-22-4	6020A	ND		1.0	0.011	ug/L	1
Sodium	7440-23-5	6020A	4800		200	4.0	ug/L	1
Thallium	7440-28-0	6020A	ND		0.50	0.076	ug/L	2
Vanadium	7440-62-2	6020A	2.1	J	5.0	1.5	ug/L	1
Zinc	7440-66-6	6020A	12		10	1.5	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
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ND = Not detected at or above the MDL
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P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-004
Description: MW-4
Matrix: Aqueous
Date Sampled: 09/30/2009 1520
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	10/03/2009 0043	BNW	10/02/2009 1700	18919

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	0.000078	BJ	0.00010	0.000053	mg/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-005
Description: MW-5
Matrix: Aqueous
Date Sampled: 10/01/2009 1345
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	10/05/2009 1721	DLB		19045

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
Cyclohexane	110-82-7	8260B	ND		1.0	0.30	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	0.20	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		1.0	0.030	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		1.0	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		1.0	0.51	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-005
Description: MW-5
Matrix: Aqueous
Date Sampled: 10/01/2009 1345
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	10/05/2009 1721	DLB		19045

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		89	70-130
Bromofluorobenzene		93	70-130
Toluene-d8		95	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

EDB & DBCP by Microextraction

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-005
Description: MW-5
Matrix: Aqueous
Date Sampled: 10/01/2009 1345
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	10/06/2009 0206	JCG	10/05/2009 2020	18998

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8011	ND		0.019	0.0054	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0060	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		89	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

ICP-MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-005
Description: MW-5
Matrix: Aqueous
Date Sampled: 10/01/2009 1345
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	10/06/2009 1652	FTS	10/05/2009 1830	19009

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aluminum	7429-90-5	6020A	560		40	1.8	ug/L	1
Antimony	7440-36-0	6020A	ND		1.0	0.097	ug/L	1
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	7440-39-3	6020A	170		5.0	0.045	ug/L	1
Beryllium	7440-41-7	6020A	0.26	BJ	0.40	0.028	ug/L	1
Cadmium	7440-43-9	6020A	0.11		0.10	0.059	ug/L	1
Calcium	7440-70-2	6020A	8500		200	13	ug/L	1
Chromium	7440-47-3	6020A	ND		5.0	0.35	ug/L	1
Cobalt	7440-48-4	6020A	1.2	J	5.0	0.029	ug/L	1
Copper	7440-50-8	6020A	1.0		1.0	0.15	ug/L	1
Iron	7439-89-6	6020A	540		20	5.7	ug/L	1
Lead	7439-92-1	6020A	0.24	BJ	1.0	0.047	ug/L	1
Magnesium	7439-95-4	6020A	2200		50	0.94	ug/L	1
Manganese	7439-96-5	6020A	140		5.0	0.20	ug/L	1
Nickel	7440-02-0	6020A	3.3	J	5.0	0.28	ug/L	1
Potassium	7440-09-7	6020A	2200		200	6.0	ug/L	1
Selenium	7782-49-2	6020A	0.32	J	1.0	0.25	ug/L	1
Silver	7440-22-4	6020A	0.029	J	1.0	0.011	ug/L	1
Sodium	7440-23-5	6020A	7400		200	4.0	ug/L	1
Thallium	7440-28-0	6020A	ND		0.50	0.076	ug/L	1
Vanadium	7440-62-2	6020A	1.5	J	5.0	1.5	ug/L	1
Zinc	7440-66-6	6020A	19		10	1.5	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-005
Description: MW-5
Matrix: Aqueous
Date Sampled: 10/01/2009 1345
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	10/03/2009 0047	BNW	10/02/2009 1700	18919

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-006
Description: MW-6
Matrix: Aqueous
Date Sampled: 10/01/2009 1035
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	10/05/2009 1742	DLB		19045

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	0.52	J	1.0	0.35	ug/L	1
Cyclohexane	110-82-7	8260B	ND		1.0	0.30	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	0.20	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		1.0	0.030	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		1.0	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		1.0	0.51	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
Trichloroethene	79-01-6	8260B	7.7		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-006
Description: MW-6
Matrix: Aqueous
Date Sampled: 10/01/2009 1035
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	10/05/2009 1742	DLB		19045

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		90	70-130
Bromofluorobenzene		92	70-130
Toluene-d8		95	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

EDB & DBCP by Microextraction

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-006
Description: MW-6
Matrix: Aqueous
Date Sampled: 10/01/2009 1035
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	10/06/2009 0227	JCG	10/05/2009 2020	18998

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8011	ND		0.019	0.0054	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0059	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		60	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

ICP-MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-006
Description: MW-6
Matrix: Aqueous
Date Sampled: 10/01/2009 1035
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	10/06/2009 1715	FTS	10/05/2009 1830	19009
2	3005A	6020A	1	10/08/2009 0051	FTS	10/05/2009 1830	19009

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aluminum	7429-90-5	6020A	650		40	1.8	ug/L	1
Antimony	7440-36-0	6020A	1.3		1.0	0.097	ug/L	1
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	7440-39-3	6020A	61		5.0	0.045	ug/L	1
Beryllium	7440-41-7	6020A	0.050	BJ	0.40	0.028	ug/L	1
Cadmium	7440-43-9	6020A	ND		0.10	0.059	ug/L	1
Calcium	7440-70-2	6020A	6400		200	13	ug/L	1
Chromium	7440-47-3	6020A	18		5.0	0.35	ug/L	1
Cobalt	7440-48-4	6020A	1.3	J	5.0	0.029	ug/L	1
Copper	7440-50-8	6020A	2.4		1.0	0.15	ug/L	1
Iron	7439-89-6	6020A	1000		20	5.7	ug/L	1
Lead	7439-92-1	6020A	0.33	BJ	1.0	0.047	ug/L	2
Magnesium	7439-95-4	6020A	2400		50	0.94	ug/L	1
Manganese	7439-96-5	6020A	68		5.0	0.20	ug/L	1
Nickel	7440-02-0	6020A	14		5.0	0.28	ug/L	1
Potassium	7440-09-7	6020A	2600		200	6.0	ug/L	1
Selenium	7782-49-2	6020A	ND		1.0	0.25	ug/L	1
Silver	7440-22-4	6020A	0.019	J	1.0	0.011	ug/L	1
Sodium	7440-23-5	6020A	5600		200	4.0	ug/L	1
Thallium	7440-28-0	6020A	ND		0.50	0.076	ug/L	2
Vanadium	7440-62-2	6020A	3.4	J	5.0	1.5	ug/L	1
Zinc	7440-66-6	6020A	12		10	1.5	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-006
Description: MW-6
Matrix: Aqueous
Date Sampled: 10/01/2009 1035
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	10/03/2009 0049	BNW	10/02/2009 1700	18919

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
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ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-007
Description: MW-7
Matrix: Aqueous
Date Sampled: 10/01/2009 1200
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	10/05/2009 2134	DLB		19045

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	0.62	J	1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	0.37	J	1.0	0.35	ug/L	1
Cyclohexane	110-82-7	8260B	ND		1.0	0.30	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	0.20	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	0.24	J	1.0	0.13	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		1.0	0.030	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	6.6		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		1.0	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		1.0	0.51	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
Trichloroethene	79-01-6	8260B	220		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-007
Description: MW-7
Matrix: Aqueous
Date Sampled: 10/01/2009 1200
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	10/05/2009 2134	DLB		19045

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		90	70-130
Bromofluorobenzene		90	70-130
Toluene-d8		94	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

EDB & DBCP by Microextraction

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-007
Description: MW-7
Matrix: Aqueous
Date Sampled: 10/01/2009 1200
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	10/06/2009 0249	JCG	10/05/2009 2020	18998

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8011	ND		0.019	0.0053	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0059	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		70	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

ICP-MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-007
Description: MW-7
Matrix: Aqueous
Date Sampled: 10/01/2009 1200
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	10/06/2009 1727	FTS	10/05/2009 1830	19009
2	3005A	6020A	1	10/08/2009 0059	FTS	10/05/2009 1830	19009
3	3005A	6020A	10	10/08/2009 0525	FTS	10/05/2009 1830	19009

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aluminum	7429-90-5	6020A	6800		40	1.8	ug/L	1
Antimony	7440-36-0	6020A	0.34	J	1.0	0.097	ug/L	1
Arsenic	7440-38-2	6020A	ND		10	2.6	ug/L	3
Barium	7440-39-3	6020A	190		5.0	0.045	ug/L	1
Beryllium	7440-41-7	6020A	0.79	B	0.40	0.028	ug/L	1
Cadmium	7440-43-9	6020A	0.067	J	0.10	0.059	ug/L	1
Calcium	7440-70-2	6020A	5100		200	13	ug/L	1
Chromium	7440-47-3	6020A	3.1	J	5.0	0.35	ug/L	1
Cobalt	7440-48-4	6020A	2.2	J	5.0	0.029	ug/L	1
Copper	7440-50-8	6020A	3.6		1.0	0.15	ug/L	1
Iron	7439-89-6	6020A	8700		20	5.7	ug/L	1
Lead	7439-92-1	6020A	5.9	B	1.0	0.047	ug/L	2
Magnesium	7439-95-4	6020A	3300		50	0.94	ug/L	1
Manganese	7439-96-5	6020A	560		5.0	0.20	ug/L	1
Nickel	7440-02-0	6020A	4.1	J	5.0	0.28	ug/L	1
Potassium	7440-09-7	6020A	4800		200	6.0	ug/L	1
Selenium	7782-49-2	6020A	ND		10	2.5	ug/L	3
Silver	7440-22-4	6020A	ND		1.0	0.011	ug/L	1
Sodium	7440-23-5	6020A	9200		200	4.0	ug/L	1
Thallium	7440-28-0	6020A	ND		0.50	0.076	ug/L	2
Vanadium	7440-62-2	6020A	14		5.0	1.5	ug/L	1
Zinc	7440-66-6	6020A	63		10	1.5	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-007
Description: MW-7
Matrix: Aqueous
Date Sampled: 10/01/2009 1200
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	10/03/2009 0052	BNW	10/02/2009 1700	18919

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	0.00017	B	0.00010	0.000053	mg/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-008
Description: Trip Blank
Matrix: Aqueous
Date Sampled: 10/02/2009 1600
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	10/05/2009 1803	DLB		19045

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
Cyclohexane	110-82-7	8260B	ND		1.0	0.30	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	0.20	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		1.0	0.030	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		1.0	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		1.0	0.51	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-008
Description: Trip Blank
Matrix: Aqueous
Date Sampled: 10/02/2009 1600
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	10/05/2009 1803	DLB		19045

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		91	70-130
Bromofluorobenzene		92	70-130
Toluene-d8		95	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-009
Description: EQ-1
Matrix: Aqueous
Date Sampled: 10/01/2009 1205
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	10/05/2009 2031	DLB		19045

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
Cyclohexane	110-82-7	8260B	ND		1.0	0.30	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	0.20	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		1.0	0.030	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		1.0	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		1.0	0.51	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-009
Description: EQ-1
Matrix: Aqueous
Date Sampled: 10/01/2009 1205
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	10/05/2009 2031	DLB		19045

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		90	70-130
Bromofluorobenzene		93	70-130
Toluene-d8		95	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

EDB & DBCP by Microextraction

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-009
Description: EQ-1
Matrix: Aqueous
Date Sampled: 10/01/2009 1205
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	10/06/2009 0310	JCG	10/05/2009 2020	18998

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8011	ND		0.019	0.0054	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0059	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		65	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

ICP-MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-009
Description: EQ-1
Matrix: Aqueous
Date Sampled: 10/01/2009 1205
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	10/06/2009 1739	FTS	10/05/2009 1830	19009

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aluminum	7429-90-5	6020A	6.4	J	40	1.8	ug/L	1
Antimony	7440-36-0	6020A	ND		1.0	0.097	ug/L	1
Arsenic	7440-38-2	6020A	ND		1.0	0.26	ug/L	1
Barium	7440-39-3	6020A	0.22	J	5.0	0.045	ug/L	1
Beryllium	7440-41-7	6020A	ND		0.40	0.028	ug/L	1
Cadmium	7440-43-9	6020A	ND		0.10	0.059	ug/L	1
Calcium	7440-70-2	6020A	ND		200	13	ug/L	1
Chromium	7440-47-3	6020A	ND		5.0	0.35	ug/L	1
Cobalt	7440-48-4	6020A	ND		5.0	0.029	ug/L	1
Copper	7440-50-8	6020A	0.22	J	1.0	0.15	ug/L	1
Iron	7439-89-6	6020A	6.9	J	20	5.7	ug/L	1
Lead	7439-92-1	6020A	ND		1.0	0.047	ug/L	1
Magnesium	7439-95-4	6020A	ND		50	0.94	ug/L	1
Manganese	7439-96-5	6020A	0.82	J	5.0	0.20	ug/L	1
Nickel	7440-02-0	6020A	ND		5.0	0.28	ug/L	1
Potassium	7440-09-7	6020A	ND		200	6.0	ug/L	1
Selenium	7782-49-2	6020A	ND		1.0	0.25	ug/L	1
Silver	7440-22-4	6020A	ND		1.0	0.011	ug/L	1
Sodium	7440-23-5	6020A	28	J	200	4.0	ug/L	1
Thallium	7440-28-0	6020A	ND		0.50	0.076	ug/L	1
Vanadium	7440-62-2	6020A	ND		5.0	1.5	ug/L	1
Zinc	7440-66-6	6020A	ND		10	1.5	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-009
Description: EQ-1
Matrix: Aqueous
Date Sampled: 10/01/2009 1205
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	10/03/2009 0055	BNW	10/02/2009 1700	18919

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
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P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-010
Description: Dup-1
Matrix: Aqueous
Date Sampled: 10/01/2009
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	10/05/2009 2052	DLB		19045

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1
Benzene	71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
Cyclohexane	110-82-7	8260B	ND		1.0	0.30	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1.0	0.33	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1.0	0.33	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		2.0	0.20	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.21	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1.0	0.12	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.11	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		1.0	0.030	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	0.30	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		1.0	0.30	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		1.0	0.51	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

Volatile Organic Compounds by GC/MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-010
Description: Dup-1
Matrix: Aqueous
Date Sampled: 10/01/2009
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	10/05/2009 2052	DLB		19045

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		89	70-130
Bromofluorobenzene		91	70-130
Toluene-d8		93	70-130

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

EDB & DBCP by Microextraction

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-010
Description: Dup-1
Matrix: Aqueous
Date Sampled: 10/01/2009
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	10/06/2009 0331	JCG	10/05/2009 2020	18998

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8011	ND		0.019	0.0054	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0.0060	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		88	57-137

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

ICP-MS

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-010
Description: Dup-1
Matrix: Aqueous
Date Sampled: 10/01/2009
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3005A	6020A	1	10/06/2009 1751	FTS	10/05/2009 1830	19009
2	3005A	6020A	1	10/08/2009 0115	FTS	10/05/2009 1830	19009

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Aluminum	7429-90-5	6020A	200		40	1.8	ug/L	1
Antimony	7440-36-0	6020A	ND		1.0	0.097	ug/L	1
Arsenic	7440-38-2	6020A	0.26	J	1.0	0.26	ug/L	1
Barium	7440-39-3	6020A	170		5.0	0.045	ug/L	1
Beryllium	7440-41-7	6020A	0.15	BJ	0.40	0.028	ug/L	1
Cadmium	7440-43-9	6020A	ND		0.10	0.059	ug/L	1
Calcium	7440-70-2	6020A	8300		200	13	ug/L	1
Chromium	7440-47-3	6020A	ND		5.0	0.35	ug/L	1
Cobalt	7440-48-4	6020A	1.0	J	5.0	0.029	ug/L	1
Copper	7440-50-8	6020A	0.51	J	1.0	0.15	ug/L	1
Iron	7439-89-6	6020A	330		20	5.7	ug/L	1
Lead	7439-92-1	6020A	0.12	BJ	1.0	0.047	ug/L	2
Magnesium	7439-95-4	6020A	2000		50	0.94	ug/L	1
Manganese	7439-96-5	6020A	130		5.0	0.20	ug/L	1
Nickel	7440-02-0	6020A	3.2	J	5.0	0.28	ug/L	1
Potassium	7440-09-7	6020A	2100		200	6.0	ug/L	1
Selenium	7782-49-2	6020A	ND		1.0	0.25	ug/L	1
Silver	7440-22-4	6020A	ND		1.0	0.011	ug/L	1
Sodium	7440-23-5	6020A	7300		200	4.0	ug/L	1
Thallium	7440-28-0	6020A	ND		0.50	0.076	ug/L	2
Vanadium	7440-62-2	6020A	ND		5.0	1.5	ug/L	1
Zinc	7440-66-6	6020A	14		10	1.5	ug/L	1

PQL = Practical quantitation limit
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Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

CVAA

Client: ERM-Southeast, Inc
Laboratory ID: KJ02050-010
Description: Dup-1
Matrix: Aqueous
Date Sampled: 10/01/2009
Date Received: 10/02/2009

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	10/03/2009 0058	BNW	10/02/2009 1700	18919

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Mercury	7439-97-6	7470A	0.00016	B	0.00010	0.000053	mg/L	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
ND = Not detected at or above the MDL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria
H = Out of holding time

SHEALY Chain of Custody Record

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 99985

Client: ERM NC, PC	Report to Contact: Michael Pressley	Telephone No. / Fax No. / E-mail: 704-541-8345 / Michael.Pressley@erm.com	Quote No.
Address: 8000 Corp Ctr. Dr Ste 200	Sampler's Signature: X	Waybill No.	Page 1 of 1
City: Charlotte / State: NC / Zip Code: 28226	Printed Name: Thomas Fisher	Analysis (Attach list if more space is needed.)	
Project Name: Joslyn Clark			
Project No.: 103643	P.O. No.		Lot No. KJ0250

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	C=Grab C=Composite	Matrix: Aqueous	Matrix: Solid	Matrix: Non-Aqueous	No. of Containers by Preservative Type: Unpres.	H2SO4	HNO3	HCl	NaOH	5035 Kit	VOC by EPA Method 8260 DSCP and EDB	(TAL) Metals	Remarks / Cooler I.D.
MW-1	9/30/9	1440	G	X					1	5			X	X	X
MW-2	9/30/9	1140	G	X					1	5			X	X	X
MW-3	9/30/9	1050	G	X					1	5			X	X	X
MW-4	9/30/9	1520	G	X					1	5			X	X	X
MW-5	10/1/9	1345	G	X					1	5			X	X	X
MW-6	10/1/9	1035	G	X					1	5			X	X	X
MW-7	10/1/9	1200	G	X					1	5			X	X	X
Trip Blank	—	—								2			X		
EB 1mt EQ-1	10/1/9	1205	G	X					1	5			X	X	X
FB 1mt Dup-1	10/1/9		G	X					1	5			X	X	X

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison [ ] Unknown

Sample Disposal: [ ] Return to Client [X] Disposal by Lab

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Turn Around Time Required (Prior lab approval required for expedited TAT.): [X] Standard [ ] Rush (Specify) 7 Day T.A.T.

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished by	10/1/9	19:00	1. Received by	10-1-09	19:00
2. Relinquished by	10-2-09	1430	2. Received by	10.2.09	1430
3. Relinquished by	10.2.09	1650	3. Laboratory received by	10-2-09	1650

Comments:

LAB USE ONLY
Received on ice (Circle) Yes No Ice Pack

Receipt Temp. 1.6 °C

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

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106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

SHEALY ENVIRONMENTAL SERVICES, INC.

Shealy Environmental Services, Inc.
Document Number: F-AD-016
Revision Number: 6

Replaces Date: 09/22/06
Effective Date: 05/29/07

Sample Receipt Checklist (SRC)

Client: GRM Cooler Inspected by/date: ECC / 10/2/09 Lot #: KU02050

Means of receipt: ☑ SESI ☐ Client ☐ UPS ☐ FedEx ☐ Airborne Exp ☐ Other

Yes ☐	No ☑	NA ☐	1. Were custody seals present on the cooler?
Yes ☐	No ☐	NA ☑	2. If custody seals were present, were they intact and unbroken?

Cooler ID/temperature upon receipt 1U °C / °C / °C / °C / °C / °C / °C / °C

Method: ☐ Temperature Blank ☑ Against Bottles
Method of coolant: ☑ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None

If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.

Yes ☐	No ☐	NA ☑	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other _____. (For coolers received via commercial courier, PMs are to be notified immediately.
Yes ☐	No ☐	NA ☑	4. Is the commercial courier's packing slip attached to this form?
Yes ☑	No ☐	NA ☐	5. Were proper custody procedures (relinquished/received) followed?
Yes ☑	No ☐	NA ☐	6. Were sample IDs listed?
Yes ☑	No ☐	NA ☐	7. Was collection date & time listed?
Yes ☑	No ☐	NA ☐	8. Were tests to be performed listed on the COC or was quote # provided?
Yes ☑	No ☐	NA ☐	9. Did all samples arrive in the proper containers for each test?
Yes ☑	No ☐	NA ☐	10. Did all container label information (ID, date, time) agree with COC?
Yes ☑	No ☐	NA ☐	11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes ☑	No ☐	NA ☐	12. Was adequate sample volume available?
Yes ☐	No ☑	NA ☐	13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☑	NA ☐	14. Were any samples containers missing?
Yes ☐	No ☑	NA ☐	15. Were there any excess samples not listed on COC?
Yes ☐	No ☑	NA ☐	16. Were bubbles present >"pea-size" (¼"or 6mm in diameter) in any VOA vials?
Yes ☑	No ☐	NA ☐	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☐	No ☐	NA ☑	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐	No ☐	NA ☑	19. Were all applicable NH3/TKN/cyanide/phenol/BNA/pest/PCB/herb (<0.2mg/L) and toxicity (<0.1mg/L) samples free of residual chlorine?
Yes ☐	No ☐	NA ☑	20. Were collection temperatures documented on the COC for NC samples?

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H_2SO_4,HNO_3,HCl,NaOH) with the SR # (number)

Sample(s) _____ were received with bubbles >6 mm in diameter.

Sample(s) _____ were received with TRC >0.2 mg/L for NH3/TKN/cyanide/BNA/pest/PCB/herb.

Toxicity sample(s) _____ were received with TRC >0.1 mg/L and were analyzed by method 330.5.

Corrective Action taken, if necessary:

Was client notified: Yes ☐ No ☐ Did client respond: Yes ☐ No ☐

SESI employee: _____ Date of response: _____

Comments: _____