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**REPORT OF SOIL AND GROUNDWATER
ASSESSMENT ACTIVITIES**

**FORMER CERAMTEC PLANT 1
STATE HIGHWAY 14
LAURENS, LAURENS COUNTY, SOUTH CAROLINA
S&ME PROJECT NO. 1267-06-669**

Prepared for:

South Carolina Department of Health and Environmental Control.
Division of Site Assessment and Remediation
Bureau of Land and Waste Management
2600 Bull Street
Columbia, South Carolina 29201-1708

Prepared by:



October 2006

A191



October 20, 2006

SCDHEC
Division of Site Assessment and Remediation
Bureau of Land and Waste Management
2600 Bull Street
Columbia, South Carolina 29201-1708

ATTENTION: Mr. Craig Dukes

Reference: **REPORT OF SOIL AND GROUNDWATER ASSESSMENT ACTIVITIES**
Former Ceramtec Plant 1
Laurens, Laurens County, South Carolina
S&ME Project No. 1267-06-669

Dear Mr. Dukes:

On behalf of ACI Industries, LLC, please find enclosed a *Report of Soil and Groundwater Assessment Activities* for the referenced site. This site is also known as the Former 3M/GE Site. This assessment was performed according to the *Work Plan* dated October 2, 2006 prepared in compliance with Voluntary Cleanup Contract Number 064917-NRP. Please contact us if you have questions or need additional information.

Sincerely,

S&ME, Inc.


Scott E. Dacus, P.G.
Project Geologist




Stanford Lummus, P.E.
Senior Environmental Engineer

cc: Chris Mitchell, ACI Industries, LLC

SED/SJL/environ/2006/proj/6706669/assmnt report

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1.0 INTRODUCTION

This *Report of Soil and Groundwater Assessment Activities* discusses the activities performed to assess environmental contamination at the Former Ceramtec Plant 1 site (hereinafter referred to as subject site or site) in Laurens, South Carolina (see Figure 1, Site Location Map). This report details the field investigation methods as well as any deviations from the *Work Plan* (S&ME, October 2, 2006), and also includes tables and figures summarizing data, soil boring logs, and laboratory data.

The objectives of this assessment included the collection of soil and groundwater samples in specific areas of the site as outlined in Section 4.2, Section 4.4, Section 4.5, and Section 4.7 of the Voluntary Cleanup Contract (VCC) No. 064917-NRP. These sections specifically included:

- Section 4.2: in the interior of the building the collection of eight soil samples in four locations; one location being along the yellow line floor drain trench down line of the potential maintenance area; one location being along the blue line floor drain trench before it exits the building; one location being along the blue line floor drain trench approximately half way along the line; and one location being near the indoor sump.
- Section 4.4: on the exterior of the building the collection of two soil samples in the former drum storage area; and two soil samples on the south side of the former sump.
- Section 4.5: collection of two soil samples along the sewer line leaving the building.
- Section 4.7: install one permanent groundwater monitoring well on the south side of the former sump that is screened at the top of the water table; install one temporary monitoring well to the bedrock interface on the south side of the former sump; and install one temporary monitoring well to the bedrock interface on the south boundary of Property A (Plant 1).

2.0 SITE HISTORY

The Former Ceramtec Plant 1 site is located on State Highway 14 in Laurens, South Carolina (Figure 1, Site Location Map). The site is located south of the intersection of State Highway 14 and Technology Place Drive. The site coordinates are approximately North 34° 31' 30.26" latitude and West 82° 02' 45.15" longitude (Maptech, Terrain Navigator Pro, Version 5.03). The site consists of approximately 8.981 acres with an approximate 84,000 square foot building (Plant 1) formerly used to manufacture ceramic products. The site is currently owned by ALK, LLC.

The subject site was last occupied by AISiMag Ceramics Company aka Ceramtec North America Corp. Other previous owner/operators of the facility include General Electric (GE) Ceramics, Minnesota Mining

and Manufacturing (3M), and American Lava Corporation. It is reported that American Lava Corporation constructed Plant 1 in 1960 and began operations in 1961. These companies manufactured various ceramic products for numerous markets. The subject site was a part of a larger tract of property that consists of approximately 275 acres and includes Plant 2, a closed industrial solid waste landfill, and a closed wastewater pond. These areas have been and are currently under environmental investigation by the SCDHEC.

3.0 GEOLOGIC SETTING

The Former Ceramtec Plant 1 Site lies within the Piedmont Geologic Province of South Carolina. Geology within the Laurens area is generally comprised of igneous and metamorphic crystalline rocks that are generally strongly foliated and fractured. The percolation of water downward through the fractures has resulted in the formation of a layer of residual weathered material (saprolite) and soil at the land surface. In the Piedmont, the saprolite and residual soils typically have high porosities but low hydraulic conductivities; thus, they do not readily transmit groundwater. The saprolite and residuum are considered leaky (semi-permeable) beds which may store and recharge water to the underlying bedrock aquifer. Groundwater occurs within the saprolite and residuum between the clay, silt, and sand grains. Groundwater also occurs and flows within the bedrock along secondary features, joints, and planes of weakness. The movement of groundwater through the saprolite is strongly influenced by topography. Groundwater within the Piedmont generally moves from topographically high areas (recharge zones) to topographically low areas with and along stream valleys (discharge areas).

4.0 HEALTH AND SAFETY

A site specific Health and Safety Plan (H&SP) was prepared and submitted in the Work Plan (S&ME, October 2006). This H&SP was present in the field during all assessment activities. The plan was presented to each individual for review and signature, before performing assessment activities onsite. Health and safety meetings were held before initiation of assessment tasks (i.e. direct-push sampling, drilling, monitoring well sampling, etc.).

5.0 ASSESSMENT TASKS

5.1 Soil

5.1.1 Soil Sampling

On October 4, 2006, nine soil test borings were conducted at the site using direct-push technology (DPT). Soil test boring locations are illustrated on Figure 2. Soil test boring BL-1 was drilled along the Blue Line floor drain trench at the intersection of the Blue Line and the section of floor drain trench installed to connect the Blue Line to the Yellow Line floor drain trench. Soil test boring BL-2 was drilled along the Blue Line floor drain trench at the roll-up door where this trench exited the building. Soil test borings BL-1 and BL-2 were located just to the side of the trench because the trench had been covered with one-quarter inch thick steel plates that were bolted and welded over the trench. Soil test boring IS-1 was drilled next to the indoor sump located along the Yellow Line floor drain trench. This indoor sump measured 2.5 feet long by 2.4 feet wide by 4 feet deep. Water was present in the bottom of the sump at the time of soil sampling; therefore, the soil test boring was located just off the side of the sump. Soil test boring YL-1 was located along the Yellow Line floor drain trench on the exterior of the building. This floor drain trench flowed through the maintenance area of the building. During a site visit on October 3, 2006, S&ME personnel observed mechanical equipment mounted on the floor over and around this trench near the exterior wall of the building. After a telephone conversation with Mr. Craig Dukes with SCDHEC on October 3, 2006, this boring location was moved to the exterior of the building, next to the yellow line where it exited the building. Soil test boring OS-1 was drilled next to the outdoor sump. This sump had been previously abandoned by filling with concrete. Based on the concrete seams observed in this area, the outdoor sump measured approximately 12 feet long and 10 feet wide and was reported to be 7 feet deep. Soil test borings DS-1 and DS-2 were drilled in the former drum storage area located adjacent to the exterior of the southern wall of the building. Soil test borings SSL-1 and SSL-2 were drilled along the sanitary sewer line on the north side of the building. Boring SSL-1 was drilled next to the manhole just north of the building and boring SSL-2 was drilled near the northern wall of the building where the sewer line exited the building.

The soil test borings were performed with a track-mounted direct-push rig which hydraulically advanced (pushed) a tube sampler into the soil. The tube sampler housed a four-foot long clear polyethylene tube, into which the soil entered during advancement. Upon removal from the boring, the clear tube was removed from the sampler, providing a representation of the soil profile. A new clear tube was then inserted into the sampler, and the next four-foot interval of soil was sampled.

Soils encountered in the borings consisted mainly of a brown micaceous fine to medium sandy silt. A more detailed description of soils encountered is included in the Log of Borings in Appendix A.

5.1.2 Soil Sample Field Screening

Soil samples collected from the borings were screened in the field using the Color-Tec method. With this method, an unpreserved 40-milliliter vial was filled to approximately 60% capacity with soil. Organic-free water was then added to the vial to saturate the soil and the vial was agitated for 20 seconds. The sealed ends of a Gastec® detector tube were removed, with one end of the tube being placed into a Gastec® hand pump and the other end being placed into a section of Tygon® tubing attached to a hollow needle. The needle was inserted into the septum of the vial, and the Gastec® pump was used to extract the headspace vapor. The detector tube provides a quantitative analysis of the concentration of tetrachloroethene by evidence of purple staining appearing on the detector tube. The detector tubes were scaled to allow measurement of the extent of reaction.

Soil samples from depths of 2 feet and 10 feet in borings BL-1 and BL-2, from depths of 5 feet and 10 feet in boring IS-1, from depths of 2 feet and 10 feet in boring YL-1, from depths of 1 foot and 12 feet in boring OS-1, from a depth of 1 foot in borings DS-1 and DS-2, from a depth of 16 feet in boring SSL-1, and from a depth of 6 feet in boring SSL-2 were screened in the field using the Color-Tec method. A reading of 0.5 parts per million (ppm) was detected on the sample from a depth of 10 feet in boring BL-2. All other soil samples demonstrated a “no reaction” on the detector tubes.

5.1.3 Soil Sample Collection

The following soil samples were submitted to the laboratory for analysis: BL-1-2, BL-1-10, BL-2-2, BL-2-10, IS-1-5, IS-1-10, YL-1-2, YL-1-10, OS-1-1, OS-1-12, DS-1-1, DS-2-1, SSL-1-16, and SSL-2-6. The “BL-1” portion of the sample identification reflects the soil test boring, and the last number in the sample identification reflects the depth below ground surface from which the sample was collected. Each of these samples were submitted to the laboratory to analyze for volatile organic compounds (VOCs) by method 8260B. Soil samples submitted to the laboratory for VOC analysis were collected in terracore samplers. Each terracore sampler was pushed directly into the undisturbed soil sample collected within the DPT sample tube. The soil core sample was then placed directly into pre-preserved laboratory sample containers. Each of these soil samples were also analyzed for semi-volatile organic compounds (SVOCs) by method 8270C. Soil samples submitted to the laboratory for SVOC analysis were collected in unpreserved 4 ounce glass jars. Soil samples BL-2-2, YL-1-2, OS-1-1, OS-1-12, SSL-1-16, and SSL-2-6

were submitted to the laboratory for analysis of target analyte list (TAL) metals. Samples submitted to the laboratory for metals analysis were collected in unpreserved 2 ounce glass jars. Soil samples BL-2-2, YL-1-2, and OS-1-1 were submitted to the laboratory for analysis of pesticides and polychlorinated biphenyls (PCBs). Samples submitted for these analyses were collected in 4 ounce glass jars. All of the sample containers were placed on ice within coolers and shipped on October 4, 2006 via overnight courier to Environmental Science Corporation (South Carolina laboratory certification number 84004), in Mt. Juliet, Tennessee.

5.2 Groundwater

5.2.1 Groundwater Sampling - Direct-Push

Two groundwater samples were collected using DPT on October 5, 2006. Locations of the DPT groundwater samples are illustrated on Figure 2. The track-mounted 6620DT DPT rig hydraulically advanced (pushed) a four-foot long stainless steel sampler into the soil. Housed within the sampler was a four-foot long stainless steel screen. The sampler was pushed to the depth at which the DPT rig could not advance the sampler any deeper, presumably at the soil/bedrock interface. The sampler was then pulled up four feet, leaving the screen open to receive groundwater. Polyethylene tubing was then inserted through the push rods into the screen and the groundwater sample was retrieved through the tubing. Boring DPT-1 was drilled next to the outdoor sump. Refusal to DPT equipment was encountered at a depth of 50 feet below ground surface. The groundwater sampler was opened from 46 feet to 50 feet. Groundwater sample DPT-1-50 was collected from this interval in the boring. Boring DPT-2 was drilled near the southern property boundary. Refusal to DPT equipment was encountered at a depth of 64 feet below ground surface. The groundwater sampler was opened from 60 feet to 64 feet. Groundwater sample DPT-2-64 was collected from this interval in the boring. Boring Logs illustrating screen depths and other details are included in Appendix A.

5.2.2 Groundwater Sample Collection – Direct-Push

Groundwater samples DPT-1-50 and DPT-2-64 were submitted to the laboratory to analyze for VOCs by method 8260B and SVOCs by method 8270C. Groundwater samples for VOC analysis were collected in pre-preserved 40 milliliter glass vials with a septum in the cap; and for SVOC analysis were collected in unpreserved one liter amber glass jugs. These sample containers were placed on ice within coolers and shipped on October 6, 2006 via overnight courier to Environmental Science Corporation (South Carolina laboratory certification number 84004), in Mt. Juliet, Tennessee.

5.2.3 Monitoring Well Installation

Groundwater monitoring well OS-MW-1 was installed next to the outdoor sump on October 5, 2006 (see Figure 2 for location of this well). The well was drilled with a Geoprobe® 6620DT track mounted rig using hollow-stem augering techniques. Soil cuttings were observed to be damp at a depth of 26 feet below ground surface. Soil cuttings were placed into two steel 55-gallon drums, labeled and stored onsite. The well was drilled to a depth of 35 feet with the hollow-stem augers. The well was then constructed by installing a ten foot length of 2-inch diameter schedule 40 PVC well screen with manufactured 0.010 inch slots inside the augers to the bottom of the borehole. Twenty-five feet of 2-inch diameter schedule 40 PVC threaded casing was attached to the well screen. A sand filter pack was placed within the borehole annulus to a depth of two feet above the well screen. A 2-foot bentonite pellet layer was then placed above the filter pack. For the purpose of forming a seal, tap water was used to hydrate the bentonite pellets. The remaining well annulus was tremie grouted, from the top of the bentonite pellet layer to within one foot of the ground surface, with a bentonite/cement grout. The well was completed at grade within a bolt-down cast iron well cover set in a two foot by two foot by four inch thick concrete pad. The well was secured with a locking water-tight cap. Well construction details are included on the Completion Report of Well forms in Appendix A.

5.2.4 Monitoring Well Development

After installation, monitoring well OS-MW-1 was developed using a disposable bailer to remove sediment from the well and insure groundwater movement through the sand pack. During development, the bailer was surged “up and down” along the length of the well screen to enhance removal of sediment from the well. Approximately 25 gallons of groundwater was removed during development activities. This groundwater was placed into a steel 55-gallon drum, labeled and stored onsite.

5.2.5 Monitoring Well Sampling

Monitoring well OS-MW-1 was allowed to recharge for a period of 24 hours before sampling on October 6, 2006. Prior to sample collection, the water level was measured in the monitoring well using a Solinst, battery operated water level indicator. The depth of water was measured to be 22.14 feet below top of casing. The monitoring well was not purged before this sampling event since development was performed 24 hours prior to sampling. The well was sampled using nylon rope to slowly lower a disposable bailer into the well. Groundwater was decanted directly into laboratory supplied sample containers. Field parameters including pH, temperature, and conductivity were measured of the sample

collected. These measurements along with measured depth to water are included on the *Sample Collection Summary Sheet* included in Appendix B. Groundwater sample OS-MW-1 was submitted to the laboratory for analysis of VOCs by method 8260B, SVOCs by method 8270C, and TAL metals. The sample for VOCs analysis was placed in 40 milliliter glass vials pre-preserved with hydrochloric acid and sealed with a septum cap. The sample for SVOC analysis was placed into an unpreserved one liter amber glass jug. The sample for metals analysis was placed into a high density polyethylene bottle and preserved in the field with nitric acid. These sample containers were placed on ice within a cooler and shipped on October 6, 2006 via overnight courier to Environmental Science Corporation (South Carolina laboratory certification number 84004), in Mt. Juliet, Tennessee.

5.3 Quality Assurance Sampling

A duplicate soil sample, OS-1-1A, was collected at location OS-1-1 next to the outdoor sump. A duplicate groundwater sample, OS-MW-1A, was collected during sampling of monitoring well OS-MW-1. Duplicate samples were collected by filling twice the number of sample containers.

Equipment rinsate blanks were collected of the organic-free water used to rinse sampling equipment. “ERB-SS” was collected after high pressure steam cleaning was performed on the DPT soil samplers. For this blank, organic-free water was poured over the DPT soil sampler and allowed to fill the sample containers. “ERB-GW” was collected during monitoring well sampling by pouring organic-free water through an un-used disposable bailer and into the sample containers.

A tap water blank, “TW Blank” was collected of the tap water used during DPT decontamination procedures.

Trip blanks, prepared by the laboratory, accompanied the samples during collection and transportation to the laboratory. One trip blank was included in each of the two soil sample coolers shipped on October 4, 2006; and one trip blank was included in the groundwater sample cooler shipped on October 6, 2006. The trip blanks remained closed at all times.

5.4 Decontamination Procedures

Decontamination of DPT field sampling equipment was performed by field personnel to prevent cross contamination of samples. All sampling equipment was decontaminated before sampling and between

each sampling location. The DPT sampling equipment was steam cleaned using soap and high pressure hot water. Water used during decontamination procedures was containerized in a steel 55-gallon drum.

6.0 LABORATORY ANALYTICAL RESULTS

6.1 Soil Samples

Laboratory analysis of soil samples collected on the site reported tetrachloroethene (PCE) in seven of the soil samples at concentrations ranging from 0.002 milligrams per kilogram (mg/kg) to 0.17 mg/kg. Trichloroethene (TCE) was reported in one of the soil samples at a concentration of 0.002 mg/kg. 1,1-Dichloroethene (DCE) was reported in one of the soil samples at a concentration of 0.005 mg/kg. The remaining VOCs were each reported below their respective detection limits in each of the collected soil samples. One of the PCB compounds, PCB 1260, was reported in sample OS-1-1 at a concentration of 0.15 mg/kg and in sample OS-1-1A (duplicate) at a concentration of 0.03 mg/kg. The remaining PCB compounds were each reported below their respective detection limits in each of the collected soil samples. These laboratory analytical results are summarized on Table 1. Each of the SVOC compounds were reported below their respective detection limits in each of the collected soil samples. Copies of the laboratory analytical data and completed chain-of-custody forms are included in Appendix C.

Concentrations of aluminum, antimony, barium, cadmium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, nickel, potassium, silver, sodium, vanadium, zinc, and mercury were reported above their respective detection limits. These concentrations are listed on Table 2 and copies of the laboratory analytical data and completed chain-of-custody forms are included in Appendix C.

Laboratory analytical results were compared to the US EPA Region IX Preliminary Remediation Goals (PRGs) for residential and industrial sites and US EPA Region IX Soil Screening Levels (SSL) for leachability to groundwater using a dilution attenuation factor (DAF) of 20. Of the reported concentrations of VOCs, only the PCE concentration of 0.17 mg/kg in sample BL-2-10 exceeds the SSL of 0.06 mg/kg; but is below both the residential (1.5 mg/kg) and industrial (3.4 mg/kg) PRGs. The reported concentrations (0.15 mg/kg and 0.03 mg/kg) of PCB 1260 in samples OS-1-1 and OS-1-1A are below both the residential (0.22 mg/kg) and industrial (0.74 mg/kg) PRGs. Chromium was reported at concentrations exceeding the SSL of 38 mg/kg in six of the soil samples. Of these chromium concentrations, only the concentration (320 mg/kg) reported in duplicate sample OS-1-1A exceeds the residential PRG of 210 mg/kg. Iron was reported at concentrations exceeding the residential PRG of

23,000 mg/kg in six of the soil samples; however, each of these concentrations is below the industrial PRG of 100,000 mg/kg. Antimony was reported at concentrations slightly exceeding the SSL of 5.0 mg/kg in five of the soil samples.

6.2 Groundwater Samples

Laboratory analysis of groundwater samples collected at the site reported concentrations above the detection limits for the following VOCs: 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, cis-1,2-dichloroethene, PCE, TCE, 1,1,1-Trichloroethane, 1,1,2-Trichloroethane, and vinyl chloride. These concentrations are listed on Table 3 and copies of the laboratory analytical report and completed chain-of-custody forms are included in Appendix C.

Several metals were reported at concentrations above their respective detection limits in groundwater sample OS-MW-1 and the duplicate sample OS-MW-1A. These concentrations are listed on Table 4 and copies of the laboratory analytical report and completed chain-of-custody forms are included in Appendix C.

Groundwater laboratory analytical results were compared to the maximum contaminant levels (MCLs) listed in the SCDHEC *Code of Regulations, Chapter 61-58, State Primary Drinking Water Regulations*. The reported concentrations of 1,1-Dichloroethene in samples DPT-1-50-GW (17 micrograms per liter ($\mu\text{g/L}$)), DPT-2-64-GW (450 $\mu\text{g/L}$), OS-MW-1 (8.2 $\mu\text{g/L}$), and the duplicate sample OS-MW-1A (7.6 $\mu\text{g/L}$) exceed the MCL of 7.0 $\mu\text{g/l}$. The reported concentrations of PCE in samples DPT-2-64-GW (30 $\mu\text{g/L}$), OS-MW-1 (14 $\mu\text{g/L}$), and the duplicate sample OS-MW-1A (13 $\mu\text{g/L}$) exceed the MCL of 5.0 $\mu\text{g/l}$. The reported concentration of TCE in sample DPT-2-64-GW (7.5 $\mu\text{g/L}$) exceeds the MCL of 5.0 $\mu\text{g/l}$. The concentrations reported in OS-MW-1 and duplicate OS-MW-1A for aluminum (580 $\mu\text{g/l}$ and 2800 $\mu\text{g/l}$), iron (490 $\mu\text{g/l}$ and 2500 $\mu\text{g/l}$), and manganese (92 $\mu\text{g/l}$ and 110 $\mu\text{g/l}$) exceed the secondary MCLs of 200 $\mu\text{g/l}$, 300 $\mu\text{g/l}$, and 50 $\mu\text{g/l}$, respectively.

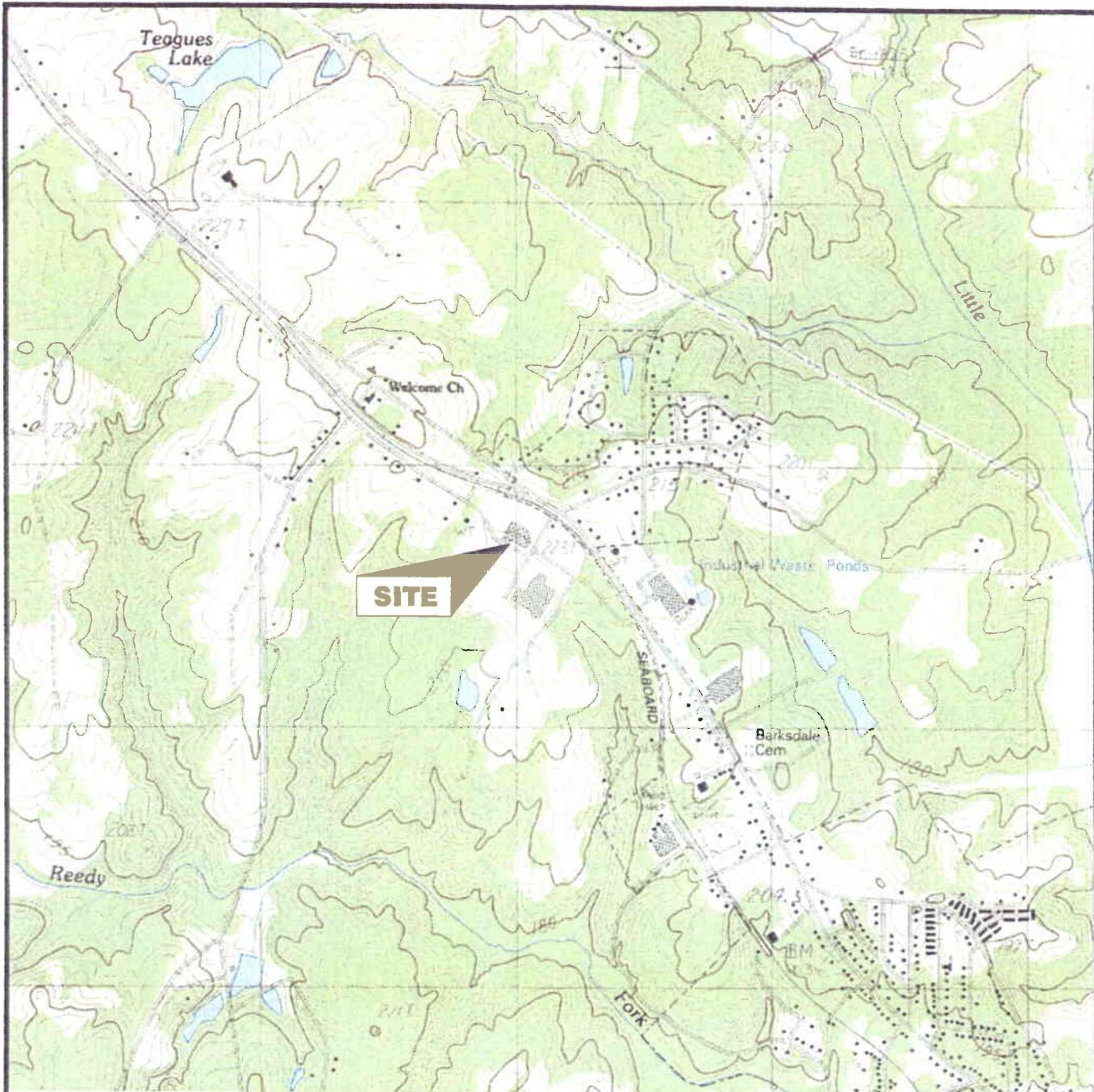
7.0 CONCLUSIONS AND RECOMMENDATIONS

The VOC concentrations reported in soil samples collected during this assessment are below residential and industrial PRGs. Only the PCE concentration of 0.17 mg/kg reported in sample BL-2-10 slightly exceeds the SSL of 0.06 mg/kg. The antimony and chromium concentrations reported in soil samples

collected during this assessment are below residential and industrial PRGs. The antimony and chromium concentrations slightly exceed the SSLs. The iron concentrations reported in soil samples collected during this assessment are below the industrial PRG, but exceed the residential PRG. Antimony, chromium, and iron are naturally occurring metals in soils in the Piedmont region of South Carolina. Groundwater was measured in monitoring well OS-MW-1 at a depth of 22.14 below ground surface. The ground surface in the area of soil sample BL-2-10 is covered with a concrete floor which is 4 inches thick. The reported VOC and metals concentrations do not indicate a source of contamination in the areas sampled. Based on these concentrations and the above site conditions, S&ME recommends no additional soil sampling at the site at this time.

Concentrations of 1,1-Dichloroethene, PCE, and TCE reported in groundwater samples collected during this assessment exceed the MCLs. According to the *Groundwater Assessment Report for the Plant 1 and Closed Landfill Areas* (Weston Solutions, Inc., March 2003), 1,1 Dichloroethene was reported in monitoring wells MW-11 (210 µg/L), MW-12 (510 µg/L), and MW-13 (740 µg/L); PCE was reported in monitoring wells MW-11 (8.9 µg/L), MW-12 (14 µg/L), and MW-13 (4.8 µg/L); and TCE was reported in monitoring wells MW-11 (7.7 µg/L), MW-12 (12 µg/L), and MW-13 (12 µg/L). Monitoring wells MW-11, MW-12, and MW-13 are located south of Plant 1. These concentrations are similar to or slightly higher than the concentrations reported during this assessment. Reported concentrations of aluminum, iron, and manganese in monitoring well OS-MW-1 exceed the MCLs. These metals are naturally occurring metals in soils in the Piedmont region of South Carolina. The reported VOC and metals concentrations during this assessment do not indicate a source of contamination in the areas sampled. Based on these concentrations, S&ME recommends no additional groundwater sampling at the site at this time.

The observations, findings, and results of the samples collected during this assessment are applicable and representative of conditions encountered at the subject property on the dates of this assessment. These findings and results may not represent conditions at the subject site at a later date.



SCALE



0 2000

FEET

SOURCE: USGS TOPOGRAPHIC MAP, 7.5 MINUTE SERIES
LAURENS NORTH, SOUTH CAROLINA QUADRANGLE

N



SCALE:	AS SHOWN
CHECKED BY:	<i>SED</i>
DRAWN BY:	SB
DATE:	09-28-06



SITE LOCATION MAP	
FORMER CERAMTEC PLANT 1	
STATE HIGHWAY 14	
LAURENS, SOUTH CAROLINA	
JOB NO:	1267-06-669

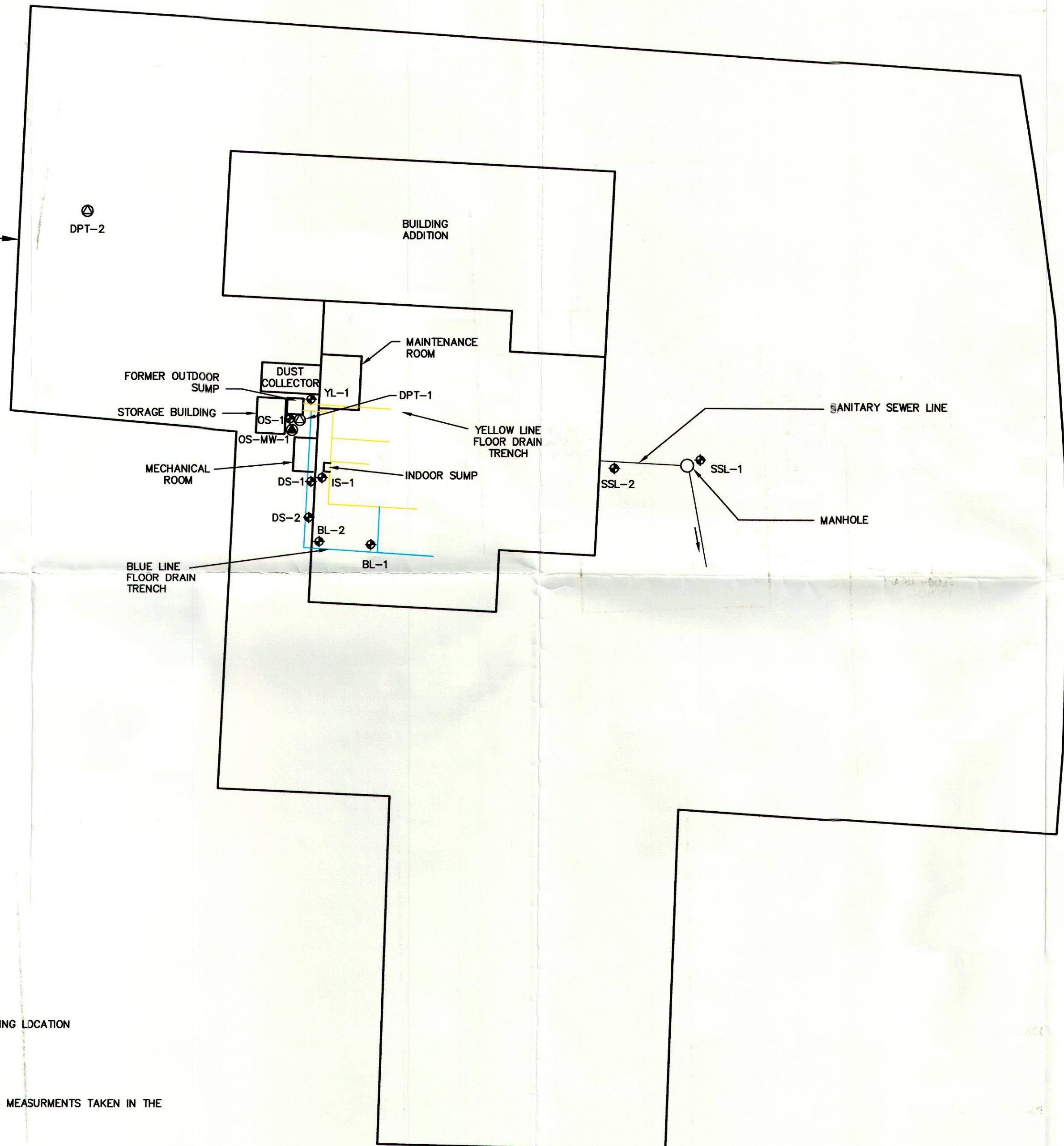
FIGURE NO:
1



SOUTH CAROLINA HIGHWAY 14
LAURENS, SOUTH CAROLINA

**SOIL AND GROUNDWATER SAMPLING LOCATIONS
FORMER CERAMTEC – PLANT 1**

PROPERTY BOUNDARY



LEGEND

- PERMANENT MONITORING WELL
- DIRECT-PUSH GROUNDWATER SAMPLING LOCATION
- ◆ SOIL SAMPLING LOCATION

NOTE: SAMPLE LOCATIONS ESTIMATED FROM MEASUREMENTS TAKEN IN THE FIELD BY S&ME PERSONNEL

APPROX. SCALE
0 60 FEET

DRAWN BY:	CHECKED BY:
S. BROCK	S. DACUS
DESIGNED BY:	APPROVED BY:
NAME	NAME
PROJECT NUMBER	
1267-06-669	
SCALE:	DATE:
AS SHOWN	10-17-2006
DRAWING:	OF:
2	2

50946 (A91)

TABLE 1

SUMMARY OF LABORATORY ANALYTICAL DATA
VOCs AND PCBs - SOIL
FORMER CERAMTEC - PLANT 1
LAURENS, SOUTH CAROLINA
S&ME PROJECT NO. 1267-06-669

COMPOUND	BL-1-10	BL-2-2	BL-2-10	IS-1-5	IS-1-10	OS-1-1	OS-1-1A	DS-2-1	ERB-SS	SSL	PRG	PRG
											Residential	Industrial
1,1 DICHLOROETHENE	0.005	<0.0010	<0.0014	<0.0012	<0.0013	<0.0012	<0.0012	<0.0012	<1.0	0.06	120	410
TETRACHLOROETHENE	0.025	0.024	0.17	0.0022	0.0024	<0.0013	0.0026	0.002	<1.0	0.06	1.5	3.4
TRICHLOROETHENE	0.002	<0.0010	<0.0014	<0.0012	<0.0012	<0.0013	<0.0012	<0.0012	<1.0	0.06	0.053	0.11
PCB 1260	NA	<0.017	NA	NA	NA	0.15	0.03	NA	<0.50	NE	0.22	0.74

VOCs - volatile organic compounds

PCBs - polychlorinated biphenyls

SSL - soil screening level; migration to groundwater, dilution attenuation factor 20, US EPA Region 9, 10/01/02

PRG - preliminary remediation goals, US EPA Region 9, 10/01/02

ERB-SS is an equipment rinseate blank

indicates metal exceeds SSL and/or PRG

Note: soil results expressed in milligrams per kilogram (mg/kg); ERB-SS results expressed in micrograms per liter (µg/l)

TABLE 2

SUMMARY OF LABORATORY ANALYTICAL DATA
METALS - SOIL
FORMER CERAMTEC - PLANT 1
LAURENS, SOUTH CAROLINA
S&ME PROJECT NO. 1267-06-669

METALS	BL-2-2	YL-1-2	OS-1-1	OS-1-1A (DUPLICATE)	OS-1-12	SSL-1-16	SSL-2-6	ERB-SS	SSL - Migration to Groundwater DAF 20	PRG Residential	PRG Industrial
ALUMINUM	3,700	10,000	9,400	9,200	6,100	9,600	7,400	570	NE	76,000	100,000
ANTIMONY	1.1	5.0	7.2	13	10	7.7	9.1	<10	5.0	31	410
ARSENIC	<1.0	<1.2	<2.6	<5.8	<206	<1.3	<2.7	<20	29	0.39	1.6
BARIUM	29	64	320	160	9.9	38	110	28	1,600	5,400	67,000
BERYLLIUM	<0.51	<0.61	<0.26	<0.58	<0.26	<0.13	<0.27	<2.0	63	150	1,900
CADMIUM	0.42	2.4	2.7	4.9	3.5	2.6	3.6	<5.0	8.0	37	450
CALCIUM	200	1100	900	540	530	1600	230	19,000	NE	NE	NE
CHROMIUM	8.7	79	150	320	190	150	120	<10	38	210	450
COBALT	2.8	6.9	9.5	11	3.2	37	3.7	<10	NE	900	1,900
COPPER	1.6	13	13	26	20	24	14	<20	NE	3,100	41,000
IRON	3,700	29,000	33,000	61,000	44,000	32,000	46,000	480	NE	23,000	100,000
LEAD	3.9	19	25	28	20	18	36	7.9	NE	400	750
MAGNESIUM	1,000	440	260	1800	180	500	80	5200	NE	NE	NE
MANGANESE	130	130	1400	340	30	340	320	72	NE	1,800	19,000
NICKEL	4.4	28	52	99	48	55	52	<20	NE	NE	NE
POTASSIUM	880	430	270	1600	60	420	160	2100	NE	NE	NE
SELENIUM	<1.0	<1.2	<2.6	<5.8	<2.6	<6.6	<2.7	<20	5.0	390	5,100
SILVER	<2.6	<3.1	<1.3	<2.9	1.3	1.0	1.5	<10	34	390	5,100
SODIUM	490	520	<32	<29	<32	<33	<34	11,000	NE	NE	NE
THALLIUM	<5.1	<1.2	<2.6	<5.8	<2.6	<6.6	<2.7	<20	NE	5.2	67
VANADIUM	11	70	80	130	110	120	75	10	6,000	550	7,200
ZINC	9.8	3.6	5.8	<8.7	<3.9	8.5	13	180	12,000	23,000	100,000
MERCURY	<0.020	0.025	<0.026	<0.023	<0.026	<0.026	<0.027	<0.20	NE	23	310
CYANIDE	<0.26	<0.31	<0.32	<0.29	<0.32	<0.33	<0.34	<5.0	NE	1,200	12,000

SSL - Soil Screening Level

PRG - Preliminary Remediation Goals, EPA Region IX, October 01, 2002

DAF - dilution attenuation factor

NE - not established

indicates metal exceeds SSL and/or PRG

Note: results expressed in milligrams per kilogram (mg/kg)
 ERB-SS is an equipment rinsate blank, results expressed in micrograms per liter ($\mu\text{g/L}$)

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL DATA
VOCS - GROUNDWATER
FORMER CERAMTEC - PLANT 1
LAURENS, SOUTH CAROLINA
S&ME PROJECT NO. 1267-06-669

VOCATIVES	DPT-1-50-GW	DPT-2-64-GW	OS-MW-1 (DUPLICATE)	OS-MW-1A BLANK	TRIP BLANK	ERB-GW	TW BLANK	MCL
1,1-DICHLOROETHANE	3.7	170	4.1	3.4	<1.0	<1.0	<1.0	NE
1,2-DICHLOROETHANE	<1.0	2.1	<1.0	<1.0	<1.0	<1.0	<1.0	5.0
1,1-DICHLOROETHENE	17	450	8.2	7.6	<1.0	<1.0	<1.0	7.0
CIS-1,2-DICHLOROETHENE	<1.0	9.1	<1.0	<1.0	<1.0	<1.0	<1.0	70
TETRACHLOROETHENE	4.3	30	14	13	<1.0	<1.0	<1.0	5.0
TRICHLOROETHENE	1.5	7.5	<1.0	<1.0	<1.0	<1.0	<1.0	5.0
1,1,1-TRICHLOROETHANE	1.3	1.1	5.5	5.5	<1.0	<1.0	<1.0	200
1,1,2-TRICHLOROETHANE	<1.0	3.2	<1.0	<1.0	<1.0	<1.0	<1.0	5.0
VINYL CHLORIDE	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	2.0

MCL - maximum contaminant level, SCDHEC R.61-58 State Primary Drinking Water Regulation (9/26/03)
 NE - not established

 indicates concentration exceeds MCL
 Note: results expressed in micrograms per liter (ug/L)

TABLE 4

SUMMARY OF LABORATORY ANALYTICAL DATA
 METALS - GROUNDWATER
 FORMER CERAMTEC - PLANT 1
 LAURENS, SOUTH CAROLINA
 S&ME PROJECT NO. 1267-06-669

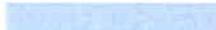
METALS	OS-MW-1	OS-MW-1A (DUPLICATE)	ERB-GW	TW BLANK	EQUIP BLANK	MCL
ALUMINUM	580	2,800	<100	<100	<100	50-200*
ANTIMONY	<10	<10	<10	<10	<5.0	6.0
ARSENIC	<20	<20	<20	<20	<10	10
BARIUM	34	47	<5.0	<5.0	<5.0	2000
BERYLLIUM	<2.0	<2.0	<2.0	<2.0	<2.0	4.0
CADMIUM	<5.0	<5.0	<5.0	<5.0	<5.0	5.0
CALCIUM	1,500	1,600	<500	<500	<500	NE
CHROMIUM	<10	<10	<10	<10	<10	100
COBALT	<10	<10	<10	<10	<10	NE
COPPER	<20	<20	<20	<20	<10	1000*
IRON	490	2,500	<100	<100	<50	300*
LEAD	<5.0	<5.0	<5.0	<5.0	<5.0	NE
MAGNESIUM	1,500	1,800	<100	<100	<100	NE
MANGANESE	92	110	<10	<10	<10	50*
NICKEL	25	29	<20	<20	<10	NE
POTASSIUM	2,200	2,400	<500	<500	<500	NE
SELENIUM	<20	<20	<20	<20	<10	50
SILVER	<10	<10	<10	<10	<5.0	100*
SODIUM	5,200	5,200	740	<500	<500	NE
VANADIUM	<10	<10	<10	<10	<10	NE
ZINC	37	50	<30	<30	<30	5000*
CYANIDE	<5.0	<5.0	<5.0	NA	<4.5	200
THALLIUM	<20	<20	<20	<20	<1.0	2.0
MERCURY	<0.20	<0.20	<0.20	<0.20	<0.20	2.0

MCL - maximum contaminant level, SCDHEC R.61-58 State Primary Drinking Water Regulation (9/26/03)

NE - not established

NA - not analyzed

* - Secondary MCL

 indicates concentration exceeds MCL

Note: results expressed in micrograms per liter (ug/L)

APPENDIX A

LOG OF BORINGS
AND
COMPLETION REPORT OF WELL

BORING LOG FOR BL-1

PROJECT: Former Ceramtec Plant 1

PROJECT NO: 1267-06-669

PROJECT LOCATION: Laurens, South Carolina

WATER LEVEL: not encountered

DATE COMPLETED: 10/4/06

GROUND SURFACE ELEVATION:

DATUM: TBM

DRILLING CONTRACTOR: Probe Technology

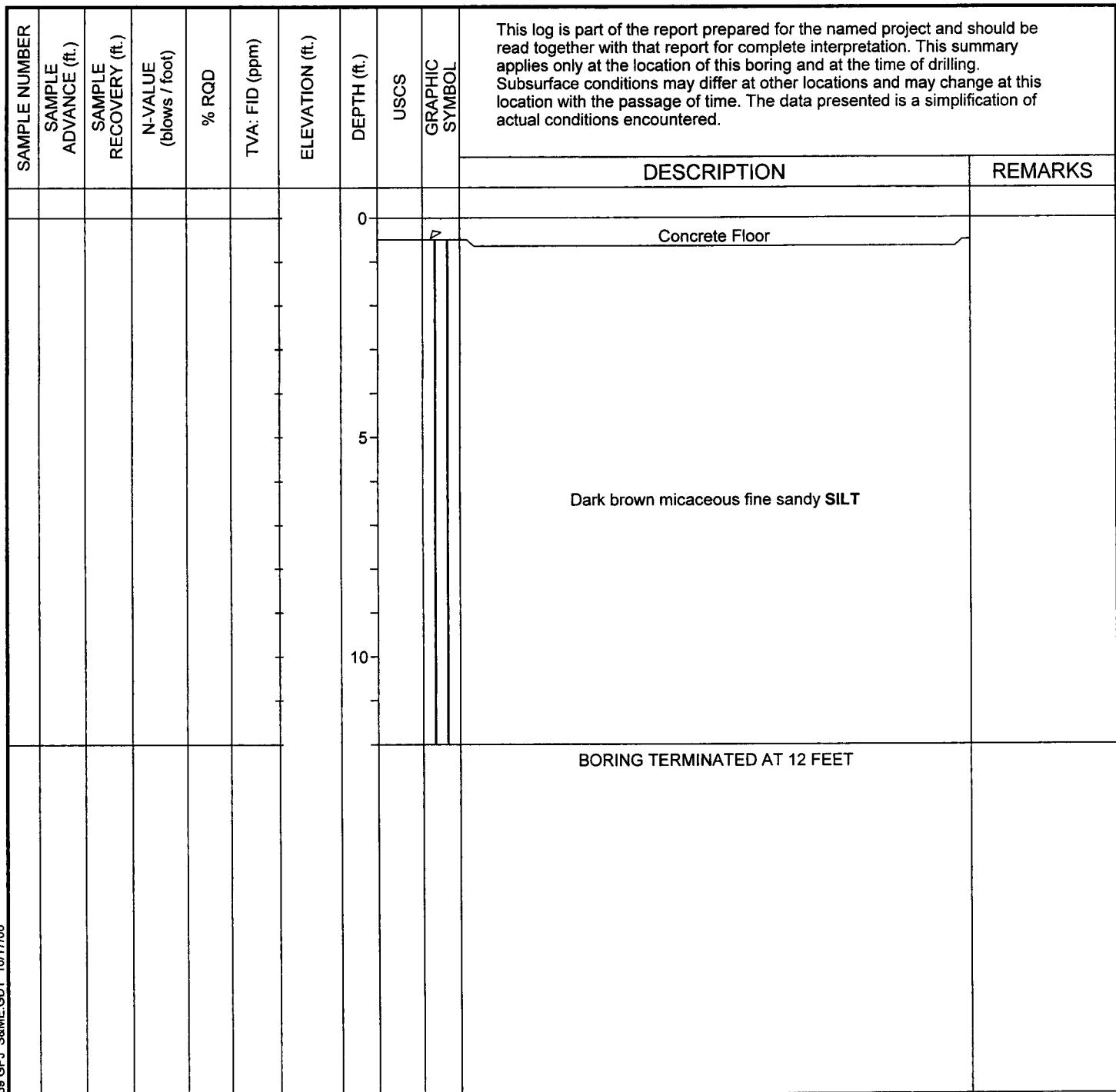
WEATHER: Sunny, Warm

DRILLER: A. Burney (Certification #1415)

LOGGED BY: Scott Dacus

DRILLING METHOD: Direct Push

SAMPLING METHOD: Continuous



NOTES:

LOG OF BORING BL-1

BORING LOG FOR BL-2

PROJECT: **Former Ceramtec Plant 1**

PROJECT NO: **1267-06-669**

PROJECT LOCATION: **Laurens, South Carolina**

WATER LEVEL: **not encountered**

DATE COMPLETED: **10/4/06**

GROUND SURFACE ELEVATION:

DATUM: **TBM**

DRILLING CONTRACTOR: **Probe Technology**

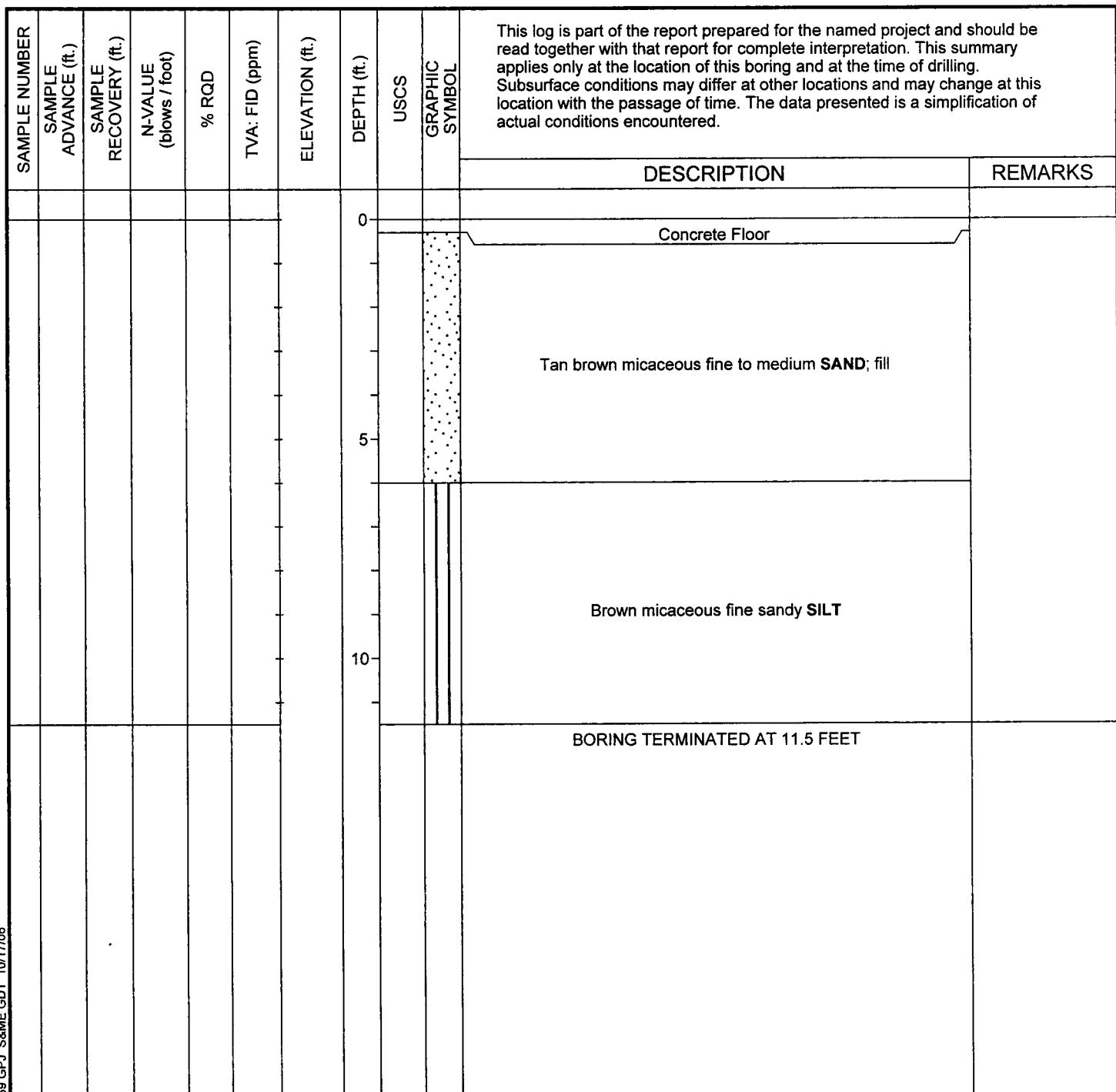
WEATHER: **Sunny, Warm**

DRILLER: **A. Burney (Certification #1415)**

LOGGED BY: **Scott Dacus**

DRILLING METHOD: **Direct Push**

SAMPLING METHOD: **Continuous**



NOTES:

LOG OF BORING BL-2

BORING LOG FOR IS-1

PROJECT: **Former Ceramtec Plant 1**
 PROJECT NO: **1267-06-669**
 PROJECT LOCATION: **Laurens, South Carolina**

WATER LEVEL: **not encountered**

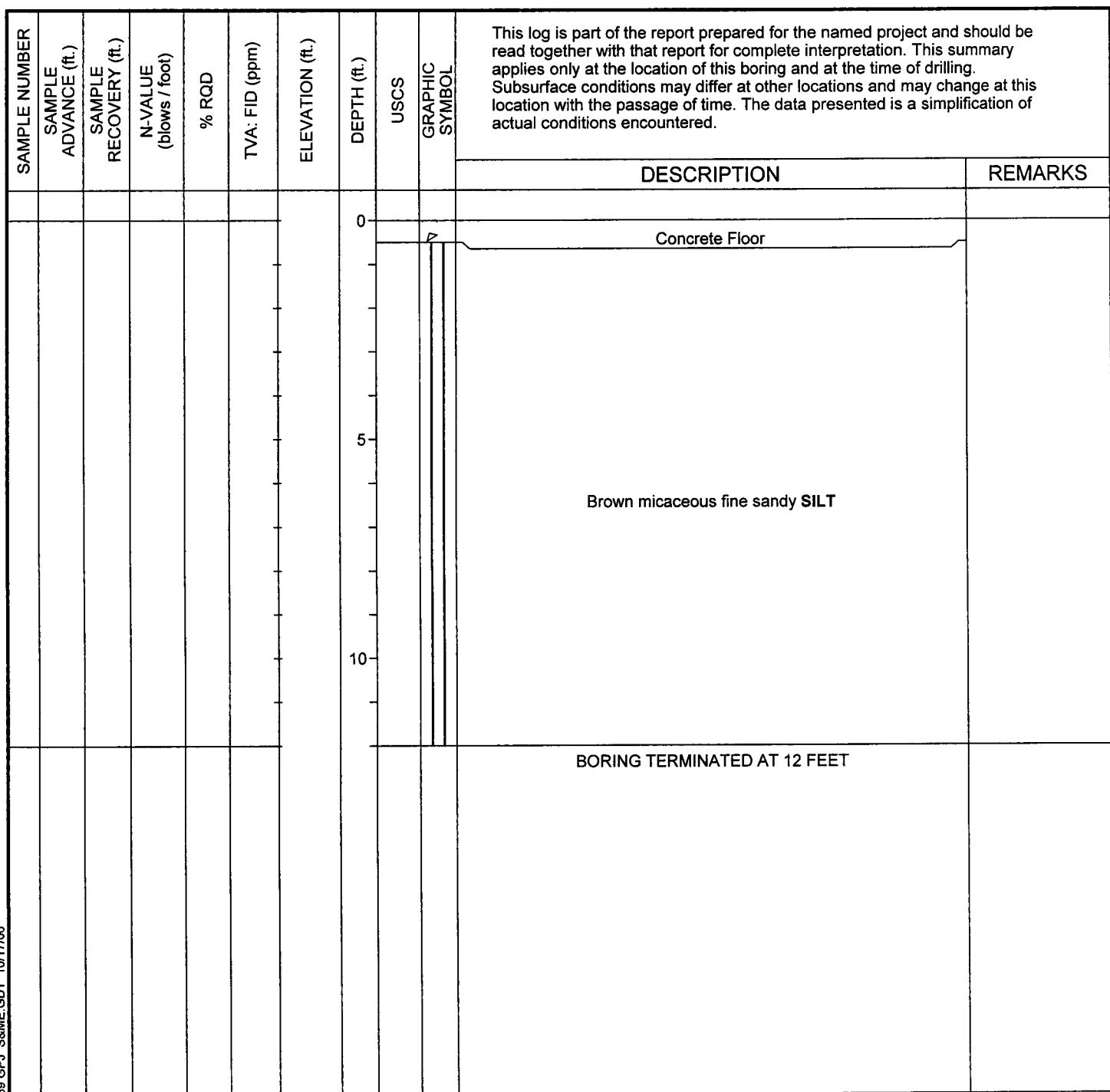
DATE COMPLETED: **10/4/06**
 DRILLING CONTRACTOR: **Probe Technology**
 DRILLER: **A. Burney (Certification #1415)**
 DRILLING METHOD: **Direct Push**
 SAMPLING METHOD: **Continuous**

GROUND SURFACE ELEVATION:

DATUM: **TBM**

WEATHER: **Sunny, Warm**

LOGGED BY: **Scott Dacus**



NOTES:



LOG OF BORING IS-1

BORING LOG FOR YL-1

PROJECT: **Former Ceramtec Plant 1**

PROJECT NO: **1267-06-669**

PROJECT LOCATION: **Laurens, South Carolina**

WATER LEVEL: **not encountered**

DATE COMPLETED: **10/4/06**

GROUND SURFACE ELEVATION:

DATUM: **TBM**

DRILLING CONTRACTOR: **Probe Technology**

WEATHER: **Sunny, Warm**

DRILLER: **A. Burney (Certification #1415)**

LOGGED BY: **Scott Dacus**

DRILLING METHOD: **Direct Push**

SAMPLING METHOD: **Continuous**

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	N-VALUE (blows /foot)	% RQD	TVA: FID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION		REMARKS
						0						
							5					
							10					
										Brown micaceous fine sandy SILT		
										BORING TERMINATED AT 12 FEET		

NOTES:

BORING LOG FOR OS-1

PROJECT: **Former Ceramtec Plant 1**

PROJECT NO: **1267-06-669**

PROJECT LOCATION: **Laurens, South Carolina**

WATER LEVEL: **not encountered**

DATE COMPLETED: **10/4/06**

GROUND SURFACE ELEVATION:

DATUM: **TBM**

DRILLING CONTRACTOR: **Probe Technology**

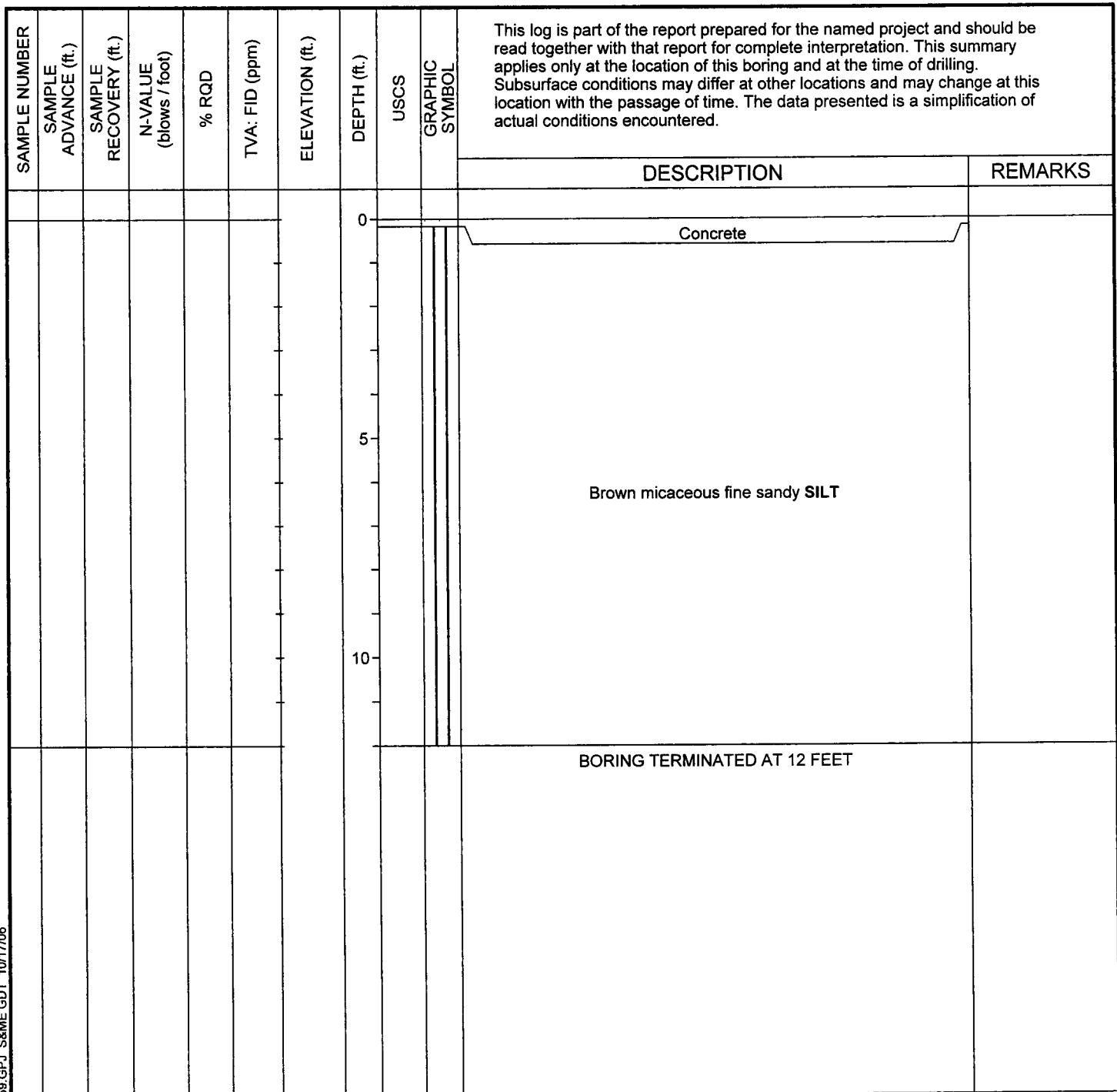
WEATHER: **Sunny, Warm**

DRILLER: **A. Burney (Certification #1415)**

LOGGED BY: **Scott Dacus**

DRILLING METHOD: **Direct Push**

SAMPLING METHOD: **Continuous**



NOTES:

LOG OF BORING OS-1

BORING LOG FOR DS-1

PROJECT: **Former Ceramtec Plant 1**
 PROJECT NO: **1267-06-669**
 PROJECT LOCATION: **Laurens, South Carolina**
 DATE COMPLETED: **10/4/06**
 DRILLING CONTRACTOR: **Probe Technology**
 DRILLER: **A. Burney (Certification #1415)**
 DRILLING METHOD: **Direct Push**
 SAMPLING METHOD: **Continuous**
 GROUND SURFACE ELEVATION:
 DATUM: **TBM**
 WEATHER: **Sunny, Warm**
 LOGGED BY: **Scott Dacus**

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	N-VALUE (blows / foot)	% RQD	TVA: FID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION		REMARKS
										0	Brown micaceous fine sandy SILT	
											BORING TERMINATED AT 1 FOOT	

NOTES:

LOG OF BORING DS-1

BORING LOG FOR DS-2

PROJECT: **Former Ceramtec Plant 1**
 PROJECT NO: **1267-06-669**
 PROJECT LOCATION: **Laurens, South Carolina**

WATER LEVEL: **not encountered**

DATE COMPLETED: **10/4/06**
 DRILLING CONTRACTOR: **Probe Technology**
 DRILLER: **A. Burney (Certification #1415)**
 DRILLING METHOD: **Direct Push**
 SAMPLING METHOD: **Continuous**

GROUND SURFACE ELEVATION:

DATUM: **TBM**
 WEATHER: **Sunny, Warm**
 LOGGED BY: **Scott Dacus**

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	N-VALUE (blows / foot)	% RQD	TVA: FID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION		REMARKS
										DESCRIPTION	REMARKS	
						0				Brown micaceous fine sandy SILT		
										BORING TERMINATED AT 1 FOOT		

NOTES:

BORING LOG FOR SSL-1

PROJECT: **Former Ceramtec Plant 1**
 PROJECT NO: **1267-06-669**
 PROJECT LOCATION: **Laurens, South Carolina**

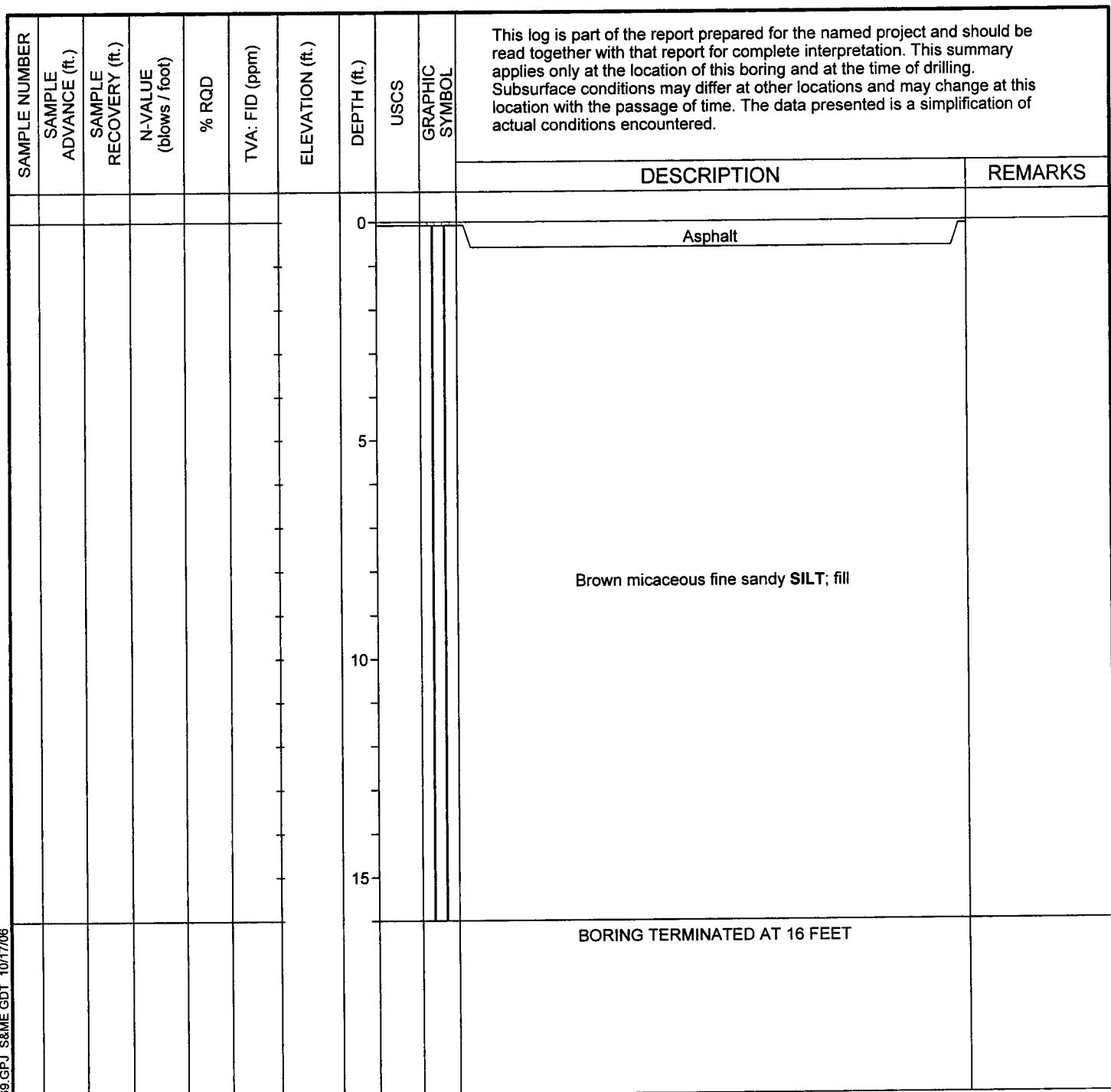
WATER LEVEL: **not encountered**

DATE COMPLETED: **10/4/06**
 DRILLING CONTRACTOR: **Probe Technology**
 DRILLER: **A. Burney (Certification #1415)**
 DRILLING METHOD: **Direct Push**
 SAMPLING METHOD: **Continuous**

GROUND SURFACE ELEVATION:

DATUM: **TBM**

WEATHER: **Sunny, Warm**
 LOGGED BY: **Scott Dacus**



NOTES:

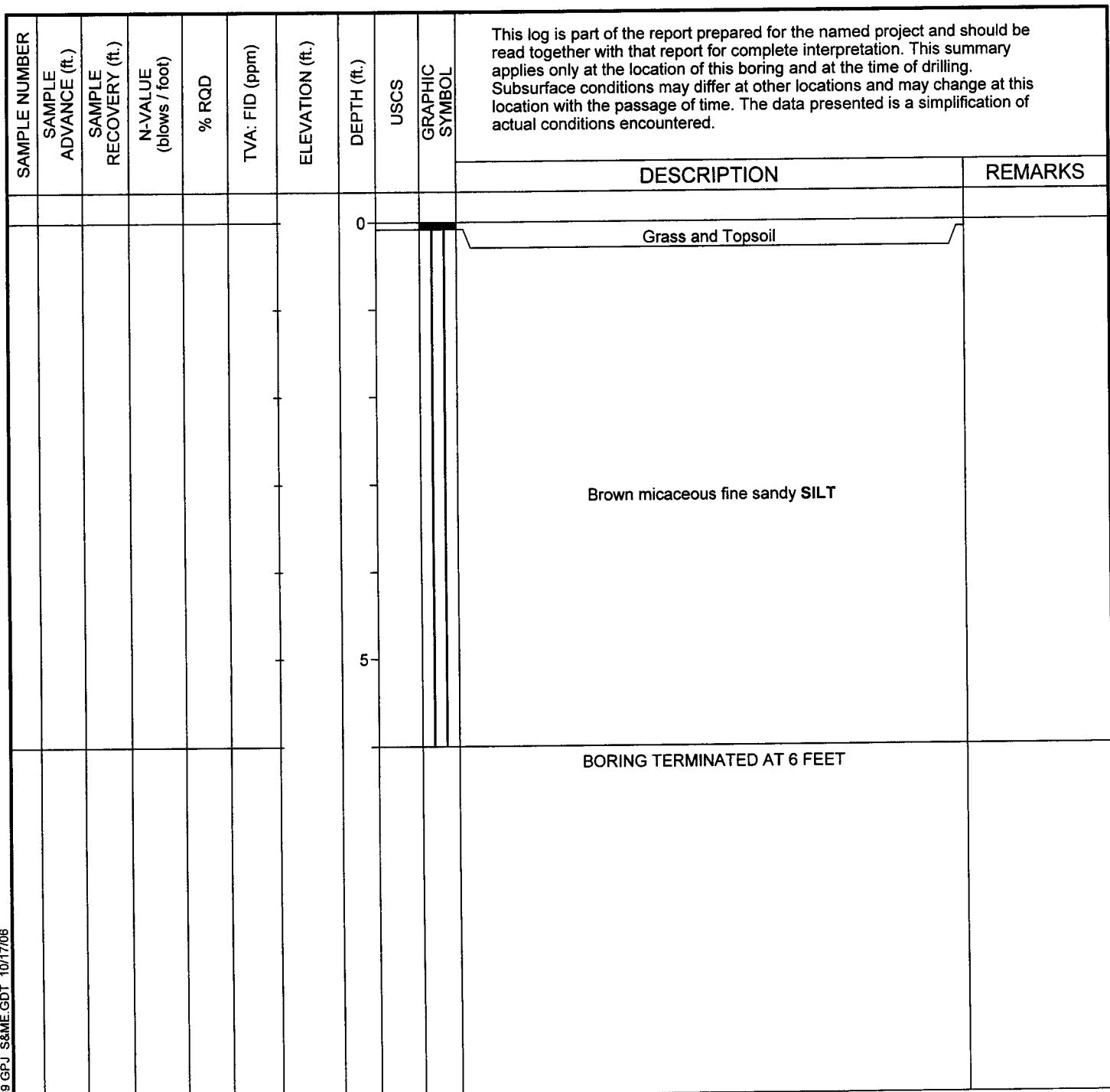
BORING LOG FOR SSL-2

PROJECT: **Former Ceramtec Plant 1**
 PROJECT NO: **1267-06-669**
 PROJECT LOCATION: **Laurens, South Carolina**

WATER LEVEL: **not encountered**

DATE COMPLETED: **10/4/06**
 DRILLING CONTRACTOR: **Probe Technology**
 DRILLER: **A. Burney (Certification #1415)**
 DRILLING METHOD: **Direct Push**
 SAMPLING METHOD: **Continuous**

GROUND SURFACE ELEVATION:
 DATUM: **TBM**
 WEATHER: **Sunny, Warm**
 LOGGED BY: **Scott Dacus**

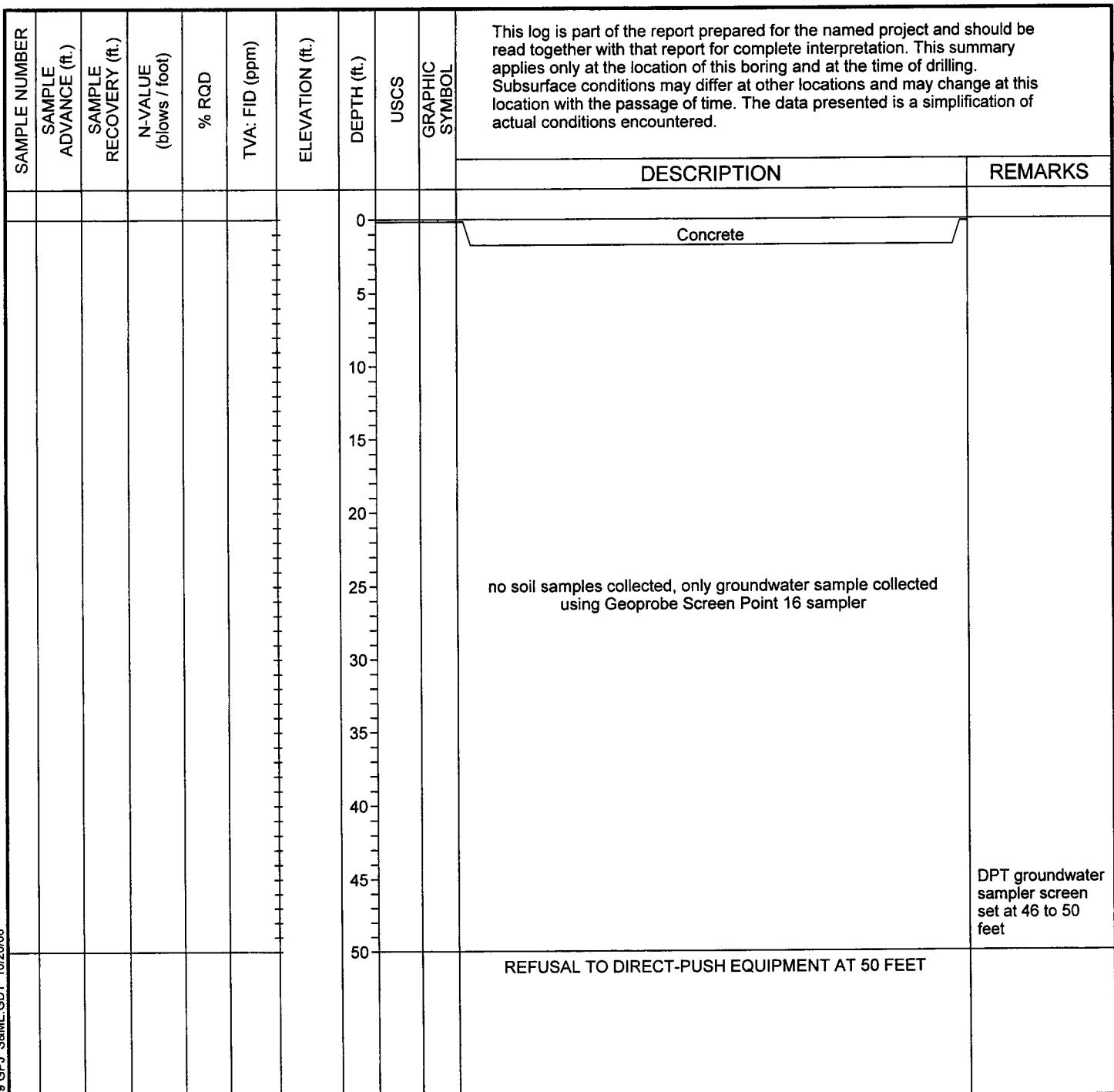


NOTES:

LOG OF BORING SSL-2

BORING LOG FOR DPT-1

PROJECT: **Former Ceramtec Plant 1**
 PROJECT NO: **1267-06-669**
 PROJECT LOCATION: **Laurens, South Carolina**
 DATE COMPLETED: **10/5/06**
 DRILLING CONTRACTOR: **Probe Technology**
 DRILLER: **T. White (Certification #1810D)**
 DRILLING METHOD: **Direct Push**
 SAMPLING METHOD: **Screen Point 16 Sampler**
 GROUND SURFACE ELEVATION:
 DATUM: **TBM**
 WEATHER: **Sunny, Warm**
 LOGGED BY: **Scott Dacus**



NOTES:



LOG OF BORING DPT-1

BORING LOG FOR DPT-2

PROJECT: **Former Ceramtec Plant 1**
 PROJECT NO: **1267-06-669**
 PROJECT LOCATION: **Laurens, South Carolina**

WATER LEVEL: **not measured**

DATE COMPLETED: **10/5/06**
 DRILLING CONTRACTOR: **Probe Technology**
 DRILLER: **T. White (Certification #1810D)**
 DRILLING METHOD: **Direct Push**
 SAMPLING METHOD: **Screen Point 16 Sampler**

GROUND SURFACE ELEVATION:

DATUM: **TBM**
 WEATHER: **Sunny, Warm**
 LOGGED BY: **Scott Dacus**

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	N-VALUE (blows/foot)	% RQD	TVA: FID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION		REMARKS
										DESCRIPTION	REMARKS	
							0			Asphalt		
							5					
							10					
							15					
							20					
							25					
							30					
							35			no soil samples collected, only groundwater sample collected using Geoprobe Screen Point 16 sampler		
							40					
							45					
							50					
							55					
							60					
											DPT groundwater sampler screen set at 60 to 64 feet	
										REFUSAL TO DIRECT-PUSH EQUIPMENT AT 64 FEET		

NOTES:

LOG OF BORING DPT-2

BORING LOG FOR OS-MW-1

PROJECT: **Former Ceramtec Plant 1**
 PROJECT NO: **1267-06-669**
 PROJECT LOCATION: **Laurens, South Carolina**

WATER LEVEL: **26 at TOB**

DATE COMPLETED: **10/5/06**
 DRILLING CONTRACTOR: **Probe Technology**
 DRILLER: **T. White (Certification #1810D)**
 DRILLING METHOD: **HSA**
 SAMPLING METHOD: **Cuttings**

GROUND SURFACE ELEVATION:

DATUM: **TBM**
 WEATHER: **Sunny, Warm**
 LOGGED BY: **Scott Dacus**

SAMPLE NUMBER	SAMPLE ADVANCE (ft.)	SAMPLE RECOVERY (ft.)	N-VALUE (blows / foot)	% RQD	TVA: FID (ppm)	ELEVATION (ft.)	DEPTH (ft.)	USCS	GRAPHIC SYMBOL	DESCRIPTION		REMARKS
										DESCRIPTION	REMARKS	
							0			Concrete		
							5					
							10					
							15					
							20					
							25					
							30					
							35			BORING TERMINATED AT 35 FEET		
NOTES:												
 S&ME ENGINEERING • TESTING ENVIRONMENTAL SERVICES												
LOG OF BORING OS-MW-1												
Sheet 1 of 1												

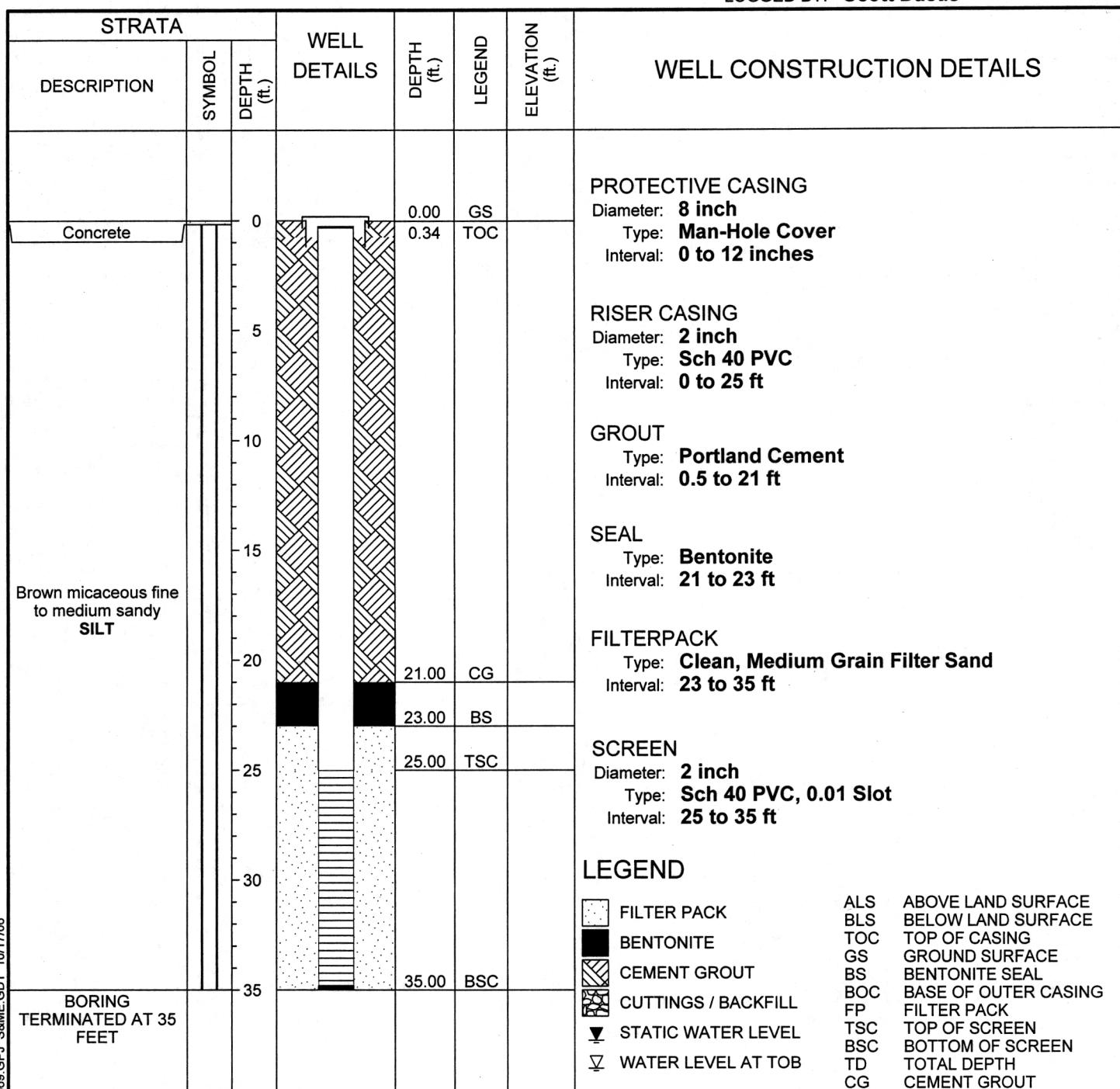
WELL COMPLETION REPORT FOR OS-MW-1

PROJECT: **Former Ceramtec Plant 1**
 PROJECT NO: **1267-06-669**
 PROJECT LOCATION: **Laurens, South Carolina**

WATER LEVEL: **26 at TOB**

DRILLING CONTRACTOR: **Probe Technology**
 DRILLING METHOD: **HSA**
 DATE COMPLETED: **10/5/06**

LATITUDE: **W82° 02' 45.15"**
 LONGITUDE: **N 34° 31' 30.26"**
 TOP OF CASING ELEVATION: **Not Surveyed**
 DATUM: **TBM**
 LOGGED BY: **Scott Dacus**



APPENDIX B

SAMPLE COLLECTION SUMMARY SHEET

**SAMPLE COLLECTION
SUMMARY SHEET**



General

1. Job Name: Former Ceramtec Plant 1 2. Project No.: 1Z67-06-669
 3. Sampled By: L. LOWERY / S. DACUS 4. Weather: SUNNY, WARM
 5. Location: LAURENS, SC 6. Well #: OS-MW-1
 7. Well Condition: NEW 8. Personnel Present:

Water Level Information:

1. Date: 10/6/06 2. Time: 1305 3. State Water Level: 22.14 Ft. Below M.P.
 4. Description of Measuring Point (M.P.): TOP OF PVC CASING
 5. Height of M.P. above/below (Circle) Land Surface:
 6. Method of Water Level Measurement: SOLinst WATER LEVEL METER

Evacuation Procedure (Wells):

1. Date: 10/6/06 2. Time Evacuation Started: _____ 3. Time Evacuation Finished: _____
 4. Method of Evacuation: _____ 5. Total Well Depth: 35.12 Ft. Below M.P.
 6. Casing Diameter (D): _____ Inches 7. HT. of water column (H - Well Depth - Water Level): _____ Ft
 8. Volume of Water in Well ($0.041D^2H$) = _____ X _____ = _____ Gallons
 (Well Volume X # Volumes = Total Gallons Purged)
 9. Decontamination Procedure: _____

Meter Calibration:

Buffer pH 7.0 <u>7.0</u>	Actual	Buffer pH 4.0 or 10.0 _____	Actual	Standard	Cond: _____	Actual
--------------------------	--------	-----------------------------	--------	----------	-------------	--------

Record of Well Evacuation

Vol. Purged (Cummul. Gals)	<u>SAMPLE COLLECTED</u>					
Water Temperature (F)(C)	<u>72.0</u>					
pH (Standard Units)	<u>5.71</u>					
Specific Cond. (M/MHOS) (PPM)	<u>600</u>					
Turbidity (Subjective)	<u>Low</u>					
Odor (Subjective)	<u>NONE</u>					
Other:						

Sampling Information

1. Date: 10/6/06 2. Time: 1310 3. Sample Containers (Number/Size/Type): 3-40 ml vials
 4. Analyses requested: VOCs, SVOCs, TOTAL METALS 5. Samples Filtered: NO 6. Filtration Equipment:
 7. Samples Preserved: YES 8. Preservative: HCl & HNO3 9. Lab Performing Analyses: ENVIRONMENTAL SCIENCE 10. Sample Type: Well ✓; Stream _____
 Remarks: Well not purged since development was performed ~ 24 hrs prior

APPENDIX C

**LABORATORY ANALYTICAL DATA
AND
CHAIN OF CUSTODY FORMS**



ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859
Tax I.D. 62-0814289

Est. 1970

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

Report Summary

Thursday October 12, 2006

Report Number: L264053

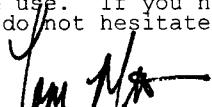
Samples Received: 10/05/06

Client Project: 1267-06-669

Description: Former Cermtec Plant 1

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Reviewed By:


Tom Mellette, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910



ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : BL-1-2
Collected By : Scott Dacus
Collection Date : 10/04/06 10:15

ESC Sample # : L264053-01

Site ID :

Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	85.4		%	2540G	10/12/06	1
Volatile Organics						
Acetone	BDL	0.058	mg/kg	8260B	10/11/06	1
Benzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromoform	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromomethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Carbon disulfide	BDL	0.0012	mg/kg	8260B	10/11/06	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chloroform	BDL	0.0058	mg/kg	8260B	10/11/06	1
Chloromethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dibromo-3-Chloropropane	BDL	0.0058	mg/kg	8260B	10/11/06	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	10/11/06	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	10/11/06	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	10/11/06	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	10/11/06	1
2-Hexanone	BDL	0.012	mg/kg	8260B	10/11/06	1
Methylene Chloride	BDL	0.0058	mg/kg	8260B	10/11/06	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	10/11/06	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	10/11/06	1
Naphthalene	BDL	0.0058	mg/kg	8260B	10/11/06	1
Styrene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Toluene	BDL	0.0058	mg/kg	8260B	10/11/06	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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Est. 1970

REPORT OF ANALYSIS

October 12, 2006

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

ESC Sample # : L264053-01

Date Received : October 05, 2006
Description : Former Cermtec Plant 1

Site ID :

Sample ID : BL-1-2

Project # : 1267-06-669

Collected By : Scott Dacus
Collection Date : 10/04/06 10:15

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Vinyl chloride	BDL	0.0012	mg/kg	8260B	10/11/06	1
Xylenes, Total	BDL	0.0035	mg/kg	8260B	10/11/06	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2,3-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Surrogate Recovery						
Toluene-d8	85.8		% Rec.	8260B	10/11/06	1
Dibromofluoromethane	88.4		% Rec.	8260B	10/11/06	1
4-Bromofluorobenzene	87.8		% Rec.	8260B	10/11/06	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.039	mg/kg	8270C	10/08/06	1
Acenaphthylene	BDL	0.039	mg/kg	8270C	10/08/06	1
Anthracene	BDL	0.039	mg/kg	8270C	10/08/06	1
Benzidine	BDL	0.39	mg/kg	8270C	10/08/06	1
Benzo(a)anthracene	BDL	0.039	mg/kg	8270C	10/08/06	1
Benzo(b)fluoranthene	BDL	0.039	mg/kg	8270C	10/08/06	1
Benzo(k)fluoranthene	BDL	0.039	mg/kg	8270C	10/08/06	1
Benzo(g,h,i)perylene	BDL	0.039	mg/kg	8270C	10/08/06	1
Benzo(a)pyrene	BDL	0.039	mg/kg	8270C	10/08/06	1
Bis(2-chlorethoxy)methane	BDL	0.39	mg/kg	8270C	10/08/06	1
Bis(2-chloroethyl)ether	BDL	0.39	mg/kg	8270C	10/08/06	1
Bis(2-chloroisopropyl)ether	BDL	0.39	mg/kg	8270C	10/08/06	1
4-Bromophenyl-phenylether	BDL	0.39	mg/kg	8270C	10/08/06	1
2-Chloronaphthalene	BDL	0.39	mg/kg	8270C	10/08/06	1
4-Chlorophenyl-phenylether	BDL	0.39	mg/kg	8270C	10/08/06	1
Chrysene	BDL	0.039	mg/kg	8270C	10/08/06	1
Dibenz(a,h)anthracene	BDL	0.039	mg/kg	8270C	10/08/06	1
3,3-Dichlorobenzidine	BDL	0.39	mg/kg	8270C	10/08/06	1
2,4-Dinitrotoluene	BDL	0.39	mg/kg	8270C	10/08/06	1
2,6-Dinitrotoluene	BDL	0.39	mg/kg	8270C	10/08/06	1
Fluoranthene	BDL	0.039	mg/kg	8270C	10/08/06	1
Fluorene	BDL	0.039	mg/kg	8270C	10/08/06	1
Hexachlorobenzene	BDL	0.39	mg/kg	8270C	10/08/06	1
Hexachloro-1,3-butadiene	BDL	0.39	mg/kg	8270C	10/08/06	1
Hexachlorocyclopentadiene	BDL	0.39	mg/kg	8270C	10/08/06	1
Hexachloroethane	BDL	0.39	mg/kg	8270C	10/08/06	1
Indeno(1,2,3-cd)pyrene	BDL	0.039	mg/kg	8270C	10/08/06	1
Isophorone	BDL	0.39	mg/kg	8270C	10/08/06	1
2-Methylnaphthalene	BDL	0.39	mg/kg	8270C	10/08/06	1
Naphthalene	BDL	0.039	mg/kg	8270C	10/08/06	1
Nitrobenzene	BDL	0.39	mg/kg	8270C	10/08/06	1
n-Nitrosodimethylamine	BDL	0.058	mg/kg	8270C	10/08/06	1
n-Nitrosodiphenylamine	BDL	0.39	mg/kg	8270C	10/08/06	1
n-Nitrosodi-n-propylamine	BDL	0.39	mg/kg	8270C	10/08/06	1

Results listed are dry weight basis.

BDL - Below Detection Limit

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REPORT OF ANALYSIS

October 12, 2006

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : BL-1-2
Collected By : Scott Dacus
Collection Date : 10/04/06 10:15

ESC Sample # : L264053-01

Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Phenanthrene	BDL	0.039	mg/kg	8270C	10/08/06	1
Benzylbutyl phthalate	BDL	0.39	mg/kg	8270C	10/08/06	1
Bis(2-ethylhexyl)phthalate	BDL	0.39	mg/kg	8270C	10/08/06	1
Di-n-butyl phthalate	BDL	0.39	mg/kg	8270C	10/08/06	1
Diethyl phthalate	BDL	0.39	mg/kg	8270C	10/08/06	1
Dimethyl phthalate	BDL	0.39	mg/kg	8270C	10/08/06	1
Di-n-octyl phthalate	BDL	0.39	mg/kg	8270C	10/08/06	1
Pyrene	BDL	0.039	mg/kg	8270C	10/08/06	1
1,2,4-Trichlorobenzene	BDL	0.39	mg/kg	8270C	10/08/06	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.39	mg/kg	8270C	10/08/06	1
2-Chlorophenol	BDL	0.39	mg/kg	8270C	10/08/06	1
2,4-Dichlorophenol	BDL	0.39	mg/kg	8270C	10/08/06	1
2,4-Dimethylphenol	BDL	0.39	mg/kg	8270C	10/08/06	1
4,6-Dinitro-2-methylphenol	BDL	0.39	mg/kg	8270C	10/08/06	1
2,4-Dinitrophenol	BDL	0.39	mg/kg	8270C	10/08/06	1
2-Nitrophenol	BDL	0.39	mg/kg	8270C	10/08/06	1
4-Nitrophenol	BDL	0.39	mg/kg	8270C	10/08/06	1
Pentachlorophenol	BDL	0.39	mg/kg	8270C	10/08/06	1
Phenol	BDL	0.39	mg/kg	8270C	10/08/06	1
2,4,6-Trichlorophenol	BDL	0.39	mg/kg	8270C	10/08/06	1
Surrogate Recovery						
Nitrobenzene-d5	56.1	% Rec.	8270C	10/08/06	1	
2-Fluorobiphenyl	69.7	% Rec.	8270C	10/08/06	1	
p-Terphenyl-d14	92.3	% Rec.	8270C	10/08/06	1	
Phenol-d5	74.2	% Rec.	8270C	10/08/06	1	
2-Fluorophenol	40.7	% Rec.	8270C	10/08/06	1	
2,4,6-Tribromophenol	16.1	% Rec.	8270C	10/08/06	1	

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REPORT OF ANALYSIS

October 12, 2006

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : BL-1-10
Collected By : Scott Dacus
Collection Date : 10/04/06 10:30

ESC Sample # : L264053-02

Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	84.0		%	2540G	10/12/06	1
Volatile Organics						
Acetone	BDL	0.060	mg/kg	8260B	10/11/06	1
Benzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromoform	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromomethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Carbon disulfide	BDL	0.0012	mg/kg	8260B	10/11/06	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chloroform	BDL	0.0060	mg/kg	8260B	10/11/06	1
Chloromethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dibromo-3-Chloropropane	BDL	0.0060	mg/kg	8260B	10/11/06	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1-Dichloroethene	0.0050	0.0012	mg/kg	8260B	10/11/06	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	10/11/06	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	10/11/06	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	10/11/06	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	10/11/06	1
2-Hexanone	BDL	0.012	mg/kg	8260B	10/11/06	1
Methylene Chloride	BDL	0.0060	mg/kg	8260B	10/11/06	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	10/11/06	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	10/11/06	1
Naphthalene	BDL	0.0060	mg/kg	8260B	10/11/06	1
Styrene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Tetrachloroethene	0.025	0.0012	mg/kg	8260B	10/11/06	1
Toluene	BDL	0.0060	mg/kg	8260B	10/11/06	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Trichloroethene	0.0023	0.0012	mg/kg	8260B	10/11/06	1

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REPORT OF ANALYSIS

October 12, 2006

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

ESC Sample # : L264053-02

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : BL-1-10
Collected By : Scott Dacus
Collection Date : 10/04/06 10:30

Site ID :

Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Vinyl chloride	BDL	0.0012	mg/kg	8260B	10/11/06	1
Xylenes, Total	BDL	0.0036	mg/kg	8260B	10/11/06	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2,3-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Surrogate Recovery						
Toluene-d8	84.7		% Rec.	8260B	10/11/06	1
Dibromofluoromethane	89.4		% Rec.	8260B	10/11/06	1
4-Bromofluorobenzene	88.9		% Rec.	8260B	10/11/06	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.039	mg/kg	8270C	10/09/06	1
Acenaphthylene	BDL	0.039	mg/kg	8270C	10/09/06	1
Anthracene	BDL	0.039	mg/kg	8270C	10/09/06	1
Benzidine	BDL	0.39	mg/kg	8270C	10/09/06	1
Benzo(a)anthracene	BDL	0.039	mg/kg	8270C	10/09/06	1
Benzo(b)fluoranthene	BDL	0.039	mg/kg	8270C	10/09/06	1
Benzo(k)fluoranthene	BDL	0.039	mg/kg	8270C	10/09/06	1
Benzo(g,h,i)perylene	BDL	0.039	mg/kg	8270C	10/09/06	1
Benzo(a)pyrene	BDL	0.039	mg/kg	8270C	10/09/06	1
Bis(2-chlorethoxy)methane	BDL	0.39	mg/kg	8270C	10/09/06	1
Bis(2-chloroethyl)ether	BDL	0.39	mg/kg	8270C	10/09/06	1
Bis(2-chloroisopropyl)ether	BDL	0.39	mg/kg	8270C	10/09/06	1
4-Bromophenyl-phenylether	BDL	0.39	mg/kg	8270C	10/09/06	1
2-Chloronaphthalene	BDL	0.39	mg/kg	8270C	10/09/06	1
4-Chlorophenyl-phenylether	BDL	0.39	mg/kg	8270C	10/09/06	1
Chrysene	BDL	0.039	mg/kg	8270C	10/09/06	1
Dibenz(a,h)anthracene	BDL	0.039	mg/kg	8270C	10/09/06	1
3,3-Dichlorobenzidine	BDL	0.39	mg/kg	8270C	10/09/06	1
2,4-Dinitrotoluene	BDL	0.39	mg/kg	8270C	10/09/06	1
2,6-Dinitrotoluene	BDL	0.39	mg/kg	8270C	10/09/06	1
Fluoranthene	BDL	0.039	mg/kg	8270C	10/09/06	1
Fluorene	BDL	0.039	mg/kg	8270C	10/09/06	1
Hexachlorobenzene	BDL	0.39	mg/kg	8270C	10/09/06	1
Hexachloro-1,3-butadiene	BDL	0.39	mg/kg	8270C	10/09/06	1
Hexachlorocyclopentadiene	BDL	0.39	mg/kg	8270C	10/09/06	1
Hexachloroethane	BDL	0.39	mg/kg	8270C	10/09/06	1
Indeno(1,2,3-cd)pyrene	BDL	0.039	mg/kg	8270C	10/09/06	1
Isophorone	BDL	0.39	mg/kg	8270C	10/09/06	1
2-Methylnaphthalene	BDL	0.39	mg/kg	8270C	10/09/06	1
Naphthalene	BDL	0.039	mg/kg	8270C	10/09/06	1
Nitrobenzene	BDL	0.39	mg/kg	8270C	10/09/06	1
n-Nitrosodimethylamine	BDL	0.060	mg/kg	8270C	10/09/06	1
n-Nitrosodiphenylamine	BDL	0.39	mg/kg	8270C	10/09/06	1
n-Nitrosodi-n-propylamine	BDL	0.39	mg/kg	8270C	10/09/06	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : BL-1-10
Collected By : Scott Dacus
Collection Date : 10/04/06 10:30

ESC Sample # : L264053-02

Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Phenanthrene	BDL	0.039	mg/kg	8270C	10/09/06	1
Benzylbutyl phthalate	BDL	0.39	mg/kg	8270C	10/09/06	1
Bis(2-ethylhexyl)phthalate	BDL	0.39	mg/kg	8270C	10/09/06	1
Di-n-butyl phthalate	BDL	0.39	mg/kg	8270C	10/09/06	1
Diethyl phthalate	BDL	0.39	mg/kg	8270C	10/09/06	1
Dimethyl phthalate	BDL	0.39	mg/kg	8270C	10/09/06	1
Di-n-octyl phthalate	BDL	0.39	mg/kg	8270C	10/09/06	1
Pyrene	BDL	0.039	mg/kg	8270C	10/09/06	1
1,2,4-Trichlorobenzene	BDL	0.39	mg/kg	8270C	10/09/06	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.39	mg/kg	8270C	10/09/06	1
2-Chlorophenol	BDL	0.39	mg/kg	8270C	10/09/06	1
2,4-Dichlorophenol	BDL	0.39	mg/kg	8270C	10/09/06	1
2,4-Dimethylphenol	BDL	0.39	mg/kg	8270C	10/09/06	1
4,6-Dinitro-2-methylphenol	BDL	0.39	mg/kg	8270C	10/09/06	1
2,4-Dinitrophenol	BDL	0.39	mg/kg	8270C	10/09/06	1
2-Nitrophenol	BDL	0.39	mg/kg	8270C	10/09/06	1
4-Nitrophenol	BDL	0.39	mg/kg	8270C	10/09/06	1
Pentachlorophenol	BDL	0.39	mg/kg	8270C	10/09/06	1
Phenol	BDL	0.39	mg/kg	8270C	10/09/06	1
2,4,6-Trichlorophenol	BDL	0.39	mg/kg	8270C	10/09/06	1
Surrogate Recovery						
Nitrobenzene-d5	61.5	?	Rec.	8270C	10/09/06	1
2-Fluorobiphenyl	77.3	?	Rec.	8270C	10/09/06	1
p-Terphenyl-d14	92.2	?	Rec.	8270C	10/09/06	1
Phenol-d5	85.5	?	Rec.	8270C	10/09/06	1
2-Fluorophenol	66.7	?	Rec.	8270C	10/09/06	1
2,4,6-Tribromophenol	93.8	?	Rec.	8270C	10/09/06	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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Est. 1970

REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received :	October 05, 2006	ESC Sample # :	L264053-03
Description :	Former Cermtec Plant 1	Site ID :	
Sample ID :	BL-2-2	Project # :	1267-06-669
Collected By :	Scott Dacus		
Collection Date :	10/04/06 11:00		

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Cyanide	BDL	0.26	mg/kg	9012	10/11/06	1
Total Solids	97.7		%	2540G	10/12/06	1
Mercury	BDL	0.020	mg/kg	7471	10/06/06	1
Aluminum	3700	5.1	mg/kg	6010B	10/11/06	1
Antimony	1.1	1.0	mg/kg	6010B	10/11/06	1
Arsenic	BDL	1.0	mg/kg	6010B	10/11/06	1
Barium	29.	0.26	mg/kg	6010B	10/11/06	1
Beryllium	BDL	0.51	mg/kg	6010B	10/12/06	5
Cadmium	0.42	0.26	mg/kg	6010B	10/11/06	1
Calcium	200	26.	mg/kg	6010B	10/11/06	1
Chromium	8.7	0.51	mg/kg	6010B	10/11/06	1
Cobalt	2.8	0.51	mg/kg	6010B	10/11/06	1
Copper	1.6	1.0	mg/kg	6010B	10/11/06	1
Iron	3700	26.	mg/kg	6010B	10/12/06	5
Lead	3.9	0.26	mg/kg	6010B	10/11/06	1
Magnesium	1000	5.1	mg/kg	6010B	10/11/06	1
Manganese	130	0.51	mg/kg	6010B	10/11/06	1
Nickel	4.4	1.0	mg/kg	6010B	10/11/06	1
Potassium	880	130	mg/kg	6010B	10/12/06	5
Selenium	BDL	1.0	mg/kg	6010B	10/11/06	1
Silver	BDL	2.6	mg/kg	6010B	10/12/06	5
Sodium	490	130	mg/kg	6010B	10/12/06	5
Thallium	BDL	5.1	mg/kg	6010B	10/12/06	5
Vanadium	11.	0.51	mg/kg	6010B	10/11/06	1
Zinc	9.8	1.5	mg/kg	6010B	10/11/06	1
Volatile Organics						
Acetone	BDL	0.051	mg/kg	8260B	10/11/06	1
Benzene	BDL	0.0010	mg/kg	8260B	10/11/06	1
Bromobenzene	BDL	0.0010	mg/kg	8260B	10/11/06	1
Bromodichloromethane	BDL	0.0010	mg/kg	8260B	10/11/06	1
Bromoform	BDL	0.0010	mg/kg	8260B	10/11/06	1
Bromomethane	BDL	0.0010	mg/kg	8260B	10/11/06	1
Carbon disulfide	BDL	0.0010	mg/kg	8260B	10/11/06	1
Carbon tetrachloride	BDL	0.0010	mg/kg	8260B	10/11/06	1
Chlorobenzene	BDL	0.0010	mg/kg	8260B	10/11/06	1
Chlorodibromomethane	BDL	0.0010	mg/kg	8260B	10/11/06	1
Chloroethane	BDL	0.0010	mg/kg	8260B	10/11/06	1
Chloroform	BDL	0.0051	mg/kg	8260B	10/11/06	1
Chloromethane	BDL	0.0010	mg/kg	8260B	10/11/06	1
1,2-Dibromo-3-Chloropropane	BDL	0.0051	mg/kg	8260B	10/11/06	1

Results listed are dry weight basis.

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : BL-2-2
Collected By : Scott Dacus
Collection Date : 10/04/06 11:00

ESC Sample # : L264053-03

Site ID :

Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,2-Dibromoethane	BDL	0.0010	mg/kg	8260B	10/11/06	1
1,2-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	10/11/06	1
1,3-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	10/11/06	1
1,4-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	10/11/06	1
1,1-Dichloroethane	BDL	0.0010	mg/kg	8260B	10/11/06	1
1,2-Dichloroethane	BDL	0.0010	mg/kg	8260B	10/11/06	1
1,1-Dichloroethene	BDL	0.0010	mg/kg	8260B	10/11/06	1
cis-1,2-Dichloroethene	BDL	0.0010	mg/kg	8260B	10/11/06	1
trans-1,2-Dichloroethene	BDL	0.0010	mg/kg	8260B	10/11/06	1
1,2-Dichloropropane	BDL	0.0010	mg/kg	8260B	10/11/06	1
cis-1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	10/11/06	1
trans-1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	10/11/06	1
Di-isopropyl ether	BDL	0.0010	mg/kg	8260B	10/11/06	1
Ethylbenzene	BDL	0.0010	mg/kg	8260B	10/11/06	1
2-Butanone (MEK)	BDL	0.010	mg/kg	8260B	10/11/06	1
2-Hexanone	BDL	0.010	mg/kg	8260B	10/11/06	1
Methylene Chloride	BDL	0.0051	mg/kg	8260B	10/11/06	1
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/kg	8260B	10/11/06	1
Methyl tert-butyl ether	BDL	0.0010	mg/kg	8260B	10/11/06	1
Naphthalene	BDL	0.0051	mg/kg	8260B	10/11/06	1
Styrene	BDL	0.0010	mg/kg	8260B	10/11/06	1
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/kg	8260B	10/11/06	1
Tetrachloroethene	0.024	0.0010	mg/kg	8260B	10/11/06	1
Toluene	BDL	0.0051	mg/kg	8260B	10/11/06	1
1,1,1-Trichloroethane	BDL	0.0010	mg/kg	8260B	10/11/06	1
1,1,2-Trichloroethane	BDL	0.0010	mg/kg	8260B	10/11/06	1
Trichloroethene	BDL	0.0010	mg/kg	8260B	10/11/06	1
Vinyl chloride	BDL	0.0010	mg/kg	8260B	10/11/06	1
Xylenes, Total	BDL	0.0031	mg/kg	8260B	10/11/06	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0010	mg/kg	8260B	10/11/06	1
1,2,3-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	10/11/06	1
Surrogate Recovery						
Toluene-d8	85.0		% Rec.	8260B	10/11/06	1
Dibromofluoromethane	90.4		% Rec.	8260B	10/11/06	1
4-Bromofluorobenzene	85.0		% Rec.	8260B	10/11/06	1
Pesticide/PCBs						
Aldrin	BDL	0.020	mg/kg	8081/8082	10/09/06	1
Alpha BHC	BDL	0.020	mg/kg	8081/8082	10/09/06	1
Beta BHC	BDL	0.020	mg/kg	8081/8082	10/09/06	1
Delta BHC	BDL	0.020	mg/kg	8081/8082	10/09/06	1
Gamma BHC	BDL	0.020	mg/kg	8081/8082	10/09/06	1
Chlordane	BDL	0.20	mg/kg	8081/8082	10/09/06	1
4,4-DDD	BDL	0.020	mg/kg	8081/8082	10/09/06	1

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REPORT OF ANALYSIS

October 12, 2006

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

ESC Sample # : L264053-03

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : BL-2-2
Collected By : Scott Dacus
Collection Date : 10/04/06 11:00

Site ID :

Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
4,4-DDE	BDL	0.020	mg/kg	8081/8082	10/09/06	1
4,4-DDT	BDL	0.020	mg/kg	8081/8082	10/09/06	1
Dieldrin	BDL	0.020	mg/kg	8081/8082	10/09/06	1
Endosulfan I	BDL	0.020	mg/kg	8081/8082	10/09/06	1
Endosulfan II	BDL	0.020	mg/kg	8081/8082	10/09/06	1
Endosulfan sulfate	BDL	0.020	mg/kg	8081/8082	10/09/06	1
Endrin	BDL	0.020	mg/kg	8081/8082	10/09/06	1
Endrin aldehyde	BDL	0.020	mg/kg	8081/8082	10/09/06	1
Heptachlor	BDL	0.020	mg/kg	8081/8082	10/09/06	1
Heptachlor epoxide	BDL	0.020	mg/kg	8081/8082	10/09/06	1
Methoxychlor	BDL	0.020	mg/kg	8081/8082	10/09/06	1
Toxaphene	BDL	0.41	mg/kg	8081/8082	10/09/06	1
PCB 1016	BDL	0.017	mg/kg	8081/8082	10/10/06	1
PCB 1221	BDL	0.017	mg/kg	8081/8082	10/10/06	1
PCB 1232	BDL	0.017	mg/kg	8081/8082	10/10/06	1
PCB 1242	BDL	0.017	mg/kg	8081/8082	10/10/06	1
PCB 1248	BDL	0.017	mg/kg	8081/8082	10/10/06	1
PCB 1254	BDL	0.017	mg/kg	8081/8082	10/10/06	1
PCB 1260	BDL	0.017	mg/kg	8081/8082	10/10/06	1
Pest/PCBs Surrogates						
Decachlorobiphenyl	86.7		% Rec.	8081/8082	10/09/06	1
Tetrachloro-m-xylene	57.1		% Rec.	8081/8082	10/09/06	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.034	mg/kg	8270C	10/09/06	1
Acenaphthylene	BDL	0.034	mg/kg	8270C	10/09/06	1
Anthracene	BDL	0.034	mg/kg	8270C	10/09/06	1
Benzidine	BDL	0.34	mg/kg	8270C	10/09/06	1
Benzo(a)anthracene	BDL	0.034	mg/kg	8270C	10/09/06	1
Benzo(b)fluoranthene	BDL	0.034	mg/kg	8270C	10/09/06	1
Benzo(k)fluoranthene	BDL	0.034	mg/kg	8270C	10/09/06	1
Benzo(g,h,i)perylene	BDL	0.034	mg/kg	8270C	10/09/06	1
Benzo(a)pyrene	BDL	0.034	mg/kg	8270C	10/09/06	1
Bis(2-chlorethoxy)methane	BDL	0.34	mg/kg	8270C	10/09/06	1
Bis(2-chloroethyl)ether	BDL	0.34	mg/kg	8270C	10/09/06	1
Bis(2-chloroisopropyl)ether	BDL	0.34	mg/kg	8270C	10/09/06	1
4-Bromophenyl-phenylether	BDL	0.34	mg/kg	8270C	10/09/06	1
2-Chloronaphthalene	BDL	0.34	mg/kg	8270C	10/09/06	1
4-Chlorophenyl-phenylether	BDL	0.34	mg/kg	8270C	10/09/06	1
Chrysene	BDL	0.034	mg/kg	8270C	10/09/06	1
Dibenz(a,h)anthracene	BDL	0.034	mg/kg	8270C	10/09/06	1
3,3-Dichlorobenzidine	BDL	0.34	mg/kg	8270C	10/09/06	1
2,4-Dinitrotoluene	BDL	0.34	mg/kg	8270C	10/09/06	1
2,6-Dinitrotoluene	BDL	0.34	mg/kg	8270C	10/09/06	1

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : BL-2-2
Collected By : Scott Dacus
Collection Date : 10/04/06 11:00

ESC Sample # : L264053-03
Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Fluoranthene	BDL	0.034	mg/kg	8270C	10/09/06	1
Fluorene	BDL	0.034	mg/kg	8270C	10/09/06	1
Hexachlorobenzene	BDL	0.34	mg/kg	8270C	10/09/06	1
Hexachloro-1,3-butadiene	BDL	0.34	mg/kg	8270C	10/09/06	1
Hexachlorocyclopentadiene	BDL	0.34	mg/kg	8270C	10/09/06	1
Hexachloroethane	BDL	0.34	mg/kg	8270C	10/09/06	1
Indeno(1,2,3-cd)pyrene	BDL	0.034	mg/kg	8270C	10/09/06	1
Isophorone	BDL	0.34	mg/kg	8270C	10/09/06	1
2-Methylnaphthalene	BDL	0.34	mg/kg	8270C	10/09/06	1
Naphthalene	BDL	0.034	mg/kg	8270C	10/09/06	1
Nitrobenzene	BDL	0.34	mg/kg	8270C	10/09/06	1
n-Nitrosodimethylamine	BDL	0.051	mg/kg	8270C	10/09/06	1
n-Nitrosodiphenylamine	BDL	0.34	mg/kg	8270C	10/09/06	1
n-Nitrosodi-n-propylamine	BDL	0.34	mg/kg	8270C	10/09/06	1
Phenanthrene	BDL	0.034	mg/kg	8270C	10/09/06	1
Benzylbutyl phthalate	BDL	0.34	mg/kg	8270C	10/09/06	1
Bis(2-ethylhexyl)phthalate	BDL	0.34	mg/kg	8270C	10/09/06	1
Di-n-butyl phthalate	BDL	0.34	mg/kg	8270C	10/09/06	1
Diethyl phthalate	BDL	0.34	mg/kg	8270C	10/09/06	1
Dimethyl phthalate	BDL	0.34	mg/kg	8270C	10/09/06	1
Di-n-octyl phthalate	BDL	0.34	mg/kg	8270C	10/09/06	1
Pyrene	BDL	0.034	mg/kg	8270C	10/09/06	1
1,2,4-Trichlorobenzene	BDL	0.34	mg/kg	8270C	10/09/06	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.34	mg/kg	8270C	10/09/06	1
2-Chlorophenol	BDL	0.34	mg/kg	8270C	10/09/06	1
2,4-Dichlorophenol	BDL	0.34	mg/kg	8270C	10/09/06	1
2,4-Dimethylphenol	BDL	0.34	mg/kg	8270C	10/09/06	1
4,6-Dinitro-2-methylphenol	BDL	0.34	mg/kg	8270C	10/09/06	1
2,4-Dinitrophenol	BDL	0.34	mg/kg	8270C	10/09/06	1
2-Nitrophenol	BDL	0.34	mg/kg	8270C	10/09/06	1
4-Nitrophenol	BDL	0.34	mg/kg	8270C	10/09/06	1
Pentachlorophenol	BDL	0.34	mg/kg	8270C	10/09/06	1
Phenol	BDL	0.34	mg/kg	8270C	10/09/06	1
2,4,6-Trichlorophenol	BDL	0.34	mg/kg	8270C	10/09/06	1
Surrogate Recovery						
Nitrobenzene-d5	59.2		% Rec.	8270C	10/09/06	1
2-Fluorobiphenyl	72.8		% Rec.	8270C	10/09/06	1
p-Terphenyl-d14	92.2		% Rec.	8270C	10/09/06	1
Phenol-d5	79.9		% Rec.	8270C	10/09/06	1
2-Fluorophenol	61.8		% Rec.	8270C	10/09/06	1
2,4,6-Tribromophenol	96.3		% Rec.	8270C	10/09/06	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received :	October 05, 2006	ESC Sample # :	L264053-04
Description :	Former Cermtec Plant 1	Site ID :	
Sample ID :	BL-2-10	Project # :	1267-06-669
Collected By :	Scott Dacus		
Collection Date :	10/04/06 11:10		

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	72.5		%	2540G	10/12/06	1
Volatile Organics						
Acetone	BDL	0.069	mg/kg	8260B	10/11/06	1
Benzene	BDL	0.0014	mg/kg	8260B	10/11/06	1
Bromobenzene	BDL	0.0014	mg/kg	8260B	10/11/06	1
Bromodichloromethane	BDL	0.0014	mg/kg	8260B	10/11/06	1
Bromoform	BDL	0.0014	mg/kg	8260B	10/11/06	1
Bromomethane	BDL	0.0014	mg/kg	8260B	10/11/06	1
Carbon disulfide	BDL	0.0014	mg/kg	8260B	10/11/06	1
Carbon tetrachloride	BDL	0.0014	mg/kg	8260B	10/11/06	1
Chlorobenzene	BDL	0.0014	mg/kg	8260B	10/11/06	1
Chlorodibromomethane	BDL	0.0014	mg/kg	8260B	10/11/06	1
Chloroethane	BDL	0.0014	mg/kg	8260B	10/11/06	1
Chloroform	BDL	0.0069	mg/kg	8260B	10/11/06	1
Chloromethane	BDL	0.0014	mg/kg	8260B	10/11/06	1
1,2-Dibromo-3-Chloropropane	BDL	0.0069	mg/kg	8260B	10/11/06	1
1,2-Dibromoethane	BDL	0.0014	mg/kg	8260B	10/11/06	1
1,2-Dichlorobenzene	BDL	0.0014	mg/kg	8260B	10/11/06	1
1,3-Dichlorobenzene	BDL	0.0014	mg/kg	8260B	10/11/06	1
1,4-Dichlorobenzene	BDL	0.0014	mg/kg	8260B	10/11/06	1
1,1-Dichloroethane	BDL	0.0014	mg/kg	8260B	10/11/06	1
1,2-Dichloroethane	BDL	0.0014	mg/kg	8260B	10/11/06	1
1,1-Dichloroethene	BDL	0.0014	mg/kg	8260B	10/11/06	1
cis-1,2-Dichloroethene	BDL	0.0014	mg/kg	8260B	10/11/06	1
trans-1,2-Dichloroethene	BDL	0.0014	mg/kg	8260B	10/11/06	1
1,2-Dichloropropane	BDL	0.0014	mg/kg	8260B	10/11/06	1
cis-1,3-Dichloropropene	BDL	0.0014	mg/kg	8260B	10/11/06	1
trans-1,3-Dichloropropene	BDL	0.0014	mg/kg	8260B	10/11/06	1
Di-isopropyl ether	BDL	0.0014	mg/kg	8260B	10/11/06	1
Ethylbenzene	BDL	0.0014	mg/kg	8260B	10/11/06	1
2-Butanone (MEK)	BDL	0.014	mg/kg	8260B	10/11/06	1
2-Hexanone	BDL	0.014	mg/kg	8260B	10/11/06	1
Methylene Chloride	BDL	0.0069	mg/kg	8260B	10/11/06	1
4-Methyl-2-pentanone (MIBK)	BDL	0.014	mg/kg	8260B	10/11/06	1
Methyl tert-butyl ether	BDL	0.0014	mg/kg	8260B	10/11/06	1
Naphthalene	BDL	0.0069	mg/kg	8260B	10/11/06	1
Styrene	BDL	0.0014	mg/kg	8260B	10/11/06	1
1,1,2,2-Tetrachloroethane	BDL	0.0014	mg/kg	8260B	10/11/06	1
Tetrachloroethene	0.17	0.0014	mg/kg	8260B	10/11/06	1
Toluene	BDL	0.0069	mg/kg	8260B	10/11/06	1
1,1,1-Trichloroethane	BDL	0.0014	mg/kg	8260B	10/11/06	1
1,1,2-Trichloroethane	BDL	0.0014	mg/kg	8260B	10/11/06	1
Trichloroethene	BDL	0.0014	mg/kg	8260B	10/11/06	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1

Sample ID : BL-2-10

Collected By : Scott Dacus
Collection Date : 10/04/06 11:10

ESC Sample # : L264053-04

Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Vinyl chloride	BDL	0.0014	mg/kg	8260B	10/11/06	1
Xylenes, Total	BDL	0.0041	mg/kg	8260B	10/11/06	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0014	mg/kg	8260B	10/11/06	1
1,2,3-Trimethylbenzene	BDL	0.0014	mg/kg	8260B	10/11/06	1
Surrogate Recovery						
Toluene-d8	86.8		% Rec.	8260B	10/11/06	1
Dibromofluoromethane	88.8		% Rec.	8260B	10/11/06	1
4-Bromofluorobenzene	86.2		% Rec.	8260B	10/11/06	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.046	mg/kg	8270C	10/09/06	1
Acenaphthylene	BDL	0.046	mg/kg	8270C	10/09/06	1
Anthracene	BDL	0.046	mg/kg	8270C	10/09/06	1
Benzidine	BDL	0.46	mg/kg	8270C	10/09/06	1
Benzo(a)anthracene	BDL	0.046	mg/kg	8270C	10/09/06	1
Benzo(b)fluoranthene	BDL	0.046	mg/kg	8270C	10/09/06	1
Benzo(k)fluoranthene	BDL	0.046	mg/kg	8270C	10/09/06	1
Benzo(g,h,i)perylene	BDL	0.046	mg/kg	8270C	10/09/06	1
Benzo(a)pyrene	BDL	0.046	mg/kg	8270C	10/09/06	1
Bis(2-chlorethoxy)methane	BDL	0.46	mg/kg	8270C	10/09/06	1
Bis(2-chloroethyl)ether	BDL	0.46	mg/kg	8270C	10/09/06	1
Bis(2-chloroisopropyl)ether	BDL	0.46	mg/kg	8270C	10/09/06	1
4-Bromophenyl-phenylether	BDL	0.46	mg/kg	8270C	10/09/06	1
2-Chloronaphthalene	BDL	0.46	mg/kg	8270C	10/09/06	1
4-Chlorophenyl-phenylether	BDL	0.46	mg/kg	8270C	10/09/06	1
Chrysene	BDL	0.046	mg/kg	8270C	10/09/06	1
Dibenz(a,h)anthracene	BDL	0.046	mg/kg	8270C	10/09/06	1
3,3-Dichlorobenzidine	BDL	0.46	mg/kg	8270C	10/09/06	1
2,4-Dinitrotoluene	BDL	0.46	mg/kg	8270C	10/09/06	1
2,6-Dinitrotoluene	BDL	0.46	mg/kg	8270C	10/09/06	1
Fluoranthene	BDL	0.046	mg/kg	8270C	10/09/06	1
Fluorene	BDL	0.046	mg/kg	8270C	10/09/06	1
Hexachlorobenzene	BDL	0.46	mg/kg	8270C	10/09/06	1
Hexachloro-1,3-butadiene	BDL	0.46	mg/kg	8270C	10/09/06	1
Hexachlorocyclopentadiene	BDL	0.46	mg/kg	8270C	10/09/06	1
Hexachloroethane	BDL	0.46	mg/kg	8270C	10/09/06	1
Indeno(1,2,3-cd)pyrene	BDL	0.046	mg/kg	8270C	10/09/06	1
Isophorone	BDL	0.46	mg/kg	8270C	10/09/06	1
2-Methylnaphthalene	BDL	0.46	mg/kg	8270C	10/09/06	1
Naphthalene	BDL	0.046	mg/kg	8270C	10/09/06	1
Nitrobenzene	BDL	0.46	mg/kg	8270C	10/09/06	1
n-Nitrosodimethylamine	BDL	0.069	mg/kg	8270C	10/09/06	1
n-Nitrosodiphenylamine	BDL	0.46	mg/kg	8270C	10/09/06	1
n-Nitrosodi-n-propylamine	BDL	0.46	mg/kg	8270C	10/09/06	1

Results listed are dry weight basis.

BDL - Below Detection Limit

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : BL-2-10
Collected By : Scott Dacus
Collection Date : 10/04/06 11:10

ESC Sample # : L264053-04
Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Phenanthrene	BDL	0.046	mg/kg	8270C	10/09/06	1
Benzylbutyl phthalate	BDL	0.46	mg/kg	8270C	10/09/06	1
Bis(2-ethylhexyl)phthalate	BDL	0.46	mg/kg	8270C	10/09/06	1
Di-n-butyl phthalate	BDL	0.46	mg/kg	8270C	10/09/06	1
Diethyl phthalate	BDL	0.46	mg/kg	8270C	10/09/06	1
Dimethyl phthalate	BDL	0.46	mg/kg	8270C	10/09/06	1
Di-n-octyl phthalate	BDL	0.46	mg/kg	8270C	10/09/06	1
Pyrene	BDL	0.046	mg/kg	8270C	10/09/06	1
1,2,4-Trichlorobenzene	BDL	0.46	mg/kg	8270C	10/09/06	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.46	mg/kg	8270C	10/09/06	1
2-Chlorophenol	BDL	0.46	mg/kg	8270C	10/09/06	1
2,4-Dichlorophenol	BDL	0.46	mg/kg	8270C	10/09/06	1
2,4-Dimethylphenol	BDL	0.46	mg/kg	8270C	10/09/06	1
4,6-Dinitro-2-methylphenol	BDL	0.46	mg/kg	8270C	10/09/06	1
2,4-Dinitrophenol	BDL	0.46	mg/kg	8270C	10/09/06	1
2-Nitrophenol	BDL	0.46	mg/kg	8270C	10/09/06	1
4-Nitrophenol	BDL	0.46	mg/kg	8270C	10/09/06	1
Pentachlorophenol	BDL	0.46	mg/kg	8270C	10/09/06	1
Phenol	BDL	0.46	mg/kg	8270C	10/09/06	1
2,4,6-Trichlorophenol	BDL	0.46	mg/kg	8270C	10/09/06	1
Surrogate Recovery						
Nitrobenzene-d5	55.6	3 Rec.	8270C	10/09/06	1	
2-Fluorobiphenyl	71.7	3 Rec.	8270C	10/09/06	1	
p-Terphenyl-d14	96.9	3 Rec.	8270C	10/09/06	1	
Phenol-d5	78.7	3 Rec.	8270C	10/09/06	1	
2-Fluorophenol	59.8	3 Rec.	8270C	10/09/06	1	
2,4,6-Tribromophenol	97.0	3 Rec.	8270C	10/09/06	1	

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : IS-1-5
Collected By : Scott Dacus
Collection Date : 10/04/06 12:50

ESC Sample # : L264053-05

Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	83.3		%	2540G	10/12/06	1
Volatile Organics						
Acetone	BDL	0.060	mg/kg	8260B	10/11/06	1
Benzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromoform	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromomethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Carbon disulfide	BDL	0.0012	mg/kg	8260B	10/11/06	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chloroform	BDL	0.0060	mg/kg	8260B	10/11/06	1
Chloromethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dibromo-3-Chloropropane	BDL	0.0060	mg/kg	8260B	10/11/06	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	10/11/06	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	10/11/06	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	10/11/06	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	10/11/06	1
2-Hexanone	BDL	0.012	mg/kg	8260B	10/11/06	1
Methylene Chloride	BDL	0.0060	mg/kg	8260B	10/11/06	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	10/11/06	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	10/11/06	1
Naphthalene	BDL	0.0060	mg/kg	8260B	10/11/06	1
Styrene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Tetrachloroethene	0.0022	0.0012	mg/kg	8260B	10/11/06	1
Toluene	BDL	0.0060	mg/kg	8260B	10/11/06	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : IS-1-5
Collected By : Scott Dacus
Collection Date : 10/04/06 12:50

ESC Sample # : L264053-05

Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Vinyl chloride	BDL	0.0012	mg/kg	8260B	10/11/06	1
Xylenes, Total	BDL	0.0036	mg/kg	8260B	10/11/06	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2,3-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Surrogate Recovery						
Toluene-d8	85.5		? Rec.	8260B	10/11/06	1
Dibromofluoromethane	88.5		? Rec.	8260B	10/11/06	1
4-Bromofluorobenzene	88.8		? Rec.	8260B	10/11/06	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.040	mg/kg	8270C	10/09/06	1
Acenaphthylene	BDL	0.040	mg/kg	8270C	10/09/06	1
Anthracene	BDL	0.040	mg/kg	8270C	10/09/06	1
Benzidine	BDL	0.40	mg/kg	8270C	10/09/06	1
Benzo(a)anthracene	BDL	0.040	mg/kg	8270C	10/09/06	1
Benzo(b)fluoranthene	BDL	0.040	mg/kg	8270C	10/09/06	1
Benzo(k)fluoranthene	BDL	0.040	mg/kg	8270C	10/09/06	1
Benzo(g,h,i)perylene	BDL	0.040	mg/kg	8270C	10/09/06	1
Benzo(a)pyrene	BDL	0.040	mg/kg	8270C	10/09/06	1
Bis(2-chlorethoxy)methane	BDL	0.40	mg/kg	8270C	10/09/06	1
Bis(2-chloroethyl)ether	BDL	0.40	mg/kg	8270C	10/09/06	1
Bis(2-chloroisopropyl)ether	BDL	0.40	mg/kg	8270C	10/09/06	1
4-Bromophenyl-phenylether	BDL	0.40	mg/kg	8270C	10/09/06	1
2-Chloronaphthalene	BDL	0.40	mg/kg	8270C	10/09/06	1
4-Chlorophenyl-phenylether	BDL	0.40	mg/kg	8270C	10/09/06	1
Chrysene	BDL	0.040	mg/kg	8270C	10/09/06	1
Dibenz(a,h)anthracene	BDL	0.040	mg/kg	8270C	10/09/06	1
3,3-Dichlorobenzidine	BDL	0.40	mg/kg	8270C	10/09/06	1
2,4-Dinitrotoluene	BDL	0.40	mg/kg	8270C	10/09/06	1
2,6-Dinitrotoluene	BDL	0.40	mg/kg	8270C	10/09/06	1
Fluoranthene	BDL	0.040	mg/kg	8270C	10/09/06	1
Fluorene	BDL	0.040	mg/kg	8270C	10/09/06	1
Hexachlorobenzene	BDL	0.40	mg/kg	8270C	10/09/06	1
Hexachloro-1,3-butadiene	BDL	0.40	mg/kg	8270C	10/09/06	1
Hexachlorocyclopentadiene	BDL	0.40	mg/kg	8270C	10/09/06	1
Hexachloroethane	BDL	0.40	mg/kg	8270C	10/09/06	1
Indeno(1,2,3-cd)pyrene	BDL	0.040	mg/kg	8270C	10/09/06	1
Isophorone	BDL	0.40	mg/kg	8270C	10/09/06	1
2-Methylnaphthalene	BDL	0.40	mg/kg	8270C	10/09/06	1
Naphthalene	BDL	0.040	mg/kg	8270C	10/09/06	1
Nitrobenzene	BDL	0.40	mg/kg	8270C	10/09/06	1
n-Nitrosodimethylamine	BDL	0.060	mg/kg	8270C	10/09/06	1
n-Nitrosodiphenylamine	BDL	0.40	mg/kg	8270C	10/09/06	1
n-Nitrosodi-n-propylamine	BDL	0.40	mg/kg	8270C	10/09/06	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

October 12, 2006

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

ESC Sample # : L264053-05

Date Received : October 05, 2006
Description : Former Cermtec Plant 1

Site ID :

Sample ID : IS-1-5

Project # : 1267-06-669

Collected By : Scott Dacus
Collection Date : 10/04/06 12:50

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Phenanthrene	BDL	0.040	mg/kg	8270C	10/09/06	1
Benzylbutyl phthalate	BDL	0.40	mg/kg	8270C	10/09/06	1
Bis(2-ethylhexyl)phthalate	BDL	0.40	mg/kg	8270C	10/09/06	1
Di-n-butyl phthalate	BDL	0.40	mg/kg	8270C	10/09/06	1
Diethyl phthalate	BDL	0.40	mg/kg	8270C	10/09/06	1
Dimethyl phthalate	BDL	0.40	mg/kg	8270C	10/09/06	1
Di-n-octyl phthalate	BDL	0.40	mg/kg	8270C	10/09/06	1
Pyrene	BDL	0.040	mg/kg	8270C	10/09/06	1
1,2,4-Trichlorobenzene	BDL	0.40	mg/kg	8270C	10/09/06	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.40	mg/kg	8270C	10/09/06	1
2-Chlorophenol	BDL	0.40	mg/kg	8270C	10/09/06	1
2,4-Dichlorophenol	BDL	0.40	mg/kg	8270C	10/09/06	1
2,4-Dimethylphenol	BDL	0.40	mg/kg	8270C	10/09/06	1
4,6-Dinitro-2-methylphenol	BDL	0.40	mg/kg	8270C	10/09/06	1
2,4-Dinitrophenol	BDL	0.40	mg/kg	8270C	10/09/06	1
2-Nitrophenol	BDL	0.40	mg/kg	8270C	10/09/06	1
4-Nitrophenol	BDL	0.40	mg/kg	8270C	10/09/06	1
Pentachlorophenol	BDL	0.40	mg/kg	8270C	10/09/06	1
Phenol	BDL	0.40	mg/kg	8270C	10/09/06	1
2,4,6-Trichlorophenol	BDL	0.40	mg/kg	8270C	10/09/06	1
Surrogate Recovery						
Nitrobenzene-d5	49.6	% Rec.	8270C	10/09/06	1	
2-Fluorobiphenyl	65.8	% Rec.	8270C	10/09/06	1	
p-Terphenyl-d14	90.5	% Rec.	8270C	10/09/06	1	
Phenol-d5	72.7	% Rec.	8270C	10/09/06	1	
2-Fluorophenol	50.6	% Rec.	8270C	10/09/06	1	
2,4,6-Tribromophenol	78.0	% Rec.	8270C	10/09/06	1	

Results listed are dry weight basis.

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Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

October 12, 2006

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

ESC Sample # : L264053-06

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : IS-1-10
Collected By : Scott Dacus
Collection Date : 10/04/06 13:00

Site ID :

Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	81.9		%	2540G	10/12/06	1
Volatile Organics						
Acetone	BDL	0.061	mg/kg	8260B	10/11/06	1
Benzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromoform	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromomethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Carbon disulfide	BDL	0.0012	mg/kg	8260B	10/11/06	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chloroform	BDL	0.0061	mg/kg	8260B	10/11/06	1
Chloromethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dibromo-3-Chloropropane	BDL	0.0061	mg/kg	8260B	10/11/06	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	10/11/06	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	10/11/06	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	10/11/06	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	10/11/06	1
2-Hexanone	BDL	0.012	mg/kg	8260B	10/11/06	1
Methylene Chloride	BDL	0.0061	mg/kg	8260B	10/11/06	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	10/11/06	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	10/11/06	1
Naphthalene	BDL	0.0061	mg/kg	8260B	10/11/06	1
Styrene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Tetrachloroethene	0.0024	0.0012	mg/kg	8260B	10/11/06	1
Toluene	BDL	0.0061	mg/kg	8260B	10/11/06	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

October 12, 2006

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : IS-1-10
Collected By : Scott Dacus
Collection Date : 10/04/06 13:00

ESC Sample # : L264053-06

Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Vinyl chloride	BDL	0.0012	mg/kg	8260B	10/11/06	1
Xylenes, Total	BDL	0.0037	mg/kg	8260B	10/11/06	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2,3-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Surrogate Recovery						
Toluene-d8	84.8		% Rec.	8260B	10/11/06	1
Dibromofluoromethane	92.6		% Rec.	8260B	10/11/06	1
4-Bromofluorobenzene	90.0		% Rec.	8260B	10/11/06	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.040	mg/kg	8270C	10/09/06	1
Acenaphthylene	BDL	0.040	mg/kg	8270C	10/09/06	1
Anthracene	BDL	0.040	mg/kg	8270C	10/09/06	1
Benzidine	BDL	0.40	mg/kg	8270C	10/09/06	1
Benzo(a)anthracene	BDL	0.040	mg/kg	8270C	10/09/06	1
Benzo(b)fluoranthene	BDL	0.040	mg/kg	8270C	10/09/06	1
Benzo(k)fluoranthene	BDL	0.040	mg/kg	8270C	10/09/06	1
Benzo(g,h,i)perylene	BDL	0.040	mg/kg	8270C	10/09/06	1
Benzo(a)pyrene	BDL	0.040	mg/kg	8270C	10/09/06	1
Bis(2-chlorethoxy)methane	BDL	0.40	mg/kg	8270C	10/09/06	1
Bis(2-chloroethyl)ether	BDL	0.40	mg/kg	8270C	10/09/06	1
Bis(2-chloroisopropyl)ether	BDL	0.40	mg/kg	8270C	10/09/06	1
4-Bromophenyl-phenylether	BDL	0.40	mg/kg	8270C	10/09/06	1
2-Chloronaphthalene	BDL	0.40	mg/kg	8270C	10/09/06	1
4-Chlorophenyl-phenylether	BDL	0.40	mg/kg	8270C	10/09/06	1
Chrysene	BDL	0.040	mg/kg	8270C	10/09/06	1
Dibenz(a,h)anthracene	BDL	0.040	mg/kg	8270C	10/09/06	1
3,3-Dichlorobenzidine	BDL	0.40	mg/kg	8270C	10/09/06	1
2,4-Dinitrotoluene	BDL	0.40	mg/kg	8270C	10/09/06	1
2,6-Dinitrotoluene	BDL	0.40	mg/kg	8270C	10/09/06	1
Fluoranthene	BDL	0.040	mg/kg	8270C	10/09/06	1
Fluorene	BDL	0.040	mg/kg	8270C	10/09/06	1
Hexachlorobenzene	BDL	0.40	mg/kg	8270C	10/09/06	1
Hexachloro-1,3-butadiene	BDL	0.40	mg/kg	8270C	10/09/06	1
Hexachlorocyclopentadiene	BDL	0.40	mg/kg	8270C	10/09/06	1
Hexachloroethane	BDL	0.40	mg/kg	8270C	10/09/06	1
Indeno(1,2,3-cd)pyrene	BDL	0.040	mg/kg	8270C	10/09/06	1
Isophorone	BDL	0.40	mg/kg	8270C	10/09/06	1
2-Methylnaphthalene	BDL	0.40	mg/kg	8270C	10/09/06	1
Naphthalene	BDL	0.040	mg/kg	8270C	10/09/06	1
Nitrobenzene	BDL	0.40	mg/kg	8270C	10/09/06	1
n-Nitrosodimethylamine	BDL	0.061	mg/kg	8270C	10/09/06	1
n-Nitrosodiphenylamine	BDL	0.40	mg/kg	8270C	10/09/06	1
n-Nitrosodi-n-propylamine	BDL	0.40	mg/kg	8270C	10/09/06	1

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Est. 1970

REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : IS-1-10
Collected By : Scott Dacus
Collection Date : 10/04/06 13:00

ESC Sample # : L264053-06

Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Phenanthrene	BDL	0.040	mg/kg	8270C	10/09/06	1
Benzylbutyl phthalate	BDL	0.40	mg/kg	8270C	10/09/06	1
Bis(2-ethylhexyl)phthalate	BDL	0.40	mg/kg	8270C	10/09/06	1
Di-n-butyl phthalate	BDL	0.40	mg/kg	8270C	10/09/06	1
Diethyl phthalate	BDL	0.40	mg/kg	8270C	10/09/06	1
Dimethyl phthalate	BDL	0.40	mg/kg	8270C	10/09/06	1
Di-n-octyl phthalate	BDL	0.40	mg/kg	8270C	10/09/06	1
Pyrene	BDL	0.040	mg/kg	8270C	10/09/06	1
1,2,4-Trichlorobenzene	BDL	0.40	mg/kg	8270C	10/09/06	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.40	mg/kg	8270C	10/09/06	1
2-Chlorophenol	BDL	0.40	mg/kg	8270C	10/09/06	1
2,4-Dichlorophenol	BDL	0.40	mg/kg	8270C	10/09/06	1
2,4-Dimethylphenol	BDL	0.40	mg/kg	8270C	10/09/06	1
4,6-Dinitro-2-methylphenol	BDL	0.40	mg/kg	8270C	10/09/06	1
2,4-Dinitrophenol	BDL	0.40	mg/kg	8270C	10/09/06	1
2-Nitrophenol	BDL	0.40	mg/kg	8270C	10/09/06	1
4-Nitrophenol	BDL	0.40	mg/kg	8270C	10/09/06	1
Pentachlorophenol	BDL	0.40	mg/kg	8270C	10/09/06	1
Phenol	BDL	0.40	mg/kg	8270C	10/09/06	1
2,4,6-Trichlorophenol	BDL	0.40	mg/kg	8270C	10/09/06	1
Surrogate Recovery						
Nitrobenzene-d5	44.2	% Rec.	8270C	10/09/06	1	
2-Fluorobiphenyl	60.7	% Rec.	8270C	10/09/06	1	
p-Terphenyl-d14	75.5	% Rec.	8270C	10/09/06	1	
Phenol-d5	67.2	% Rec.	8270C	10/09/06	1	
2-Fluorophenol	45.5	% Rec.	8270C	10/09/06	1	
2,4,6-Tribromophenol	86.6	% Rec.	8270C	10/09/06	1	

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : YL-1-2
Collected By : Scott Dacus
Collection Date : 10/04/06 13:15

ESC Sample # : L264053-07
Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Cyanide	BDL	0.31	mg/kg	9012	10/11/06	1
Total Solids	81.6		%	2540G	10/12/06	1
Mercury	0.025	0.024	mg/kg	7471	10/06/06	1
Aluminum	10000	6.1	mg/kg	6010B	10/11/06	1
Antimony	5.0	1.2	mg/kg	6010B	10/11/06	1
Arsenic	BDL	1.2	mg/kg	6010B	10/11/06	1
Barium	64.	0.31	mg/kg	6010B	10/11/06	1
Beryllium	BDL	0.61	mg/kg	6010B	10/12/06	5
Cadmium	2.4	0.31	mg/kg	6010B	10/11/06	1
Calcium	1100	31.	mg/kg	6010B	10/11/06	1
Chromium	79.	0.61	mg/kg	6010B	10/11/06	1
Cobalt	6.9	0.61	mg/kg	6010B	10/11/06	1
Copper	13.	1.2	mg/kg	6010B	10/11/06	1
Iron	29000	6.1	mg/kg	6010B	10/11/06	1
Lead	19.	0.31	mg/kg	6010B	10/11/06	1
Magnesium	440	6.1	mg/kg	6010B	10/11/06	1
Manganese	130	3.1	mg/kg	6010B	10/12/06	5
Nickel	28.	1.2	mg/kg	6010B	10/11/06	1
Potassium	430	150	mg/kg	6010B	10/12/06	5
Selenium	BDL	1.2	mg/kg	6010B	10/11/06	1
Silver	BDL	3.1	mg/kg	6010B	10/12/06	5
Sodium	520	150	mg/kg	6010B	10/12/06	5
Thallium	BDL	1.2	mg/kg	6010B	10/11/06	1
Vanadium	70.	0.61	mg/kg	6010B	10/11/06	1
Zinc	3.6	1.8	mg/kg	6010B	10/11/06	1
Volatile Organics						
Acetone	BDL	0.061	mg/kg	8260B	10/11/06	1
Benzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromoform	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromomethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Carbon disulfide	BDL	0.0012	mg/kg	8260B	10/11/06	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chloroform	BDL	0.0061	mg/kg	8260B	10/11/06	1
Chloromethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dibromo-3-Chloropropane	BDL	0.0061	mg/kg	8260B	10/11/06	1

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REPORT OF ANALYSIS

October 12, 2006

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

ESC Sample # : L264053-07

Date Received : October 05, 2006
Description : Former Cermtec Plant 1

Site ID :

Sample ID : YL-1-2

Project # : 1267-06-669

Collected By : Scott Dacus
Collection Date : 10/04/06 13:15

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	10/11/06	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	10/11/06	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	10/11/06	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	10/11/06	1
2-Hexanone	BDL	0.012	mg/kg	8260B	10/11/06	1
Methylene Chloride	BDL	0.0061	mg/kg	8260B	10/11/06	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	10/11/06	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	10/11/06	1
Naphthalene	BDL	0.0061	mg/kg	8260B	10/11/06	1
Styrene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Toluene	BDL	0.0061	mg/kg	8260B	10/11/06	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	10/11/06	1
Xylenes, Total	BDL	0.0037	mg/kg	8260B	10/11/06	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2,3-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Surrogate Recovery						
Toluene-d8	84.7		% Rec.	8260B	10/11/06	1
Dibromofluoromethane	88.1		% Rec.	8260B	10/11/06	1
4-Bromofluorobenzene	84.8		% Rec.	8260B	10/11/06	1
Pesticide/PCBs						
Aldrin	BDL	0.024	mg/kg	8081/8082	10/09/06	1
Alpha BHC	BDL	0.024	mg/kg	8081/8082	10/09/06	1
Beta BHC	BDL	0.024	mg/kg	8081/8082	10/09/06	1
Delta BHC	BDL	0.024	mg/kg	8081/8082	10/09/06	1
Gamma BHC	BDL	0.024	mg/kg	8081/8082	10/09/06	1
Chlordane	BDL	0.24	mg/kg	8081/8082	10/09/06	1
4,4-DDD	BDL	0.024	mg/kg	8081/8082	10/09/06	1

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REPORT OF ANALYSIS

October 12, 2006

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : YL-1-2
Collected By : Scott Dacus
Collection Date : 10/04/06 13:15

ESC Sample # : L264053-07

Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
4,4-DDE	BDL	0.024	mg/kg	8081/8082	10/09/06	1
4,4-DDT	BDL	0.024	mg/kg	8081/8082	10/09/06	1
Dieldrin	BDL	0.024	mg/kg	8081/8082	10/09/06	1
Endosulfan I	BDL	0.024	mg/kg	8081/8082	10/09/06	1
Endosulfan II	BDL	0.024	mg/kg	8081/8082	10/09/06	1
Endosulfan sulfate	BDL	0.024	mg/kg	8081/8082	10/09/06	1
Endrin	BDL	0.024	mg/kg	8081/8082	10/09/06	1
Endrin aldehyde	BDL	0.024	mg/kg	8081/8082	10/09/06	1
Heptachlor	BDL	0.024	mg/kg	8081/8082	10/09/06	1
Heptachlor epoxide	BDL	0.024	mg/kg	8081/8082	10/09/06	1
Methoxychlor	BDL	0.024	mg/kg	8081/8082	10/09/06	1
Toxaphene	BDL	0.49	mg/kg	8081/8082	10/09/06	1
PCB 1016	BDL	0.021	mg/kg	8081/8082	10/10/06	1
PCB 1221	BDL	0.021	mg/kg	8081/8082	10/10/06	1
PCB 1232	BDL	0.021	mg/kg	8081/8082	10/10/06	1
PCB 1242	BDL	0.021	mg/kg	8081/8082	10/10/06	1
PCB 1248	BDL	0.021	mg/kg	8081/8082	10/10/06	1
PCB 1254	BDL	0.021	mg/kg	8081/8082	10/10/06	1
PCB 1260	BDL	0.021	mg/kg	8081/8082	10/10/06	1
Pest/PCBs Surrogates						
Decachlorobiphenyl	90.4		% Rec.	8081/8082	10/09/06	1
Tetrachloro-m-xylene	61.2		% Rec.	8081/8082	10/09/06	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.040	mg/kg	8270C	10/09/06	1
Acenaphthylene	BDL	0.040	mg/kg	8270C	10/09/06	1
Anthracene	BDL	0.040	mg/kg	8270C	10/09/06	1
Benzidine	BDL	0.40	mg/kg	8270C	10/09/06	1
Benzo(a)anthracene	BDL	0.040	mg/kg	8270C	10/09/06	1
Benzo(b)fluoranthene	BDL	0.040	mg/kg	8270C	10/09/06	1
Benzo(k)fluoranthene	BDL	0.040	mg/kg	8270C	10/09/06	1
Benzo(g,h,i)perylene	BDL	0.040	mg/kg	8270C	10/09/06	1
Benzo(a)pyrene	BDL	0.040	mg/kg	8270C	10/09/06	1
Bis(2-chlorethoxy)methane	BDL	0.40	mg/kg	8270C	10/09/06	1
Bis(2-chloroethyl)ether	BDL	0.40	mg/kg	8270C	10/09/06	1
Bis(2-chloroisopropyl)ether	BDL	0.40	mg/kg	8270C	10/09/06	1
4-Bromophenyl-phenylether	BDL	0.40	mg/kg	8270C	10/09/06	1
2-Chloronaphthalene	BDL	0.40	mg/kg	8270C	10/09/06	1
4-Chlorophenyl-phenylether	BDL	0.40	mg/kg	8270C	10/09/06	1
Chrysene	BDL	0.040	mg/kg	8270C	10/09/06	1
Dibenz(a,h)anthracene	BDL	0.040	mg/kg	8270C	10/09/06	1
3,3-Dichlorobenzidine	BDL	0.40	mg/kg	8270C	10/09/06	1
2,4-Dinitrotoluene	BDL	0.40	mg/kg	8270C	10/09/06	1
2,6-Dinitrotoluene	BDL	0.40	mg/kg	8270C	10/09/06	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

October 12, 2006

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

ESC Sample # : L264053-07

Date Received : October 05, 2006
Description : Former Cermtec Plant 1

Site ID :

Sample ID : YL-1-2

Project # : 1267-06-669

Collected By : Scott Dacus
Collection Date : 10/04/06 13:15

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Fluoranthene	BDL	0.040	mg/kg	8270C	10/09/06	1
Fluorene	BDL	0.040	mg/kg	8270C	10/09/06	1
Hexachlorobenzene	BDL	0.40	mg/kg	8270C	10/09/06	1
Hexachloro-1,3-butadiene	BDL	0.40	mg/kg	8270C	10/09/06	1
Hexachlorocyclopentadiene	BDL	0.40	mg/kg	8270C	10/09/06	1
Hexachloroethane	BDL	0.40	mg/kg	8270C	10/09/06	1
Indeno(1,2,3-cd)pyrene	BDL	0.040	mg/kg	8270C	10/09/06	1
Isophorone	BDL	0.40	mg/kg	8270C	10/09/06	1
2-Methylnaphthalene	BDL	0.40	mg/kg	8270C	10/09/06	1
Naphthalene	BDL	0.040	mg/kg	8270C	10/09/06	1
Nitrobenzene	BDL	0.40	mg/kg	8270C	10/09/06	1
n-Nitrosodimethylamine	BDL	0.061	mg/kg	8270C	10/09/06	1
n-Nitrosodiphenylamine	BDL	0.40	mg/kg	8270C	10/09/06	1
n-Nitrosodi-n-propylamine	BDL	0.40	mg/kg	8270C	10/09/06	1
Phenanthren	BDL	0.040	mg/kg	8270C	10/09/06	1
Benzylbutyl phthalate	BDL	0.40	mg/kg	8270C	10/09/06	1
Bis(2-ethylhexyl)phthalate	BDL	0.40	mg/kg	8270C	10/09/06	1
Di-n-butyl phthalate	BDL	0.40	mg/kg	8270C	10/09/06	1
Diethyl phthalate	BDL	0.40	mg/kg	8270C	10/09/06	1
Dimethyl phthalate	BDL	0.40	mg/kg	8270C	10/09/06	1
Di-n-octyl phthalate	BDL	0.40	mg/kg	8270C	10/09/06	1
Pyrene	BDL	0.040	mg/kg	8270C	10/09/06	1
1,2,4-Trichlorobenzene	BDL	0.40	mg/kg	8270C	10/09/06	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.40	mg/kg	8270C	10/09/06	1
2-Chlorophenol	BDL	0.40	mg/kg	8270C	10/09/06	1
2,4-Dichlorophenol	BDL	0.40	mg/kg	8270C	10/09/06	1
2,4-Dimethylphenol	BDL	0.40	mg/kg	8270C	10/09/06	1
4,6-Dinitro-2-methylphenol	BDL	0.40	mg/kg	8270C	10/09/06	1
2,4-Dinitropheno	BDL	0.40	mg/kg	8270C	10/09/06	1
2-Nitrophenol	BDL	0.40	mg/kg	8270C	10/09/06	1
4-Nitrophenol	BDL	0.40	mg/kg	8270C	10/09/06	1
Pentachlorophenol	BDL	0.40	mg/kg	8270C	10/09/06	1
Phenol	BDL	0.40	mg/kg	8270C	10/09/06	1
2,4,6-Trichlorophenol	BDL	0.40	mg/kg	8270C	10/09/06	1
Surrogate Recovery						
Nitrobenzene-d5	55.6	% Rec.	8270C	10/09/06	1	
2-Fluorobiphenyl	67.9	% Rec.	8270C	10/09/06	1	
p-Terphenyl-d14	77.2	% Rec.	8270C	10/09/06	1	
Phenol-d5	78.6	% Rec.	8270C	10/09/06	1	
2-Fluorophenol	56.7	% Rec.	8270C	10/09/06	1	
2,4,6-Tribromophenol	90.0	% Rec.	8270C	10/09/06	1	

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : YL-1-10
Collected By : Scott Dacus
Collection Date : 10/04/06 13:30

ESC Sample # : L264053-08
Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	83.8		%	2540G	10/12/06	1
Volatile Organics						
Acetone	BDL	0.060	mg/kg	8260B	10/11/06	1
Benzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromoform	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromomethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Carbon disulfide	BDL	0.0012	mg/kg	8260B	10/11/06	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chloroform	BDL	0.0060	mg/kg	8260B	10/11/06	1
Chloromethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dibromo-3-Chloropropane	BDL	0.0060	mg/kg	8260B	10/11/06	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	10/11/06	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	10/11/06	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	10/11/06	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	10/11/06	1
2-Hexanone	BDL	0.012	mg/kg	8260B	10/11/06	1
Methylene Chloride	BDL	0.0060	mg/kg	8260B	10/11/06	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	10/11/06	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	10/11/06	1
Naphthalene	BDL	0.0060	mg/kg	8260B	10/11/06	1
Styrene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Toluene	BDL	0.0060	mg/kg	8260B	10/11/06	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : YL-1-10
Collected By : Scott Dacus
Collection Date : 10/04/06 13:30

ESC Sample # : L264053-08

Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Vinyl chloride	BDL	0.0012	mg/kg	8260B	10/11/06	1
Xylenes, Total	BDL	0.0036	mg/kg	8260B	10/11/06	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2,3-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Surrogate Recovery						
Toluene-d8	86.0		% Rec.	8260B	10/11/06	1
Dibromofluoromethane	90.0		% Rec.	8260B	10/11/06	1
4-Bromofluorobenzene	89.4		% Rec.	8260B	10/11/06	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.039	mg/kg	8270C	10/09/06	1
Acenaphthylene	BDL	0.039	mg/kg	8270C	10/09/06	1
Anthracene	BDL	0.039	mg/kg	8270C	10/09/06	1
Benzidine	BDL	0.39	mg/kg	8270C	10/09/06	1
Benzo(a)anthracene	BDL	0.039	mg/kg	8270C	10/09/06	1
Benzo(b)fluoranthene	BDL	0.039	mg/kg	8270C	10/09/06	1
Benzo(k)fluoranthene	BDL	0.039	mg/kg	8270C	10/09/06	1
Benzo(g,h,i)perylene	BDL	0.039	mg/kg	8270C	10/09/06	1
Benzo(a)pyrene	BDL	0.039	mg/kg	8270C	10/09/06	1
Bis(2-chlorethoxy)methane	BDL	0.39	mg/kg	8270C	10/09/06	1
Bis(2-chloroethyl)ether	BDL	0.39	mg/kg	8270C	10/09/06	1
Bis(2-chloroisopropyl)ether	BDL	0.39	mg/kg	8270C	10/09/06	1
4-Bromophenyl-phenylether	BDL	0.39	mg/kg	8270C	10/09/06	1
2-Chloronaphthalene	BDL	0.39	mg/kg	8270C	10/09/06	1
4-Chlorophenyl-phenylether	BDL	0.39	mg/kg	8270C	10/09/06	1
Chrysene	BDL	0.039	mg/kg	8270C	10/09/06	1
Dibenz(a,h)anthracene	BDL	0.039	mg/kg	8270C	10/09/06	1
3,3-Dichlorobenzidine	BDL	0.39	mg/kg	8270C	10/09/06	1
2,4-Dinitrotoluene	BDL	0.39	mg/kg	8270C	10/09/06	1
2,6-Dinitrotoluene	BDL	0.39	mg/kg	8270C	10/09/06	1
Fluoranthene	BDL	0.039	mg/kg	8270C	10/09/06	1
Fluorene	BDL	0.039	mg/kg	8270C	10/09/06	1
Hexachlorobenzene	BDL	0.39	mg/kg	8270C	10/09/06	1
Hexachloro-1,3-butadiene	BDL	0.39	mg/kg	8270C	10/09/06	1
Hexachlorocyclopentadiene	BDL	0.39	mg/kg	8270C	10/09/06	1
Hexachloroethane	BDL	0.39	mg/kg	8270C	10/09/06	1
Indeno(1,2,3-cd)pyrene	BDL	0.039	mg/kg	8270C	10/09/06	1
Isophorone	BDL	0.39	mg/kg	8270C	10/09/06	1
2-Methylnaphthalene	BDL	0.39	mg/kg	8270C	10/09/06	1
Naphthalene	BDL	0.039	mg/kg	8270C	10/09/06	1
Nitrobenzene	BDL	0.39	mg/kg	8270C	10/09/06	1
n-Nitrosodimethylamine	BDL	0.060	mg/kg	8270C	10/09/06	1
n-Nitrosodiphenylamine	BDL	0.39	mg/kg	8270C	10/09/06	1
n-Nitrosodi-n-propylamine	BDL	0.39	mg/kg	8270C	10/09/06	1

Results listed are dry weight basis.

BDL - Below Detection Limit

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : YL-1-10
Collected By : Scott Dacus
Collection Date : 10/04/06 13:30

ESC Sample # : L264053-08

Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Phenanthrene	BDL	0.039	mg/kg	8270C	10/09/06	1
Benzylbutyl phthalate	BDL	0.39	mg/kg	8270C	10/09/06	1
Bis(2-ethylhexyl)phthalate	BDL	0.39	mg/kg	8270C	10/09/06	1
Di-n-butyl phthalate	BDL	0.39	mg/kg	8270C	10/09/06	1
Diethyl phthalate	BDL	0.39	mg/kg	8270C	10/09/06	1
Dimethyl phthalate	BDL	0.39	mg/kg	8270C	10/09/06	1
Di-n-octyl phthalate	BDL	0.39	mg/kg	8270C	10/09/06	1
Pyrene	BDL	0.039	mg/kg	8270C	10/09/06	1
1,2,4-Trichlorobenzene	BDL	0.39	mg/kg	8270C	10/09/06	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.39	mg/kg	8270C	10/09/06	1
2-Chlorophenol	BDL	0.39	mg/kg	8270C	10/09/06	1
2,4-Dichlorophenol	BDL	0.39	mg/kg	8270C	10/09/06	1
2,4-Dimethylphenol	BDL	0.39	mg/kg	8270C	10/09/06	1
4,6-Dinitro-2-methylphenol	BDL	0.39	mg/kg	8270C	10/09/06	1
2,4-Dinitrophenol	BDL	0.39	mg/kg	8270C	10/09/06	1
2-Nitrophenol	BDL	0.39	mg/kg	8270C	10/09/06	1
4-Nitrophenol	BDL	0.39	mg/kg	8270C	10/09/06	1
Pentachlorophenol	BDL	0.39	mg/kg	8270C	10/09/06	1
Phenol	BDL	0.39	mg/kg	8270C	10/09/06	1
2,4,6-Trichlorophenol	BDL	0.39	mg/kg	8270C	10/09/06	1
Surrogate Recovery						
Nitrobenzene-d5	47.5	% Rec.	8270C	10/09/06	1	
2-Fluorobiphenyl	64.2	% Rec.	8270C	10/09/06	1	
p-Terphenyl-d14	85.8	% Rec.	8270C	10/09/06	1	
Phenol-d5	66.1	% Rec.	8270C	10/09/06	1	
2-Fluorophenol	44.4	% Rec.	8270C	10/09/06	1	
2,4,6-Tribromophenol	87.0	% Rec.	8270C	10/09/06	1	

Results listed are dry weight basis.

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Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : TRIP BLANK
Collected By : Scott Dacus
Collection Date : 10/04/06 00:00

ESC Sample # : L264053-09

Site ID :

Project # : 1267-06-669

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	10/07/06	1
Benzene	BDL	1.0	ug/l	8260B	10/07/06	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	10/07/06	1
Bromoform	BDL	1.0	ug/l	8260B	10/07/06	1
Bromomethane	BDL	1.0	ug/l	8260B	10/07/06	1
Carbon disulfide	BDL	1.0	ug/l	8260B	10/07/06	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	10/07/06	1
Chlorobenzene	BDL	1.0	ug/l	8260B	10/07/06	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	10/07/06	1
Chloroethane	BDL	1.0	ug/l	8260B	10/07/06	1
Chloroform	BDL	5.0	ug/l	8260B	10/07/06	1
Chloromethane	BDL	1.0	ug/l	8260B	10/07/06	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	10/07/06	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	10/07/06	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/07/06	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/07/06	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/07/06	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	10/07/06	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	10/07/06	1
1,1-Dichloroethene	BDL	1.0	ug/l	8260B	10/07/06	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	10/07/06	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	10/07/06	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	10/07/06	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	10/07/06	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	10/07/06	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	10/07/06	1
Ethylbenzene	BDL	1.0	ug/l	8260B	10/07/06	1
2-Butanone (MEK)	BDL	10.	ug/l	8260B	10/07/06	1
2-Hexanone	BDL	10.	ug/l	8260B	10/07/06	1
Methylene Chloride	BDL	5.0	ug/l	8260B	10/12/06	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	10/07/06	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	10/07/06	1
Naphthalene	BDL	5.0	ug/l	8260B	10/07/06	1
Styrene	BDL	1.0	ug/l	8260B	10/07/06	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	10/07/06	1
Tetrachloroethene	BDL	1.0	ug/l	8260B	10/07/06	1
Toluene	BDL	5.0	ug/l	8260B	10/07/06	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	10/07/06	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	10/07/06	1
Trichloroethene	BDL	1.0	ug/l	8260B	10/07/06	1
Vinyl chloride	BDL	1.0	ug/l	8260B	10/07/06	1
Xylenes, Total	BDL	3.0	ug/l	8260B	10/07/06	1
1,1,2-Trichloro-1,2,2-Trifluoro	BDL	1.0	ug/l	8260B	10/07/06	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



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REPORT OF ANALYSIS

October 12, 2006

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

ESC Sample # : L264053-09

Date Received : October 05, 2006
Description : Former Cermtec Plant 1

Site ID :

Sample ID : TRIP BLANK

Project # : 1267-06-669

Collected By : Scott Dacus
Collection Date : 10/04/06 00:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	10/07/06	1
Surrogate Recovery						
Toluene-d8	104.		% Rec.	8260B	10/07/06	1
Dibromofluoromethane	95.7		% Rec.	8260B	10/07/06	1
4-Bromofluorobenzene	77.4		% Rec.	8260B	10/07/06	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted.
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Reported: 10/12/06 14:40 Printed: 10/12/06 18:23

Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L264053-01	Benzidine	J3
	Hexachlorocyclopentadiene	J4J3
	4,6-Dinitro-2-methylphenol	J3
	2,4-Dinitrophenol	J3
	2,4,6-Tribromophenol	J2
L264053-02	Benzidine	J3
	Hexachlorocyclopentadiene	J4J3
	4,6-Dinitro-2-methylphenol	J3
	2,4-Dinitrophenol	J3
L264053-03	Aluminum	V
	Antimony	J6
	Beryllium	O
	Iron	J3
	Potassium	J5J3
	Silver	O
	Thallium	J6O
	Endrin aldehyde	J4
	Benzidine	J3
	Hexachlorocyclopentadiene	J4J3
	4,6-Dinitro-2-methylphenol	J3
	2,4-Dinitrophenol	J3
L264053-04	Benzidine	J3
	Hexachlorocyclopentadiene	J4J3
	4,6-Dinitro-2-methylphenol	J3
	2,4-Dinitrophenol	J3
L264053-05	Benzidine	J3
	Hexachlorocyclopentadiene	J4J3
	4,6-Dinitro-2-methylphenol	J3
	2,4-Dinitrophenol	J3
L264053-06	Benzidine	J3
	Hexachlorocyclopentadiene	J4J3
	4,6-Dinitro-2-methylphenol	J3
	2,4-Dinitrophenol	J3
L264053-07	Beryllium	O
	Silver	O
	Aldrin	J3
	Beta BHC	J3
	Delta BHC	J3
	Gamma BHC	J3
	Chlordane	J3
	4,4-DDD	J3
	4,4-DDE	J3
	4,4-DDT	J3
	Dieldrin	J3
	Endosulfan I	J3
	Endosulfan II	J3
	Endosulfan sulfate	J3
	Endrin	J3
	Endrin aldehyde	J3J4J6
	Heptachlor epoxide	J3
	Methoxychlor	J3
	Toxaphene	J3
	Benzidine	J3
	Hexachlorocyclopentadiene	J4J3
	4,6-Dinitro-2-methylphenol	J3
	2,4-Dinitrophenol	J3
L264053-08	Benzidine	J3
	Hexachlorocyclopentadiene	J4J3
	4,6-Dinitro-2-methylphenol	J3
	2,4-Dinitrophenol	J3
L264053-09	4-Bromofluorobenzene	J2

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits
J3	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low
J4	The associated batch QC was outside the established quality control range for accuracy.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high
O	(ESC) Sample diluted due to matrix interferences that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.
V	(ESC) - Additional QC Info: The sample concentration is too high to evaluate accurate spike recoveries.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

	Control Limits	(AQ)	(SS)			
2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	Dibromfluoromethane	68-128	64-125
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	76-115	69-118
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene	79-127	61-134

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

S&ME Inc. - Spartanburg SC		Alternate billing information:						
155 Tradd Street Spartanburg,SC 29301								
Report to:	Scott Dacus	Email:	sdacus@smeinc.com					
Project Description:	Former Cermitec Plant 1	City/State Collected	SC					
Phone:	(864) 574-2360	Client Project #:	Lab Project #					
FAX:	(864) 576-8730		SMESPAR-126706669					
Collected by (print):	Scott Dacus	Site/Facility ID#:	P.O.#:					
Collected by (signature): <i>Scott Dacus</i>	Rush? (Lab MUST Be Notified)		Date Results Needed					
Packed on Ice N <u>Y</u>	Same Day — Next Day — Two Day — Three Day	200% 100% 50% 25%	<input type="checkbox"/> Email? FAX?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	No. of Crnts	
Sample ID	Comp/Grab	Matrix*	Depth	Date	Time			
BL-1-2	Grav	SS		10/15	97	X	X	
BL-1-10		SS		10/20	97	X	X	
BL-2-2		SS		11/00	9	X	X	
BL-2-10		SS		11/10	97	X	X	
IS-1-5		SS		12/00	7	X	X	
IS-1-10		SS		13/00	7	X	X	
YL-1-2		SS		13/15	79	X	X	
YL-1-10		SS		13/30	7	X	X	
		SS			7	X	X	
CN 250mLHDPE Amb-NaOH								
SVOC's 1L Amb-NoPres								
CN 20zClr-NoPres								
SVOC's 40zClr-NoPres								
SVOC+Pest/PCB 40zClr-NoPres								
TAL Metals 20zClr-NoPres								
TAL Metals 500mLHDPE-HNO3								
TS 20zClr-NoPres								
Acnum: SMESPAR (Lab use only) Template/Printin T39374/P189747 Cooler #: Shipped Via: FedEx Standard								
Remarks/Contaminant Sample # (Lab only)								
126405330								
Flow _____ Other _____								
pH _____ Temp _____								
Remarks: <i>8536 6614 5357</i>								
*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other								
Relinquished by: (Signature) Date: 10/4/06 Time: 10:30 Received by: (Signature) Condition: (Lab use only) <input checked="" type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier <input type="checkbox"/>								
Relinquished by: (Signature) Date: 10/5/06 Time: 09:00 Received by: (Signature) Condition: (Lab use only) <input checked="" type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier <input type="checkbox"/> Bottles Received: 60413 Temp: 37.1 Date: 10/5/06 Time: 09:00 pH Checked: NCE: <i>SC</i>								

S&ME Inc. - Spartanburg SC

Alternate billing information:

155 Tradd Street
Spartanburg, SC 29301

Analysis/Container/Preservative

Prepared by:
 ENVIRONMENTAL

SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

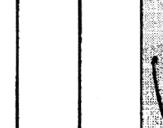
Acetinum: SMESPAR (lab use only)
Template/Prologn T39374 P189747
Cooler #
Shipped Via: FedEx Standard

VOC Screen 2ozCfr-Nopres
V8260SC 40mLAmB-HCl-BIK
V8260SC 40mLAmB-HClI
V8260SC 40mLNABIS/SY/MEOH

Chain of Custody
Page 2 of 2

Report to:	Scott Dacus	Email:	sdacus@smeinc.com
Project Description:	Former Cermitec Plant 1	City/State Collected	SC
Phone:	(864) 574-2360	Client Project #:	1267-06-669
FAX:	(864) 576-8730	Site/Facility ID#:	P.O. #:
Collected by (print):		Collected by (signature):	
Packed on Ice N Y	Y	Rush? (Lab MUST Be Notified)	Date Results Needed
		Same Day 200%	Email? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
		Next Day 100%	FAX? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
		Two Day 50%	No. of Cntrs
		Three Day 25%	

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	Remarks/Contaminant	Sample # (lab only)
BL-1-2	Grabs	SS		10/4/00	97	X	1264083-0
BL-1-10		SS		10/30	97	X	
BL-2-2		SS		11/00	9	X	
BL-2-10		SS		11/10	97	X	
IS-1-5		SS		12/50	7	X	
IS-1-10		SS		13/00	7	X	
YL-1-2		SS		13/15	19	X	
YL-1-10		SS		13/30	7	X	
Trip Blank		SS		11		X	

Reinquished by: (Signature) 	Date: 10/4/00	Time: 1830	Received by: (Signature) 	Condition: <input type="checkbox"/> UPS <input type="checkbox"/> Courier
Reinquished by: (Signature) 	Date: 10/4/00	Time: 1830	Received By: (Signature) 	Temp: 3.7 Bottles Received: 60/75
Reinquished by: (Signature) 	Date: 10/5/00	Time: 09100	Received for lab by: (Signature) 	pH Checked: NCF
Remarks:	pH _____ Temp _____ Flow _____ Other _____			



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Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

Report Summary

Thursday October 12, 2006

Report Number: L264055

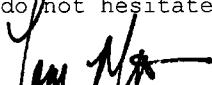
Samples Received: 10/05/06

Client Project: 1267-06-669

Description: Former Cermtec Plant 1

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Reviewed By:


Tom Mellette, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910



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REPORT OF ANALYSIS

October 12, 2006

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

ESC Sample # : L264055-01

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : OS-1-1
Collected By : Scott Dacus
Collection Date : 10/04/06 13:55

Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Cyanide	BDL	0.32	mg/kg	9012	10/11/06	1
Total Solids	77.9		%	2540G	10/12/06	1
Mercury	BDL	0.026	mg/kg	7471	10/06/06	1
Aluminum	9400	13.	mg/kg	6010B	10/12/06	2
Antimony	7.2	2.6	mg/kg	6010B	10/12/06	2
Arsenic	BDL	2.6	mg/kg	6010B	10/12/06	2
Barium	320	0.64	mg/kg	6010B	10/12/06	2
Beryllium	BDL	0.26	mg/kg	6010B	10/12/06	2
Cadmium	2.7	0.64	mg/kg	6010B	10/12/06	2
Calcium	900	64.	mg/kg	6010B	10/12/06	2
Chromium	150	1.3	mg/kg	6010B	10/12/06	2
Cobalt	9.5	1.3	mg/kg	6010B	10/12/06	2
Copper	13.	2.6	mg/kg	6010B	10/12/06	2
Iron	33000	13.	mg/kg	6010B	10/12/06	2
Lead	25.	0.64	mg/kg	6010B	10/12/06	2
Magnesium	260	13.	mg/kg	6010B	10/12/06	2
Manganese	1400	1.3	mg/kg	6010B	10/12/06	2
Nickel	52.	2.6	mg/kg	6010B	10/12/06	2
Potassium	270	32.	mg/kg	6010B	10/12/06	1
Selenium	BDL	2.6	mg/kg	6010B	10/12/06	2
Silver	BDL	1.3	mg/kg	6010B	10/12/06	2
Sodium	BDL	32.	mg/kg	6010B	10/12/06	1
Thallium	BDL	2.6	mg/kg	6010B	10/12/06	2
Vanadium	80.	1.3	mg/kg	6010B	10/12/06	2
Zinc	5.8	3.8	mg/kg	6010B	10/12/06	2
Volatile Organics						
Acetone	BDL	0.064	mg/kg	8260B	10/11/06	1
Benzene	BDL	0.0013	mg/kg	8260B	10/11/06	1
Bromobenzene	BDL	0.0013	mg/kg	8260B	10/11/06	1
Bromodichloromethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
Bromoform	BDL	0.0013	mg/kg	8260B	10/11/06	1
Bromomethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
Carbon disulfide	BDL	0.0013	mg/kg	8260B	10/11/06	1
Carbon tetrachloride	BDL	0.0013	mg/kg	8260B	10/11/06	1
Chlorobenzene	BDL	0.0013	mg/kg	8260B	10/11/06	1
Chlorodibromomethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
Chloroethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
Chloroform	BDL	0.0064	mg/kg	8260B	10/11/06	1
Chloromethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,2-Dibromo-3-Chloropropane	BDL	0.0064	mg/kg	8260B	10/11/06	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : OS-1-1
Collected By : Scott Dacus
Collection Date : 10/04/06 13:55

ESC Sample # : L264055-01
Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,2-Dibromoethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,2-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,3-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,4-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,1-Dichloroethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,2-Dichloroethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,1-Dichloroethene	BDL	0.0013	mg/kg	8260B	10/11/06	1
cis-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	10/11/06	1
trans-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,2-Dichloropropane	BDL	0.0013	mg/kg	8260B	10/11/06	1
cis-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	10/11/06	1
trans-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	10/11/06	1
Di-isopropyl ether	BDL	0.0013	mg/kg	8260B	10/11/06	1
Ethylbenzene	BDL	0.0013	mg/kg	8260B	10/11/06	1
2-Butanone (MEK)	BDL	0.013	mg/kg	8260B	10/11/06	1
2-Hexanone	BDL	0.013	mg/kg	8260B	10/11/06	1
Methylene Chloride	BDL	0.0064	mg/kg	8260B	10/11/06	1
4-Methyl-2-pentanone (MIBK)	BDL	0.013	mg/kg	8260B	10/11/06	1
Methyl tert-butyl ether	BDL	0.0013	mg/kg	8260B	10/11/06	1
Naphthalene	BDL	0.0064	mg/kg	8260B	10/11/06	1
Styrene	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,1,2,2-Tetrachloroethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
Tetrachloroethene	BDL	0.0013	mg/kg	8260B	10/11/06	1
Toluene	BDL	0.0064	mg/kg	8260B	10/11/06	1
1,1,1-Trichloroethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,1,2-Trichloroethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
Trichloroethene	BDL	0.0013	mg/kg	8260B	10/11/06	1
Vinyl chloride	BDL	0.0013	mg/kg	8260B	10/11/06	1
Xylenes, Total	BDL	0.0038	mg/kg	8260B	10/11/06	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,2,3-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	10/11/06	1
Surrogate Recovery						
Toluene-d8	86.2		% Rec.	8260B	10/11/06	1
Dibromofluoromethane	89.5		% Rec.	8260B	10/11/06	1
4-Bromofluorobenzene	86.2		% Rec.	8260B	10/11/06	1
Pesticide/PCBs						
Aldrin	BDL	0.026	mg/kg	8081/8082	10/09/06	1
Alpha BHC	BDL	0.026	mg/kg	8081/8082	10/09/06	1
Beta BHC	BDL	0.026	mg/kg	8081/8082	10/09/06	1
Delta BHC	BDL	0.026	mg/kg	8081/8082	10/09/06	1
Gamma BHC	BDL	0.026	mg/kg	8081/8082	10/09/06	1
Chlordane	BDL	0.26	mg/kg	8081/8082	10/09/06	1
4,4-DDD	BDL	0.026	mg/kg	8081/8082	10/09/06	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : OS-1-1
Collected By : Scott Dacus
Collection Date : 10/04/06 13:55

ESC Sample # : L264055-01
Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
4,4-DDE	BDL	0.026	mg/kg	8081/8082	10/09/06	1
4,4-DDT	BDL	0.026	mg/kg	8081/8082	10/09/06	1
Dieldrin	BDL	0.026	mg/kg	8081/8082	10/09/06	1
Endosulfan I	BDL	0.026	mg/kg	8081/8082	10/09/06	1
Endosulfan II	BDL	0.026	mg/kg	8081/8082	10/09/06	1
Endosulfan sulfate	BDL	0.026	mg/kg	8081/8082	10/09/06	1
Endrin	BDL	0.026	mg/kg	8081/8082	10/09/06	1
Endrin aldehyde	BDL	0.026	mg/kg	8081/8082	10/09/06	1
Heptachlor	BDL	0.026	mg/kg	8081/8082	10/09/06	1
Heptachlor epoxide	BDL	0.026	mg/kg	8081/8082	10/09/06	1
Methoxychlor	BDL	0.026	mg/kg	8081/8082	10/09/06	1
Toxaphene	BDL	0.51	mg/kg	8081/8082	10/09/06	1
PCB 1016	BDL	0.022	mg/kg	8081/8082	10/10/06	1
PCB 1221	BDL	0.022	mg/kg	8081/8082	10/10/06	1
PCB 1232	BDL	0.022	mg/kg	8081/8082	10/10/06	1
PCB 1242	BDL	0.022	mg/kg	8081/8082	10/10/06	1
PCB 1248	BDL	0.022	mg/kg	8081/8082	10/10/06	1
PCB 1254	BDL	0.022	mg/kg	8081/8082	10/10/06	1
PCB 1260	0.15	0.022	mg/kg	8081/8082	10/10/06	1
Pest/PCBs Surrogates						
Decachlorobiphenyl	66.4		% Rec.	8081/8082	10/09/06	1
Tetrachloro-m-xylene	81.9		% Rec.	8081/8082	10/09/06	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.042	mg/kg	8270C	10/09/06	1
Acenaphthylene	BDL	0.042	mg/kg	8270C	10/09/06	1
Anthracene	BDL	0.042	mg/kg	8270C	10/09/06	1
Benzidine	BDL	0.42	mg/kg	8270C	10/09/06	1
Benzo(a)anthracene	BDL	0.042	mg/kg	8270C	10/09/06	1
Benzo(b)fluoranthene	BDL	0.042	mg/kg	8270C	10/09/06	1
Benzo(k)fluoranthene	BDL	0.042	mg/kg	8270C	10/09/06	1
Benzo(g,h,i)perylene	BDL	0.042	mg/kg	8270C	10/09/06	1
Benzo(a)pyrene	BDL	0.042	mg/kg	8270C	10/09/06	1
Bis(2-chlorethoxy)methane	BDL	0.42	mg/kg	8270C	10/09/06	1
Bis(2-chloroethyl)ether	BDL	0.42	mg/kg	8270C	10/09/06	1
Bis(2-chloroisopropyl)ether	BDL	0.42	mg/kg	8270C	10/09/06	1
4-Bromophenyl-phenylether	BDL	0.42	mg/kg	8270C	10/09/06	1
2-Chloronaphthalene	BDL	0.42	mg/kg	8270C	10/09/06	1
4-Chlorophenyl-phenylether	BDL	0.42	mg/kg	8270C	10/09/06	1
Chrysene	BDL	0.042	mg/kg	8270C	10/09/06	1
Dibenz(a,h)anthracene	BDL	0.042	mg/kg	8270C	10/09/06	1
3,3-Dichlorobenzidine	BDL	0.42	mg/kg	8270C	10/09/06	1
2,4-Dinitrotoluene	BDL	0.42	mg/kg	8270C	10/09/06	1
2,6-Dinitrotoluene	BDL	0.42	mg/kg	8270C	10/09/06	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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Est. 1970

REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : OS-1-1
Collected By : Scott Dacus
Collection Date : 10/04/06 13:55

ESC Sample # : L264055-01

Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Fluoranthene	BDL	0.042	mg/kg	8270C	10/09/06	1
Fluorene	BDL	0.042	mg/kg	8270C	10/09/06	1
Hexachlorobenzene	BDL	0.42	mg/kg	8270C	10/09/06	1
Hexachloro-1,3-butadiene	BDL	0.42	mg/kg	8270C	10/09/06	1
Hexachlorocyclopentadiene	BDL	0.42	mg/kg	8270C	10/09/06	1
Hexachloroethane	BDL	0.42	mg/kg	8270C	10/09/06	1
Indeno(1,2,3-cd)pyrene	BDL	0.042	mg/kg	8270C	10/09/06	1
Isophorone	BDL	0.42	mg/kg	8270C	10/09/06	1
2-Methylnaphthalene	BDL	0.42	mg/kg	8270C	10/09/06	1
Naphthalene	BDL	0.042	mg/kg	8270C	10/09/06	1
Nitrobenzene	BDL	0.42	mg/kg	8270C	10/09/06	1
n-Nitrosodimethylamine	BDL	0.064	mg/kg	8270C	10/09/06	1
n-Nitrosodiphenylamine	BDL	0.42	mg/kg	8270C	10/09/06	1
n-Nitrosodi-n-propylamine	BDL	0.42	mg/kg	8270C	10/09/06	1
Phenanthrene	BDL	0.042	mg/kg	8270C	10/09/06	1
Benzylbutyl phthalate	BDL	0.42	mg/kg	8270C	10/09/06	1
Bis(2-ethylhexyl)phthalate	BDL	0.42	mg/kg	8270C	10/09/06	1
Di-n-butyl phthalate	BDL	0.42	mg/kg	8270C	10/09/06	1
Diethyl phthalate	BDL	0.42	mg/kg	8270C	10/09/06	1
Dimethyl phthalate	BDL	0.42	mg/kg	8270C	10/09/06	1
Di-n-octyl phthalate	BDL	0.42	mg/kg	8270C	10/09/06	1
Pyrene	BDL	0.042	mg/kg	8270C	10/09/06	1
1,2,4-Trichlorobenzene	BDL	0.42	mg/kg	8270C	10/09/06	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.42	mg/kg	8270C	10/09/06	1
2-Chlorophenol	BDL	0.42	mg/kg	8270C	10/09/06	1
2,4-Dichlorophenol	BDL	0.42	mg/kg	8270C	10/09/06	1
2,4-Dimethylphenol	BDL	0.42	mg/kg	8270C	10/09/06	1
4,6-Dinitro-2-methylphenol	BDL	0.42	mg/kg	8270C	10/09/06	1
2,4-Dinitrophenol	BDL	0.42	mg/kg	8270C	10/09/06	1
2-Nitrophenol	BDL	0.42	mg/kg	8270C	10/09/06	1
4-Nitrophenol	BDL	0.42	mg/kg	8270C	10/09/06	1
Pentachlorophenol	BDL	0.42	mg/kg	8270C	10/09/06	1
Phenol	BDL	0.42	mg/kg	8270C	10/09/06	1
2,4,6-Trichlorophenol	BDL	0.42	mg/kg	8270C	10/09/06	1
Surrogate Recovery						
Nitrobenzene-d5	56.0		% Rec.	8270C	10/09/06	1
2-Fluorobiphenyl	69.7		% Rec.	8270C	10/09/06	1
p-Terphenyl-d14	86.5		% Rec.	8270C	10/09/06	1
Phenol-d5	82.0		% Rec.	8270C	10/09/06	1
2-Fluorophenol	58.8		% Rec.	8270C	10/09/06	1
2,4,6-Tribromophenol	99.1		% Rec.	8270C	10/09/06	1

Results listed are dry weight basis.

BDL - Below Detection Limit

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REPORT OF ANALYSIS

October 12, 2006

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : OS-1-12
Collected By : Scott Dacus
Collection Date : 10/04/06 14:10

ESC Sample # : L264055-02

Site ID :

Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	77.3		%	2540G	10/12/06	1
Mercury	BDL	0.026	mg/kg	7471	10/06/06	1
Aluminum	6100	13.	mg/kg	6010B	10/12/06	2
Antimony	10.	2.6	mg/kg	6010B	10/12/06	2
Arsenic	BDL	2.6	mg/kg	6010B	10/12/06	2
Barium	9.9	0.65	mg/kg	6010B	10/12/06	2
Beryllium	BDL	0.26	mg/kg	6010B	10/12/06	2
Cadmium	3.5	0.65	mg/kg	6010B	10/12/06	2
Calcium	530	65.	mg/kg	6010B	10/12/06	2
Chromium	190	1.3	mg/kg	6010B	10/12/06	2
Cobalt	3.2	1.3	mg/kg	6010B	10/12/06	2
Copper	20.	2.6	mg/kg	6010B	10/12/06	2
Iron	44000	13.	mg/kg	6010B	10/12/06	2
Lead	20.	0.65	mg/kg	6010B	10/12/06	2
Magnesium	180	13.	mg/kg	6010B	10/12/06	2
Manganese	30.	1.3	mg/kg	6010B	10/12/06	2
Nickel	48.	2.6	mg/kg	6010B	10/12/06	2
Potassium	60.	32.	mg/kg	6010B	10/12/06	1
Selenium	BDL	2.6	mg/kg	6010B	10/12/06	2
Silver	1.3	1.3	mg/kg	6010B	10/12/06	2
Sodium	BDL	32.	mg/kg	6010B	10/12/06	1
Thallium	BDL	2.6	mg/kg	6010B	10/12/06	2
Vanadium	110	1.3	mg/kg	6010B	10/12/06	2
Zinc	BDL	3.9	mg/kg	6010B	10/12/06	2
Volatile Organics						
Acetone	BDL	0.065	mg/kg	8260B	10/11/06	1
Benzene	BDL	0.0013	mg/kg	8260B	10/11/06	1
Bromobenzene	BDL	0.0013	mg/kg	8260B	10/11/06	1
Bromodichloromethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
Bromoform	BDL	0.0013	mg/kg	8260B	10/11/06	1
Bromomethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
Carbon disulfide	BDL	0.0013	mg/kg	8260B	10/11/06	1
Carbon tetrachloride	BDL	0.0013	mg/kg	8260B	10/11/06	1
Chlorobenzene	BDL	0.0013	mg/kg	8260B	10/11/06	1
Chlorodibromomethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
Chloroethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
Chloroform	BDL	0.0065	mg/kg	8260B	10/11/06	1
Chloromethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,2-Dibromo-3-Chloropropane	BDL	0.0065	mg/kg	8260B	10/11/06	1
1,2-Dibromoethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,2-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	10/11/06	1

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : OS-1-12
Collected By : Scott Dacus
Collection Date : 10/04/06 14:10

ESC Sample # : L264055-02
Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,3-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,4-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,1-Dichloroethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,2-Dichloroethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,1-Dichloroethene	BDL	0.0013	mg/kg	8260B	10/11/06	1
cis-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	10/11/06	1
trans-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,2-Dichloropropane	BDL	0.0013	mg/kg	8260B	10/11/06	1
cis-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	10/11/06	1
trans-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	10/11/06	1
Di-isopropyl ether	BDL	0.0013	mg/kg	8260B	10/11/06	1
Ethylbenzene	BDL	0.0013	mg/kg	8260B	10/11/06	1
2-Butanone (MEK)	BDL	0.013	mg/kg	8260B	10/11/06	1
2-Hexanone	BDL	0.013	mg/kg	8260B	10/11/06	1
Methylene Chloride	BDL	0.0065	mg/kg	8260B	10/11/06	1
4-Methyl-2-pentanone (MIBK)	BDL	0.013	mg/kg	8260B	10/11/06	1
Methyl tert-butyl ether	BDL	0.0013	mg/kg	8260B	10/11/06	1
Naphthalene	BDL	0.0065	mg/kg	8260B	10/11/06	1
Styrene	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,1,2,2-Tetrachloroethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
Tetrachloroethene	BDL	0.0013	mg/kg	8260B	10/11/06	1
Toluene	BDL	0.0065	mg/kg	8260B	10/11/06	1
1,1,1-Trichloroethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,1,2-Trichloroethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
Trichloroethene	BDL	0.0013	mg/kg	8260B	10/11/06	1
Vinyl chloride	BDL	0.0013	mg/kg	8260B	10/11/06	1
Xylenes, Total	BDL	0.0039	mg/kg	8260B	10/11/06	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,2,3-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	10/11/06	1
Surrogate Recovery						
Toluene-d8	84.7		% Rec.	8260B	10/11/06	1
Dibromofluoromethane	90.8		% Rec.	8260B	10/11/06	1
4-Bromofluorobenzene	89.3		% Rec.	8260B	10/11/06	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.043	mg/kg	8270C	10/09/06	1
Acenaphthylene	BDL	0.043	mg/kg	8270C	10/09/06	1
Anthracene	BDL	0.043	mg/kg	8270C	10/09/06	1
Benzidine	BDL	0.43	mg/kg	8270C	10/09/06	1
Benzo(a)anthracene	BDL	0.043	mg/kg	8270C	10/09/06	1
Benzo(b)fluoranthene	BDL	0.043	mg/kg	8270C	10/09/06	1
Benzo(k)fluoranthene	BDL	0.043	mg/kg	8270C	10/09/06	1
Benzo(g,h,i)perylene	BDL	0.043	mg/kg	8270C	10/09/06	1
Benzo(a)pyrene	BDL	0.043	mg/kg	8270C	10/09/06	1

Results listed are dry weight basis.

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REPORT OF ANALYSIS

October 12, 2006

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

ESC Sample # : L264055-02

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : OS-1-12
Collected By : Scott Dacus
Collection Date : 10/04/06 14:10

Site ID :

Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Bis(2-chlorethoxy)methane	BDL	0.43	mg/kg	8270C	10/09/06	1
Bis(2-chloroethyl)ether	BDL	0.43	mg/kg	8270C	10/09/06	1
Bis(2-chloroisopropyl)ether	BDL	0.43	mg/kg	8270C	10/09/06	1
4-Bromophenyl-phenylether	BDL	0.43	mg/kg	8270C	10/09/06	1
2-Chloronaphthalene	BDL	0.43	mg/kg	8270C	10/09/06	1
4-Chlorophenyl-phenylether	BDL	0.43	mg/kg	8270C	10/09/06	1
Chrysene	BDL	0.043	mg/kg	8270C	10/09/06	1
Dibenz(a,h)anthracene	BDL	0.043	mg/kg	8270C	10/09/06	1
3,3-Dichlorobenzidine	BDL	0.43	mg/kg	8270C	10/09/06	1
2,4-Dinitrotoluene	BDL	0.43	mg/kg	8270C	10/09/06	1
2,6-Dinitrotoluene	BDL	0.43	mg/kg	8270C	10/09/06	1
Fluoranthene	BDL	0.043	mg/kg	8270C	10/09/06	1
Fluorene	BDL	0.043	mg/kg	8270C	10/09/06	1
Hexachlorobenzene	BDL	0.43	mg/kg	8270C	10/09/06	1
Hexachloro-1,3-butadiene	BDL	0.43	mg/kg	8270C	10/09/06	1
Hexachlorocyclopentadiene	BDL	0.43	mg/kg	8270C	10/09/06	1
Hexachloroethane	BDL	0.43	mg/kg	8270C	10/09/06	1
Indeno(1,2,3-cd)pyrene	BDL	0.043	mg/kg	8270C	10/09/06	1
Isophorone	BDL	0.43	mg/kg	8270C	10/09/06	1
2-Methylnaphthalene	BDL	0.43	mg/kg	8270C	10/09/06	1
Naphthalene	BDL	0.043	mg/kg	8270C	10/09/06	1
Nitrobenzene	BDL	0.43	mg/kg	8270C	10/09/06	1
n-Nitrosodimethylamine	BDL	0.065	mg/kg	8270C	10/09/06	1
n-Nitrosodiphenylamine	BDL	0.43	mg/kg	8270C	10/09/06	1
n-Nitrosodi-n-propylamine	BDL	0.43	mg/kg	8270C	10/09/06	1
Phenanthrene	BDL	0.043	mg/kg	8270C	10/09/06	1
Benzylbutyl phthalate	BDL	0.43	mg/kg	8270C	10/09/06	1
Bis(2-ethylhexyl)phthalate	BDL	0.43	mg/kg	8270C	10/09/06	1
Di-n-butyl phthalate	BDL	0.43	mg/kg	8270C	10/09/06	1
Diethyl phthalate	BDL	0.43	mg/kg	8270C	10/09/06	1
Dimethyl phthalate	BDL	0.43	mg/kg	8270C	10/09/06	1
Di-n-octyl phthalate	BDL	0.43	mg/kg	8270C	10/09/06	1
Pyrene	BDL	0.043	mg/kg	8270C	10/09/06	1
1,2,4-Trichlorobenzene	BDL	0.43	mg/kg	8270C	10/09/06	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.43	mg/kg	8270C	10/09/06	1
2-Chlorophenol	BDL	0.43	mg/kg	8270C	10/09/06	1
2,4-Dichlorophenol	BDL	0.43	mg/kg	8270C	10/09/06	1
2,4-Dimethylphenol	BDL	0.43	mg/kg	8270C	10/09/06	1
4,6-Dinitro-2-methylphenol	BDL	0.43	mg/kg	8270C	10/09/06	1
2,4-Dinitrophenol	BDL	0.43	mg/kg	8270C	10/09/06	1
2-Nitrophenol	BDL	0.43	mg/kg	8270C	10/09/06	1
4-Nitrophenol	BDL	0.43	mg/kg	8270C	10/09/06	1
Pentachlorophenol	BDL	0.43	mg/kg	8270C	10/09/06	1

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : OS-1-12
Collected By : Scott Dacus
Collection Date : 10/04/06 14:10

ESC Sample # : L264055-02
Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Phenol	BDL	0.43	mg/kg	8270C	10/09/06	1
2,4,6-Trichlorophenol	BDL	0.43	mg/kg	8270C	10/09/06	1
Surrogate Recovery						
Nitrobenzene-d5	47.7		% Rec.	8270C	10/09/06	1
2-Fluorobiphenyl	59.1		% Rec.	8270C	10/09/06	1
p-Terphenyl-d14	82.0		% Rec.	8270C	10/09/06	1
Phenol-d5	68.9		% Rec.	8270C	10/09/06	1
2-Fluorophenol	50.8		% Rec.	8270C	10/09/06	1
2,4,6-Tribromophenol	88.5		% Rec.	8270C	10/09/06	1

Results listed are dry weight basis.

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : OS-1-1A
Collected By : Scott Dacus
Collection Date : 10/04/06 14:20

ESC Sample # : L264055-03

Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Cyanide	BDL	0.29	mg/kg	9012	10/11/06	1
Total Solids	86.4		%	2540G	10/12/06	1
Mercury	BDL	0.023	mg/kg	7471	10/06/06	1
Aluminum	9200	29.	mg/kg	6010B	10/12/06	5
Antimony	13.	5.8	mg/kg	6010B	10/12/06	5
Arsenic	BDL	5.8	mg/kg	6010B	10/12/06	5
Barium	160	1.4	mg/kg	6010B	10/12/06	5
Beryllium	BDL	0.58	mg/kg	6010B	10/12/06	5
Cadmium	4.9	1.4	mg/kg	6010B	10/12/06	5
Calcium	540	140	mg/kg	6010B	10/12/06	5
Chromium	320	2.9	mg/kg	6010B	10/12/06	5
Cobalt	11.	2.9	mg/kg	6010B	10/12/06	5
Copper	26.	5.8	mg/kg	6010B	10/12/06	5
Iron	61000	29.	mg/kg	6010B	10/12/06	5
Lead	28.	1.4	mg/kg	6010B	10/12/06	5
Magnesium	1800	29.	mg/kg	6010B	10/12/06	5
Manganese	340	2.9	mg/kg	6010B	10/12/06	5
Nickel	99.	5.8	mg/kg	6010B	10/12/06	5
Potassium	1600	29.	mg/kg	6010B	10/12/06	1
Selenium	BDL	5.8	mg/kg	6010B	10/12/06	5
Silver	BDL	2.9	mg/kg	6010B	10/12/06	5
Sodium	BDL	29.	mg/kg	6010B	10/12/06	1
Thallium	BDL	5.8	mg/kg	6010B	10/12/06	5
Vanadium	130	2.9	mg/kg	6010B	10/12/06	5
Zinc	BDL	8.7	mg/kg	6010B	10/12/06	5
Volatile Organics						
Acetone	BDL	0.058	mg/kg	8260B	10/11/06	1
Benzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromoform	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromomethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Carbon disulfide	BDL	0.0012	mg/kg	8260B	10/11/06	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chloroform	BDL	0.0058	mg/kg	8260B	10/11/06	1
Chloromethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dibromo-3-Chloropropane	BDL	0.0058	mg/kg	8260B	10/11/06	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : OS-1-1A
Collected By : Scott Dacus
Collection Date : 10/04/06 14:20

ESC Sample # : L264055-03

Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	10/11/06	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	10/11/06	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	10/11/06	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	10/11/06	1
2-Hexanone	BDL	0.012	mg/kg	8260B	10/11/06	1
Methylene Chloride	BDL	0.0058	mg/kg	8260B	10/11/06	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	10/11/06	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	10/11/06	1
Naphthalene	BDL	0.0058	mg/kg	8260B	10/11/06	1
Styrene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Tetrachloroethene	0.0026	0.0012	mg/kg	8260B	10/11/06	1
Toluene	BDL	0.0058	mg/kg	8260B	10/11/06	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	10/11/06	1
Xylenes, Total	BDL	0.0035	mg/kg	8260B	10/11/06	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2,3-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Surrogate Recovery						
Toluene-d8	86.4		% Rec.	8260B	10/11/06	1
Dibromofluoromethane	92.9		% Rec.	8260B	10/11/06	1
4-Bromofluorobenzene	86.6		% Rec.	8260B	10/11/06	1
Pesticide/PCBs						
Aldrin	BDL	0.023	mg/kg	8081/8082	10/09/06	1
Alpha BHC	BDL	0.023	mg/kg	8081/8082	10/09/06	1
Beta BHC	BDL	0.023	mg/kg	8081/8082	10/09/06	1
Delta BHC	BDL	0.023	mg/kg	8081/8082	10/09/06	1
Gamma BHC	BDL	0.023	mg/kg	8081/8082	10/09/06	1
Chlordane	BDL	0.23	mg/kg	8081/8082	10/09/06	1
4,4-DDD	BDL	0.023	mg/kg	8081/8082	10/09/06	1

Results listed are dry weight basis.

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : OS-1-1A
Collected By : Scott Dacus
Collection Date : 10/04/06 14:20

ESC Sample # : L264055-03

Site ID :

Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
4,4-DDE	BDL	0.023	mg/kg	8081/8082	10/09/06	1
4,4-DDT	BDL	0.023	mg/kg	8081/8082	10/09/06	1
Dieldrin	BDL	0.023	mg/kg	8081/8082	10/09/06	1
Endosulfan I	BDL	0.023	mg/kg	8081/8082	10/09/06	1
Endosulfan II	BDL	0.023	mg/kg	8081/8082	10/09/06	1
Endosulfan sulfate	BDL	0.023	mg/kg	8081/8082	10/09/06	1
Endrin	BDL	0.023	mg/kg	8081/8082	10/09/06	1
Endrin aldehyde	BDL	0.023	mg/kg	8081/8082	10/09/06	1
Heptachlor	BDL	0.023	mg/kg	8081/8082	10/09/06	1
Heptachlor epoxide	BDL	0.023	mg/kg	8081/8082	10/09/06	1
Methoxychlor	BDL	0.023	mg/kg	8081/8082	10/09/06	1
Toxaphene	BDL	0.46	mg/kg	8081/8082	10/09/06	1
PCB 1016	BDL	0.020	mg/kg	8081/8082	10/10/06	1
PCB 1221	BDL	0.020	mg/kg	8081/8082	10/10/06	1
PCB 1232	BDL	0.020	mg/kg	8081/8082	10/10/06	1
PCB 1242	BDL	0.020	mg/kg	8081/8082	10/10/06	1
PCB 1248	BDL	0.020	mg/kg	8081/8082	10/10/06	1
PCB 1254	BDL	0.020	mg/kg	8081/8082	10/10/06	1
PCB 1260	0.030	0.020	mg/kg	8081/8082	10/10/06	1
Pest/PCBs Surrogates						
Decachlorobiphenyl	65.9		% Rec.	8081/8082	10/09/06	1
Tetrachloro-m-xylene	72.5		% Rec.	8081/8082	10/09/06	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.038	mg/kg	8270C	10/09/06	1
Acenaphthylene	BDL	0.038	mg/kg	8270C	10/09/06	1
Anthracene	BDL	0.038	mg/kg	8270C	10/09/06	1
Benzidine	BDL	0.38	mg/kg	8270C	10/09/06	1
Benzo(a)anthracene	BDL	0.038	mg/kg	8270C	10/09/06	1
Benzo(b)fluoranthene	BDL	0.038	mg/kg	8270C	10/09/06	1
Benzo(k)fluoranthene	BDL	0.038	mg/kg	8270C	10/09/06	1
Benzo(g,h,i)perylene	BDL	0.038	mg/kg	8270C	10/09/06	1
Benzo(a)pyrene	BDL	0.038	mg/kg	8270C	10/09/06	1
Bis(2-chlorethoxy)methane	BDL	0.38	mg/kg	8270C	10/09/06	1
Bis(2-chloroethyl)ether	BDL	0.38	mg/kg	8270C	10/09/06	1
Bis(2-chloroisopropyl)ether	BDL	0.38	mg/kg	8270C	10/09/06	1
4-Bromophenyl-phenylether	BDL	0.38	mg/kg	8270C	10/09/06	1
2-Chloronaphthalene	BDL	0.38	mg/kg	8270C	10/09/06	1
4-Chlorophenyl-phenylether	BDL	0.38	mg/kg	8270C	10/09/06	1
Chrysene	BDL	0.038	mg/kg	8270C	10/09/06	1
Dibenzo(a,h)anthracene	BDL	0.038	mg/kg	8270C	10/09/06	1
3,3-Dichlorobenzidine	BDL	0.38	mg/kg	8270C	10/09/06	1
2,4-Dinitrotoluene	BDL	0.38	mg/kg	8270C	10/09/06	1
2,6-Dinitrotoluene	BDL	0.38	mg/kg	8270C	10/09/06	1

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REPORT OF ANALYSIS

October 12, 2006

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : OS-1-1A
Collected By : Scott Dacus
Collection Date : 10/04/06 14:20

ESC Sample # : L264055-03

Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Fluoranthene	BDL	0.038	mg/kg	8270C	10/09/06	1
Fluorene	BDL	0.038	mg/kg	8270C	10/09/06	1
Hexachlorobenzene	BDL	0.38	mg/kg	8270C	10/09/06	1
Hexachloro-1,3-butadiene	BDL	0.38	mg/kg	8270C	10/09/06	1
Hexachlorocyclopentadiene	BDL	0.38	mg/kg	8270C	10/09/06	1
Hexachloroethane	BDL	0.38	mg/kg	8270C	10/09/06	1
Indeno(1,2,3-cd)pyrene	BDL	0.038	mg/kg	8270C	10/09/06	1
Isophorone	BDL	0.38	mg/kg	8270C	10/09/06	1
2-Methylnaphthalene	BDL	0.38	mg/kg	8270C	10/09/06	1
Naphthalene	BDL	0.038	mg/kg	8270C	10/09/06	1
Nitrobenzene	BDL	0.38	mg/kg	8270C	10/09/06	1
n-Nitrosodimethylamine	BDL	0.058	mg/kg	8270C	10/09/06	1
n-Nitrosodiphenylamine	BDL	0.38	mg/kg	8270C	10/09/06	1
n-Nitrosodi-n-propylamine	BDL	0.38	mg/kg	8270C	10/09/06	1
Phenanthrene	BDL	0.038	mg/kg	8270C	10/09/06	1
Benzylbutyl phthalate	BDL	0.38	mg/kg	8270C	10/09/06	1
Bis(2-ethylhexyl)phthalate	BDL	0.38	mg/kg	8270C	10/09/06	1
Di-n-butyl phthalate	BDL	0.38	mg/kg	8270C	10/09/06	1
Diethyl phthalate	BDL	0.38	mg/kg	8270C	10/09/06	1
Dimethyl phthalate	BDL	0.38	mg/kg	8270C	10/09/06	1
Di-n-octyl phthalate	BDL	0.38	mg/kg	8270C	10/09/06	1
Pyrene	BDL	0.038	mg/kg	8270C	10/09/06	1
1,2,4-Trichlorobenzene	BDL	0.38	mg/kg	8270C	10/09/06	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.38	mg/kg	8270C	10/09/06	1
2-Chlorophenol	BDL	0.38	mg/kg	8270C	10/09/06	1
2,4-Dichlorophenol	BDL	0.38	mg/kg	8270C	10/09/06	1
2,4-Dimethylphenol	BDL	0.38	mg/kg	8270C	10/09/06	1
4,6-Dinitro-2-methylphenol	BDL	0.38	mg/kg	8270C	10/09/06	1
2,4-Dinitrophenol	BDL	0.38	mg/kg	8270C	10/09/06	1
2-Nitrophenol	BDL	0.38	mg/kg	8270C	10/09/06	1
4-Nitrophenol	BDL	0.38	mg/kg	8270C	10/09/06	1
Pentachlorophenol	BDL	0.38	mg/kg	8270C	10/09/06	1
Phenol	BDL	0.38	mg/kg	8270C	10/09/06	1
2,4,6-Trichlorophenol	BDL	0.38	mg/kg	8270C	10/09/06	1
Surrogate Recovery						
Nitrobenzene-d5	54.3		% Rec.	8270C	10/09/06	1
2-Fluorobiphenyl	70.0		% Rec.	8270C	10/09/06	1
p-Terphenyl-d14	83.1		% Rec.	8270C	10/09/06	1
Phenol-d5	76.8		% Rec.	8270C	10/09/06	1
2-Fluorophenol	54.4		% Rec.	8270C	10/09/06	1
2,4,6-Tribromophenol	99.5		% Rec.	8270C	10/09/06	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : DS-1-1
Collected By : Scott Dacus
Collection Date : 10/04/06 14:45

ESC Sample # : L264055-04

Site ID :

Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	78.3		%	2540G	10/12/06	1
Volatile Organics						
Acetone	BDL	0.064	mg/kg	8260B	10/11/06	1
Benzene	BDL	0.0013	mg/kg	8260B	10/11/06	1
Bromobenzene	BDL	0.0013	mg/kg	8260B	10/11/06	1
Bromodichloromethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
Bromoform	BDL	0.0013	mg/kg	8260B	10/11/06	1
Bromomethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
Carbon disulfide	BDL	0.0013	mg/kg	8260B	10/11/06	1
Carbon tetrachloride	BDL	0.0013	mg/kg	8260B	10/11/06	1
Chlorobenzene	BDL	0.0013	mg/kg	8260B	10/11/06	1
Chlorodibromomethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
Chloroethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
Chloroform	BDL	0.0064	mg/kg	8260B	10/11/06	1
Chloromethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,2-Dibromo-3-Chloropropane	BDL	0.0064	mg/kg	8260B	10/11/06	1
1,2-Dibromoethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,2-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,3-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,4-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,1-Dichloroethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,2-Dichloroethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,1-Dichloroethene	BDL	0.0013	mg/kg	8260B	10/11/06	1
cis-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	10/11/06	1
trans-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,2-Dichloropropane	BDL	0.0013	mg/kg	8260B	10/11/06	1
cis-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	10/11/06	1
trans-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	10/11/06	1
Di-isopropyl ether	BDL	0.0013	mg/kg	8260B	10/11/06	1
Ethylbenzene	BDL	0.0013	mg/kg	8260B	10/11/06	1
2-Butanone (MEK)	BDL	0.013	mg/kg	8260B	10/11/06	1
2-Hexanone	BDL	0.013	mg/kg	8260B	10/11/06	1
Methylene Chloride	BDL	0.0064	mg/kg	8260B	10/11/06	1
4-Methyl-2-pentanone (MIBK)	BDL	0.013	mg/kg	8260B	10/11/06	1
Methyl tert-butyl ether	BDL	0.0013	mg/kg	8260B	10/11/06	1
Naphthalene	BDL	0.0064	mg/kg	8260B	10/11/06	1
Styrene	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,1,2,2-Tetrachloroethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
Tetrachloroethene	BDL	0.0013	mg/kg	8260B	10/11/06	1
Toluene	BDL	0.0064	mg/kg	8260B	10/11/06	1
1,1,1-Trichloroethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,1,2-Trichloroethane	BDL	0.0013	mg/kg	8260B	10/11/06	1
Trichloroethene	BDL	0.0013	mg/kg	8260B	10/11/06	1

Results listed are dry weight basis.

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : DS-1-1
Collected By : Scott Dacus
Collection Date : 10/04/06 14:45

ESC Sample # : L264055-04
Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Vinyl chloride	BDL	0.0013	mg/kg	8260B	10/11/06	1
Xylenes, Total	BDL	0.0038	mg/kg	8260B	10/11/06	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0013	mg/kg	8260B	10/11/06	1
1,2,3-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	10/11/06	1
Surrogate Recovery						
Toluene-d8	86.1		% Rec.	8260B	10/11/06	1
Dibromofluoromethane	91.4		% Rec.	8260B	10/11/06	1
4-Bromofluorobenzene	88.7		% Rec.	8260B	10/11/06	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.042	mg/kg	8270C	10/10/06	1
Acenaphthylene	BDL	0.042	mg/kg	8270C	10/10/06	1
Anthracene	BDL	0.042	mg/kg	8270C	10/10/06	1
Benzidine	BDL	0.42	mg/kg	8270C	10/10/06	1
Benzo(a)anthracene	BDL	0.042	mg/kg	8270C	10/10/06	1
Benzo(b)fluoranthene	BDL	0.042	mg/kg	8270C	10/10/06	1
Benzo(k)fluoranthene	BDL	0.042	mg/kg	8270C	10/10/06	1
Benzo(g,h,i)perylene	BDL	0.042	mg/kg	8270C	10/10/06	1
Benzo(a)pyrene	BDL	0.042	mg/kg	8270C	10/10/06	1
Bis(2-chlorethoxy)methane	BDL	0.42	mg/kg	8270C	10/10/06	1
Bis(2-chloroethyl)ether	BDL	0.42	mg/kg	8270C	10/10/06	1
Bis(2-chloroisopropyl)ether	BDL	0.42	mg/kg	8270C	10/10/06	1
4-Bromophenyl-phenylether	BDL	0.42	mg/kg	8270C	10/10/06	1
2-Chloronaphthalene	BDL	0.42	mg/kg	8270C	10/10/06	1
4-Chlorophenyl-phenylether	BDL	0.42	mg/kg	8270C	10/10/06	1
Chrysene	BDL	0.042	mg/kg	8270C	10/10/06	1
Dibenz(a,h)anthracene	BDL	0.042	mg/kg	8270C	10/10/06	1
3,3-Dichlorobenzidine	BDL	0.42	mg/kg	8270C	10/10/06	1
2,4-Dinitrotoluene	BDL	0.42	mg/kg	8270C	10/10/06	1
2,6-Dinitrotoluene	BDL	0.42	mg/kg	8270C	10/10/06	1
Fluoranthene	BDL	0.042	mg/kg	8270C	10/10/06	1
Fluorene	BDL	0.042	mg/kg	8270C	10/10/06	1
Hexachlorobenzene	BDL	0.42	mg/kg	8270C	10/10/06	1
Hexachloro-1,3-butadiene	BDL	0.42	mg/kg	8270C	10/10/06	1
Hexachlorocyclopentadiene	BDL	0.42	mg/kg	8270C	10/10/06	1
Hexachloroethane	BDL	0.42	mg/kg	8270C	10/10/06	1
Indeno(1,2,3-cd)pyrene	BDL	0.042	mg/kg	8270C	10/10/06	1
Isophorone	BDL	0.42	mg/kg	8270C	10/10/06	1
2-Methylnaphthalene	BDL	0.42	mg/kg	8270C	10/10/06	1
Naphthalene	BDL	0.042	mg/kg	8270C	10/10/06	1
Nitrobenzene	BDL	0.42	mg/kg	8270C	10/10/06	1
n-Nitrosodimethylamine	BDL	0.064	mg/kg	8270C	10/10/06	1
n-Nitrosodiphenylamine	BDL	0.42	mg/kg	8270C	10/10/06	1
n-Nitrosodi-n-propylamine	BDL	0.42	mg/kg	8270C	10/10/06	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

October 12, 2006

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : DS-1-1
Collected By : Scott Dacus
Collection Date : 10/04/06 14:45

ESC Sample # : L264055-04

Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Phenanthrene	BDL	0.042	mg/kg	8270C	10/10/06	1
Benzylbutyl phthalate	BDL	0.42	mg/kg	8270C	10/10/06	1
Bis(2-ethylhexyl)phthalate	BDL	0.42	mg/kg	8270C	10/10/06	1
Di-n-butyl phthalate	BDL	0.42	mg/kg	8270C	10/10/06	1
Diethyl phthalate	BDL	0.42	mg/kg	8270C	10/10/06	1
Dimethyl phthalate	BDL	0.42	mg/kg	8270C	10/10/06	1
Di-n-octyl phthalate	BDL	0.42	mg/kg	8270C	10/10/06	1
Pyrene	BDL	0.042	mg/kg	8270C	10/10/06	1
1,2,4-Trichlorobenzene	BDL	0.42	mg/kg	8270C	10/10/06	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.42	mg/kg	8270C	10/10/06	1
2-Chlorophenol	BDL	0.42	mg/kg	8270C	10/10/06	1
2,4-Dichlorophenol	BDL	0.42	mg/kg	8270C	10/10/06	1
2,4-Dimethylphenol	BDL	0.42	mg/kg	8270C	10/10/06	1
4,6-Dinitro-2-methylphenol	BDL	0.42	mg/kg	8270C	10/10/06	1
2,4-Dinitrophenol	BDL	0.42	mg/kg	8270C	10/10/06	1
2-Nitrophenol	BDL	0.42	mg/kg	8270C	10/10/06	1
4-Nitrophenol	BDL	0.42	mg/kg	8270C	10/10/06	1
Pentachlorophenol	BDL	0.42	mg/kg	8270C	10/10/06	1
Phenol	BDL	0.42	mg/kg	8270C	10/10/06	1
2,4,6-Trichlorophenol	BDL	0.42	mg/kg	8270C	10/10/06	1
Surrogate Recovery						
Nitrobenzene-d5	61.1	% Rec.	8270C	10/10/06	1	
2-Fluorobiphenyl	71.7	% Rec.	8270C	10/10/06	1	
p-Terphenyl-d14	88.2	% Rec.	8270C	10/10/06	1	
Phenol-d5	78.8	% Rec.	8270C	10/10/06	1	
2-Fluorophenol	56.9	% Rec.	8270C	10/10/06	1	
2,4,6-Tribromophenol	96.2	% Rec.	8270C	10/10/06	1	

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : DS-2-1
Collected By : Scott Dacus
Collection Date : 10/04/06 15:00

ESC Sample # : L264055-05

Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	84.2	%	2540G		10/12/06	1
Volatile Organics						
Acetone	BDL	0.059	mg/kg	8260B	10/11/06	1
Benzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromoform	BDL	0.0012	mg/kg	8260B	10/11/06	1
Bromomethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Carbon disulfide	BDL	0.0012	mg/kg	8260B	10/11/06	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Chloroform	BDL	0.0059	mg/kg	8260B	10/11/06	1
Chloromethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dibromo-3-Chloropropane	BDL	0.0059	mg/kg	8260B	10/11/06	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	10/11/06	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	10/11/06	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	10/11/06	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	10/11/06	1
2-Hexanone	BDL	0.012	mg/kg	8260B	10/11/06	1
Methylene Chloride	BDL	0.0059	mg/kg	8260B	10/11/06	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	10/11/06	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	10/11/06	1
Naphthalene	BDL	0.0059	mg/kg	8260B	10/11/06	1
Styrene	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Tetrachloroethene	0.0020	0.0012	mg/kg	8260B	10/11/06	1
Toluene	BDL	0.0059	mg/kg	8260B	10/11/06	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	10/11/06	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	10/11/06	1

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REPORT OF ANALYSIS

October 12, 2006

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : DS-2-1
Collected By : Scott Dacus
Collection Date : 10/04/06 15:00

ESC Sample # : L264055-05

Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Vinyl chloride	BDL	0.0012	mg/kg	8260B	10/11/06	1
Xylenes, Total	BDL	0.0036	mg/kg	8260B	10/11/06	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	10/11/06	1
1,2,3-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	10/11/06	1
Surrogate Recovery						
Toluene-d8	86.4		% Rec.	8260B	10/11/06	1
Dibromofluoromethane	88.3		% Rec.	8260B	10/11/06	1
4-Bromofluorobenzene	91.5		% Rec.	8260B	10/11/06	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.039	mg/kg	8270C	10/09/06	1
Acenaphthylene	BDL	0.039	mg/kg	8270C	10/09/06	1
Anthracene	BDL	0.039	mg/kg	8270C	10/09/06	1
Benzidine	BDL	0.39	mg/kg	8270C	10/09/06	1
Benzo(a)anthracene	BDL	0.039	mg/kg	8270C	10/09/06	1
Benzo(b)fluoranthene	BDL	0.039	mg/kg	8270C	10/09/06	1
Benzo(k)fluoranthene	BDL	0.039	mg/kg	8270C	10/09/06	1
Benzo(g,h,i)perylene	BDL	0.039	mg/kg	8270C	10/09/06	1
Benzo(a)pyrene	BDL	0.039	mg/kg	8270C	10/09/06	1
Bis(2-chlorethoxy)methane	BDL	0.39	mg/kg	8270C	10/09/06	1
Bis(2-chloroethyl)ether	BDL	0.39	mg/kg	8270C	10/09/06	1
Bis(2-chloroisopropyl)ether	BDL	0.39	mg/kg	8270C	10/09/06	1
4-Bromophenyl-phenylether	BDL	0.39	mg/kg	8270C	10/09/06	1
2-Chloronaphthalene	BDL	0.39	mg/kg	8270C	10/09/06	1
4-Chlorophenyl-phenylether	BDL	0.39	mg/kg	8270C	10/09/06	1
Chrysene	BDL	0.039	mg/kg	8270C	10/09/06	1
Dibenz(a,h)anthracene	BDL	0.039	mg/kg	8270C	10/09/06	1
3,3-Dichlorobenzidine	BDL	0.39	mg/kg	8270C	10/09/06	1
2,4-Dinitrotoluene	BDL	0.39	mg/kg	8270C	10/09/06	1
2,6-Dinitrotoluene	BDL	0.39	mg/kg	8270C	10/09/06	1
Fluoranthene	BDL	0.039	mg/kg	8270C	10/09/06	1
Fluorene	BDL	0.039	mg/kg	8270C	10/09/06	1
Hexachlorobenzene	BDL	0.39	mg/kg	8270C	10/09/06	1
Hexachloro-1,3-butadiene	BDL	0.39	mg/kg	8270C	10/09/06	1
Hexachlorocyclopentadiene	BDL	0.39	mg/kg	8270C	10/09/06	1
Hexachloroethane	BDL	0.39	mg/kg	8270C	10/09/06	1
Indeno(1,2,3-cd)pyrene	BDL	0.039	mg/kg	8270C	10/09/06	1
Isophorone	BDL	0.39	mg/kg	8270C	10/09/06	1
2-Methylnaphthalene	BDL	0.39	mg/kg	8270C	10/09/06	1
Naphthalene	BDL	0.039	mg/kg	8270C	10/09/06	1
Nitrobenzene	BDL	0.39	mg/kg	8270C	10/09/06	1
n-Nitrosodimethylamine	BDL	0.059	mg/kg	8270C	10/09/06	1
n-Nitrosodiphenylamine	BDL	0.39	mg/kg	8270C	10/09/06	1
n-Nitrosodi-n-propylamine	BDL	0.39	mg/kg	8270C	10/09/06	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : DS-2-1
Collected By : Scott Dacus
Collection Date : 10/04/06 15:00

ESC Sample # : L264055-05

Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Phenanthrene	BDL	0.039	mg/kg	8270C	10/09/06	1
Benzylbutyl phthalate	BDL	0.39	mg/kg	8270C	10/09/06	1
Bis(2-ethylhexyl)phthalate	BDL	0.39	mg/kg	8270C	10/09/06	1
Di-n-butyl phthalate	BDL	0.39	mg/kg	8270C	10/09/06	1
Diethyl phthalate	BDL	0.39	mg/kg	8270C	10/09/06	1
Dimethyl phthalate	BDL	0.39	mg/kg	8270C	10/09/06	1
Di-n-octyl phthalate	BDL	0.39	mg/kg	8270C	10/09/06	1
Pyrene	BDL	0.039	mg/kg	8270C	10/09/06	1
1,2,4-Trichlorobenzene	BDL	0.39	mg/kg	8270C	10/09/06	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.39	mg/kg	8270C	10/09/06	1
2-Chlorophenol	BDL	0.39	mg/kg	8270C	10/09/06	1
2,4-Dichlorophenol	BDL	0.39	mg/kg	8270C	10/09/06	1
2,4-Dimethylphenol	BDL	0.39	mg/kg	8270C	10/09/06	1
4,6-Dinitro-2-methylphenol	BDL	0.39	mg/kg	8270C	10/09/06	1
2,4-Dinitrophenol	BDL	0.39	mg/kg	8270C	10/09/06	1
2-Nitrophenol	BDL	0.39	mg/kg	8270C	10/09/06	1
4-Nitrophenol	BDL	0.39	mg/kg	8270C	10/09/06	1
Pentachlorophenol	BDL	0.39	mg/kg	8270C	10/09/06	1
Phenol	BDL	0.39	mg/kg	8270C	10/09/06	1
2,4,6-Trichlorophenol	BDL	0.39	mg/kg	8270C	10/09/06	1
Surrogate Recovery						
Nitrobenzene-d5	55.3	% Rec.	8270C	10/09/06	1	
2-Fluorobiphenyl	71.1	% Rec.	8270C	10/09/06	1	
p-Terphenyl-d14	84.7	% Rec.	8270C	10/09/06	1	
Phenol-d5	77.3	% Rec.	8270C	10/09/06	1	
2-Fluorophenol	55.3	% Rec.	8270C	10/09/06	1	
2,4,6-Tribromophenol	88.8	% Rec.	8270C	10/09/06	1	

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : SSL-1-16
Collected By : Scott Dacus
Collection Date : 10/04/06 15:40

ESC Sample # : L264055-06

Site ID :

Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	76.1		%	2540G	10/12/06	1
Mercury	BDL	0.026	mg/kg	7471	10/06/06	1
Aluminum	9600	6.6	mg/kg	6010B	10/12/06	1
Antimony	7.7	1.3	mg/kg	6010B	10/12/06	1
Arsenic	BDL	1.3	mg/kg	6010B	10/12/06	1
Barium	38.	0.33	mg/kg	6010B	10/12/06	1
Beryllium	BDL	0.13	mg/kg	6010B	10/12/06	1
Cadmium	2.6	0.33	mg/kg	6010B	10/12/06	1
Calcium	1600	33.	mg/kg	6010B	10/12/06	1
Chromium	150	0.66	mg/kg	6010B	10/12/06	1
Cobalt	37.	0.66	mg/kg	6010B	10/12/06	1
Copper	24.	1.3	mg/kg	6010B	10/12/06	1
Iron	32000	6.6	mg/kg	6010B	10/12/06	1
Lead	18.	0.33	mg/kg	6010B	10/12/06	1
Magnesium	500	6.6	mg/kg	6010B	10/12/06	1
Manganese	340	0.66	mg/kg	6010B	10/12/06	1
Nickel	55.	1.3	mg/kg	6010B	10/12/06	1
Potassium	420	33.	mg/kg	6010B	10/12/06	1
Selenium	BDL	6.6	mg/kg	6010B	10/12/06	5
Silver	1.0	0.66	mg/kg	6010B	10/12/06	1
Sodium	BDL	33.	mg/kg	6010B	10/12/06	1
Thallium	BDL	6.6	mg/kg	6010B	10/12/06	5
Vanadium	120	0.66	mg/kg	6010B	10/12/06	1
Zinc	8.5	2.0	mg/kg	6010B	10/12/06	1
Volatile Organics						
Acetone	0.081	0.066	mg/kg	8260B	10/12/06	1
Benzene	BDL	0.0013	mg/kg	8260B	10/12/06	1
Bromobenzene	BDL	0.0013	mg/kg	8260B	10/12/06	1
Bromodichloromethane	BDL	0.0013	mg/kg	8260B	10/12/06	1
Bromoform	BDL	0.0013	mg/kg	8260B	10/12/06	1
Bromomethane	BDL	0.0013	mg/kg	8260B	10/12/06	1
Carbon disulfide	BDL	0.0013	mg/kg	8260B	10/12/06	1
Carbon tetrachloride	BDL	0.0013	mg/kg	8260B	10/12/06	1
Chlorobenzene	BDL	0.0013	mg/kg	8260B	10/12/06	1
Chlorodibromomethane	BDL	0.0013	mg/kg	8260B	10/12/06	1
Chloroethane	BDL	0.0013	mg/kg	8260B	10/12/06	1
Chloroform	BDL	0.0066	mg/kg	8260B	10/12/06	1
Chloromethane	BDL	0.0013	mg/kg	8260B	10/12/06	1
1,2-Dibromo-3-Chloropropane	BDL	0.0066	mg/kg	8260B	10/12/06	1
1,2-Dibromoethane	BDL	0.0013	mg/kg	8260B	10/12/06	1
1,2-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	10/12/06	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : SSL-1-16
Collected By : Scott Dacus
Collection Date : 10/04/06 15:40

ESC Sample # : L264055-06
Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,3-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	10/12/06	1
1,4-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	10/12/06	1
1,1-Dichloroethane	BDL	0.0013	mg/kg	8260B	10/12/06	1
1,2-Dichloroethane	BDL	0.0013	mg/kg	8260B	10/12/06	1
1,1-Dichloroethene	BDL	0.0013	mg/kg	8260B	10/12/06	1
cis-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	10/12/06	1
trans-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	10/12/06	1
1,2-Dichloropropane	BDL	0.0013	mg/kg	8260B	10/12/06	1
cis-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	10/12/06	1
trans-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	10/12/06	1
Di-isopropyl ether	BDL	0.0013	mg/kg	8260B	10/12/06	1
Ethylbenzene	BDL	0.0013	mg/kg	8260B	10/12/06	1
2-Butanone (MEK)	BDL	0.013	mg/kg	8260B	10/12/06	1
2-Hexanone	BDL	0.013	mg/kg	8260B	10/12/06	1
Methylene Chloride	BDL	0.0066	mg/kg	8260B	10/12/06	1
4-Methyl-2-pentanone (MIBK)	BDL	0.013	mg/kg	8260B	10/12/06	1
Methyl tert-butyl ether	BDL	0.0013	mg/kg	8260B	10/12/06	1
Naphthalene	BDL	0.0066	mg/kg	8260B	10/12/06	1
Styrene	BDL	0.0013	mg/kg	8260B	10/12/06	1
1,1,2,2-Tetrachloroethane	BDL	0.0013	mg/kg	8260B	10/12/06	1
Tetrachloroethene	BDL	0.0013	mg/kg	8260B	10/12/06	1
Toluene	BDL	0.0066	mg/kg	8260B	10/12/06	1
1,1,1-Trichloroethane	BDL	0.0013	mg/kg	8260B	10/12/06	1
1,1,2-Trichloroethane	BDL	0.0013	mg/kg	8260B	10/12/06	1
Trichloroethene	BDL	0.0013	mg/kg	8260B	10/12/06	1
Vinyl chloride	BDL	0.0013	mg/kg	8260B	10/12/06	1
Xylenes, Total	BDL	0.0039	mg/kg	8260B	10/12/06	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0013	mg/kg	8260B	10/12/06	1
1,2,3-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	10/12/06	1
Surrogate Recovery						
Toluene-d8	84.6		% Rec.	8260B	10/12/06	1
Dibromofluoromethane	91.0		? Rec.	8260B	10/12/06	1
4-Bromofluorobenzene	86.8		? Rec.	8260B	10/12/06	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.043	mg/kg	8270C	10/09/06	1
Acenaphthylene	BDL	0.043	mg/kg	8270C	10/09/06	1
Anthracene	BDL	0.043	mg/kg	8270C	10/09/06	1
Benzidine	BDL	0.43	mg/kg	8270C	10/09/06	1
Benzo(a)anthracene	BDL	0.043	mg/kg	8270C	10/09/06	1
Benzo(b)fluoranthene	BDL	0.043	mg/kg	8270C	10/09/06	1
Benzo(k)fluoranthene	BDL	0.043	mg/kg	8270C	10/09/06	1
Benzo(g,h,i)perylene	BDL	0.043	mg/kg	8270C	10/09/06	1
Benzo(a)pyrene	BDL	0.043	mg/kg	8270C	10/09/06	1

Results listed are dry weight basis.

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : SSL-1-16
Collected By : Scott Dacus
Collection Date : 10/04/06 15:40

ESC Sample # : L264055-06
Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Bis(2-chlorethoxy)methane	BDL	0.43	mg/kg	8270C	10/09/06	1
Bis(2-chloroethyl)ether	BDL	0.43	mg/kg	8270C	10/09/06	1
Bis(2-chloroisopropyl)ether	BDL	0.43	mg/kg	8270C	10/09/06	1
4-Bromophenyl-phenylether	BDL	0.43	mg/kg	8270C	10/09/06	1
2-Chloronaphthalene	BDL	0.43	mg/kg	8270C	10/09/06	1
4-Chlorophenyl-phenylether	BDL	0.43	mg/kg	8270C	10/09/06	1
Chrysene	BDL	0.043	mg/kg	8270C	10/09/06	1
Dibenz(a,h)anthracene	BDL	0.043	mg/kg	8270C	10/09/06	1
3,3-Dichlorobenzidine	BDL	0.43	mg/kg	8270C	10/09/06	1
2,4-Dinitrotoluene	BDL	0.43	mg/kg	8270C	10/09/06	1
2,6-Dinitrotoluene	BDL	0.43	mg/kg	8270C	10/09/06	1
Fluoranthene	BDL	0.043	mg/kg	8270C	10/09/06	1
Fluorene	BDL	0.043	mg/kg	8270C	10/09/06	1
Hexachlorobenzene	BDL	0.43	mg/kg	8270C	10/09/06	1
Hexachloro-1,3-butadiene	BDL	0.43	mg/kg	8270C	10/09/06	1
Hexachlorocyclopentadiene	BDL	0.43	mg/kg	8270C	10/09/06	1
Hexachloroethane	BDL	0.43	mg/kg	8270C	10/09/06	1
Indeno(1,2,3-cd)pyrene	BDL	0.043	mg/kg	8270C	10/09/06	1
Isophorone	BDL	0.43	mg/kg	8270C	10/09/06	1
2-Methylnaphthalene	BDL	0.43	mg/kg	8270C	10/09/06	1
Naphthalene	BDL	0.043	mg/kg	8270C	10/09/06	1
Nitrobenzene	BDL	0.43	mg/kg	8270C	10/09/06	1
n-Nitrosodimethylamine	BDL	0.066	mg/kg	8270C	10/09/06	1
n-Nitrosodiphenylamine	BDL	0.43	mg/kg	8270C	10/09/06	1
n-Nitrosodi-n-propylamine	BDL	0.43	mg/kg	8270C	10/09/06	1
Phenanthren	BDL	0.043	mg/kg	8270C	10/09/06	1
Benzylbutyl phthalate	BDL	0.43	mg/kg	8270C	10/09/06	1
Bis(2-ethylhexyl)phthalate	BDL	0.43	mg/kg	8270C	10/09/06	1
Di-n-butyl phthalate	BDL	0.43	mg/kg	8270C	10/09/06	1
Diethyl phthalate	BDL	0.43	mg/kg	8270C	10/09/06	1
Dimethyl phthalate	BDL	0.43	mg/kg	8270C	10/09/06	1
Di-n-octyl phthalate	BDL	0.43	mg/kg	8270C	10/09/06	1
Pyrene	BDL	0.043	mg/kg	8270C	10/09/06	1
1,2,4-Trichlorobenzene	BDL	0.43	mg/kg	8270C	10/09/06	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.43	mg/kg	8270C	10/09/06	1
2-Chlorophenol	BDL	0.43	mg/kg	8270C	10/09/06	1
2,4-Dichlorophenol	BDL	0.43	mg/kg	8270C	10/09/06	1
2,4-Dimethylphenol	BDL	0.43	mg/kg	8270C	10/09/06	1
4,6-Dinitro-2-methylphenol	BDL	0.43	mg/kg	8270C	10/09/06	1
2,4-Dinitrophenol	BDL	0.43	mg/kg	8270C	10/09/06	1
2-Nitrophenol	BDL	0.43	mg/kg	8270C	10/09/06	1
4-Nitrophenol	BDL	0.43	mg/kg	8270C	10/09/06	1
Pentachlorophenol	BDL	0.43	mg/kg	8270C	10/09/06	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

October 12, 2006

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : SSL-1-16
Collected By : Scott Dacus
Collection Date : 10/04/06 15:40

ESC Sample # : L264055-06

Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Phenol	BDL	0.43	mg/kg	8270C	10/09/06	1
2,4,6-Trichlorophenol	BDL	0.43	mg/kg	8270C	10/09/06	1
Surrogate Recovery						
Nitrobenzene-d5	57.7		% Rec.	8270C	10/09/06	1
2-Fluorobiphenyl	68.5		% Rec.	8270C	10/09/06	1
p-Terphenyl-d14	95.5		% Rec.	8270C	10/09/06	1
Phenol-d5	80.3		% Rec.	8270C	10/09/06	1
2-Fluorophenol	59.7		% Rec.	8270C	10/09/06	1
2,4,6-Tribromophenol	88.5		% Rec.	8270C	10/09/06	1

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Reported: 10/12/06 16:52 Printed: 10/12/06 18:35



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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : SSL-2-6
Collected By : Scott Dacus
Collection Date : 10/04/06 16:00

ESC Sample # : L264055-07
Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	72.9		%	2540G	10/12/06	1
Mercury	BDL	0.027	mg/kg	7471	10/06/06	1
Aluminum	7400	14.	mg/kg	6010B	10/12/06	2
Antimony	9.1	2.7	mg/kg	6010B	10/12/06	2
Arsenic	BDL	2.7	mg/kg	6010B	10/12/06	2
Barium	110	0.68	mg/kg	6010B	10/12/06	2
Beryllium	BDL	0.27	mg/kg	6010B	10/12/06	2
Cadmium	3.6	0.68	mg/kg	6010B	10/12/06	2
Calcium	230	68.	mg/kg	6010B	10/12/06	2
Chromium	120	1.4	mg/kg	6010B	10/12/06	2
Cobalt	3.7	1.4	mg/kg	6010B	10/12/06	2
Copper	14.	2.7	mg/kg	6010B	10/12/06	2
Iron	46000	14.	mg/kg	6010B	10/12/06	2
Lead	36.	0.68	mg/kg	6010B	10/12/06	2
Magnesium	80.	14.	mg/kg	6010B	10/12/06	2
Manganese	320	1.4	mg/kg	6010B	10/12/06	2
Nickel	52.	2.7	mg/kg	6010B	10/12/06	2
Potassium	160	34.	mg/kg	6010B	10/12/06	1
Selenium	BDL	2.7	mg/kg	6010B	10/12/06	2
Silver	1.5	1.4	mg/kg	6010B	10/12/06	2
Sodium	BDL	34.	mg/kg	6010B	10/12/06	1
Thallium	BDL	2.7	mg/kg	6010B	10/12/06	2
Vanadium	75.	1.4	mg/kg	6010B	10/12/06	2
Zinc	13.	4.1	mg/kg	6010B	10/12/06	2
Volatile Organics						
Acetone	BDL	0.068	mg/kg	8260B	10/12/06	1
Benzene	BDL	0.0014	mg/kg	8260B	10/12/06	1
Bromobenzene	BDL	0.0014	mg/kg	8260B	10/12/06	1
Bromodichloromethane	BDL	0.0014	mg/kg	8260B	10/12/06	1
Bromoform	BDL	0.0014	mg/kg	8260B	10/12/06	1
Bromomethane	BDL	0.0014	mg/kg	8260B	10/12/06	1
Carbon disulfide	BDL	0.0014	mg/kg	8260B	10/12/06	1
Carbon tetrachloride	BDL	0.0014	mg/kg	8260B	10/12/06	1
Chlorobenzene	BDL	0.0014	mg/kg	8260B	10/12/06	1
Chlorodibromomethane	BDL	0.0014	mg/kg	8260B	10/12/06	1
Chloroethane	BDL	0.0014	mg/kg	8260B	10/12/06	1
Chloroform	BDL	0.0068	mg/kg	8260B	10/12/06	1
Chloromethane	BDL	0.0014	mg/kg	8260B	10/12/06	1
1,2-Dibromo-3-Chloropropane	BDL	0.0068	mg/kg	8260B	10/12/06	1
1,2-Dibromoethane	BDL	0.0014	mg/kg	8260B	10/12/06	1
1,2-Dichlorobenzene	BDL	0.0014	mg/kg	8260B	10/12/06	1

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REPORT OF ANALYSIS

October 12, 2006

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : SSL-2-6
Collected By : Scott Dacus
Collection Date : 10/04/06 16:00

ESC Sample # : L264055-07

Site ID :

Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,3-Dichlorobenzene	BDL	0.0014	mg/kg	8260B	10/12/06	1
1,4-Dichlorobenzene	BDL	0.0014	mg/kg	8260B	10/12/06	1
1,1-Dichloroethane	BDL	0.0014	mg/kg	8260B	10/12/06	1
1,2-Dichloroethane	BDL	0.0014	mg/kg	8260B	10/12/06	1
1,1-Dichloroethene	BDL	0.0014	mg/kg	8260B	10/12/06	1
cis-1,2-Dichloroethene	BDL	0.0014	mg/kg	8260B	10/12/06	1
trans-1,2-Dichloroethene	BDL	0.0014	mg/kg	8260B	10/12/06	1
1,2-Dichloropropane	BDL	0.0014	mg/kg	8260B	10/12/06	1
cis-1,3-Dichloropropene	BDL	0.0014	mg/kg	8260B	10/12/06	1
trans-1,3-Dichloropropene	BDL	0.0014	mg/kg	8260B	10/12/06	1
Di-isopropyl ether	BDL	0.0014	mg/kg	8260B	10/12/06	1
Ethylbenzene	BDL	0.0014	mg/kg	8260B	10/12/06	1
2-Butanone (MEK)	BDL	0.014	mg/kg	8260B	10/12/06	1
2-Hexanone	BDL	0.014	mg/kg	8260B	10/12/06	1
Methylene Chloride	BDL	0.0068	mg/kg	8260B	10/12/06	1
4-Methyl-2-pentanone (MIBK)	BDL	0.014	mg/kg	8260B	10/12/06	1
Methyl tert-butyl ether	BDL	0.0014	mg/kg	8260B	10/12/06	1
Naphthalene	BDL	0.0068	mg/kg	8260B	10/12/06	1
Styrene	BDL	0.0014	mg/kg	8260B	10/12/06	1
1,1,2,2-Tetrachloroethane	BDL	0.0014	mg/kg	8260B	10/12/06	1
Tetrachloroethene	BDL	0.0014	mg/kg	8260B	10/12/06	1
Toluene	BDL	0.0068	mg/kg	8260B	10/12/06	1
1,1,1-Trichloroethane	BDL	0.0014	mg/kg	8260B	10/12/06	1
1,1,2-Trichloroethane	BDL	0.0014	mg/kg	8260B	10/12/06	1
Trichloroethene	BDL	0.0014	mg/kg	8260B	10/12/06	1
Vinyl chloride	BDL	0.0014	mg/kg	8260B	10/12/06	1
Xylenes, Total	BDL	0.0041	mg/kg	8260B	10/12/06	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0014	mg/kg	8260B	10/12/06	1
1,2,3-Trimethylbenzene	BDL	0.0014	mg/kg	8260B	10/12/06	1
Surrogate Recovery						
Toluene-d8	84.7		% Rec.	8260B	10/12/06	1
Dibromofluoromethane	91.6		% Rec.	8260B	10/12/06	1
4-Bromofluorobenzene	87.7		% Rec.	8260B	10/12/06	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.045	mg/kg	8270C	10/09/06	1
Acenaphthylene	BDL	0.045	mg/kg	8270C	10/09/06	1
Anthracene	BDL	0.045	mg/kg	8270C	10/09/06	1
Benzidine	BDL	0.45	mg/kg	8270C	10/09/06	1
Benzo(a)anthracene	BDL	0.045	mg/kg	8270C	10/09/06	1
Benzo(b)fluoranthene	BDL	0.045	mg/kg	8270C	10/09/06	1
Benzo(k)fluoranthene	BDL	0.045	mg/kg	8270C	10/09/06	1
Benzo(g,h,i)perylene	BDL	0.045	mg/kg	8270C	10/09/06	1
Benzo(a)pyrene	BDL	0.045	mg/kg	8270C	10/09/06	1

Results listed are dry weight basis.

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Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : SSL-2-6
Collected By : Scott Dacus
Collection Date : 10/04/06 16:00

ESC Sample # : L264055-07
Site ID :
Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Bis(2-chlorethoxy)methane	BDL	0.45	mg/kg	8270C	10/09/06	1
Bis(2-chloroethyl)ether	BDL	0.45	mg/kg	8270C	10/09/06	1
Bis(2-chloroisopropyl)ether	BDL	0.45	mg/kg	8270C	10/09/06	1
4-Bromophenyl-phenylether	BDL	0.45	mg/kg	8270C	10/09/06	1
2-Chloronaphthalene	BDL	0.45	mg/kg	8270C	10/09/06	1
4-Chlorophenyl-phenylether	BDL	0.45	mg/kg	8270C	10/09/06	1
Chrysene	BDL	0.045	mg/kg	8270C	10/09/06	1
Dibenz(a,h)anthracene	BDL	0.045	mg/kg	8270C	10/09/06	1
3,3-Dichlorobenzidine	BDL	0.45	mg/kg	8270C	10/09/06	1
2,4-Dinitrotoluene	BDL	0.45	mg/kg	8270C	10/09/06	1
2,6-Dinitrotoluene	BDL	0.45	mg/kg	8270C	10/09/06	1
Fluoranthene	BDL	0.045	mg/kg	8270C	10/09/06	1
Fluorene	BDL	0.045	mg/kg	8270C	10/09/06	1
Hexachlorobenzene	BDL	0.45	mg/kg	8270C	10/09/06	1
Hexachloro-1,3-butadiene	BDL	0.45	mg/kg	8270C	10/09/06	1
Hexachlorocyclopentadiene	BDL	0.45	mg/kg	8270C	10/09/06	1
Hexachloroethane	BDL	0.45	mg/kg	8270C	10/09/06	1
Indeno(1,2,3-cd)pyrene	BDL	0.045	mg/kg	8270C	10/09/06	1
Isophorone	BDL	0.45	mg/kg	8270C	10/09/06	1
2-Methylnaphthalene	BDL	0.45	mg/kg	8270C	10/09/06	1
Naphthalene	BDL	0.045	mg/kg	8270C	10/09/06	1
Nitrobenzene	BDL	0.45	mg/kg	8270C	10/09/06	1
n-Nitrosodimethylamine	BDL	0.068	mg/kg	8270C	10/09/06	1
n-Nitrosodiphenylamine	BDL	0.45	mg/kg	8270C	10/09/06	1
n-Nitrosodi-n-propylamine	BDL	0.45	mg/kg	8270C	10/09/06	1
Phenanthrone	BDL	0.045	mg/kg	8270C	10/09/06	1
Benzylbutyl phthalate	BDL	0.45	mg/kg	8270C	10/09/06	1
Bis(2-ethylhexyl)phthalate	BDL	0.45	mg/kg	8270C	10/09/06	1
Di-n-butyl phthalate	BDL	0.45	mg/kg	8270C	10/09/06	1
Diethyl phthalate	BDL	0.45	mg/kg	8270C	10/09/06	1
Dimethyl phthalate	BDL	0.45	mg/kg	8270C	10/09/06	1
Di-n-octyl phthalate	BDL	0.45	mg/kg	8270C	10/09/06	1
Pyrene	BDL	0.045	mg/kg	8270C	10/09/06	1
1,2,4-Trichlorobenzene	BDL	0.45	mg/kg	8270C	10/09/06	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.45	mg/kg	8270C	10/09/06	1
2-Chlorophenol	BDL	0.45	mg/kg	8270C	10/09/06	1
2,4-Dichlorophenol	BDL	0.45	mg/kg	8270C	10/09/06	1
2,4-Dimethylphenol	BDL	0.45	mg/kg	8270C	10/09/06	1
4,6-Dinitro-2-methylphenol	BDL	0.45	mg/kg	8270C	10/09/06	1
2,4-Dinitrophenol	BDL	0.45	mg/kg	8270C	10/09/06	1
2-Nitrophenol	BDL	0.45	mg/kg	8270C	10/09/06	1
4-Nitrophenol	BDL	0.45	mg/kg	8270C	10/09/06	1
Pentachlorophenol	BDL	0.45	mg/kg	8270C	10/09/06	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006 ESC Sample # : L264055-07
Description : Former Cermtec Plant 1 Site ID :
Sample ID : SSL-2-6 Project # : 1267-06-669
Collected By : Scott Dacus
Collection Date : 10/04/06 16:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Phenol	BDL	0.45	mg/kg	8270C	10/09/06	1
2,4,6-Trichlorophenol	BDL	0.45	mg/kg	8270C	10/09/06	1
Surrogate Recovery						
Nitrobenzene-d5	45.1		% Rec.	8270C	10/09/06	1
2-Fluorobiphenyl	63.6		% Rec.	8270C	10/09/06	1
p-Terphenyl-d14	94.5		% Rec.	8270C	10/09/06	1
Phenol-d5	65.0		% Rec.	8270C	10/09/06	1
2-Fluorophenol	45.7		% Rec.	8270C	10/09/06	1
2,4,6-Tribromophenol	87.6		% Rec.	8270C	10/09/06	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : ERB-SS
Collected By : Scott Dacus
Collection Date : 10/04/06 16:30

ESC Sample # : L264055-08
Site ID :
Project # : 1267-06-669

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Cyanide	BDL	5.0	ug/l	9012	10/11/06	1
Mercury	BDL	0.20	ug/l	7470A	10/06/06	1
Aluminum	570	100	ug/l	6010B	10/11/06	1
Antimony	BDL	10.	ug/l	6010B	10/09/06	1
Arsenic	BDL	20.	ug/l	6010B	10/09/06	1
Barium	28.	5.0	ug/l	6010B	10/09/06	1
Beryllium	BDL	2.0	ug/l	6010B	10/09/06	1
Cadmium	BDL	5.0	ug/l	6010B	10/09/06	1
Calcium	19000	500	ug/l	6010B	10/11/06	1
Chromium	BDL	10.	ug/l	6010B	10/09/06	1
Cobalt	BDL	10.	ug/l	6010B	10/09/06	1
Copper	BDL	20.	ug/l	6010B	10/09/06	1
Iron	480	100	ug/l	6010B	10/09/06	1
Lead	7.9	5.0	ug/l	6010B	10/09/06	1
Magnesium	5200	100	ug/l	6010B	10/11/06	1
Manganese	72.	10.	ug/l	6010B	10/09/06	1
Nickel	BDL	20.	ug/l	6010B	10/09/06	1
Potassium	2100	500	ug/l	6010B	10/09/06	1
Selenium	BDL	20.	ug/l	6010B	10/09/06	1
Silver	BDL	10.	ug/l	6010B	10/09/06	1
Sodium	11000	500	ug/l	6010B	10/09/06	1
Thallium	BDL	20.	ug/l	6010B	10/09/06	1
Vanadium	10.	10.	ug/l	6010B	10/09/06	1
Zinc	180	30.	ug/l	6010B	10/09/06	1
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	10/07/06	1
Benzene	BDL	1.0	ug/l	8260B	10/07/06	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	10/07/06	1
Bromoform	BDL	1.0	ug/l	8260B	10/07/06	1
Bromomethane	BDL	1.0	ug/l	8260B	10/07/06	1
Carbon disulfide	BDL	1.0	ug/l	8260B	10/07/06	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	10/07/06	1
Chlorobenzene	BDL	1.0	ug/l	8260B	10/07/06	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	10/07/06	1
Chloroethane	BDL	1.0	ug/l	8260B	10/07/06	1
Chloroform	BDL	5.0	ug/l	8260B	10/07/06	1
Chloromethane	BDL	1.0	ug/l	8260B	10/07/06	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	10/07/06	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	10/07/06	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/07/06	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/07/06	1

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : ERB-SS
Collected By : Scott Dacus
Collection Date : 10/04/06 16:30

ESC Sample # : L264055-08
Site ID :
Project # : 1267-06-669

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/07/06	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	10/07/06	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	10/07/06	1
1,1-Dichloroethene	BDL	1.0	ug/l	8260B	10/07/06	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	10/07/06	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	10/07/06	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	10/07/06	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	10/07/06	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	10/07/06	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	10/07/06	1
Ethylbenzene	BDL	1.0	ug/l	8260B	10/07/06	1
2-Butanone (MEK)	BDL	10.	ug/l	8260B	10/07/06	1
2-Hexanone	BDL	10.	ug/l	8260B	10/07/06	1
Methylene Chloride	BDL	5.0	ug/l	8260B	10/12/06	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	10/07/06	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	10/07/06	1
Naphthalene	BDL	5.0	ug/l	8260B	10/07/06	1
Styrene	BDL	1.0	ug/l	8260B	10/07/06	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	10/07/06	1
Tetrachloroethene	BDL	1.0	ug/l	8260B	10/07/06	1
Toluene	BDL	5.0	ug/l	8260B	10/07/06	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	10/07/06	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	10/07/06	1
Trichloroethene	BDL	1.0	ug/l	8260B	10/07/06	1
Vinyl chloride	BDL	1.0	ug/l	8260B	10/07/06	1
Xylenes, Total	BDL	3.0	ug/l	8260B	10/07/06	1
1,1,2-Trichloro-1,2,2-Trifluoro	BDL	1.0	ug/l	8260B	10/07/06	1
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	10/07/06	1
Surrogate Recovery						
Toluene-d8	105.		% Rec.	8260B	10/07/06	1
Dibromofluoromethane	101.		% Rec.	8260B	10/07/06	1
4-Bromofluorobenzene	76.4		% Rec.	8260B	10/07/06	1
Pesticide/PCBs						
Aldrin	BDL	0.50	ug/l	8081/8082	10/10/06	1
Alpha BHC	BDL	0.50	ug/l	8081/8082	10/10/06	1
Beta BHC	BDL	0.50	ug/l	8081/8082	10/10/06	1
Delta BHC	BDL	0.50	ug/l	8081/8082	10/10/06	1
Gamma BHC	BDL	0.50	ug/l	8081/8082	10/10/06	1
Chlordane	BDL	5.0	ug/l	8081/8082	10/10/06	1
4,4-DDD	BDL	0.50	ug/l	8081/8082	10/10/06	1
4,4-DDE	BDL	0.50	ug/l	8081/8082	10/10/06	1
4,4-DDT	BDL	0.50	ug/l	8081/8082	10/10/06	1
Dieldrin	BDL	0.50	ug/l	8081/8082	10/10/06	1

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Est. 1970

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

REPORT OF ANALYSIS

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : ERB-SS
Collected By : Scott Dacus
Collection Date : 10/04/06 16:30

ESC Sample # : L264055-08
Site ID :
Project # : 1267-06-669

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Endosulfan I	BDL	0.50	ug/l	8081/8082	10/10/06	1
Endosulfan II	BDL	0.50	ug/l	8081/8082	10/10/06	1
Endosulfan sulfate	BDL	0.50	ug/l	8081/8082	10/10/06	1
Endrin	BDL	0.50	ug/l	8081/8082	10/10/06	1
Endrin aldehyde	BDL	0.50	ug/l	8081/8082	10/10/06	1
Heptachlor	BDL	0.50	ug/l	8081/8082	10/10/06	1
Heptachlor epoxide	BDL	0.50	ug/l	8081/8082	10/10/06	1
Hexachlorobenzene	BDL	0.50	ug/l	8081/8082	10/10/06	1
Methoxychlor	BDL	0.50	ug/l	8081/8082	10/10/06	1
Toxaphene	BDL	10.	ug/l	8081/8082	10/10/06	1
PCB 1016	BDL	0.50	ug/l	8081/8082	10/10/06	1
PCB 1221	BDL	0.50	ug/l	8081/8082	10/09/06	1
PCB 1232	BDL	0.50	ug/l	8081/8082	10/09/06	1
PCB 1242	BDL	0.50	ug/l	8081/8082	10/09/06	1
PCB 1248	BDL	0.50	ug/l	8081/8082	10/09/06	1
PCB 1254	BDL	0.50	ug/l	8081/8082	10/09/06	1
PCB 1260	BDL	0.50	ug/l	8081/8082	10/09/06	1
Pest/PCBs Surrogates						
Decachlorobiphenyl	77.5		% Rec.	8081/8082	10/09/06	1
Tetrachloro-m-xylene	58.8		% Rec.	8081/8082	10/09/06	1
Base/Neutral Extractables						
Acenaphthene	BDL	1.0	ug/l	8270C	10/09/06	1
Acenaphthylene	BDL	1.0	ug/l	8270C	10/09/06	1
Anthracene	BDL	1.0	ug/l	8270C	10/09/06	1
Benzidine	BDL	50.	ug/l	8270C	10/09/06	1
Benzo(a)anthracene	BDL	1.0	ug/l	8270C	10/09/06	1
Benzo(b)fluoranthene	BDL	1.0	ug/l	8270C	10/09/06	1
Benzo(k)fluoranthene	BDL	1.0	ug/l	8270C	10/09/06	1
Benzo(g,h,i)perylene	BDL	1.0	ug/l	8270C	10/09/06	1
Benzo(a)pyrene	BDL	1.0	ug/l	8270C	10/09/06	1
Bis(2-chlorethoxy)methane	BDL	10.	ug/l	8270C	10/09/06	1
Bis(2-chloroethyl)ether	BDL	10.	ug/l	8270C	10/09/06	1
Bis(2-chloroisopropyl)ether	BDL	10.	ug/l	8270C	10/09/06	1
4-Bromophenyl-phenylether	BDL	10.	ug/l	8270C	10/09/06	1
2-Chloronaphthalene	BDL	10.	ug/l	8270C	10/09/06	1
4-Chlorophenyl-phenylether	BDL	10.	ug/l	8270C	10/09/06	1
Chrysene	BDL	1.0	ug/l	8270C	10/09/06	1
Dibenz(a,h)anthracene	BDL	1.0	ug/l	8270C	10/09/06	1
3,3-Dichlorobenzidine	BDL	10.	ug/l	8270C	10/09/06	1
2,4-Dinitrotoluene	BDL	10.	ug/l	8270C	10/09/06	1
2,6-Dinitrotoluene	BDL	10.	ug/l	8270C	10/09/06	1
Fluoranthene	BDL	1.0	ug/l	8270C	10/09/06	1
Fluorene	BDL	1.0	ug/l	8270C	10/09/06	1

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : ERB-SS
Collected By : Scott Dacus
Collection Date : 10/04/06 16:30

ESC Sample # : L264055-08
Site ID :
Project # : 1267-06-669

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Hexachlorobenzene	BDL	10.	ug/l	8270C	10/09/06	1
Hexachloro-1,3-butadiene	BDL	10.	ug/l	8270C	10/09/06	1
Hexachlorocyclopentadiene	BDL	10.	ug/l	8270C	10/09/06	1
Hexachloroethane	BDL	10.	ug/l	8270C	10/09/06	1
Indeno(1,2,3-cd)pyrene	BDL	1.0	ug/l	8270C	10/09/06	1
Isophorone	BDL	10.	ug/l	8270C	10/09/06	1
2-Methylnaphthalene	BDL	10.	ug/l	8270C	10/09/06	1
Naphthalene	BDL	5.0	ug/l	8270C	10/09/06	1
Nitrobenzene	BDL	10.	ug/l	8270C	10/09/06	1
n-Nitrosodimethylamine	BDL	50.	ug/l	8270C	10/09/06	1
n-Nitrosodiphenylamine	BDL	10.	ug/l	8270C	10/09/06	1
n-Nitrosodi-n-propylamine	BDL	10.	ug/l	8270C	10/09/06	1
Phenanthrene	BDL	1.0	ug/l	8270C	10/09/06	1
Benzylbutyl phthalate	BDL	10.	ug/l	8270C	10/09/06	1
Bis(2-ethylhexyl)phthalate	BDL	10.	ug/l	8270C	10/09/06	1
Di-n-butyl phthalate	BDL	10.	ug/l	8270C	10/09/06	1
Diethyl phthalate	BDL	10.	ug/l	8270C	10/09/06	1
Dimethyl phthalate	BDL	10.	ug/l	8270C	10/09/06	1
Di-n-octyl phthalate	BDL	10.	ug/l	8270C	10/09/06	1
Pyrene	BDL	1.0	ug/l	8270C	10/09/06	1
1,2,4-Trichlorobenzene	BDL	10.	ug/l	8270C	10/09/06	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	10.	ug/l	8270C	10/09/06	1
2-Chlorophenol	BDL	10.	ug/l	8270C	10/09/06	1
m&p-Cresol	BDL	10.	ug/l	8270C	10/09/06	1
o-Cresol	BDL	10.	ug/l	8270C	10/09/06	1
2,4-Dichlorophenol	BDL	10.	ug/l	8270C	10/09/06	1
2,4-Dimethylphenol	BDL	10.	ug/l	8270C	10/09/06	1
4,6-Dinitro-2-methylphenol	BDL	10.	ug/l	8270C	10/09/06	1
2,4-Dinitrophenol	BDL	10.	ug/l	8270C	10/09/06	1
2-Nitrophenol	BDL	10.	ug/l	8270C	10/09/06	1
4-Nitrophenol	BDL	10.	ug/l	8270C	10/09/06	1
Pentachlorophenol	BDL	10.	ug/l	8270C	10/09/06	1
Phenol	BDL	10.	ug/l	8270C	10/09/06	1
2,4,6-Trichlorophenol	BDL	10.	ug/l	8270C	10/09/06	1
Surrogate Recovery						
Nitrobenzene-d5	67.8	% Rec.	8270C	10/09/06	1	
2-Fluorobiphenyl	83.7	% Rec.	8270C	10/09/06	1	
p-Terphenyl-d14	117.	% Rec.	8270C	10/09/06	1	
Phenol-d5	83.8	% Rec.	8270C	10/09/06	1	
2-Fluorophenol	86.1	% Rec.	8270C	10/09/06	1	
2,4,6-Tribromophenol	118.	% Rec.	8270C	10/09/06	1	

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

REPORT OF ANALYSIS

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : TRIP BLANK
Collected By : Scott Dacus
Collection Date : 10/04/06 00:00

ESC Sample # : L264055-09
Site ID :
Project # : 1267-06-669

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	10/07/06	1
Benzene	BDL	1.0	ug/l	8260B	10/07/06	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	10/07/06	1
Bromoform	BDL	1.0	ug/l	8260B	10/07/06	1
Bromomethane	BDL	1.0	ug/l	8260B	10/07/06	1
Carbon disulfide	BDL	1.0	ug/l	8260B	10/07/06	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	10/07/06	1
Chlorobenzene	BDL	1.0	ug/l	8260B	10/07/06	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	10/07/06	1
Chloroethane	BDL	1.0	ug/l	8260B	10/07/06	1
Chloroform	BDL	1.0	ug/l	8260B	10/07/06	1
Chloromethane	BDL	5.0	ug/l	8260B	10/07/06	1
1,2-Dibromo-3-Chloropropane	BDL	1.0	ug/l	8260B	10/07/06	1
1,2-Dibromoethane	BDL	5.0	ug/l	8260B	10/07/06	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/07/06	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/07/06	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/07/06	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	10/07/06	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	10/07/06	1
1,1-Dichloroethene	BDL	1.0	ug/l	8260B	10/07/06	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	10/07/06	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	10/07/06	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	10/07/06	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	10/07/06	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	10/07/06	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	10/07/06	1
Ethylbenzene	BDL	1.0	ug/l	8260B	10/07/06	1
2-Butanone (MEK)	BDL	1.0	ug/l	8260B	10/07/06	1
2-Hexanone	BDL	10.	ug/l	8260B	10/07/06	1
Methylene Chloride	BDL	10.	ug/l	8260B	10/07/06	1
4-Methyl-2-pentanone (MIBK)	BDL	5.0	ug/l	8260B	10/12/06	1
Methyl tert-butyl ether	BDL	10.	ug/l	8260B	10/07/06	1
Naphthalene	BDL	1.0	ug/l	8260B	10/07/06	1
Styrene	BDL	5.0	ug/l	8260B	10/07/06	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	10/07/06	1
Tetrachloroethene	BDL	1.0	ug/l	8260B	10/07/06	1
Toluene	BDL	1.0	ug/l	8260B	10/07/06	1
1,1,1-Trichloroethane	BDL	5.0	ug/l	8260B	10/07/06	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	10/07/06	1
Trichloroethene	BDL	1.0	ug/l	8260B	10/07/06	1
Vinyl chloride	BDL	1.0	ug/l	8260B	10/07/06	1
Xylenes, Total	BDL	1.0	ug/l	8260B	10/07/06	1
1,1,2-Trichloro-1,2,2-Trifluoro	BDL	3.0	ug/l	8260B	10/07/06	1
		1.0	ug/l	8260B	10/07/06	1

BDL = Below Detection Limit

Det. Limit = Practical Quantitation Limit (PQL)



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Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

REPORT OF ANALYSIS

October 12, 2006

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : TRIP BLANK
Collected By : Scott Dacus
Collection Date : 10/04/06 00:00

ESC Sample # : L264055-09
Site ID :
Project # : 1267-06-669

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	10/07/06	1
Surrogate Recovery						
Toluene-d8	104.		% Rec.	8260B	10/07/06	1
Dibromofluoromethane	97.8		% Rec.	8260B	10/07/06	1
4-Bromofluorobenzene	78.5		% Rec.	8260B	10/07/06	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

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Reported: 10/12/06 16:52 Printed: 10/12/06 18:35

Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L264055-01	Arsenic	O
	Beryllium	O
	Selenium	O
	Silver	O
	Thallium	O
	Endrin aldehyde	J4
	Benzidine	J3
	Hexachlorocyclopentadiene	J4J3
	4,6-Dinitro-2-methylphenol	J3
	2,4-Dinitrophenol	J3
L264055-02	Arsenic	O
	Beryllium	O
	Selenium	O
	Thallium	O
	Zinc	O
	Benzidine	J3
	Hexachlorocyclopentadiene	J4J3
	4,6-Dinitro-2-methylphenol	J3
	2,4-Dinitrophenol	J3
L264055-03	Arsenic	O
	Beryllium	O
	Selenium	O
	Silver	O
	Thallium	O
	Zinc	O
	Endrin aldehyde	J4
	Benzidine	J3
	Hexachlorocyclopentadiene	J4J3
	4,6-Dinitro-2-methylphenol	J3
	2,4-Dinitrophenol	J3
L264055-04	Benzidine	J3
	Hexachlorocyclopentadiene	J3J4
	4,6-Dinitro-2-methylphenol	J3
	2,4-Dinitrophenol	J3
L264055-05	Benzidine	J3
	Hexachlorocyclopentadiene	J4J3
	4,6-Dinitro-2-methylphenol	J3
	2,4-Dinitrophenol	J3
L264055-06	Selenium	O
	Thallium	O
	Benzidine	J3
	Hexachlorocyclopentadiene	J4J3
	4,6-Dinitro-2-methylphenol	J3
	2,4-Dinitrophenol	J3
L264055-07	Arsenic	O
	Beryllium	O
	Selenium	O
	Thallium	O
	Benzidine	J3
	Hexachlorocyclopentadiene	J4J3
	4,6-Dinitro-2-methylphenol	J3
	2,4-Dinitrophenol	J3
L264055-08	Endrin aldehyde	J4
L264055-09	4-Bromofluorobenzene	J2
	4-Bromofluorobenzene	J2

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
O	(ESC) Sample diluted due to matrix interferences that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

	Control Limits	(AQ)	(SS)			
2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	Dibromfluoromethane	68-128	64-125
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	76-115	69-118
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene	79-127	61-134

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.



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REPORT OF ANALYSIS

October 18, 2006

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

ESC Sample # : L265298-01

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : OS-1-12
Collected By : Scott Dacus
Collection Date : 10/04/06 13:55

Site ID :

Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Cyanide	BDL	0.32	mg/kg	9012	10/18/06	1
Total Solids	77.3		%	2540G	10/12/06	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Reported: 10/18/06 10:16 Printed: 10/18/06 11:55



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REPORT OF ANALYSIS

October 18, 2006

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

ESC Sample # : L265298-02

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : SSL-1-16
Collected By : Scott Dacus
Collection Date : 10/04/06 15:40

Site ID :

Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Cyanide	BDL	0.33	mg/kg	9012	10/18/06	1
Total Solids	76.1		%	2540G	10/12/06	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Reported: 10/18/06 10:16 Printed: 10/18/06 11:55



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REPORT OF ANALYSIS

October 18, 2006

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

ESC Sample # : L265298-03

Date Received : October 05, 2006
Description : Former Cermtec Plant 1
Sample ID : SSL-2-6
Collected By : Scott Dacus
Collection Date : 10/04/06 16:00

Site ID :

Project # : 1267-06-669

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Cyanide	BDL	0.34	mg/kg	9012	10/18/06	1
Total Solids	72.9		%	2540G	10/12/06	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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The reported analytical results relate only to the sample submitted

Reported: 10/18/06 10:16 Printed: 10/18/06 11:55

S&ME Inc. - Spartanburg SC

155 Tradd Street
Spartanburg, SC 29301

Alternate billing information:

Analysis/Container/Preservative

Prepared by:
ENVIRONMENTAL

SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Report to: Scott Dacus Email: sdacus@smeinc.com

Project Description: Former Cermitec Plant 1
City/State Collected SC

Client Project #: 1267-06-069
Lab Project # SMESPAR-126706669

Site/Facility ID#: P.O. #:

Collected by (signature): *Scott Dacus*

Rush? (Lab MUST Be Notified)

Same Day 200%

Next Day 100%

Two Day 50%

Three Day 25%

Date Results Needed

Email? No Yes

FAX? No Yes

No. of Cntrs

Date

Time

Report to: Scott Dacus Email: sdacus@smeinc.com

Project Description: Former Cermitec Plant 1
City/State Collected SC

Client Project #: 1267-06-069
Lab Project # SMESPAR-126706669

Site/Facility ID#: P.O. #:

Collected by (signature): *Scott Dacus*

Rush? (Lab MUST Be Notified)

Same Day 200%

Next Day 100%

Two Day 50%

Three Day 25%

Date Results Needed

Email? No Yes

FAX? No Yes

No. of Cntrs

Date

Time

Report to: Scott Dacus Email: sdacus@smeinc.com

Project Description: Former Cermitec Plant 1
City/State Collected SC

Client Project #: 1267-06-069
Lab Project # SMESPAR-126706669

Site/Facility ID#: P.O. #:

Collected by (signature): *Scott Dacus*

Rush? (Lab MUST Be Notified)

Same Day 200%

Next Day 100%

Two Day 50%

Three Day 25%

Date Results Needed

Email? No Yes

FAX? No Yes

No. of Cntrs

Date

Time

Report to: Scott Dacus Email: sdacus@smeinc.com

Project Description: Former Cermitec Plant 1
City/State Collected SC

Client Project #: 1267-06-069
Lab Project # SMESPAR-126706669

Site/Facility ID#: P.O. #:

Collected by (signature): *Scott Dacus*

Rush? (Lab MUST Be Notified)

Same Day 200%

Next Day 100%

Two Day 50%

Three Day 25%

Date Results Needed

Email? No Yes

FAX? No Yes

No. of Cntrs

Date

Time

Report to: Scott Dacus Email: sdacus@smeinc.com

Project Description: Former Cermitec Plant 1
City/State Collected SC

Client Project #: 1267-06-069
Lab Project # SMESPAR-126706669

Site/Facility ID#: P.O. #:

Collected by (signature): *Scott Dacus*

Rush? (Lab MUST Be Notified)

Same Day 200%

Next Day 100%

Two Day 50%

Three Day 25%

Date Results Needed

Email? No Yes

FAX? No Yes

No. of Cntrs

Date

Time

Report to: Scott Dacus Email: sdacus@smeinc.com

Project Description: Former Cermitec Plant 1
City/State Collected SC

Client Project #: 1267-06-069
Lab Project # SMESPAR-126706669

Site/Facility ID#: P.O. #:

Collected by (signature): *Scott Dacus*

Rush? (Lab MUST Be Notified)

Same Day 200%

Next Day 100%

Two Day 50%

Three Day 25%

Date Results Needed

Email? No Yes

FAX? No Yes

No. of Cntrs

Date

Time

Report to: Scott Dacus Email: sdacus@smeinc.com

Project Description: Former Cermitec Plant 1
City/State Collected SC

Client Project #: 1267-06-069
Lab Project # SMESPAR-126706669

Site/Facility ID#: P.O. #:

Collected by (signature): *Scott Dacus*

Rush? (Lab MUST Be Notified)

Same Day 200%

Next Day 100%

Two Day 50%

Three Day 25%

Date Results Needed

Email? No Yes

FAX? No Yes

No. of Cntrs

Date

Time

Report to: Scott Dacus Email: sdacus@smeinc.com

Project Description: Former Cermitec Plant 1
City/State Collected SC

Client Project #: 1267-06-069
Lab Project # SMESPAR-126706669

Site/Facility ID#: P.O. #:

Collected by (signature): *Scott Dacus*

Rush? (Lab MUST Be Notified)

Same Day 200%

Next Day 100%

Two Day 50%

Three Day 25%

Date Results Needed

Email? No Yes

FAX? No Yes

No. of Cntrs

Date

Time

Report to: Scott Dacus Email: sdacus@smeinc.com

Project Description: Former Cermitec Plant 1
City/State Collected SC

Client Project #: 1267-06-069
Lab Project # SMESPAR-126706669

Site/Facility ID#: P.O. #:

Collected by (signature): *Scott Dacus*

Rush? (Lab MUST Be Notified)

Same Day

S&ME Inc. - Spartanburg SC

155 Tradd Street
Spartanburg, SC 29301

Alternate billing information:

Analysis/Container/Preservative

Report to:	Scott Dacus	Email:	sdacus@smeinc.com
Project Description:	Former Cermitec Plant 1	City/State Collected	SC
Phone:	(864) 574-2360	Client Project #:	Lab Project #
FAX:	(864) 576-8730	1267-06-669	SMESPAR-126706669
Collected by (print):	Scott Dacus	P.O. #:	

Sample ID	Comp/Grab	Matrix*	Depth	Date	Date Results Needed			Remarks/Contaminant	Sample # (lab only)
					Same Day	200%	Next Day	100%	
DS-1-1	Grab	SS		10/4/06	1355	9	X	X	
DS-1-12		SS			1410	9	X	X	
DS-1-14		SS			1420	9	X	X	
DS-1-1		SS			1445	97	X	X	
DS-2-1		SS			1500	7	X	X	
SSL-1-16		SS			1540	39	X	X	
SSL-2-6		SS			1600	19	X	X	
ERB-55		SS			1630	15	X	X	
TE17 Black		SS			1700	71	X	X	

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other _____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Relinquished by: (Signature) 	Date: 10/4/06	Time: 1030	Received by: (Signature) 	<input type="checkbox"/> UPS	<input type="checkbox"/> Condition:
Relinquished by: (Signature) 	Date: 10/5/06	Time: 1000	Received by: (Signature) 	<input type="checkbox"/> FedEx <input type="checkbox"/> Courier	<input type="checkbox"/>
Relinquished by: (Signature) 	Date: 10/5/06	Time: 1000	Received for lab by: (Signature) 	Temp: 36°C Date: 10/5/06 Time: 10:00	Bottles Received: 7/14/06 pH Checked: NCF



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Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

Report Summary

Wednesday October 18, 2006

Report Number: L264294

Samples Received: 10/07/06

Client Project: 1267-06-669

Description: Former Cermtec Plant 1

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Reviewed By:

TM M
Tom Mellette, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910



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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 18, 2006

Date Received : October 07, 2006
Description : Former Cermtec Plant 1
Sample ID : DPT-1-50-GW
Collected By : Scott Dacus
Collection Date : 10/05/06 16:00

ESC Sample # : L264294-01
Site ID :
Project # : 1267-06-669

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	10/11/06	1
Benzene	BDL	1.0	ug/l	8260B	10/11/06	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	10/11/06	1
Bromoform	BDL	1.0	ug/l	8260B	10/11/06	1
Bromomethane	BDL	1.0	ug/l	8260B	10/13/06	1
Carbon disulfide	BDL	1.0	ug/l	8260B	10/11/06	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	10/11/06	1
Chlorobenzene	BDL	1.0	ug/l	8260B	10/11/06	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	10/11/06	1
Chloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
Chloroform	BDL	5.0	ug/l	8260B	10/11/06	1
Chloromethane	BDL	1.0	ug/l	8260B	10/13/06	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	10/11/06	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	10/11/06	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/11/06	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/13/06	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/11/06	1
1,1-Dichloroethane	3.7	1.0	ug/l	8260B	10/11/06	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
1,1-Dichloroethene	17.	1.0	ug/l	8260B	10/11/06	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	10/11/06	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	10/11/06	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	10/11/06	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	10/11/06	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	10/11/06	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	10/11/06	1
Ethylbenzene	BDL	1.0	ug/l	8260B	10/11/06	1
2-Butanone (MEK)	BDL	10.	ug/l	8260B	10/13/06	1
2-Hexanone	BDL	10.	ug/l	8260B	10/11/06	1
Methylene Chloride	BDL	5.0	ug/l	8260B	10/11/06	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	10/11/06	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	10/11/06	1
Naphthalene	BDL	5.0	ug/l	8260B	10/11/06	1
Styrene	BDL	1.0	ug/l	8260B	10/11/06	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
Tetrachloroethene	4.3	1.0	ug/l	8260B	10/11/06	1
Toluene	BDL	5.0	ug/l	8260B	10/11/06	1
1,1,1-Trichloroethane	1.3	1.0	ug/l	8260B	10/11/06	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
Trichloroethene	1.5	1.0	ug/l	8260B	10/11/06	1
Vinyl chloride	BDL	1.0	ug/l	8260B	10/11/06	1
Xylenes, Total	BDL	3.0	ug/l	8260B	10/11/06	1
1,1,2-Trichloro-1,2,2-Trifluoro	BDL	1.0	ug/l	8260B	10/11/06	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

L264294-01 (SV8270BNA) - matrix interference confirmed



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SCIENCE CORP.

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 18, 2006

Date Received : October 07, 2006
Description : Former Cermtec Plant 1
Sample ID : DPT-1-50-GW
Collected By : Scott Dacus
Collection Date : 10/05/06 16:00

ESC Sample # : L264294-01
Site ID :
Project # : 1267-06-669

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	10/11/06	1
Surrogate Recovery						
Toluene-d8	76.2		% Rec.	8260B	10/11/06	1
Dibromofluoromethane	89.2		% Rec.	8260B	10/11/06	1
4-Bromofluorobenzene	98.6		% Rec.	8260B	10/11/06	1
Base/Neutral Extractables						
Acenaphthene	BDL	1.0	ug/l	8270C	10/12/06	1
Acenaphthylene	BDL	1.0	ug/l	8270C	10/12/06	1
Anthracene	BDL	1.0	ug/l	8270C	10/12/06	1
Benzidine	BDL	50.	ug/l	8270C	10/12/06	1
Benzo(a)anthracene	BDL	1.0	ug/l	8270C	10/12/06	1
Benzo(b)fluoranthene	BDL	1.0	ug/l	8270C	10/12/06	1
Benzo(k)fluoranthene	BDL	1.0	ug/l	8270C	10/12/06	1
Benzo(g,h,i)perylene	BDL	1.0	ug/l	8270C	10/12/06	1
Benzo(a)pyrene	BDL	1.0	ug/l	8270C	10/12/06	1
Bis(2-chlorethoxy)methane	BDL	10.	ug/l	8270C	10/12/06	1
Bis(2-chloroethyl)ether	BDL	10.	ug/l	8270C	10/12/06	1
Bis(2-chloroisopropyl)ether	BDL	10.	ug/l	8270C	10/12/06	1
4-Bromophenyl-phenylether	BDL	10.	ug/l	8270C	10/12/06	1
2-Chloronaphthalene	BDL	10.	ug/l	8270C	10/12/06	1
4-Chlorophenyl-phenylether	BDL	10.	ug/l	8270C	10/12/06	1
Chrysene	BDL	1.0	ug/l	8270C	10/12/06	1
Dibenz(a,h)anthracene	BDL	1.0	ug/l	8270C	10/12/06	1
3,3-Dichlorobenzidine	BDL	10.	ug/l	8270C	10/12/06	1
2,4-Dinitrotoluene	BDL	10.	ug/l	8270C	10/12/06	1
2,6-Dinitrotoluene	BDL	10.	ug/l	8270C	10/12/06	1
Fluoranthene	BDL	1.0	ug/l	8270C	10/12/06	1
Fluorene	BDL	1.0	ug/l	8270C	10/12/06	1
Hexachlorobenzene	BDL	10.	ug/l	8270C	10/12/06	1
Hexachloro-1,3-butadiene	BDL	10.	ug/l	8270C	10/12/06	1
Hexachlorocyclopentadiene	BDL	10.	ug/l	8270C	10/12/06	1
Hexachloroethane	BDL	10.	ug/l	8270C	10/12/06	1
Indeno(1,2,3-cd)pyrene	BDL	1.0	ug/l	8270C	10/12/06	1
Isophorone	BDL	10.	ug/l	8270C	10/12/06	1
2-Methylnaphthalene	BDL	10.	ug/l	8270C	10/12/06	1
Naphthalene	BDL	5.0	ug/l	8270C	10/12/06	1
Nitrobenzene	BDL	10.	ug/l	8270C	10/12/06	1
n-Nitrosodimethylamine	BDL	50.	ug/l	8270C	10/12/06	1
n-Nitrosodiphenylamine	BDL	10.	ug/l	8270C	10/12/06	1
n-Nitrosodi-n-propylamine	BDL	10.	ug/l	8270C	10/12/06	1
Phenanthrene	BDL	1.0	ug/l	8270C	10/12/06	1
Benzylbutyl phthalate	BDL	10.	ug/l	8270C	10/12/06	1
Bis(2-ethylhexyl)phthalate	BDL	10.	ug/l	8270C	10/12/06	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

L264294-01 (SV8270BNA) - matrix interference confirmed



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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 18, 2006

Date Received : October 07, 2006
Description : Former Cermtec Plant 1
Sample ID : DPT-1-50-GW
Collected By : Scott Dacus
Collection Date : 10/05/06 16:00

ESC Sample # : L264294-01
Site ID :
Project # : 1267-06-669

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Di-n-butyl phthalate	BDL	10.	ug/l	8270C	10/12/06	1
Diethyl phthalate	BDL	10.	ug/l	8270C	10/12/06	1
Dimethyl phthalate	BDL	10.	ug/l	8270C	10/12/06	1
Di-n-octyl phthalate	BDL	10.	ug/l	8270C	10/12/06	1
Pyrene	BDL	1.0	ug/l	8270C	10/12/06	1
1,2,4-Trichlorobenzene	BDL	10.	ug/l	8270C	10/12/06	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	10.	ug/l	8270C	10/12/06	1
2-Chlorophenol	BDL	10.	ug/l	8270C	10/12/06	1
m&p-Cresol	BDL	10.	ug/l	8270C	10/12/06	1
o-Cresol	BDL	10.	ug/l	8270C	10/12/06	1
2,4-Dichlorophenol	BDL	10.	ug/l	8270C	10/12/06	1
2,4-Dimethylphenol	BDL	10.	ug/l	8270C	10/12/06	1
4,6-Dinitro-2-methylphenol	BDL	10.	ug/l	8270C	10/12/06	1
2,4-Dinitrophenol	BDL	10.	ug/l	8270C	10/12/06	1
2-Nitrophenol	BDL	10.	ug/l	8270C	10/12/06	1
4-Nitrophenol	BDL	10.	ug/l	8270C	10/12/06	1
Pentachlorophenol	BDL	10.	ug/l	8270C	10/12/06	1
Phenol	BDL	10.	ug/l	8270C	10/12/06	1
2,4,6-Trichlorophenol	BDL	10.	ug/l	8270C	10/12/06	1
Surrogate Recovery						
Nitrobenzene-d5	58.9	% Rec.	8270C	10/12/06	1	
2-Fluorobiphenyl	77.7	% Rec.	8270C	10/12/06	1	
p-Terphenyl-d14	84.1	% Rec.	8270C	10/12/06	1	
Phenol-d5	0.850	% Rec.	8270C	10/12/06	1	
2-Fluorophenol	0.890	% Rec.	8270C	10/12/06	1	
2,4,6-Tribromophenol	5.44	% Rec.	8270C	10/12/06	1	

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Reported: 10/16/06 09:02 Revised: 10/18/06 11:39

L264294-01 (SV8270BNA) - matrix interference confirmed



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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 18, 2006

Date Received : October 07, 2006
Description : Former Cermtec Plant 1
Sample ID : DPT-2-64-GW
Collected By : Scott Dacus
Collection Date : 10/05/06 15:15

ESC Sample # : L264294-02
Site ID :
Project # : 1267-06-669

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	10/11/06	1
Benzene	BDL	1.0	ug/l	8260B	10/11/06	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	10/11/06	1
Bromoform	BDL	1.0	ug/l	8260B	10/11/06	1
Bromomethane	BDL	5.0	ug/l	8260B	10/13/06	5
Carbon disulfide	BDL	1.0	ug/l	8260B	10/11/06	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	10/11/06	1
Chlorobenzene	BDL	1.0	ug/l	8260B	10/11/06	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	10/11/06	1
Chloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
Chloroform	BDL	5.0	ug/l	8260B	10/11/06	1
Chloromethane	BDL	1.0	ug/l	8260B	10/13/06	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	10/11/06	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	10/11/06	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/11/06	1
1,3-Dichlorobenzene	BDL	5.0	ug/l	8260B	10/13/06	5
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/11/06	1
1,1-Dichloroethane	170	1.0	ug/l	8260B	10/11/06	1
1,2-Dichloroethane	2.1	1.0	ug/l	8260B	10/11/06	1
1,1-Dichloroethene	450	5.0	ug/l	8260B	10/13/06	5
cis-1,2-Dichloroethene	9.1	1.0	ug/l	8260B	10/11/06	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	10/11/06	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	10/11/06	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	10/11/06	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	10/11/06	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	10/11/06	1
Ethylbenzene	BDL	1.0	ug/l	8260B	10/11/06	1
2-Butanone (MEK)	BDL	50.	ug/l	8260B	10/13/06	5
2-Hexanone	BDL	10.	ug/l	8260B	10/11/06	1
Methylene Chloride	BDL	5.0	ug/l	8260B	10/11/06	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	10/11/06	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	10/11/06	1
Naphthalene	BDL	5.0	ug/l	8260B	10/11/06	1
Styrene	BDL	1.0	ug/l	8260B	10/11/06	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
Tetrachloroethene	30.	1.0	ug/l	8260B	10/11/06	1
Toluene	BDL	5.0	ug/l	8260B	10/11/06	1
1,1,1-Trichloroethane	1.1	1.0	ug/l	8260B	10/11/06	1
1,1,2-Trichloroethane	3.2	1.0	ug/l	8260B	10/11/06	1
Trichloroethene	7.5	1.0	ug/l	8260B	10/11/06	1
Vinyl chloride	1.1	1.0	ug/l	8260B	10/11/06	1
Xylenes, Total	BDL	3.0	ug/l	8260B	10/11/06	1
1,1,2-Trichloro-1,2,2-Trifluoro	BDL	1.0	ug/l	8260B	10/11/06	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

L264294-02 (SV8270BNA) - matrix interference confirmed



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Est. 1970

REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 18, 2006

Date Received : October 07, 2006
Description : Former Cermetec Plant 1
Sample ID : DPT-2-64-GW
Collected By : Scott Dacus
Collection Date : 10/05/06 15:15

ESC Sample # : L264294-02
Site ID :
Project # : 1267-06-669

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	10/11/06	1
Surrogate Recovery						
Toluene-d8	76.9		% Rec.	8260B	10/11/06	1
Dibromofluoromethane	85.3		% Rec.	8260B	10/11/06	1
4-Bromofluorobenzene	89.7		% Rec.	8260B	10/11/06	1
Base/Neutral Extractables						
Acenaphthene	BDL	1.0	ug/l	8270C	10/12/06	1
Acenaphthylene	BDL	1.0	ug/l	8270C	10/12/06	1
Anthracene	BDL	1.0	ug/l	8270C	10/12/06	1
Benzidine	BDL	50.	ug/l	8270C	10/12/06	1
Benzo(a)anthracene	BDL	1.0	ug/l	8270C	10/12/06	1
Benzo(b)fluoranthene	BDL	1.0	ug/l	8270C	10/12/06	1
Benzo(k)fluoranthene	BDL	1.0	ug/l	8270C	10/12/06	1
Benzo(g,h,i)perylene	BDL	1.0	ug/l	8270C	10/12/06	1
Benzo(a)pyrene	BDL	1.0	ug/l	8270C	10/12/06	1
Bis(2-chloroethoxy)methane	BDL	10.	ug/l	8270C	10/12/06	1
Bis(2-chloroethyl)ether	BDL	10.	ug/l	8270C	10/12/06	1
Bis(2-chloroisopropyl)ether	BDL	10.	ug/l	8270C	10/12/06	1
4-Bromophenyl-phenylether	BDL	10.	ug/l	8270C	10/12/06	1
2-Chloronaphthalene	BDL	10.	ug/l	8270C	10/12/06	1
4-Chlorophenyl-phenylether	BDL	10.	ug/l	8270C	10/12/06	1
Chrysene	BDL	1.0	ug/l	8270C	10/12/06	1
Dibenz(a,h)anthracene	BDL	1.0	ug/l	8270C	10/12/06	1
3,3-Dichlorobenzidine	BDL	10.	ug/l	8270C	10/12/06	1
2,4-Dinitrotoluene	BDL	10.	ug/l	8270C	10/12/06	1
2,6-Dinitrotoluene	BDL	10.	ug/l	8270C	10/12/06	1
Fluoranthene	BDL	1.0	ug/l	8270C	10/12/06	1
Fluorene	BDL	1.0	ug/l	8270C	10/12/06	1
Hexachlorobenzene	BDL	10.	ug/l	8270C	10/12/06	1
Hexachloro-1,3-butadiene	BDL	10.	ug/l	8270C	10/12/06	1
Hexachlorocyclopentadiene	BDL	10.	ug/l	8270C	10/12/06	1
Hexachloroethane	BDL	10.	ug/l	8270C	10/12/06	1
Indeno(1,2,3-cd)pyrene	BDL	1.0	ug/l	8270C	10/12/06	1
Isophorone	BDL	10.	ug/l	8270C	10/12/06	1
2-Methylnaphthalene	BDL	10.	ug/l	8270C	10/12/06	1
Naphthalene	BDL	5.0	ug/l	8270C	10/12/06	1
Nitrobenzene	BDL	10.	ug/l	8270C	10/12/06	1
n-Nitrosodimethylamine	BDL	50.	ug/l	8270C	10/12/06	1
n-Nitrosodiphenylamine	BDL	10.	ug/l	8270C	10/12/06	1
n-Nitrosodi-n-propylamine	BDL	10.	ug/l	8270C	10/12/06	1
Phenanthrene	BDL	1.0	ug/l	8270C	10/12/06	1
Benzylbutyl phthalate	BDL	10.	ug/l	8270C	10/12/06	1
Bis(2-ethylhexyl)phthalate	BDL	10.	ug/l	8270C	10/12/06	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

L264294-02 (SV8270BNA) - matrix interference confirmed



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Est. 1970

REPORT OF ANALYSIS

October 18, 2006

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

Date Received : October 07, 2006
Description : Former Cermtec Plant 1
Sample ID : DPT-2-64-GW
Collected By : Scott Dacus
Collection Date : 10/05/06 15:15

ESC Sample # : L264294-02

Site ID :

Project # : 1267-06-669

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Di-n-butyl phthalate	BDL	10.	ug/l	8270C	10/12/06	1
Diethyl phthalate	BDL	10.	ug/l	8270C	10/12/06	1
Dimethyl phthalate	BDL	10.	ug/l	8270C	10/12/06	1
Di-n-octyl phthalate	BDL	10.	ug/l	8270C	10/12/06	1
Pyrene	BDL	1.0	ug/l	8270C	10/12/06	1
1,2,4-Trichlorobenzene	BDL	10.	ug/l	8270C	10/12/06	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	10.	ug/l	8270C	10/12/06	1
2-Chlorophenol	BDL	10.	ug/l	8270C	10/12/06	1
m,p-Cresol	BDL	10.	ug/l	8270C	10/12/06	1
o-Cresol	BDL	10.	ug/l	8270C	10/12/06	1
2,4-Dichlorophenol	BDL	10.	ug/l	8270C	10/12/06	1
2,4-Dimethylphenol	BDL	10.	ug/l	8270C	10/12/06	1
4,6-Dinitro-2-methylphenol	BDL	10.	ug/l	8270C	10/12/06	1
2,4-Dinitrophenol	BDL	10.	ug/l	8270C	10/12/06	1
2-Nitrophenol	BDL	10.	ug/l	8270C	10/12/06	1
4-Nitrophenol	BDL	10.	ug/l	8270C	10/12/06	1
Pentachlorophenol	BDL	10.	ug/l	8270C	10/12/06	1
Phenol	BDL	10.	ug/l	8270C	10/12/06	1
2,4,6-Trichlorophenol	BDL	10.	ug/l	8270C	10/12/06	1
Surrogate Recovery						
Nitrobenzene-d5	42.7		% Rec.	8270C	10/12/06	1
2-Fluorobiphenyl	59.1		% Rec.	8270C	10/12/06	1
p-Terphenyl-d14	77.7		% Rec.	8270C	10/12/06	1
Phenol-d5	0.390		% Rec.	8270C	10/12/06	1
2-Fluorophenol	0.680		% Rec.	8270C	10/12/06	1
2,4,6-Tribromophenol	5.85		% Rec.	8270C	10/12/06	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Reported: 10/16/06 09:02 Revised: 10/18/06 11:39
L264294-02 (SV8270BNA) - matrix interference confirmed



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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 18, 2006

Date Received : October 07, 2006
Description : Former Cermtec Plant 1
Sample ID : OS-MW-1
Collected By : Scott Dacus
Collection Date : 10/06/06 13:10

ESC Sample # : L264294-03
Site ID :
Project # : 1267-06-669

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Cyanide	BDL	5.0	ug/l	9012	10/13/06	1
Mercury	BDL	0.20	ug/l	7470A	10/10/06	1
Aluminum	580	100	ug/l	6010B	10/13/06	1
Antimony	BDL	10.	ug/l	6010B	10/13/06	1
Arsenic	BDL	10.	ug/l	6010B	10/13/06	1
Barium	34.	5.0	ug/l	6010B	10/13/06	1
Beryllium	BDL	2.0	ug/l	6010B	10/13/06	1
Cadmium	BDL	5.0	ug/l	6010B	10/13/06	1
Calcium	1500	500	ug/l	6010B	10/13/06	1
Chromium	BDL	10.	ug/l	6010B	10/13/06	1
Cobalt	BDL	10.	ug/l	6010B	10/13/06	1
Copper	BDL	20.	ug/l	6010B	10/13/06	1
Iron	490	100	ug/l	6010B	10/13/06	1
Lead	BDL	5.0	ug/l	6010B	10/13/06	1
Magnesium	1500	100	ug/l	6010B	10/13/06	1
Manganese	92.	10.	ug/l	6010B	10/13/06	1
Nickel	25.	20.	ug/l	6010B	10/13/06	1
Potassium	2200	500	ug/l	6010B	10/13/06	1
Selenium	BDL	20.	ug/l	6010B	10/13/06	1
Silver	BDL	10.	ug/l	6010B	10/13/06	1
Sodium	5200	500	ug/l	6010B	10/13/06	1
Thallium	BDL	20.	ug/l	6010B	10/13/06	1
Vanadium	BDL	10.	ug/l	6010B	10/13/06	1
Zinc	37.	30.	ug/l	6010B	10/13/06	1
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	10/11/06	1
Benzene	BDL	1.0	ug/l	8260B	10/11/06	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	10/11/06	1
Bromoform	BDL	1.0	ug/l	8260B	10/11/06	1
Bromomethane	BDL	1.0	ug/l	8260B	10/13/06	1
Carbon disulfide	BDL	1.0	ug/l	8260B	10/11/06	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	10/11/06	1
Chlorobenzene	BDL	1.0	ug/l	8260B	10/11/06	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	10/11/06	1
Chloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
Chloroform	BDL	5.0	ug/l	8260B	10/11/06	1
Chloromethane	BDL	1.0	ug/l	8260B	10/13/06	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	10/11/06	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	10/11/06	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/11/06	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/13/06	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



**ENVIRONMENTAL
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 18, 2006

Date Received : October 07, 2006
Description : Former Cermtec Plant 1
Sample ID : OS-MW-1
Collected By : Scott Dacus
Collection Date : 10/06/06 13:10

ESC Sample # : L264294-03
Site ID :
Project # : 1267-06-669

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/11/06	1
1,1-Dichloroethane	4.1	1.0	ug/l	8260B	10/11/06	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
1,1-Dichloroethene	8.2	1.0	ug/l	8260B	10/11/06	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	10/11/06	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	10/11/06	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	10/11/06	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	10/11/06	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	10/11/06	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	10/11/06	1
Ethylbenzene	BDL	1.0	ug/l	8260B	10/11/06	1
2-Butanone (MEK)	BDL	10.	ug/l	8260B	10/13/06	1
2-Hexanone	BDL	10.	ug/l	8260B	10/11/06	1
Methylene Chloride	BDL	5.0	ug/l	8260B	10/11/06	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	10/11/06	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	10/11/06	1
Naphthalene	BDL	5.0	ug/l	8260B	10/11/06	1
Styrene	BDL	1.0	ug/l	8260B	10/11/06	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
Tetrachloroethene	14.	1.0	ug/l	8260B	10/11/06	1
Toluene	BDL	5.0	ug/l	8260B	10/11/06	1
1,1,1-Trichloroethane	5.5	1.0	ug/l	8260B	10/11/06	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
Trichloroethene	BDL	1.0	ug/l	8260B	10/11/06	1
Vinyl chloride	BDL	1.0	ug/l	8260B	10/11/06	1
Xylenes, Total	BDL	3.0	ug/l	8260B	10/11/06	1
1,1,2-Trichloro-1,2,2-Trifluoro	BDL	1.0	ug/l	8260B	10/11/06	1
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	10/11/06	1
Surrogate Recovery						
Toluene-d8	76.3		% Rec.	8260B	10/11/06	1
Dibromofluoromethane	86.1		% Rec.	8260B	10/11/06	1
4-Bromofluorobenzene	94.0		% Rec.	8260B	10/11/06	1
Base/Neutral Extractables						
Acenaphthene	BDL	1.0	ug/l	8270C	10/10/06	1
Acenaphthylene	BDL	1.0	ug/l	8270C	10/10/06	1
Anthracene	BDL	1.0	ug/l	8270C	10/10/06	1
Benzidine	BDL	50.	ug/l	8270C	10/10/06	1
Benzo(a)anthracene	BDL	1.0	ug/l	8270C	10/10/06	1
Benzo(b)fluoranthene	BDL	1.0	ug/l	8270C	10/10/06	1
Benzo(k)fluoranthene	BDL	1.0	ug/l	8270C	10/10/06	1
Benzo(g,h,i)perylene	BDL	1.0	ug/l	8270C	10/10/06	1
Benzo(a)pyrene	BDL	1.0	ug/l	8270C	10/10/06	1
Bis(2-chlorethoxy)methane	BDL	10.	ug/l	8270C	10/10/06	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 18, 2006

Date Received : October 07, 2006
Description : Former Cermtec Plant 1
Sample ID : OS-MW-1
Collected By : Scott Dacus
Collection Date : 10/06/06 13:10

ESC Sample # : L264294-03
Site ID :
Project # : 1267-06-669

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Bis(2-chloroethyl)ether	BDL	10.	ug/l	8270C	10/10/06	1
Bis(2-chloroisopropyl)ether	BDL	10.	ug/l	8270C	10/10/06	1
4-Bromophenyl-phenylether	BDL	10.	ug/l	8270C	10/10/06	1
2-Chloronaphthalene	BDL	10.	ug/l	8270C	10/10/06	1
4-Chlorophenyl-phenylether	BDL	10.	ug/l	8270C	10/10/06	1
Chrysene	BDL	1.0	ug/l	8270C	10/10/06	1
Dibenz(a,h)anthracene	BDL	1.0	ug/l	8270C	10/10/06	1
3,3-Dichlorobenzidine	BDL	10.	ug/l	8270C	10/10/06	1
2,4-Dinitrotoluene	BDL	10.	ug/l	8270C	10/10/06	1
2,6-Dinitrotoluene	BDL	10.	ug/l	8270C	10/10/06	1
Fluoranthene	BDL	1.0	ug/l	8270C	10/10/06	1
Fluorene	BDL	1.0	ug/l	8270C	10/10/06	1
Hexachlorobenzene	BDL	10.	ug/l	8270C	10/10/06	1
Hexachloro-1,3-butadiene	BDL	10.	ug/l	8270C	10/10/06	1
Hexachlorocyclopentadiene	BDL	10.	ug/l	8270C	10/10/06	1
Hexachloroethane	BDL	10.	ug/l	8270C	10/10/06	1
Indeno(1,2,3-cd)pyrene	BDL	1.0	ug/l	8270C	10/10/06	1
Isophorone	BDL	10.	ug/l	8270C	10/10/06	1
2-Methylnaphthalene	BDL	10.	ug/l	8270C	10/10/06	1
Naphthalene	BDL	5.0	ug/l	8270C	10/10/06	1
Nitrobenzene	BDL	10.	ug/l	8270C	10/10/06	1
n-Nitrosodimethylamine	BDL	50.	ug/l	8270C	10/10/06	1
n-Nitrosodiphenylamine	BDL	10.	ug/l	8270C	10/10/06	1
n-Nitrosodi-n-propylamine	BDL	10.	ug/l	8270C	10/10/06	1
Phenanthrene	BDL	1.0	ug/l	8270C	10/10/06	1
Benzylbutyl phthalate	BDL	10.	ug/l	8270C	10/10/06	1
Bis(2-ethylhexyl)phthalate	BDL	10.	ug/l	8270C	10/10/06	1
Di-n-butyl phthalate	BDL	10.	ug/l	8270C	10/10/06	1
Diethyl phthalate	BDL	10.	ug/l	8270C	10/10/06	1
Dimethyl phthalate	BDL	10.	ug/l	8270C	10/10/06	1
Di-n-octyl phthalate	BDL	10.	ug/l	8270C	10/10/06	1
Pyrene	BDL	1.0	ug/l	8270C	10/10/06	1
1,2,4-Trichlorobenzene	BDL	10.	ug/l	8270C	10/10/06	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	10.	ug/l	8270C	10/10/06	1
2-Chlorophenol	BDL	10.	ug/l	8270C	10/10/06	1
m&p-Cresol	BDL	10.	ug/l	8270C	10/10/06	1
o-Cresol	BDL	10.	ug/l	8270C	10/10/06	1
2,4-Dichlorophenol	BDL	10.	ug/l	8270C	10/10/06	1
2,4-Dimethylphenol	BDL	10.	ug/l	8270C	10/10/06	1
4,6-Dinitro-2-methylphenol	BDL	10.	ug/l	8270C	10/10/06	1
2,4-Dinitrophenol	BDL	10.	ug/l	8270C	10/10/06	1
2-Nitrophenol	BDL	10.	ug/l	8270C	10/10/06	1
4-Nitrophenol	BDL	10.	ug/l	8270C	10/10/06	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 18, 2006

Date Received : October 07, 2006
Description : Former Cermtec Plant 1
Sample ID : OS-MW-1
Collected By : Scott Dacus
Collection Date : 10/06/06 13:10

ESC Sample # : L264294-03
Site ID :
Project # : 1267-06-669

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Pentachlorophenol	BDL	10.	ug/l	8270C	10/10/06	1
Phenol	BDL	10.	ug/l	8270C	10/10/06	1
2,4,6-Trichlorophenol	BDL	10.	ug/l	8270C	10/10/06	1
Surrogate Recovery						
Nitrobenzene-d5	71.2		% Rec.	8270C	10/10/06	1
2-Fluorobiphenyl	85.8		% Rec.	8270C	10/10/06	1
p-Terphenyl-d14	92.4		% Rec.	8270C	10/10/06	1
Phenol-d5	57.8		% Rec.	8270C	10/10/06	1
2-Fluorophenol	43.9		% Rec.	8270C	10/10/06	1
2,4,6-Tribromophenol	56.8		% Rec.	8270C	10/10/06	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted.
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Reported: 10/16/06 09:02 Revised: 10/18/06 11:39



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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 18, 2006

Date Received : October 07, 2006
Description : Former Cermtec Plant 1
Sample ID : OS-MW-1A
Collected By : Scott Dacus
Collection Date : 10/06/06 13:25

ESC Sample # : L264294-04
Site ID :
Project # : 1267-06-669

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Cyanide	BDL	5.0	ug/l	9012	10/13/06	1
Mercury	BDL	0.20	ug/l	7470A	10/10/06	1
Aluminum	2800	100	ug/l	6010B	10/12/06	1
Antimony	BDL	10.	ug/l	6010B	10/13/06	1
Arsenic	BDL	10.	ug/l	6010B	10/13/06	1
Barium	47.	5.0	ug/l	6010B	10/13/06	1
Beryllium	BDL	2.0	ug/l	6010B	10/13/06	1
Cadmium	BDL	5.0	ug/l	6010B	10/13/06	1
Calcium	1600	500	ug/l	6010B	10/13/06	1
Chromium	BDL	10.	ug/l	6010B	10/13/06	1
Cobalt	BDL	10.	ug/l	6010B	10/13/06	1
Copper	BDL	20.	ug/l	6010B	10/13/06	1
Iron	2500	100	ug/l	6010B	10/13/06	1
Lead	BDL	5.0	ug/l	6010B	10/13/06	1
Magnesium	1800	100	ug/l	6010B	10/13/06	1
Manganese	110	10.	ug/l	6010B	10/13/06	1
Nickel	29.	20.	ug/l	6010B	10/13/06	1
Potassium	2400	500	ug/l	6010B	10/13/06	1
Selenium	BDL	20.	ug/l	6010B	10/13/06	1
Silver	BDL	10.	ug/l	6010B	10/13/06	1
Sodium	5200	500	ug/l	6010B	10/13/06	1
Thallium	BDL	20.	ug/l	6010B	10/13/06	1
Vanadium	BDL	10.	ug/l	6010B	10/13/06	1
Zinc	50.	30.	ug/l	6010B	10/13/06	1
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	10/11/06	1
Benzene	BDL	1.0	ug/l	8260B	10/11/06	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	10/11/06	1
Bromoform	BDL	1.0	ug/l	8260B	10/11/06	1
Bromomethane	BDL	1.0	ug/l	8260B	10/13/06	1
Carbon disulfide	BDL	1.0	ug/l	8260B	10/11/06	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	10/11/06	1
Chlorobenzene	BDL	1.0	ug/l	8260B	10/11/06	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	10/11/06	1
Chloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
Chloroform	BDL	5.0	ug/l	8260B	10/11/06	1
Chloromethane	BDL	1.0	ug/l	8260B	10/13/06	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	10/11/06	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	10/11/06	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/11/06	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/13/06	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 18, 2006

Date Received : October 07, 2006
Description : Former Cermtec Plant 1
Sample ID : OS-MW-1A
Collected By : Scott Dacus
Collection Date : 10/06/06 13:25

ESC Sample # : L264294-04
Site ID :
Project # : 1267-06-669

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/11/06	1
1,1-Dichloroethane	3.4	1.0	ug/l	8260B	10/11/06	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
1,1-Dichloroethene	7.6	1.0	ug/l	8260B	10/11/06	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	10/11/06	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	10/11/06	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	10/11/06	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	10/11/06	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	10/11/06	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	10/11/06	1
Ethylbenzene	BDL	1.0	ug/l	8260B	10/11/06	1
2-Butanone (MEK)	BDL	10.	ug/l	8260B	10/13/06	1
2-Hexanone	BDL	10.	ug/l	8260B	10/11/06	1
Methylene Chloride	BDL	5.0	ug/l	8260B	10/11/06	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	10/11/06	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	10/11/06	1
Naphthalene	BDL	5.0	ug/l	8260B	10/11/06	1
Styrene	BDL	1.0	ug/l	8260B	10/11/06	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
Tetrachloroethene	13.	1.0	ug/l	8260B	10/11/06	1
Toluene	BDL	5.0	ug/l	8260B	10/11/06	1
1,1,1-Trichloroethane	5.5	1.0	ug/l	8260B	10/11/06	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
Trichloroethene	BDL	1.0	ug/l	8260B	10/11/06	1
Vinyl chloride	BDL	1.0	ug/l	8260B	10/11/06	1
Xylenes, Total	BDL	3.0	ug/l	8260B	10/11/06	1
1,1,2-Trichloro-1,2,2-Trifluoro	BDL	1.0	ug/l	8260B	10/11/06	1
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	10/11/06	1
Surrogate Recovery						
Toluene-d8	75.7		% Rec.	8260B	10/11/06	1
Dibromofluoromethane	89.4		% Rec.	8260B	10/11/06	1
4-Bromofluorobenzene	93.3		% Rec.	8260B	10/11/06	1
Base/Neutral Extractables						
Acenaphthene	BDL	1.0	ug/l	8270C	10/10/06	1
Acenaphthylene	BDL	1.0	ug/l	8270C	10/10/06	1
Anthracene	BDL	1.0	ug/l	8270C	10/10/06	1
Benzidine	BDL	50.	ug/l	8270C	10/10/06	1
Benzo(a)anthracene	BDL	1.0	ug/l	8270C	10/10/06	1
Benzo(b)fluoranthene	BDL	1.0	ug/l	8270C	10/10/06	1
Benzo(k)fluoranthene	BDL	1.0	ug/l	8270C	10/10/06	1
Benzo(g,h,i)perylene	BDL	1.0	ug/l	8270C	10/10/06	1
Benzo(a)pyrene	BDL	1.0	ug/l	8270C	10/10/06	1
Bis(2-chlorethoxy)methane	BDL	10.	ug/l	8270C	10/10/06	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 18, 2006

Date Received : October 07, 2006
Description : Former Cermtec Plant 1
Sample ID : OS-MW-1A
Collected By : Scott Dacus
Collection Date : 10/06/06 13:25

ESC Sample # : L264294-04
Site ID :
Project # : 1267-06-669

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Bis(2-chloroethyl)ether	BDL	10.	ug/l	8270C	10/10/06	1
Bis(2-chloroisopropyl)ether	BDL	10.	ug/l	8270C	10/10/06	1
4-Bromophenyl-phenylether	BDL	10.	ug/l	8270C	10/10/06	1
2-Chloronaphthalene	BDL	10.	ug/l	8270C	10/10/06	1
4-Chlorophenyl-phenylether	BDL	10.	ug/l	8270C	10/10/06	1
Chrysene	BDL	1.0	ug/l	8270C	10/10/06	1
Dibenz(a,h)anthracene	BDL	1.0	ug/l	8270C	10/10/06	1
3,3-Dichlorobenzidine	BDL	10.	ug/l	8270C	10/10/06	1
2,4-Dinitrotoluene	BDL	10.	ug/l	8270C	10/10/06	1
2,6-Dinitrotoluene	BDL	10.	ug/l	8270C	10/10/06	1
Fluoranthene	BDL	1.0	ug/l	8270C	10/10/06	1
Fluorene	BDL	1.0	ug/l	8270C	10/10/06	1
Hexachlorobenzene	BDL	10.	ug/l	8270C	10/10/06	1
Hexachloro-1,3-butadiene	BDL	10.	ug/l	8270C	10/10/06	1
Hexachlorocyclopentadiene	BDL	10.	ug/l	8270C	10/10/06	1
Hexachloroethane	BDL	10.	ug/l	8270C	10/10/06	1
Indeno(1,2,3-cd)pyrene	BDL	1.0	ug/l	8270C	10/10/06	1
Isophorone	BDL	10.	ug/l	8270C	10/10/06	1
2-Methylnaphthalene	BDL	10.	ug/l	8270C	10/10/06	1
Naphthalene	BDL	5.0	ug/l	8270C	10/10/06	1
Nitrobenzene	BDL	10.	ug/l	8270C	10/10/06	1
n-Nitrosodimethylamine	BDL	50.	ug/l	8270C	10/10/06	1
n-Nitrosodiphenylamine	BDL	10.	ug/l	8270C	10/10/06	1
n-Nitrosodi-n-propylamine	BDL	10.	ug/l	8270C	10/10/06	1
Phenanthrene	BDL	1.0	ug/l	8270C	10/10/06	1
Benzylbutyl phthalate	BDL	10.	ug/l	8270C	10/10/06	1
Bis(2-ethylhexyl)phthalate	BDL	10.	ug/l	8270C	10/10/06	1
Di-n-butyl phthalate	BDL	10.	ug/l	8270C	10/10/06	1
Diethyl phthalate	BDL	10.	ug/l	8270C	10/10/06	1
Dimethyl phthalate	BDL	10.	ug/l	8270C	10/10/06	1
Di-n-octyl phthalate	BDL	10.	ug/l	8270C	10/10/06	1
Pyrene	BDL	1.0	ug/l	8270C	10/10/06	1
1,2,4-Trichlorobenzene	BDL	10.	ug/l	8270C	10/10/06	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	10.	ug/l	8270C	10/10/06	1
2-Chlorophenol	BDL	10.	ug/l	8270C	10/10/06	1
m&p-Cresol	BDL	10.	ug/l	8270C	10/10/06	1
o-Cresol	BDL	10.	ug/l	8270C	10/10/06	1
2,4-Dichlorophenol	BDL	10.	ug/l	8270C	10/10/06	1
2,4-Dimethylphenol	BDL	10.	ug/l	8270C	10/10/06	1
4,6-Dinitro-2-methylphenol	BDL	10.	ug/l	8270C	10/10/06	1
2,4-Dinitrophenol	BDL	10.	ug/l	8270C	10/10/06	1
2-Nitrophenol	BDL	10.	ug/l	8270C	10/10/06	1
4-Nitrophenol	BDL	10.	ug/l	8270C	10/10/06	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 18, 2006

Date Received : October 07, 2006 ESC Sample # : L264294-04
Description : Former Cermtec Plant 1 Site ID :
Sample ID : OS-MW-1A Project # : 1267-06-669
Collected By : Scott Dacus
Collection Date : 10/06/06 13:25

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Pentachlorophenol	BDL	10.	ug/l	8270C	10/10/06	1
Phenol	BDL	10.	ug/l	8270C	10/10/06	1
2,4,6-Trichlorophenol	BDL	10.	ug/l	8270C	10/10/06	1
Surrogate Recovery						
Nitrobenzene-d5	66.9		% Rec.	8270C	10/10/06	1
2-Fluorobiphenyl	81.5		% Rec.	8270C	10/10/06	1
p-Terphenyl-d14	87.0		% Rec.	8270C	10/10/06	1
Phenol-d5	54.2		% Rec.	8270C	10/10/06	1
2-Fluorophenol	23.9		% Rec.	8270C	10/10/06	1
2,4,6-Tribromophenol	19.1		% Rec.	8270C	10/10/06	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 18, 2006

Date Received : October 07, 2006
Description : Former Cermtec Plant 1
Sample ID : ERB-GW
Collected By : Scott Dacus
Collection Date : 10/06/06 13:00

ESC Sample # : L264294-05
Site ID :
Project # : 1267-06-669

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Cyanide	BDL	5.0	ug/l	9012	10/13/06	1
Mercury	BDL	0.20	ug/l	7470A	10/10/06	1
Aluminum	BDL	100	ug/l	6010B	10/12/06	1
Antimony	BDL	10.	ug/l	6010B	10/13/06	1
Arsenic	BDL	10.	ug/l	6010B	10/13/06	1
Barium	BDL	5.0	ug/l	6010B	10/13/06	1
Beryllium	BDL	2.0	ug/l	6010B	10/13/06	1
Cadmium	BDL	5.0	ug/l	6010B	10/13/06	1
Calcium	BDL	500	ug/l	6010B	10/13/06	1
Chromium	BDL	10.	ug/l	6010B	10/13/06	1
Cobalt	BDL	10.	ug/l	6010B	10/13/06	1
Copper	BDL	20.	ug/l	6010B	10/13/06	1
Iron	BDL	100	ug/l	6010B	10/13/06	1
Lead	BDL	5.0	ug/l	6010B	10/13/06	1
Magnesium	BDL	100	ug/l	6010B	10/13/06	1
Manganese	BDL	10.	ug/l	6010B	10/13/06	1
Nickel	BDL	20.	ug/l	6010B	10/13/06	1
Potassium	BDL	500	ug/l	6010B	10/13/06	1
Selenium	BDL	20.	ug/l	6010B	10/13/06	1
Silver	BDL	10.	ug/l	6010B	10/13/06	1
Sodium	740	500	ug/l	6010B	10/13/06	1
Thallium	BDL	20.	ug/l	6010B	10/13/06	1
Vanadium	BDL	10.	ug/l	6010B	10/13/06	1
Zinc	BDL	30.	ug/l	6010B	10/13/06	1
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	10/11/06	1
Benzene	BDL	1.0	ug/l	8260B	10/11/06	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	10/11/06	1
Bromoform	BDL	1.0	ug/l	8260B	10/11/06	1
Bromomethane	BDL	1.0	ug/l	8260B	10/11/06	1
Carbon disulfide	BDL	1.0	ug/l	8260B	10/11/06	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	10/11/06	1
Chlorobenzene	BDL	1.0	ug/l	8260B	10/11/06	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	10/11/06	1
Chloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
Chloroform	BDL	5.0	ug/l	8260B	10/11/06	1
Chloromethane	BDL	1.0	ug/l	8260B	10/13/06	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	10/11/06	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	10/11/06	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/11/06	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/13/06	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 18, 2006

Date Received : October 07, 2006
Description : Former Cermtec Plant 1
Sample ID : ERB-GW
Collected By : Scott Dacus
Collection Date : 10/06/06 13:00

ESC Sample # : L264294-05
Site ID :
Project # : 1267-06-669

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/11/06	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
1,1-Dichloroethene	BDL	1.0	ug/l	8260B	10/11/06	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	10/11/06	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	10/11/06	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	10/11/06	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	10/11/06	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	10/11/06	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	10/11/06	1
Ethylbenzene	BDL	1.0	ug/l	8260B	10/11/06	1
2-Butanone (MEK)	BDL	10.	ug/l	8260B	10/13/06	1
2-Hexanone	BDL	10.	ug/l	8260B	10/11/06	1
Methylene Chloride	BDL	5.0	ug/l	8260B	10/11/06	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	10/11/06	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	10/11/06	1
Naphthalene	BDL	5.0	ug/l	8260B	10/11/06	1
Styrene	BDL	1.0	ug/l	8260B	10/11/06	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
Tetrachloroethene	BDL	1.0	ug/l	8260B	10/11/06	1
Toluene	BDL	5.0	ug/l	8260B	10/11/06	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
Trichloroethene	BDL	1.0	ug/l	8260B	10/11/06	1
Vinyl chloride	BDL	1.0	ug/l	8260B	10/11/06	1
Xylenes, Total	BDL	3.0	ug/l	8260B	10/11/06	1
1,1,2-Trichloro-1,2,2-Trifluoro	BDL	1.0	ug/l	8260B	10/11/06	1
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	10/11/06	1
Surrogate Recovery						
Toluene-d8	79.0		% Rec.	8260B	10/11/06	1
Dibromofluoromethane	87.5		% Rec.	8260B	10/11/06	1
4-Bromofluorobenzene	97.7		% Rec.	8260B	10/11/06	1
Base/Neutral Extractables						
Acenaphthene	BDL	1.0	ug/l	8270C	10/10/06	1
Acenaphthylene	BDL	1.0	ug/l	8270C	10/10/06	1
Anthracene	BDL	1.0	ug/l	8270C	10/10/06	1
Benzidine	BDL	50.	ug/l	8270C	10/10/06	1
Benzo(a)anthracene	BDL	1.0	ug/l	8270C	10/10/06	1
Benzo(b)fluoranthene	BDL	1.0	ug/l	8270C	10/10/06	1
Benzo(k)fluoranthene	BDL	1.0	ug/l	8270C	10/10/06	1
Benzo(g,h,i)perylene	BDL	1.0	ug/l	8270C	10/10/06	1
Benzo(a)pyrene	BDL	1.0	ug/l	8270C	10/10/06	1
Bis(2-chlorethoxy)methane	BDL	10.	ug/l	8270C	10/10/06	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 18, 2006

Date Received : October 07, 2006
Description : Former Cermtec Plant 1
Sample ID : ERB-GW
Collected By : Scott Dacus
Collection Date : 10/06/06 13:00

ESC Sample # : L264294-05
Site ID :
Project # : 1267-06-669

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Bis(2-chloroethyl)ether	BDL	10.	ug/l	8270C	10/10/06	1
Bis(2-chloroisopropyl)ether	BDL	10.	ug/l	8270C	10/10/06	1
4-Bromophenyl-phenylether	BDL	10.	ug/l	8270C	10/10/06	1
2-Chloronaphthalene	BDL	10.	ug/l	8270C	10/10/06	1
4-Chlorophenyl-phenylether	BDL	10.	ug/l	8270C	10/10/06	1
Chrysene	BDL	1.0	ug/l	8270C	10/10/06	1
Dibenz(a,h)anthracene	BDL	1.0	ug/l	8270C	10/10/06	1
3, 3-Dichlorobenzidine	BDL	10.	ug/l	8270C	10/10/06	1
2, 4-Dinitrotoluene	BDL	10.	ug/l	8270C	10/10/06	1
2, 6-Dinitrotoluene	BDL	10.	ug/l	8270C	10/10/06	1
Fluoranthene	BDL	1.0	ug/l	8270C	10/10/06	1
Fluorene	BDL	1.0	ug/l	8270C	10/10/06	1
Hexachlorobenzene	BDL	10.	ug/l	8270C	10/10/06	1
Hexachloro-1,3-butadiene	BDL	10.	ug/l	8270C	10/10/06	1
Hexachlorocyclopentadiene	BDL	10.	ug/l	8270C	10/10/06	1
Hexachloroethane	BDL	10.	ug/l	8270C	10/10/06	1
Indeno(1,2,3-cd)pyrene	BDL	1.0	ug/l	8270C	10/10/06	1
Isophorone	BDL	10.	ug/l	8270C	10/10/06	1
2-Methylnaphthalene	BDL	10.	ug/l	8270C	10/10/06	1
Naphthalene	BDL	5.0	ug/l	8270C	10/10/06	1
Nitrobenzene	BDL	10.	ug/l	8270C	10/10/06	1
n-Nitrosodimethylamine	BDL	50.	ug/l	8270C	10/10/06	1
n-Nitrosodiphenylamine	BDL	10.	ug/l	8270C	10/10/06	1
n-Nitrosodi-n-propylamine	BDL	10.	ug/l	8270C	10/10/06	1
Phenanthrene	BDL	1.0	ug/l	8270C	10/10/06	1
Benzylbutyl phthalate	BDL	10.	ug/l	8270C	10/10/06	1
Bis(2-ethylhexyl)phthalate	BDL	10.	ug/l	8270C	10/10/06	1
Di-n-butyl phthalate	BDL	10.	ug/l	8270C	10/10/06	1
Diethyl phthalate	BDL	10.	ug/l	8270C	10/10/06	1
Dimethyl phthalate	BDL	10.	ug/l	8270C	10/10/06	1
Di-n-octyl phthalate	BDL	10.	ug/l	8270C	10/10/06	1
Pyrene	BDL	1.0	ug/l	8270C	10/10/06	1
1, 2, 4-Trichlorobenzene	BDL	10.	ug/l	8270C	10/10/06	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	10.	ug/l	8270C	10/10/06	1
2-Chlorophenol	BDL	10.	ug/l	8270C	10/10/06	1
m&p-Cresol	BDL	10.	ug/l	8270C	10/10/06	1
o-Cresol	BDL	10.	ug/l	8270C	10/10/06	1
2, 4-Dichlorophenol	BDL	10.	ug/l	8270C	10/10/06	1
2, 4-Dimethylphenol	BDL	10.	ug/l	8270C	10/10/06	1
4, 6-Dinitro-2-methylphenol	BDL	10.	ug/l	8270C	10/10/06	1
2, 4-Dinitrophenol	BDL	10.	ug/l	8270C	10/10/06	1
2-Nitrophenol	BDL	10.	ug/l	8270C	10/10/06	1
4-Nitrophenol	BDL	10.	ug/l	8270C	10/10/06	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 18, 2006

Date Received : October 07, 2006 ESC Sample # : L264294-05
Description : Former Cermtec Plant 1 Site ID :
Sample ID : ERB-GW Project # : 1267-06-669
Collected By : Scott Dacus
Collection Date : 10/06/06 13:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Pentachlorophenol	BDL	10.	ug/l	8270C	10/10/06	1
Phenol	BDL	10.	ug/l	8270C	10/10/06	1
2,4,6-Trichlorophenol	BDL	10.	ug/l	8270C	10/10/06	1
Surrogate Recovery						
Nitrobenzene-d5	37.4		% Rec.	8270C	10/10/06	1
2-Fluorobiphenyl	48.3		% Rec.	8270C	10/10/06	1
p-Terphenyl-d14	89.3		% Rec.	8270C	10/10/06	1
Phenol-d5	46.9		% Rec.	8270C	10/10/06	1
2-Fluorophenol	20.5		% Rec.	8270C	10/10/06	1
2,4,6-Tribromophenol	20.8		% Rec.	8270C	10/10/06	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted.
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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 18, 2006

Date Received : October 07, 2006
Description : Former Cermtec Plant 1
Sample ID : TW BLANK
Collected By : Scott Dacus
Collection Date : 10/06/06 13:45

ESC Sample # : L264294-06
Site ID :
Project # : 1267-06-669

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	BDL	0.20	ug/l	7470A	10/10/06	1
Aluminum	BDL	100	ug/l	6010B	10/12/06	1
Antimony	BDL	10.	ug/l	6010B	10/13/06	1
Arsenic	BDL	10.	ug/l	6010B	10/13/06	1
Barium	BDL	5.0	ug/l	6010B	10/13/06	1
Beryllium	BDL	2.0	ug/l	6010B	10/13/06	1
Cadmium	BDL	5.0	ug/l	6010B	10/13/06	1
Calcium	BDL	500	ug/l	6010B	10/13/06	1
Chromium	BDL	10.	ug/l	6010B	10/13/06	1
Cobalt	BDL	10.	ug/l	6010B	10/13/06	1
Copper	BDL	20.	ug/l	6010B	10/13/06	1
Iron	BDL	100	ug/l	6010B	10/13/06	1
Lead	BDL	5.0	ug/l	6010B	10/13/06	1
Magnesium	BDL	100	ug/l	6010B	10/13/06	1
Manganese	BDL	10.	ug/l	6010B	10/13/06	1
Nickel	BDL	20.	ug/l	6010B	10/13/06	1
Potassium	BDL	500	ug/l	6010B	10/13/06	1
Selenium	BDL	20.	ug/l	6010B	10/13/06	1
Silver	BDL	10.	ug/l	6010B	10/13/06	1
Sodium	BDL	500	ug/l	6010B	10/13/06	1
Thallium	BDL	20.	ug/l	6010B	10/13/06	1
Vanadium	BDL	10.	ug/l	6010B	10/13/06	1
Zinc	BDL	30.	ug/l	6010B	10/13/06	1
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	10/11/06	1
Benzene	BDL	1.0	ug/l	8260B	10/11/06	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	10/11/06	1
Bromoform	BDL	1.0	ug/l	8260B	10/11/06	1
Bromomethane	BDL	1.0	ug/l	8260B	10/13/06	1
Carbon disulfide	BDL	1.0	ug/l	8260B	10/11/06	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	10/11/06	1
Chlorobenzene	BDL	1.0	ug/l	8260B	10/11/06	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	10/11/06	1
Chloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
Chloroform	BDL	5.0	ug/l	8260B	10/11/06	1
Chloromethane	BDL	1.0	ug/l	8260B	10/13/06	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	10/11/06	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	10/11/06	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/11/06	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/13/06	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/11/06	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	10/11/06	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



**ENVIRONMENTAL
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 18, 2006

Date Received : October 07, 2006
Description : Former Cermtec Plant 1
Sample ID : TW BLANK
Collected By : Scott Dacus
Collection Date : 10/06/06 13:45

ESC Sample # : L264294-06
Site ID :
Project # : 1267-06-669

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
1,1-Dichloroethene	BDL	1.0	ug/l	8260B	10/11/06	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	10/11/06	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	10/11/06	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	10/11/06	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	10/11/06	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	10/11/06	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	10/11/06	1
Ethylbenzene	BDL	1.0	ug/l	8260B	10/11/06	1
2-Butanone (MEK)	BDL	10.	ug/l	8260B	10/13/06	1
2-Hexanone	BDL	10.	ug/l	8260B	10/11/06	1
Methylene Chloride	BDL	5.0	ug/l	8260B	10/11/06	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	10/11/06	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	10/11/06	1
Naphthalene	BDL	5.0	ug/l	8260B	10/11/06	1
Styrene	BDL	1.0	ug/l	8260B	10/11/06	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
Tetrachloroethene	BDL	1.0	ug/l	8260B	10/11/06	1
Toluene	BDL	5.0	ug/l	8260B	10/11/06	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
Trichloroethene	BDL	1.0	ug/l	8260B	10/11/06	1
Vinyl chloride	BDL	1.0	ug/l	8260B	10/11/06	1
Xylenes, Total	BDL	3.0	ug/l	8260B	10/11/06	1
1,1,2-Trichloro-1,2,2-Trifluoro	BDL	1.0	ug/l	8260B	10/11/06	1
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	10/11/06	1
Surrogate Recovery						
Toluene-d8	76.5		% Rec.	8260B	10/11/06	1
Dibromofluoromethane	90.3		% Rec.	8260B	10/11/06	1
4-Bromofluorobenzene	97.5		% Rec.	8260B	10/11/06	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

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Reported: 10/16/06 09:02 Revised: 10/18/06 11:39



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REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 18, 2006

Date Received : October 07, 2006
Description : Former Cermtec Plant 1
Sample ID : TRIP BLANK
Collected By : Scott Dacus
Collection Date : 10/06/06 16:00

ESC Sample # : L264294-07
Site ID :
Project # : 1267-06-669

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	50.	ug/l	8260B	10/11/06	1
Benzene	BDL	1.0	ug/l	8260B	10/11/06	1
Bromodichloromethane	BDL	1.0	ug/l	8260B	10/11/06	1
Bromoform	BDL	1.0	ug/l	8260B	10/11/06	1
Bromomethane	BDL	1.0	ug/l	8260B	10/13/06	1
Carbon disulfide	BDL	1.0	ug/l	8260B	10/11/06	1
Carbon tetrachloride	BDL	1.0	ug/l	8260B	10/11/06	1
Chlorobenzene	BDL	1.0	ug/l	8260B	10/11/06	1
Chlorodibromomethane	BDL	1.0	ug/l	8260B	10/11/06	1
Chloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
Chloroform	BDL	5.0	ug/l	8260B	10/11/06	1
Chloromethane	BDL	1.0	ug/l	8260B	10/13/06	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	8260B	10/11/06	1
1,2-Dibromoethane	BDL	1.0	ug/l	8260B	10/11/06	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/11/06	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/13/06	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	8260B	10/11/06	1
1,1-Dichloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
1,2-Dichloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
1,1-Dichloroethene	BDL	1.0	ug/l	8260B	10/11/06	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	10/11/06	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	8260B	10/11/06	1
1,2-Dichloropropane	BDL	1.0	ug/l	8260B	10/11/06	1
cis-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	10/11/06	1
trans-1,3-Dichloropropene	BDL	1.0	ug/l	8260B	10/11/06	1
Di-isopropyl ether	BDL	1.0	ug/l	8260B	10/11/06	1
Ethylbenzene	BDL	1.0	ug/l	8260B	10/11/06	1
2-Butanone (MEK)	BDL	10.	ug/l	8260B	10/13/06	1
2-Hexanone	BDL	10.	ug/l	8260B	10/11/06	1
Methylene Chloride	BDL	5.0	ug/l	8260B	10/11/06	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	8260B	10/11/06	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	10/11/06	1
Naphthalene	BDL	5.0	ug/l	8260B	10/11/06	1
Styrene	BDL	1.0	ug/l	8260B	10/11/06	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
Tetrachloroethene	BDL	1.0	ug/l	8260B	10/11/06	1
Toluene	BDL	5.0	ug/l	8260B	10/11/06	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	8260B	10/11/06	1
Trichloroethene	BDL	1.0	ug/l	8260B	10/11/06	1
Vinyl chloride	BDL	1.0	ug/l	8260B	10/11/06	1
Xylenes, Total	BDL	3.0	ug/l	8260B	10/11/06	1
1,1,2-Trichloro-1,2,2-Trifluoro	BDL	1.0	ug/l	8260B	10/11/06	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



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Est. 1970

REPORT OF ANALYSIS

Scott Dacus
S&ME Inc. - Spartanburg SC
155 Tradd Street
Spartanburg, SC 29301

October 18, 2006

Date Received : October 07, 2006 ESC Sample # : L264294-07

Description : Former Cermetec Plant 1

Site ID :

Sample ID : TRIP BLANK

Project # : 1267-06-669

Collected By : Scott Dacus

Collection Date : 10/06/06 16:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
1,2,3-Trimethylbenzene	BDL	1.0	ug/l	8260B	10/11/06	1
Surrogate Recovery						
Toluene-d8	72.9		% Rec.	8260B	10/11/06	1
Dibromofluoromethane	90.6		% Rec.	8260B	10/11/06	1
4-Bromofluorobenzene	98.5		% Rec.	8260B	10/11/06	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Reported: 10/16/06 09:02 Revised: 10/18/06 11:39

Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L264294-01	Benzidine	J3
	Pyrene	J3
	Phenol-d5	J2
	2-Fluorophenol	J2
	2,4,6-Tribromophenol	J2
	Benzidine	J3
	Pyrene	J3
L264294-02	Phenol-d5	J2
	2-Fluorophenol	J2
	2,4,6-Tribromophenol	J2
	Silver	J6
	Benzidine	J3
	Nitrobenzene	J3
	4,6-Dinitro-2-methylphenol	J4J3
L264294-03	2,4-Dinitrophenol	J4J3
	4-Nitrophenol	J3
	Pentachlorophenol	J4J3
	2,4,6-Trichlorophenol	J3
	Toluene-d8	J2
	Benzidine	J3
	Nitrobenzene	J3
L264294-04	4,6-Dinitro-2-methylphenol	J4J3
	2,4-Dinitrophenol	J4J3
	4-Nitrophenol	J3
	Pentachlorophenol	J4J3
	2,4,6-Trichlorophenol	J3
	2,4,6-Tribromophenol	J2
	Benzidine	J3
L264294-05	Nitrobenzene	J3
	4,6-Dinitro-2-methylphenol	J4J3
	2,4-Dinitrophenol	J4J3
	4-Nitrophenol	J3
	Pentachlorophenol	J4J3
	2,4,6-Trichlorophenol	J3
	2-Fluorobiphenyl	J2
L264294-07	2,4,6-Tribromophenol	J2
	Toluene-d8	J2

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

	Control Limits				(AQ)	(SS)
2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	Dibromfluoromethane	68-128	64-125
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	76-115	69-118
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene	79-127	61-134

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

S&ME Inc. - Spartanburg SC

155 Tradd Street
Spartanburg, SC 29301

Alternate billing information:

Analysis/Container/Preservative

Chain of Custody
Page 1 of Z

Prepared by:
 ENVIRONMENTAL

SCIENCE CORP.

12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

(lab use only)

Acct# SMESPAR
Template/Preflgm T39374 P189747
Cooler# _____
Shipped Via: FedEx Standard

Ts 20ZC1r-Nopres
TAL Metals 300MHDPE-HNO3
SVOC+Pest/PCB 40ZC1r-Nopres
SVOC's 40ZC1r-Nopres
CN 20ZC1r-Nopres
CN 250MHDPEAmb-NaOH
SVOC's 1L Amb-Nopres
TAL Metals 20ZC1r-Nopres
TS 20ZC1r-Nopres

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other _____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Report to: Scott Dacus Email: sdacus@smeinc.com

Project Description: Former Cerntec Plant 1

City/State Collected 

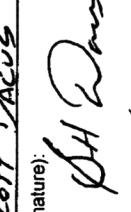
Client Project #: 1267-06-669

Lab Project #

P.O. #:

SMESPAR-126706669

Site/Facility ID#:



Rush? (Lab MUST Be Notified)

Same Day 200%
Next Day 100%

Two Day 50%
Three Day 25%

Email? Yes
FAX? Yes

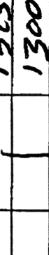
No. of Cntrs

Date Results Needed

Date

Time

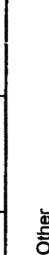




















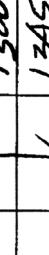


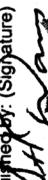








Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	Remarks/Contaminant	Sample # (lab only)
OPT-1-50-GW	GRAB	GW		10/5/02	1000		
DPT-2-64-GW		GW		↓	1515		
OS-MW-1		GW		10/6/02	1310		
OS-MW-1A		GW			1325		
ERB-GW		GW		1300	85		
TJ Blank		GW		↓	1315		
TRIP BLANK		GW			1		
TRIP BLANK		GW			+		

Relinquished by: (Signature) 	Date: 10/6/02	Time: 1700	Received by: (Signature) 	Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier		
Relinquished by: (Signature) 	Date: 10-7-6	Time: 900	Received By: (Signature) 	Temp: 3.6	Date: 10-7-6	Time: 900
Relinquished by: (Signature) 	Received for lab by: (Signature) 			Condition: 	PH Checked: N/C	

