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December 5, 2011

Project 071048

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SUPERFUND SECTION

Mr. Bobby Lufty
Superfund Section
North Carolina Division of Waste Management
Department of Environment and Natural Resources
401 Oberlin Road, Suite 150
Raleigh, North Carolina 27605

RE: Remedial Action Completion Report, Certification of Attainment of Cleanup Levels, and No Further Action Required
1136–1150 Ivey Cline Road
Concord, North Carolina
NC DENR Spill No. NONCD0002803

Dear Mr. Lufty:

We are transmitting the attached remedial action completion report and request for no further action on behalf of Hale Trailer Brake & Wheel, Inc. for the above-referenced property in Concord, North Carolina (the Site). Due to several unforeseen circumstances, this project has been delayed over the past 12 to 18 months. This past summer, I took over management of this project including preparation of the final report and obtaining signed certification forms. I inherited the management of this project from Andrew Bevan, who no longer works for our firm. I believe Andrew had spoken with you and/or Mr. Bruce Parris of the NC DENR Inactive Hazardous Sites Branch (IHSB) several times in the past and determined that a Remedial Action Completion Report and a Certification of Attainment of Cleanup Levels with a request for No Further Action would applicable for this Site. The purpose of the attached report is to request a "No Further Action" status from the North Carolina Department of Environment and Natural Resources (NC DENR) with respect to Spill No. NONCD0002803.

Please contact us if you have any questions or comments regarding the attached report.

Sincerely,

RANSOM ENVIRONMENTAL CONSULTANTS, INC.

P. J. Sherr

Peter J. Sherr, P.E., RSM
Senior Project Manager/Engineer

PJS:jsl

Enclosure

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March 24, 2011 Project 071048

Mr. Bobby Lufty
Superfund Section
North Carolina Division of Waste Management
Department of Environment and Natural Resources
401 Oberlin Road, Suite 150
Raleigh, North Carolina 27605

RE: Remedial Investigation/Phase II Limited Subsurface Investigations and Remedial Action Completion Report
1136–1150 Ivey Cline Road
Concord, North Carolina
NC DENR Spill No. NONCD0002803

Dear Mr. Lufty:

On behalf of Hale Trailer Brake & Wheel, Inc., Ransom Environmental Consultants, Inc. (Ransom) has prepared this report summarizing the results of remedial subsurface investigations and the subsequent remediation activities conducted at the above-referenced property in Concord, North Carolina (the Site). The purpose of this report is to request a "No Further Action" status from the North Carolina Department of Environment and Natural Resources (NC DENR) with respect to Spill No. NONCD0002803. This summary report was prepared following a telephone conversation with Mr. Bruce Parris of the NC DENR Inactive Hazardous Sites Branch (IHSB) on November 14, 2008, and is being submitted in conjunction with a NC DENR IHSB "Certification of Attainment of Cleanup Levels and No Further Action Required" form, which is included as Attachment A.

EXECUTIVE SUMMARY

Based on the results environmental assessments/investigations conducted at the Site in 2007 by Ransom, Ransom determined that a release of oil and/or hazardous material (OHM) had occurred at the Site, which required NC DENR notification and remediation. On November 19, 2007, the property owner notified the NC DENR of the identified release. Remedial activities were performed in August and November 2007, which included the excavation and off-site disposal of approximately 15 cubic yards of OHM-impacted soils and the collection of confirmatory soil samples. No contaminants were detected in the confirmatory soil samples at concentrations above their respective NC DENR IHSB Health-Based Soil Remediation Goals. In addition, no contaminants were detected in the confirmatory soil samples at concentrations above their corresponding NC DENR Protection of Groundwater Remediation Goals, with the exception of tetrachloroethene (PCE). However, in accordance with Appendix E of the NC DENR's *Inactive Hazardous Sites Program, Guidelines for Assessment and Cleanup, August 2010*, the exposure point concentration (EPC) for PCE in the area of impacted soils was calculated by determining the

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average PCE concentration detected in the soil samples collected as part of the completed remedial action. The EPC for PCE is below its corresponding NC DENR Protection of Groundwater Remediation Goal of 5 micrograms per kilogram (µg/kg).

Based on these findings, Ransom concludes that soil remediation activities were conducted in accordance with the NC DENR regulations which were in effect at the time and that no significant health or environmental risks remain warranting additional investigation or remediation. Therefore, it is Ransom's opinion that the residual concentrations of contaminants at the Site do not pose a significant risk of harm to human health, safety, public welfare, or the environment, and that no further investigation or action is warranted at this time. As such, Ransom respectively requests that the NC DENR grant a "No Further Action" status to Spill No. NONCD0002803.

SITE DESCRIPTION AND BACKGROUND

On June 27, 2007, Ransom completed a Phase I Environmental Site Assessment (ESA) at the Site. The Phase I ESA was completed as part of a proposed property transaction and was conducted in general accordance with the requirements provided by the American Society for Testing and Materials (ASTM) International Designation E 1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The purpose of the Phase I ESA was to evaluate environmental conditions for evidence of recognized environmental conditions (RECs) in connection with the Site.

The Site consists of two parcels of land encompassing 6.79 acres, which are currently improved by a residence with detached garage (constructed circa 1968) and an unoccupied 15,500-square-foot garage formerly utilized as a race-car fabrication facility (constructed circa 1992). Portions of the Site not covered by the footprints of the Site buildings consist of paved and gravel driveways and parking areas, and landscaped areas. A Site Location Map and Site Plan are included as Figures 1 and 2. Prior to the construction of the existing Site buildings, available historical information suggests the Site was undeveloped, vacant land.

Based on the findings of the Phase I ESA, Ransom identified the following REC in connection with the Site: The presence of petroleum-stained soil adjacent to the fabrication building associated with the former use of three used oil aboveground storage tanks (ASTs).

INITIAL REMEDIAL INVESTIGATION/PHASE II LIMITED SUBSURFACE INVESTIGATION

In August 2007, Ransom conducted a targeted Remedial Investigation/Phase II Limited Subsurface Investigation (RI/LSI) at the Site that consisted of the advancement of eight soil borings, the collection and laboratory chemical analysis of selected soil samples, and the collection and laboratory analysis of a water sample from an on-site drinking water supply well. The purpose of the RI/LSI was to evaluate the nature and extent of several areas of concern identified during the Phase I ESA. Specifically, these areas of concern included petroleum-stained soil located to the rear of the former fabrication garage, potential releases of OHM associated with the on-site septic system which services the former fabrication garage, and potential OHM impacts to the on-site drinking water supply.

Soil Boring Advancement

On July 24, 2007, eight soil borings, identified as SB101 through SB108, were advanced by McCall Brothers, Inc. (McCall) of Charlotte, North Carolina, under the supervision of a Ransom scientist. The soil borings were advanced utilizing direct-push (i.e., Geoprobe) drilling techniques in the area of the observed stained surface soils behind the fabrication building. In general, 4-foot macrocore soil samples were collected continuously from surface grade to depths ranging from 2 to 4 feet below the ground surface (bgs), upon which refusal due to dense overburden soils was encountered. Groundwater was not encountered during the advancement of the soil borings. The locations of the soil borings are provided on Figure 2.

Soil samples retrieved from the soil borings were visually classified in the field by Ransom in general accordance with the Burmeister Soil Classification System. The overburden geology at the Site generally consists of dense silty sand with varying amounts of gravel and clay. Soil samples collected from borings SB102, SB103, SB104 and SB105, which were advanced in the area of stained soils, indicated that the stained soils extended to a depth of approximately 3 to 5 inches bgs.

Soil Sampling and Chemical Analysis Results

Ransom field-screened the soil samples for the presence of organic vapors utilizing a photoionization detector (PID)-equipped instrument. Organic vapors were detected at concentrations of up to 64 parts per million by volume (ppmv) in the soil samples collected from three of the soil borings. Soil samples were submitted to Analytics Environmental Laboratory, LLC (Analytics) of Portsmouth, New Hampshire, and analyzed for the following:

1. Volatile organic compounds (VOCs) by U.S. Environmental Protection Agency (EPA) Method 8260B; and

2. Polycyclic aromatic hydrocarbons (PAHs) by U.S. EPA Method 8270C.

Several VOCs, including both petroleum and chlorinated solvent-related compounds, and several polycyclic PAHs were detected in the soil samples collected from the observed petroleum-stained soils located behind the former fabrication garage, suggesting potential on-site discharges of waste oil.

Drinking Water Well Sampling

On August 7, 2007, under Ransom's oversight, Pace Analytical (Pace) of Huntersville, North Carolina, visited the Site to collect a drinking water sample from the on-site supply well. The sample was collected from a tap attached to the well and was submitted to Pace for confirmatory chemical analysis. The sample was analyzed for VOCs by U.S. EPA Method 8260B and for PAHs by U.S. EPA Method 8270C. In order to collect a representative water sample from the drinking water well, water from the tap was run for a period of approximately 10 minutes prior to sampling. VOCs and PAHs were not detected at concentrations above laboratory reporting limits in the water sample collected from the on-site drinking water well.

Discovery of Abandoned Underground Storage Tank

While on-site to collect the drinking water sample, Ransom observed previously undocumented vent and fill pipes associated with an abandoned fuel oil underground storage tank (UST) located at the rear of the residential building. This building is currently heated by propane gas, and none of the historical records reviewed or persons interviewed as part of Ransom's Phase I ESA indicated the historical use of USTs at the Site. No other information pertaining to the closure or abandonment of this UST was available during the June 2007 Phase I ESA or August 2007 targeted RI/LSI program.

Conclusions and Recommendations of Remedial Investigation/Phase II LSI

Since the concentrations of VOCs and PAHs detected in soil samples collected as part of the RI/LSI were not considered *de minimis* or naturally occurring, it was Ransom's opinion that the identified contamination was subject to NC DENR notification requirements. Therefore, Ransom recommended that the property owner, operator, or other responsible party should notify the NC DENR regarding the presence of VOCs and PAHs in soils associated with the stained soils observed at the rear of the former fabrication garage. Ransom points out that the property owner did notify the NC DENR of the identified release on November 19, 2007. In addition, Ransom further recommended that:

1. The impacted soil observed behind the former fabrication garage be removed and disposed in accordance with NC DENR regulations and under the direction of a NC Registered Environmental Consultant (NC REC);

2. The abandoned UST be evaluated to determine if it could be removed without jeopardizing the structural integrity of the residential building and the collection of soil samples in the vicinity of the abandoned UST to determine whether a release of fuel from the tank had occurred; and

3. Access to the on-site septic tank should be facilitated by means of a backhoe and a sample of the contents of the septic tank (liquid and/or solids) should be collected for chemical analysis.

A copy of Ransom's Remedial Investigation/Phase II LSI Report is included as Attachment B.

REGULATORY STATUS AND NC DENR NOTIFICATION

According to the NC DENR Division of Waste Management, all releases of hazardous substances or materials containing hazardous substances, regardless of quantity or concentration, are subject to a 90-day notification requirement. Specifically, under Chapter 130A, Article 9, Part 3 of the North Carolina General Statutes, the owner, operator, or other responsible party is required to notify the Inactive Hazardous Sites Branch within 90 days of the discovery of each hazardous substance or waste disposal site.

Since the concentrations of compounds detected as part of Ransom's RI/LSI were not considered *de minimis* or naturally occurring, it was Ransom's opinion that conditions at the Site met the above-referenced NC DENR notification requirement. As such, Mr. Edward Ferree, former owner of the Site, notified the NC DENR of the release on November 19, 2007. The release was subsequently assigned Spill No. NONCD0002803 by the NC DENR.

A copy of the Notification of An Inactive Hazardous Substance or Waste Disposal Site form is provided as Attachment C.

SUPPLEMENTAL REMEDIAL INVESTIGATION/LIMITED SUBSURFACE INVESTIGATION

In November 2007, Ransom conducted a Supplemental Remedial Investigation/Phase II LSI at the Site. Activities conducted as part of this Supplemental RI/LSI consisted of the advancement of five soil borings, the collection and field-screening of soil samples, and the chemical analysis of selected soil samples. This investigation also included the sampling and analysis of the septic system that services the former fabrication garage.

Septic System Assessment

On November 1, 2007, Ransom was on site to observe the excavation of an exploratory test pit in the presumed location of the septic system that services the former fabrication garage. The test pitting activities were performed by McCall using a backhoe. The access port to the septic system, which consisted of 2-foot by 2-foot square concrete cover and access-way, was encountered at a depth of approximately 2 feet bgs. Once access was provided, Ransom utilized a stainless-steel clamshell sampling device to collect a sample of the sediment at the base of the tank. Upon collection of the sediment sample, Ransom noted that the septic tank consisted of a hard-bottomed holding tank (likely concrete). The sediment sample was submitted to Pace and analyzed for the following parameters:

1. VOCs by U.S. EPA method 8260B; and

2. PAHs by U.S. EPA Method 8270C.

VOCs or PAHs were not detected in the sediment sample collected from the septic tank at concentrations above laboratory reporting limits.

Abandoned UST Evaluation

On November 2, 2007, five soil borings, identified as SB201, SB202, SB203A, SB203B, and SB204, were advanced around the abandoned UST by McCall, under the supervision of a Ransom scientist. The test borings were advanced by a truck-mounted drill rig fitted with 3¼-inch inside-diameter (ID) hollow-stem augers. Overburden soil samples were collected continuously with a 1⅜-inch ID split-spoon sampler to depths ranging from 3.9 to 15.3 feet bgs, upon which refusal due to dense overburden soils was encountered. Groundwater was not encountered during advancement of the soil borings. The locations of the soil borings are provided on Figure 2.

Soil samples retrieved from the soil borings were visually classified in the field by Ransom in general accordance with the Burmeister Soil Classification System. The overburden geology at the Site generally consists of dense silty-clay sand with varying amounts of sand and gravel.

Ransom documented and logged soil sample characteristics and field-screened the samples collected from the five soil borings for the presence of organic vapors utilizing a PID-equipped instrument. Organic vapors were detected in the soil samples collected at concentrations ranging from less than 1 to 25 ppmv. No staining, petroleum-like odors, or other obvious evidence of a release of OHM was observed in the soil samples collected. Based on field observations and the results of field screening, Ransom selected four soil samples for confirmatory chemical analysis. The soil samples were submitted to Pace and analyzed for the following parameters:

1. VOCs by U.S. EPA method 8260B; and

2. PAHs by U.S. EPA Method 8270C.

VOCs or PAHs were not detected in the soil samples at concentrations above laboratory reporting limits.

Conclusions and Recommendations of Supplemental Remedial Investigation/ Phase II LSI

Based on the results of the Supplemental RI/LSI, Ransom concluded that a NC DENR reporting obligation did not exist with respect to the on-site septic system or abandoned UST. In addition, the abandoned UST at the Site was considered a "non-regulated UST" and was not subject to the North Carolina UST closure requirements as provided by the NC DENR's *Underground Storage Tank Section, Guidelines for Site Checks, Tank Closure, and Initial Response and Abatement* dated March 1, 2007 (15A NCAC 2N .0800). Non-regulated USTs (e.g., home heating oil USTs) are not required to be removed from the ground or closed by any specific procedure. However, since the scope of the proposed site redevelopment project includes the demolition of the on-site residence, Ransom recommended that the UST be removed prior to, or in conjunction with, demolition activities. Ransom also recommended that the petroleum-stained soil previously identified behind the former fabrication garage be remediated in accordance with applicable regulations.

A copy of Ransom's Supplemental RI/LSI Report is included as Attachment D.

REMEDIAL ACTIONS

Soil Removal Activities

As recommended in our August 2007 RI/LSI report, soil remediation activities were initiated on May 6, 2008 by HAZ-MAT Transportation & Disposal (HAZ-MAT) of Charlotte, North Carolina, on behalf of the former property owner, Mr. Edward Ferree. Based on information provided by HAZ-MAT, two areas of surficial soil staining behind the fabrication garage, identified as Pit 1 and Pit 2, were excavated using a track-mounted mini-excavator. Impacted soils were excavated to a point where no obvious evidence of contamination remained through visual and olfactory observations.

Approximately 15 cubic yards of soil was excavated and loaded directly into a polyethylene-lined roll-off container pending off-site transport for disposal.

Confirmatory Soil Sampling

Once a suitable excavation endpoint was established through visual and olfactory observations, HAZ-MAT collected confirmatory soil samples from the limits of the two excavations in general accordance with the NC DENR IHSB *Guidelines for Assessment and Cleanup* dated August 2007. The samples were identified as follows:

Pit 1 (Southern Excavation)

1. Composite sample Pit 1 North Sidewall/Soil;
2. Composite sample Pit 1 South Sidewall/Soil;
3. Composite sample Pit 1 East Sidewall/Soil;
4. Composite sample Pit 1 West Sidewall/Soil; and
5. Composite sample Pit 1 Bottom/Soil.

Pit 2 (Northern Excavation)

1. Composite sample Pit 2 North Sidewall/Soil;
2. Composite sample Pit 2 South Sidewall/Soil;
3. Composite sample Pit 2 East Sidewall/Soil;
4. Composite sample Pit 2 West Sidewall/Soil; and
5. Composite sample Pit 2 Bottom/Soil.

The confirmatory soil sampling locations are provided on Figure 3. The confirmatory soil samples were submitted to Shealy Environmental Services, Inc. (Shealy), a North Carolina certified laboratory, in Charlotte, North Carolina and analyzed for the following parameters:

1. VOCs by U.S. EPA Method 8260B; and
2. Semi-volatile organic compounds (SVOCs) by U.S. EPA Method 8270C.

Chemical Analysis Results

As shown in Table 1, tetrachloroethene (PCE) was detected in the confirmatory soil sample collected from the northern sidewall of Pit 1 at a concentration of 17 micrograms per kilogram (µg/kg). Additional VOCs; including acetone, 2-butanone, 2-hexanone, 4-methyl-2-pentanone, and naphthalene were also detected in the confirmatory soil sample collected from the base of Pit 1 at concentrations ranging from 1.4 to 650 µg/kg. No other VOCs were detected in the remaining confirmatory soil samples collected from Pit 1 or Pit 2 at concentrations above their respective laboratory reporting limits.

In addition, several SVOCs were detected in the confirmatory soil sample collected from the base of Pit 1, including anthracene, di-n-butyl phthalate, bis (2-ethylhexyl) phthalate, 2-methylnaphthalene, phenanthrene, and pyrene at concentrations ranging from 64 to 780 µg/kg. One or more of the following SVOCs; butyl benzyl phthalate, bis (2-ethylhexyl) phthalate, and pyrene were also detected at concentrations ranging from 24 to 550 µg/kg in the confirmatory soil samples collected from Pit 1 and Pit 2. No other SVOCs were detected in the remaining confirmatory soil samples collected from Pit 1 or Pit 2 at concentrations above their respective laboratory reporting limits.

A copy of the laboratory chemical analysis data report for the confirmatory soil samples is included as Attachment E.

Remediation Waste Management

As previously mentioned, approximately 15 cubic yards of soil was excavated and loaded directly into a polyethylene-lined roll-off container pending off-site transport for disposal. Upon acceptance by The Environmental Quality Company (EQ) in Belleville, Michigan, the excavated soils were transported off site for disposal on June 25, 2008. A copy of the disposal manifest is included as Attachment F. The two excavations were backfilled with clean imported fill material by HAZ-MAT on June 25, 2008.

Comparison to Remediation Goals

Detected contaminant concentrations were compared to applicable NC DENR IHSB Health-Based Soil Remediation Goals, updated August 2010. As shown in Table 1, the concentrations of contaminants detected in the confirmatory soil samples collected from the limits of the two excavations are below their respective NC DENR IHSB Health-Based Soil Remediation Goals. In addition, no contaminants were detected in the confirmatory soil samples at concentrations above their NC DENR Protection of Groundwater Remediation Goals, with the exception of PCE, which was detected in one soil sample (Pit 1 North Sidewall/Soil). PCE was detected in this soil sample at a concentration of 17 µg/kg, which exceeds its NC DENR Protection of Groundwater Remediation Goal of 5 µg/kg. However, in accordance with Appendix E (Procedures for Demonstrating Attainment of Health-Based Soil Remedial Goals Through Averaging Contaminant Concentrations) of NC DENR's *Inactive Hazardous Sites Program, Guidelines for Assessment and Cleanup, August 2010*, the exposure-point concentration (EPC) for PCE in the area of impacted soils was calculated by averaging the concentrations of PCE detected in the soil samples collected during the subsurface investigations and remedial activities in the affected area of the Site. As shown in Table 2, the EPC for PCE was calculated to be 4.92 µg/kg, which is below its corresponding NC DENR Protection of Groundwater Remediation Goal of 5 µg/kg.

CONCLUSIONS

Based on these findings, Ransom concludes that soil remediation activities were conducted in accordance with the NC DENR regulations which were in effect at the time and that no significant health or environmental risks remain warranting additional investigation or remediation. In addition, no contaminants were detected at concentrations above their respective laboratory reporting limits in the water sample collected from the on-site drinking water well.

Therefore, it is Ransom's opinion that the residual concentrations of contaminants at the Site do not pose a significant risk of harm to human health, safety, public welfare, or the environment, and that no further investigation or action is warranted at this time. As such, Ransom respectively requests that the NC DENR grant a "No Further Action" status to Spill No. NONCD0002803. Copies of the Remediation Party and Environmental Consultant for the Remediation Party are included as Attachment G.

If you have any questions regarding this letter, please do not hesitate to call.

Sincerely,

RANSOM ENVIRONMENTAL CONSULTANTS, INC.

Peter J. Sherr, P.E., RSM
Senior Project Manager/Engineer

Timothy J. Snay, LSP, LEP
Vice President

ARM/TJS/PJS:sh
Attachments

cc: Ms. Patricia Talcott, Hale Trailer Brake & Wheel, Inc.

TABLE 1: SUMMARY OF ENDPOINT SOIL SAMPLE CHEMICAL ANALYSIS RESULTS
Remedial Investigation/Phase II Limited Subsurface Investigations and Remedial Action Completion Report
1136–1150 Ivey Cline Road
Concord, North Carolina
NC DENR Spill No. NONCD0002803

Sample Location	**Pit 1**					**Pit 2**					**NC DENR IHSB Health-Based Soil Remediation Goals**	**NC DENR Protection of Groundwater Remediation Goals**
	North Wall	**South Wall**	**East Wall**	**West Wall**	**Base**	**North Wall**	**South Wall**	**East Wall**	**West Wall**	**Base**		
Sample Identification	**Pit 1 North Sidewall/Soil**	**Pit 1 South Sidewall/Soil**	**Pit 1 East Sidewall/Soil**	**Pit 1 West Sidewall/Soil**	**Pit 1 Bottom/Soil**	**Pit 2 North Sidewall/Soil**	**Pit 2 South Sidewall/Soil**	**Pit 2 East Sidewall/Soil**	**Pit 2 West Sidewall/Soil**	**Pit 1 Bottom Sidewall/Soil**		
Sample Depth (feet)	**3–4**	**3–4**	**3–4**	**3–4**	**5**	**1–2**	**1–2**	**1–2**	**1–2**	**1–2**		
Volatile Organic Compounds (VOCs)	Concentrations in Micrograms per Kilogram (µg/kg)											
acetone	BRL (25)	BRL (20)	BRL (19)	BRL (18)	650	BRL (20)	BRL (25)	BRL (20)	BRL (19)	BRL (24)	12,000,000	24,000
2-butanone (MEK)	BRL (12)	BRL (10)	BRL (9.6)	BRL (9)	14	BRL (10)	BRL (12)	BRL (9.9)	BRL (9.5)	BRL (12)	5,600,000	16,000
2-hexanone	BRL (12)	BRL (10)	BRL (9.6)	BRL (9)	1.4 J	BRL (10)	BRL (12)	BRL (9.9)	BRL (9.5)	BRL (12)	42,000	1,200
4-methyl-2-pentanone	BRL (12)	BRL (10)	BRL (9.6)	BRL (9)	22	BRL (10)	BRL (12)	BRL (9.9)	BRL (9.5)	BRL (12)	1,100,000	NS
naphthalene	BRL (6.2)	BRL (5.0)	BRL (4.8)	BRL (4.5)	2.1 J	BRL (5.1)	BRL (6.2)	BRL (4.9)	BRL (4.7)	BRL (6.0)	3,600	210
tetrachloroethene (PCE)	**17**	BRL (5.0)	BRL (4.8)	BRL (4.5)	BRL (5.1)	BRL (5.1)	BRL (6.2)	BRL (4.9)	BRL (4.7)	BRL (6.0)	550	5
Semivolatile Organic Compounds (SVOCs)	Concentrations in µg/kg											
anthracene	BRL (430)	BRL (380)	BRL (430)	BRL (390)	64 J	BRL (450)	BRL (470)	BRL (410)	BRL (380)	BRL (490)	3,400,000	660,000
butyl benzyl phthalate	550	BRL (380)	BRL (430)	BRL (390)	BRL (460)	BRL (450)	BRL (470)	BRL (410)	BRL (380)	BRL (490)	260,000	150,000
di-n-butyl phthalate	BRL (430)	BRL (380)	BRL (430)	BRL (390)	150 J	BRL (450)	BRL (470)	BRL (410)	BRL (380)	BRL (490)	NS	NS
bis(2-ethylhexyl)phthalate	410 J	380	BRL (430)	BRL (390)	780	280 J	170 J	BRL (410)	170 J	BRL (490)	35,000	7,200
2-methylnaphthalene	BRL (430)	BRL (380)	BRL (430)	BRL (390)	130 J	BRL (450)	BRL (470)	BRL (410)	BRL (380)	BRL (490)	63,000	1,600
phenanthrene	BRL (430)	BRL (380)	BRL (430)	BRL (390)	130 J	BRL (450)	BRL (470)	BRL (410)	BRL (380)	BRL (490)	NS	57,000
pyrene	BRL (430)	24 J	BRL (430)	BRL (390)	84 J	BRL (450)	BRL (470)	BRL (410)	BRL (380)	BRL (490)	340,000	220,000

NOTES:

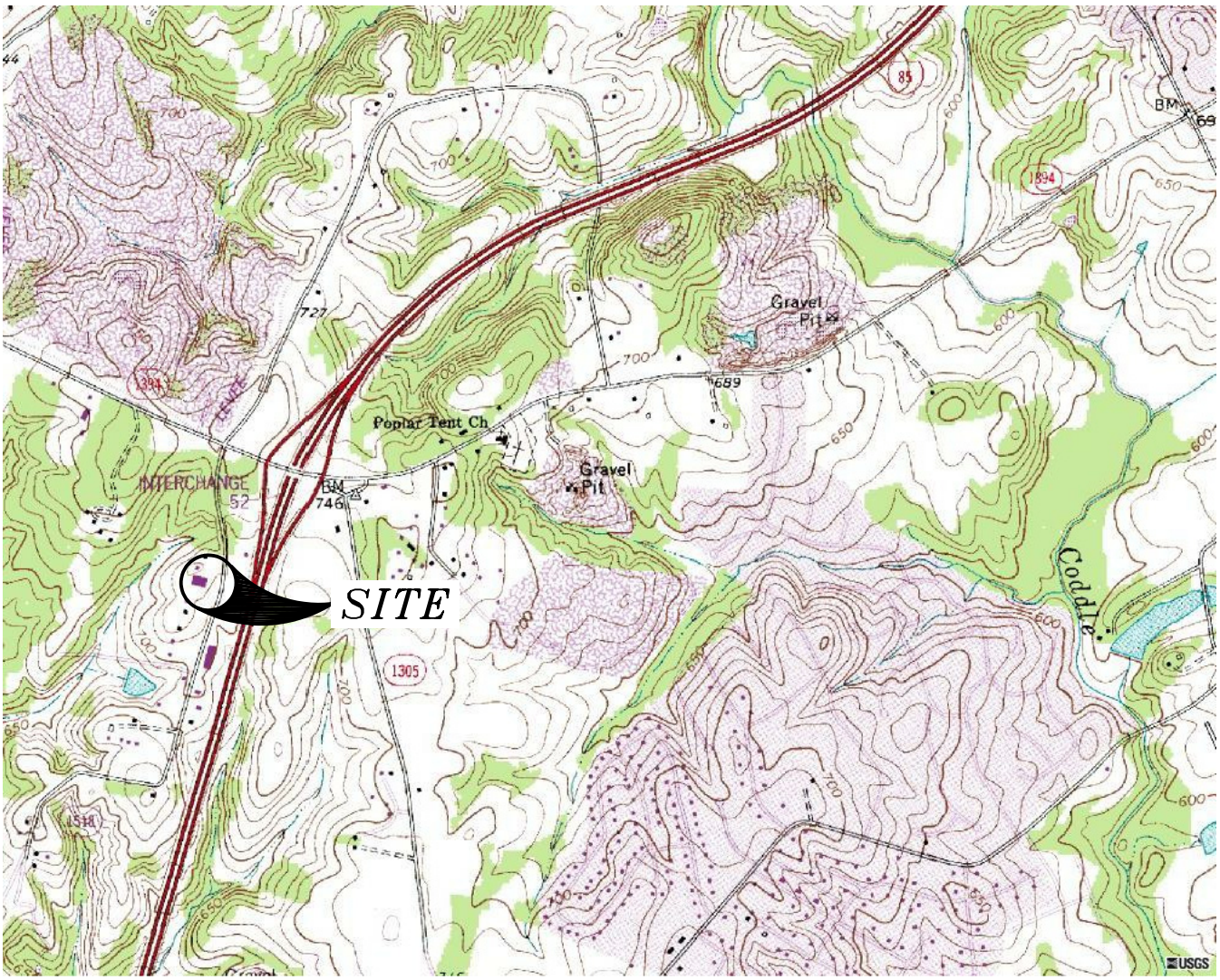
1. Samples were collected on May 22, 2008, by HAZ-MAT Transportation & Disposal, and were analyzed by Shealy Environmental Services, Inc., of Charlotte, North Carolina.
2. BRL ( ) = below reporting limit indicated in parentheses. NA = not analyzed. J = estimated result. NS = no remediation goal exists for this compound.
3. NC DENR = North Carolina Department of Environment and Natural Resources. IHSB–Inactive Hazardous Sites Branch.
4. NC DENR IHSB Health Based Soil Remediation Goals and Protection of Groundwater Remediation Goals, updated October 2010.
5. Values in **boldface** type indicate concentrations which exceed one or more of the applicable remediation goals.

TABLE 2: DERIVATION OF EXPOSURE-POINT CONCENTRATIONS—TETRACHLOROETHENE (PCE) IN SOIL
Remedial Investigation/Phase II Limited Subsurface Investigations and
Remedial Action Completion Report
1136-1150 Ivey Cline Road
Concord, North Carolina
NC DENR Spill No. NONCD0002803

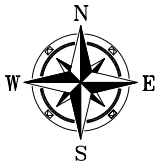
Sample Identification	**Pit 1 North Sidewall/ Soil**	**Pit 1 South Sidewall/ Soil**	**Pit 1 East Sidewall/ Soil**	**Pit 1 West Sidewall/ Soil**	**Pit 1 Bottom/ Soil**	**Pit 2 North Sidewall/ Soil**	**Pit 2 South Sidewall/ Soil**	**Pit 2 East Sidewall/ Soil**	**Pit 2 West Sidewall/ Soil**	**Pit 1 Bottom Sidewall/ Soil**	**SB101-S1-072407**	**SB104-S1-072407**	**SB105-S1-072407**	**SB106-S1-072407**	**SB107-S1-072407**	**SB108-S2-072407**	**Average PCE Concentration**	**NC DENR IHSB Health-Based Soil Remediation Goals**	**NC DENR Protection of Groundwater Remediation Goals**
Sample Depth (feet bgs)	**3–4**	**3–4**	**3–4**	**3–4**	**5**	**1–2**	**1–2**	**1–2**	**1–2**	**1–2**	**0.5–2**	**0.5–2**	**0.5–2**	**0.5–2**	**0.5–2**	**2–3**			
Tetrachloroethene (PCE)	Concentrations in Micrograms per Kilogram (µg/kg)																		
	17	BRL (5.0)	BRL (4.8)	BRL (4.5)	BRL (5.1)	BRL (5.1)	BRL (6.2)	BRL (4.9)	BRL (4.7)	BRL (6.0)	BRL (0.108)	10.5	4.51	BRL (0.133)	BRL (0.1)	BRL (0.098)	4.92	550	5

NOTES:

1. Samples were collected by Ransom Environmental Consultants, Inc. and HAZ-MAT Transportation & Disposal on June 24, 2007, and May 22, 2008, respectively.
2. BRL ( ) = below reporting limit indicated in parentheses.
3. NCDENR= North Carolina Department of Environment and Natural Resources (IHSB) Inactive Hazardous Sites Branch.
4. NC DENR IHSB Health Based Soil Remediation Goals and Protection of Groundwater Remediation Goals, updated October 2010.
5. Average PCE concentration calculated in accordance with NC DENR IHSB *Guidelines for Assessment and Cleanup*, Appendix E, "Procedures for Demonstrating Attainment of Health-Based Soil Remedial Goals Through Averaging Contaminant Concentrations," dated August 2010.



TAKEN FROM U.S.G.S. 7.5x15 MINUTE SERIES TOPOGRAPHIC MAP OF POPLAR TENT, NORTH CAROLINA.



SITE COORDINATES: LATITUDE 35°23'56"
LONGITUDE 80°42'08"

UTM COORDINATES: 39:17:319mN
5:27:042mE

RANSOM Environmental Consultants, Inc.

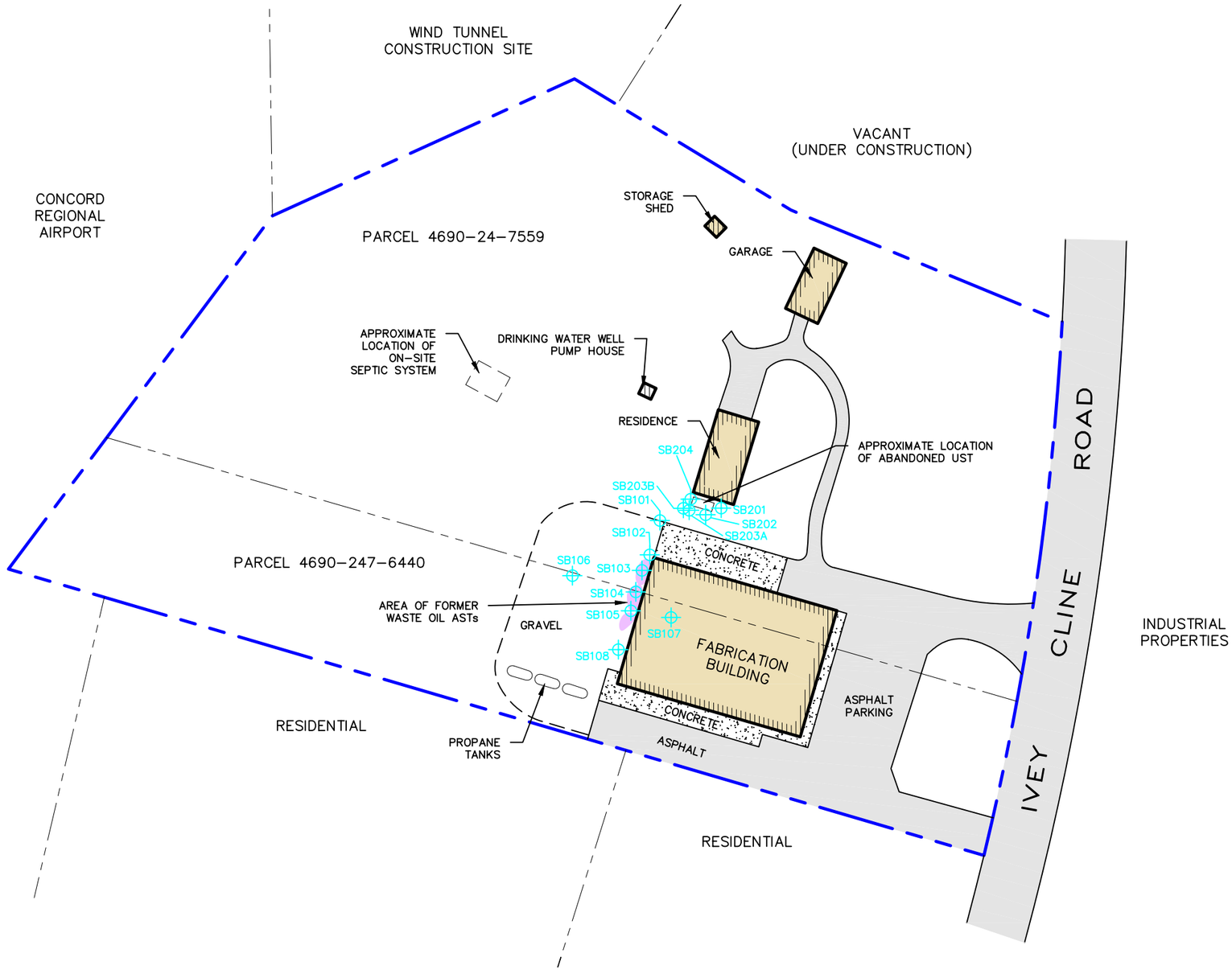
SITE LOCATION MAP

PREPARED FOR:
HALE TRAILER BRAKE & WHEEL, INC.
ROUTE 73 & COOPER ROAD
VOORHEES, NEW JERSEY

SITE:
1136 – 1150
IVEY CLINE ROAD
CONCORD, NORTH CAROLINA

DATE: MARCH 2011
PROJECT: 071048
FIGURE: 1

P:\2007\071048\Remedial Investigation Completion Report\07104800.dwg



LEGEND:

- EXTENT OF SURFICIAL SOIL STAINING
- SB101 SOIL BORING
- LOT LINE
- SITE BOUNDARY

NOTES:

1. SITE PLAN BASED ON MEASUREMENTS AND OBSERVATIONS MADE BY RANSOM ENVIRONMENTAL CONSULTANTS, INC. ON MAY 31 AND JULY 24, 2007.
2. SOME FEATURES ARE APPROXIMATE IN LOCATION AND SCALE.

0 50 100 200

SCALE in FEET
1"=100'

RANSOM Environmental Consultants, Inc.

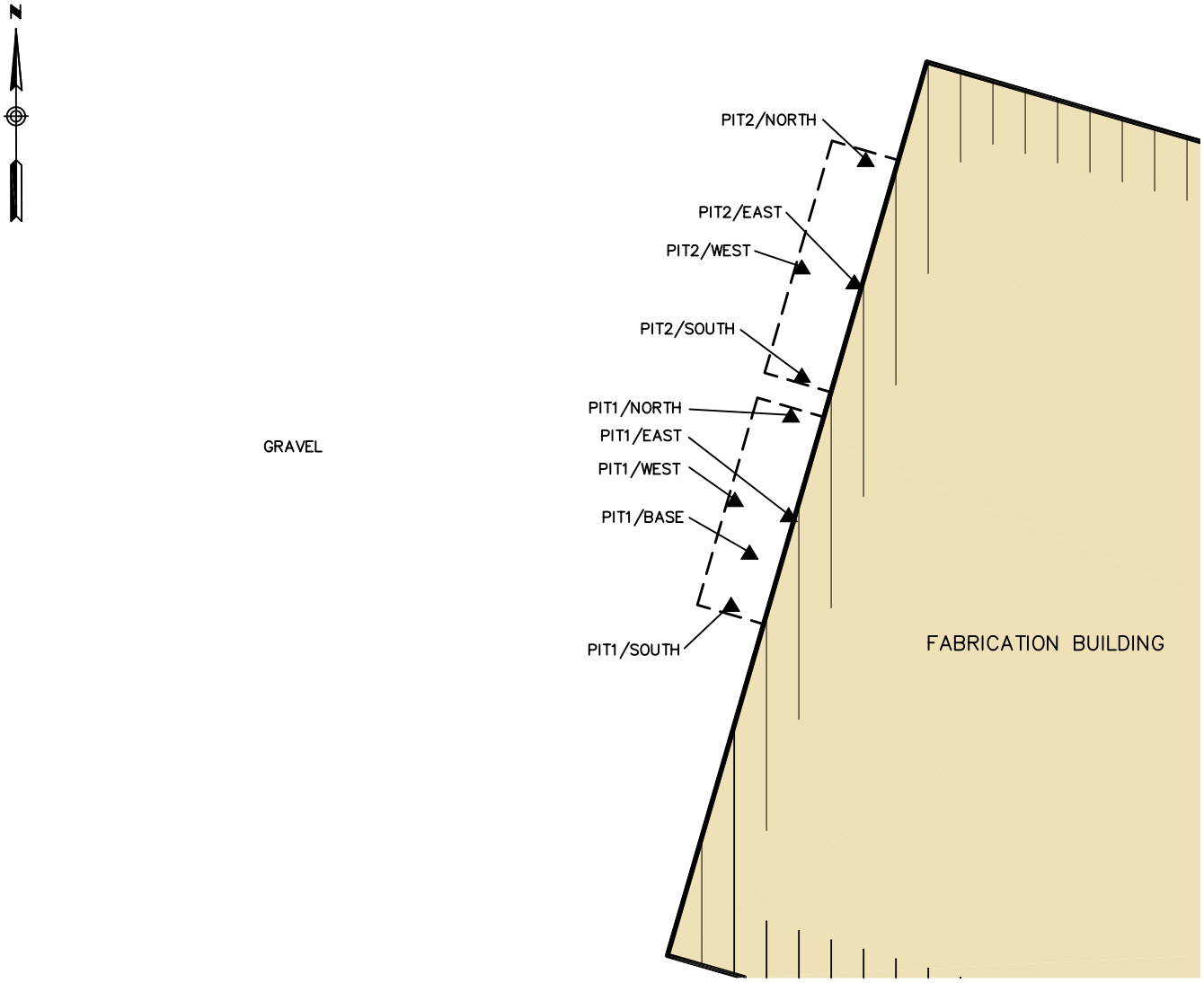
PREPARED FOR:
HALE TRAILER BRAKE & WHEEL, INC.
ROUTE 73 & COOPER ROAD
VOORHEES, NEW JERSEY

SITE:
1136 – 1150
IVEY CLINE ROAD
CONCORD, NORTH CAROLINA

SITE PLAN

DATE: MARCH 2011
PROJECT: 071048
FIGURE: 2

P:\2007\071048\Remedial Investigation Completion Report\07104803.dwg Mar 09, 2011 – 9:46am



LEGEND:

PIT2/EAST ▲ SOIL SAMPLE

— — — — — — LIMITS OF EXCAVATION

NOTES:

1. SITE PLAN BASED ON MEASUREMENTS AND OBSERVATIONS MADE BY RANSOM ENVIRONMENTAL CONSULTANTS, INC. ON MAY 31 AND JULY 24, 2007.
2. SOME FEATURES ARE APPROXIMATE IN LOCATION AND SCALE.

0 10 20 40

SCALE in FEET
1"=20'

RANSOM Environmental Consultants, Inc.

REMEDIAL ACTION SITE PLAN

PREPARED FOR:
HALE TRAILER BRAKE & WHEEL, INC.
ROUTE 73 & COOPER ROAD
VOORHEES, NEW JERSEY

SITE:
1136 – 1150
IVEY CLINE ROAD
CONCORD, NORTH CAROLINA

DATE: MARCH 2011
PROJECT: 071048
FIGURE: 3

P:\2007\071048\Remedial Investigation Completion Report\07104803.dwg Mar 09, 2011 – 9:45am

ATTACHMENT A

NC DENR Certification of Attainment of Cleanup Levels and
No Further Action Required

Remedial Investigation/Phase II Limited Subsurface Investigations and
Remedial Action Completion Report
1136–1150 Ivey Cline Road
Concord, North Carolina
NC DENR Spill No. NONCD0002803

Certification of Attainment of Cleanup Levels and No Further Action Required

Site Name: Ferree Property (Hale Trailer Brake & Wheel, Inc.)

City: Concord

Street Address: 1136 - 1150 Ivey Cline Road

County: Cabarrus

Site Inactive Hazardous Sites ID#: NC DENR Spill No. NONCD0002803

For purposes of this certification, the "site" is defined as the above identified property and any additional area which has become contaminated as a result of hazardous substances or other non-petroleum, non-biological contaminants disposed at that property.

Initial each of the following statements.

I have reviewed all the available environmental records for this site. RJS

All known and suspect areas of hazardous substance contamination and any other non-petroleum, non-biological contamination at the Site have been tested in accordance with Appendices A and B of the Inactive Hazardous Sites Program Guidelines for Assessment and Cleanup. For purposes of this certification, "suspect area" means any area of concern that has evidence of a release of contaminants including verbal or written information or records, knowledge of employees or other persons, visual observations, instrument readings, laboratory data, measured product inventory loss information, breached vessels and other forms of evidence. ***(Note: "Suspect areas: do not include areas that are simply storage areas, tanks, or chemical facilities where no evidence or indication of a release is known.)*** RJS

The Inactive Hazardous Sites Branch protection of groundwater criteria for soils (reference section 4.1.1.2 of the Inactive Hazardous Sites Program Guidelines for Assessment and Cleanup) have been met. *SEE ATTACHED NOTE RJS

The Inactive Hazardous Sites Branch remediation goals for direct contact for soils (reference section 4.1.1.1 of the Inactive Hazardous Sites Program Guidelines for Assessment and Cleanup) have been met. RJS

The Inactive Hazardous Sites Branch remediation goals for groundwater, surface water and sediment (reference sections 4.1.2, 4.1.3, and 4.1.4 of the Inactive Hazardous Sites Program Guidelines for Assessment and Cleanup) have been met. RJS

I certify that, to the best of my knowledge, after thorough investigation, the information contained in this certification is true and accurate. RJS

Owner and Environmental Consultant for Owner Certification:
After first being duly sworn or affirmed, we [the owner and the owner's designated environmental consultant] each separately state that: I am over the age of eighteen, I am competent to make this certification based on my own knowledge and belief, and to the best of my knowledge and belief, after thorough investigation, the information contained herein is true and accurate.

Owner Signature: Barry Hale
Name of Signatory and Title: Barry J. Hale, Sr., Member
Company: Jenstar 26 Winslow, LLC.
Date:

STATE OF ~~NORTH CAROLINA~~ New Jersey
COUNTY OF Camden

I, Linda M. Bond, a Notary Public, do hereby certify that Barry J. Hale, Sr. personally appeared before me this day, produced proper identification in the form of personal knowledge, was duly sworn or affirmed, and declared that he or she is either the owner of the property referenced above or is a duly authorized agent of said owner and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 16th day of Nov, 2011.

Linda M. Bond
Notary Public

My Commission expires: 12/4/2012

[SEAL]

Linda M. Bond
Notary Public of New Jersey
My Commission Expires December 4, 2012

Environmental Consultant Signature: P. J. Sherr
Name of Signatory and Title: PETER SHERR, SENIOR PROJECT MANAGER
Company: RANSOM ENVIRONMENTAL CONSULTANTS, INC.
Date: 12/2/11

STATE OF ~~NORTH CAROLINA~~ MAINE
COUNTY OF CUMBERLAND

I, STEVEN S. JOHNSON, a Notary Public, do hereby certify that PETER J. SHERR personally appeared before me this day, produced proper identification in the form of DRIVERS LICENSE, was duly sworn or affirmed, and declared that he or she is the duly authorized environmental consultant of the owner of the property referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 2 day of DECEMBER 2011.

Notary Public

My Commission expires:

[SEAL]

STEVEN S. JOHNSON
NOTARY PUBLIC, MAINE
My Commission Expires October 15, 2013

* It is noted that tetrachloroethene (PCE) was detected in one confirmatory soil sample at a concentration of 17 micrograms per kilogram (µg/kg), which is slightly above its applicable Groundwater Remediation Goal. However, in accordance with Appendix E of the NC DENR's *Inactive Hazardous Sites Program, Guidelines for Assessment and Cleanup, August 2010*, the exposure point concentration (EPC) for PCE in the area of impacted soils was calculated by determining the average PCE concentration detected in the soil samples collected as part of the completed remedial action. The EPC for PCE is below its corresponding NC DENR Protection of Groundwater Remediation Goal of 5 micrograms per kilogram (µg/kg).

Based on these findings, Ransom concludes that soil remediation activities were conducted in accordance with the NC DENR regulations, which were in effect at the time, and that no significant health or environmental risks remain warranting additional investigation or remediation. Therefore, it is Ransom's opinion that the residual concentrations of contaminants at the Site do not pose a significant risk of harm to human health, safety, public welfare, or the environment, and that no further investigation or action is warranted at this time. As such, Ransom respectively requests that the NC DENR grant a "No Further Action" status to Spill No. NONCD0002803.

ATTACHMENT B

Phase II Limited Subsurface Investigation Report

Remedial Investigation/Phase II Limited Subsurface Investigations and
Remedial Action Completion Report
1136–1150 Ivey Cline Road
Concord, North Carolina
NC DENR Spill No. NONCD0002803

Ransom Environmental Consultants, Inc.
Project 071048

August 24, 2007 Project 071048

Ms. Patricia Talcott
Hale Trailer Brake & Wheel, Inc.
Route 73 & Cooper Road
Voorhees, New Jersey 08043

RE: Results of Phase II Limited Subsurface Investigation
1136–1150 Ivey Cline Road
Concord, North Carolina

Dear Ms. Talcott:

Ransom Environmental Consultants, Inc. (Ransom) has prepared this letter on behalf of Hale Trailer Brake & Wheel (Hale Trailer), summarizing the results of the Phase II Limited Subsurface Investigation (LSI) performed at the above-referenced property in Concord, North Carolina (the Site). The objective of this targeted LSI was to assess current soil conditions at the Site with respect the presence of stained surface soils associated with the former presence of three waste oil aboveground storage tanks (ASTs) that was observed by Ransom during the performance of an American Society for Testing and Materials (ASTM) Phase I Environmental Site Assessment (ESA) in June 2007. A Site Location Map and a Site Plan are provided as Figures 1 and 2, respectively.

EXECUTIVE SUMMARY

Ransom conducted a targeted LSI at the Site that consisted of the advancement of eight soil borings, the collection and laboratory chemical analysis of selected soil samples, and the collection and laboratory analysis of a water sample from an on-site drinking water supply well. The purpose of the LSI was to evaluate the nature and extent of petroleum-impacted soil behind the on-site commercial fabrication building, while the collection of the drinking water sample was conducted to evaluate whether or not potential releases or discharges of oil and/or hazardous material (OHM) stemming from activities conducted inside the fabrication building has adversely impacted the drinking water supply.

Ransom also attempted to collect a sample from the on-site septic system that services the commercial fabrication building. The purpose of this sampling effort was to evaluate whether or not potential releases or discharges of OHM stemming from activities conducted inside the fabrication building have entered the septic system and have adversely impacted the subsurface environment. However, attempts to access the septic tank were unsuccessful due to the dense soil conditions encountered while trying to locate the access way to the septic tank utilizing hand tools. To gain access to the septic system, mechanical means (e.g., excavator) of excavation are warranted.

Brown's Wharf, Newburyport, Massachusetts 01950, Tel (978) 465-1822, Fax (978) 465-2986
400 Commercial Street, Suite 404, Portland, Maine 04101, Tel (207) 772-2891
195 Commerce Way, Suite D, Portsmouth, New Hampshire 03801, Tel (603) 436-1490
2127 Hamilton Avenue, Hamilton, New Jersey 08619, Tel (609) 584-0090
1445 Wampanoag Trail, Suite 108A, East Providence, Rhode Island 02915, Tel (401) 433-2160

www.ransomenv.com

While on site to collect the drinking water sample, previously undocumented vent and fill pipes associated with an abandoned fuel oil underground storage tank (UST) located at the rear of the residential building were observed. This building is currently heated by propane gas, and as part of Ransom's recent Phase I ESA, none of the historical records reviewed or persons interviewed indicated the historical use of USTs at the Site. As such, the presence of this abandoned UST at the Site constitutes a recognized environmental condition (REC) as defined by ASTM E 1527-05.

Contaminants were not detected in the water sample collected from the on-site drinking water well at concentrations above laboratory reporting limits. Several volatile organic compounds (VOCs), including both petroleum and chlorinated solvent-related compounds and several polycyclic aromatic hydrocarbons (PAHs) were detected in the samples of the stained soil, suggesting on-site discharges of waste oil.

In accordance with the North Carolina Department of Environment and Natural Resources (NC DENR) Division of Waste Management, all releases of hazardous substances or materials containing hazardous substances (except those which are considered de minimis or naturally-occurring), regardless of quantity or concentration, are subject to a 90-day notification requirement. Since the concentrations of VOCs and PAHs detected in soil samples collected as part of this LSI are not considered de minimis or naturally-occurring, it is Ransom's opinion that the identified contamination meets the above-referenced NC DENR notification requirements.

Based on the results of this investigation, Ransom makes the following recommendations:

1. The property owner, operator, or other responsible party should be provided with a copy of this report and informed of their obligation to notify the NC DENR regarding the presence of VOCs and PAHs in soils associated with the stained soils observed at the rear of the fabrication building. In addition, the impacted soil behind the fabrication building should be removed and disposed in accordance with NC DENR regulations and under the direction of a NC Registered Environmental Consultant (NC REC);

2. The abandoned UST should be evaluated to determine if it can be removed without jeopardizing the structural integrity of the residential building. At a minimum, soil samples should be collected in the vicinity of this abandoned UST to determine if a release of fuel from the tank has occurred. If a release of petroleum is identified, NC DENR notification will be required and additional response actions will be warranted to address the identified contamination in accordance with NC DENR's "Underground Storage Tank Section, Guidelines for Site Checks, Tank Closure, and Initial Response and Abatement" dated March 1, 2007; and

3. Access to the on-site septic tank should be facilitated by means of a backhoe and a sample of the contents of the septic tank (liquid and/or solids) should be collected for chemical analysis.

SITE DESCRIPTION AND BACKGROUND

The Site consists of two parcels of land encompassing 6.79 acres. The Site is currently improved by a residence with detached garage (constructed circa 1968) and an unoccupied 15,500-square-foot garage building formerly utilized as a racecar fabrication facility (constructed circa 1992). Ransom understands that vehicle maintenance and/or repair services were not conducted in the racecar fabrication facility. Portions of the Site not covered by the footprints of the Site buildings consist of paved and gravel driveways and parking areas, and landscaped areas. Prior to the construction of the existing Site buildings, available historical information suggests the Site was undeveloped, vacant land.

The Site buildings each receive water from a "dug well" located to the west of the residence. The residence and the racecar fabrication building are serviced by an on-site septic system. Municipal water and sewer utilities are available to the Site through connections in Ivey Cline Road.

During Ransom's previous reconnaissance of the Site, stained surface soils were observed behind the fabrication building. This staining was reportedly associated with three former ASTs that contained waste oil. In addition, two unlabeled 35-gallon drums and one unlabeled 55-gallon drum were observed in the garage associated with the residence. There were no signs of staining or leakage in the area of the drums, which reportedly contained waste oil. Therefore, as part our Phase I ESA, Ransom identified the following REC in connection with the Site that warranted further investigation: The presence of stained surface soils adjacent to the fabrication building associated with the former waste oil ASTs.

LIMITED SUBSURFACE INVESTIGATION

Ransom conducted a targeted LSI at the Site which consisted of the advancement of eight soil borings, field-screening of collected soil samples, and the chemical analysis of selected soil samples. The subsurface investigation was focused in the area of the observed surface soil staining behind the fabrication building. The LSI also included the sampling and analysis of the on-site drinking water well. Ransom also attempted to collect a sample from the on-site septic system that services the commercial fabrication building. The purpose of this sampling effort was to evaluate whether or not potential releases or discharges of OHM stemming from activities conducted inside the fabrication building have entered the septic system and have adversely impacted the subsurface environment. However, attempts to access the septic tank with hand tools were unsuccessful due to the dense soil conditions encountered while trying to locate the access way to the septic tank. To gain access to the septic system, mechanical means (e.g., excavator) of excavation are warranted.

Soil Boring Advancement

On July 24, 2007, eight soil borings, identified as SB101 through SB108, were advanced by McCall Brothers, Inc. of Charlotte, North Carolina, under the supervision of a Ransom scientist. The soil borings were advanced utilizing direct-push (i.e., GeoProbe™) drilling techniques in the area of the observed stained surface soils behind the fabrication building. In general, 4-foot macrocore soil samples were collected continuously from surface grade to depths ranging from 2 to 4 feet below the ground surface (bgs) upon which refusal due to dense overburden soils was encountered. Ground water was not

encountered during advancement of the soil borings. The locations of the soil borings are provided on Figure 2. Soil boring logs are included as Attachment A.

Soil samples retrieved from the soil borings were visually classified in the field by Ransom in general accordance with the Burmister Soil Classification System. In general, the overburden geology at the Site generally consists of dense silty sand with varying amounts of gravel and clay. Soil samples collected from borings SB102, SB103, SB104 and SB105, which were advanced in the area of stained soils, indicated that the stained soils extend to a depth of approximately 3 to 5 inches bgs. Boring locations are summarized below:

Soil Boring Designation	**Location Description**
SB101	Off northwest corner of the fabrication building; outside of the limits of stained soils.
SB102	Off western side of the fabrication building; adjacent to surficial stained soils (northern section).
SB103	Off western side of the fabrication building; within the limits of stained soils (northern/central section).
SB104	Off western side of the fabrication building; within the limits of stained soils (southern/central section).
SB105	Off western side of the fabrication building; within the limits of stained soils (southern section).
SB106	Off western side of the fabrication building; outside of the limits of stained soils.
SB107	Inside western portion of the fabrication building.
SB108	Off southwestern corner of the fabrication building; outside of the limits of stained soils.

Soil Sampling

Ransom documented and logged soil sample characteristics and field-screened the samples for the presence of organic vapors utilizing a photoionization detector (PID)-equipped instrument. Organic vapors were not detected in the soil samples collected from soil borings SB101, SB102, SB103, SB104, or SB106 at concentrations above 1 part per million - volume/volume (ppmv). Organic vapors were detected at concentrations up to 45, 64 and 40 ppmv in the soil samples collected from soil borings SB105, SB107 and SB108, respectively.

Based on field observations and the results of field screening, Ransom selected six soil samples for confirmatory chemical analysis. The samples were submitted to Analytics Environmental Laboratory, LLC (Analytics) of Portsmouth, New Hampshire, and analyzed for the following parameters:

1. VOCs by U.S. Environmental Protection Agency (EPA) Method 8260B; and

2. PAHs by U.S. EPA Method 8270C.

Drinking Water Well Sampling

On August 7, 2007, Pace Analytical (Pace) of Huntersville, North Carolina visited the Site to collect a drinking water sample from the on-site supply well. The sample was collected from a tap attached to the well. In order to collect a sample representative of the drinking water well, water from the tap was run for a period of approximately ten minutes prior to sampling.

The sample, identified as "Well Head", was submitted to Pace, and analyzed for the following parameters:

1. VOCs by U.S. EPA Method 8260B; and

2. PAHs by U.S. EPA Method 8270C.

While on site to collect the drinking water sample, Pace observed a pair of previously undocumented vent and fill pipes associated with an abandoned fuel oil UST at the rear of the residential building. This building is currently heated by propane gas, and as part of Ransom's recent Phase I ESA, the historical records reviewed or persons interviewed indicated the historical use of USTs at the Site.

RESULTS OF INVESTIGATION

Soil Sample Chemical Analysis Results

VOCs

As shown in Table 1, several VOCs were detected in the soil samples collected from borings SB104 and SB105, including acetone, ethylbenzene, naphthalene, n-propylbenzene, tetrachloroethene (PCE), toluene, trichloroethene (TCE), 1,1,1-trichloroethane (TCA), 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and total xylenes. These compounds were detected at concentrations ranging from 0.088 to 10.5 milligrams per kilogram (mg/kg), and are consistent with the kinds of contaminants commonly detected in waste oil. No other VOCs were detected at concentrations above laboratory reporting limits in the soil samples collected from borings SB104 and SB105. VOCs were not detected in the soil samples collected from borings SB101, SB106, SB107 or SB108 at concentrations above laboratory reporting limits.

PAHs

As shown in Table 1, several PAHs, including naphthalene, phenanthrene and 2-methylnaphthalene were detected in the soil sample collected from SB105 at concentrations ranging from 0.184 to 0.601 mg/kg. No other PAHs were detected at concentrations above laboratory reporting limits in this sample. PAHs were not detected in the remaining samples at concentrations above laboratory reporting limits.

A copy of the laboratory chemical analysis data report is provided as Attachment B.

Water Sample Chemical Analysis Results

VOCs and PAHs were not detected in the water sample at concentrations above their respective laboratory reporting limits. A copy of the laboratory chemical analysis data report is provided as Attachment B.

REGULATORY STATUS

NC DENR Notification Obligation

According to the NC DENR Division of Waste Management, all releases of hazardous substances or materials containing hazardous substances, regardless of quantity or concentration, are subject to a 90-day notification requirement. Specifically, under Chapter 130A, Article 9, Part 3 of the North Carolina General Statutes, the owner, operator, or other responsible party is required to notify the Inactive Hazardous Sites Branch within 90 days of the discovery of each hazardous substance or waste disposal site.

Since the concentrations of compounds detected as part of this LSI are not considered *de minimis* or naturally-occurring, it is Ransom's opinion that conditions at the Site meet the above-referenced NC DENR notification requirement.

North Carolina Registered Environmental Consultant (REC) Program

Voluntary remedial actions conducted under the REC program are governed by the Inactive Hazardous Sites Response Act and the REC implementation rules found at 15A NCAC 13C .0300. DENR-approved environmental consulting firms are known as Registered Environmental Consultants. The REC is hired by the remediating party to implement and oversee the site cleanup in lieu of DENR review and approval. Therefore, response actions taken to address the waste oil-impacted soils at the Site must be directed and documented by a REC. Under the REC program, Registered Site Managers (RSMs) provide supervision and direction of the REC. The RSM must also certify, in writing, that the site investigation and site remediation were conducted in accordance with the Inactive Hazardous Sites statute and the REC program rules. This certification is in lieu of DENR review and approval; the DENR will not provide oversight or approval of the work performed by the REC.

Abandoned UST

As provided by NC DENR's "Underground Storage Tank Section, Guidelines for Site Checks, Tank Closure, and Initial Response and Abatement" dated March 1, 2007, the abandoned UST at the Site is considered a "non-regulated UST" and is not subject to the North Carolina UST closure requirements as provided by 15A NCAC 2N .0800. Non-regulated USTs (e.g., home heating oil USTs) are not required to be removed from the ground or closed by any specific procedure. Soil or groundwater samples are not required at the time of closure unless a release is suspected or has been confirmed.

CONCLUSIONS

Based on the results of this investigation, Ransom draws the following conclusions:

1. Surface soil at the rear of the fabrication building has been impacted by releases of waste oil likely associated with the former waste oil ASTs located at this portion of the Site. Consequently, a 90-day NC DENR reporting condition exists, and additional action is warranted;

2. Drinking water at the Site has not been adversely impacted;

3. An abandoned fuel oil UST is located at the rear of the residential building. This tank is considered a non-regulated UST by the NC DENR Underground Storage Tank Section; and

4. Attempts to access the septic tank with hand tools were unsuccessful due to the dense soil conditions encountered while trying to locate the access way to the septic tank. To gain access to the septic system, mechanical means (e.g., excavator) of excavation are warranted.

RECOMMENDATIONS

Based on information obtained as part of the LSI, Ransom recommends the following:

1. The property owner, operator, or other responsible party should be provided with a copy of this report and informed of their obligation to notify the NC DENR regarding the presence of VOCs and PAHs in soils associated with the stained soils observed at the rear of the fabrication building. In addition, the impacted soil behind the fabrication building should be removed and disposed in accordance with NC DENR regulations and under the direction of a NC REC;

2. The abandoned UST should be evaluated to determine if it can be removed without jeopardizing the structural integrity of the residential building. At a minimum, soil samples should be collected in the vicinity of this abandoned UST to determine if a release of fuel from the tank has occurred. If a release of petroleum is identified, NC DENR notification will be required and additional response actions will be warranted to address the identified contamination in accordance with NC DENR's "Underground Storage Tank Section, Guidelines for Site Checks, Tank Closure, and Initial Response and Abatement" dated March 1, 2007; and

3. Access to the on-site septic tank should be facilitated by means of a backhoe and a sample of the contents of the septic tank (liquid and/or solids) should be collected for chemical analysis.

Ms. Patricia Talcott
Hale Trailer Brake & Wheel, Inc.

If you have any questions regarding this letter, please do not hesitate to call.

Sincerely,

RANSOM ENVIRONMENTAL CONSULTANTS, INC.

Andrew L. Bevan, CES
Associate Project Manager

Timothy J. Snay, LSP, LEP
Vice President

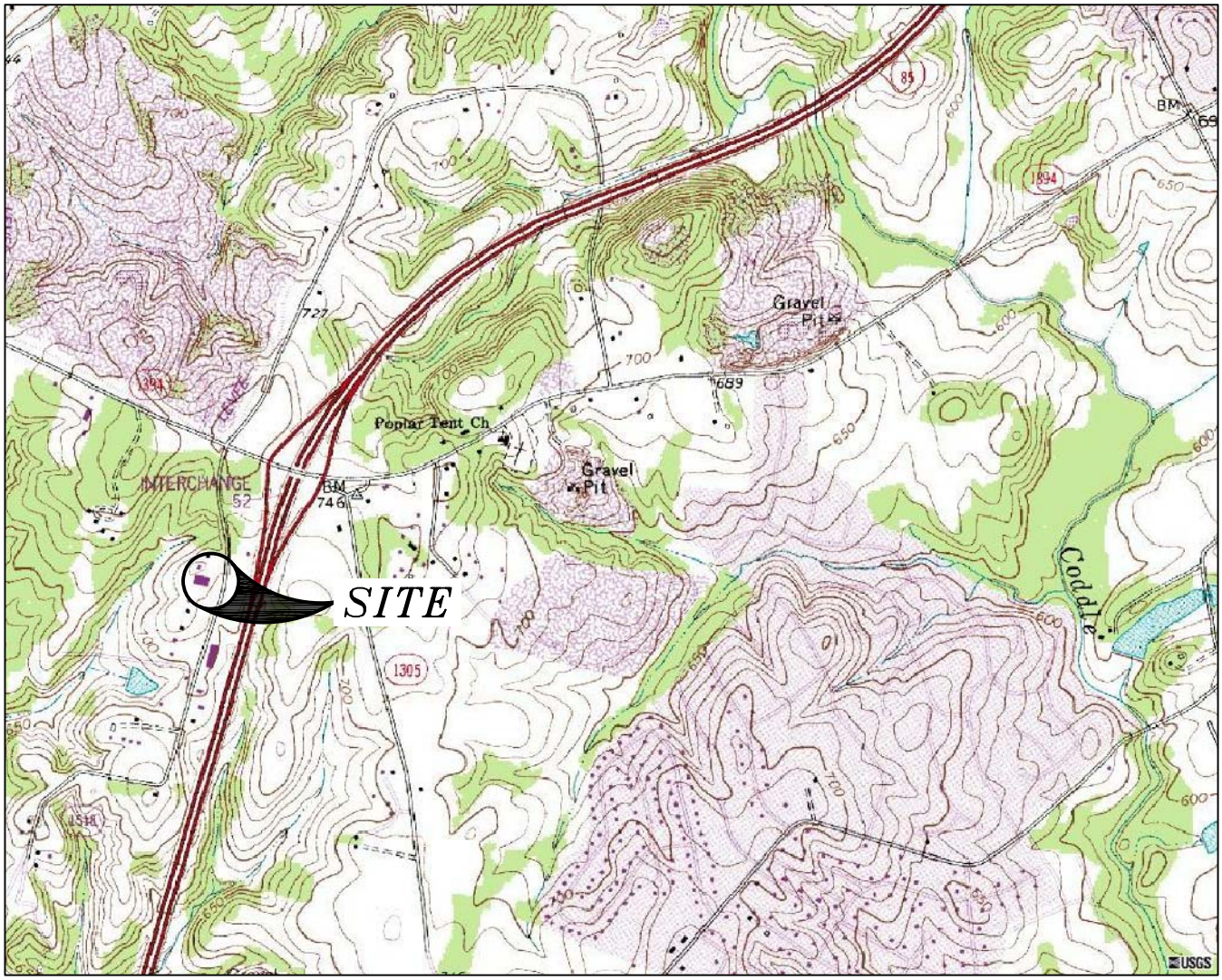
ALB/TJS:ss
Attachments

TABLE 1: **SUMMARY OF SOIL SAMPLE CHEMICAL ANALYSIS RESULTS**
Results of Phase II Limited Subsurface Investigation
1136–1150 Ivey Cline Road
Concord, North Carolina

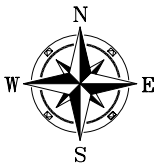
Sample Location	**SB101**	**SB104**	**SB105**	**SB106**	**SB107**	**SB108**
Sample Identification	**SB101-S1-072407**	**SB104-S1-072407**	**SB105-S1-072407**	**SB106-S1-072407**	**SB107-S1-072407**	**SB108-S2-072407**
Sample Depth (feet bgs)	**0.5 – 2**	**0.5 – 2**	**0.5 – 2**	**0.5 – 2**	**0.5 – 2**	**2 – 3**
Volatile Organic Compounds (VOCs)	Concentrations in Milligrams per Kilogram (mg/kg)					
Acetone	BRL (1.08)	BRL (1.25)	BRL (1.26 J)	BRL (1.33)	BRL (0.998)	BRL (0.976)
Ethylbenzene	BRL (0.108)	BRL (0.125)	0.15	BRL (0.133)	BRL (0.1)	BRL (0.098)
Naphthalene	BRL (0.108)	BRL (0.125)	0.69	BRL (0.133)	BRL (0.1)	BRL (0.098)
n-propylbenzene	BRL (0.108)	BRL (0.125)	BRL (0.088 J)	BRL (0.133)	BRL (0.1)	BRL (0.098)
Tetrachloroethene	BRL (0.108)	10.5	4.51	BRL (0.133)	BRL (0.1)	BRL (0.098)
toluene	BRL (0.108)	BRL (0.125)	0.561	BRL (0.133)	BRL (0.1)	BRL (0.098)
1,1,1-trichloroethane	BRL (0.108)	BRL (0.125)	0.348	BRL (0.133)	BRL (0.1)	BRL (0.098)
Trichloroethene	BRL (0.108)	BRL (0.105 J)	0.353	BRL (0.133)	BRL (0.1)	BRL (0.098)
1,2,4-trimethylbenzene	BRL (0.108)	BRL (0.125)	0.8	BRL (0.133)	BRL (0.1)	BRL (0.098)
1,3,5-trimethylbenzene	BRL (0.108)	BRL (0.125)	0.227	BRL (0.133)	BRL (0.1)	BRL (0.098)
Xylenes (total)	BRL (0.108)	BRL (0.125)	0.712	BRL (0.133)	BRL (0.1)	BRL (0.098)
all other VOCs	BRL (0.081-2.15)	BRL (0.094-2.5)	BRL (0.095-2.54)	BRL (0.01-2.66)	BRL (0.075-2.0)	BRL (0.073-1.95)
Polycyclic Aromatic Hydrocarbons (PAHs)	Concentrations in mg/kg					
Naphthalene	BRL (0.28)	BRL (0.29)	BRL (0.184 J)	BRL (0.29)	BRL (0.28)	BRL (0.27)
Phenanthrene	BRL (0.28)	BRL (0.29)	0.347	BRL (0.29)	BRL (0.28)	BRL (0.27)
2-methylnaphthalene	BRL (0.28)	BRL (0.29)	0.601	BRL (0.29)	BRL (0.28)	BRL (0.27)
all other PAHs	BRL (0.28)	BRL (0.29)	BRL (0.29)	BRL (0.29)	BRL (0.28)	BRL (0.27)

NOTES:

1. Samples were collected on July 24, 2007, by Ransom Environmental Consultants, Inc., and analyzed by Analytics Environmental Laboratory, LLC of Portsmouth, New Hampshire.
2. BRL ( ) = below reporting limit indicated in parentheses.
3. J = Estimated concentration.



TAKEN FROM U.S.G.S. 7.5x15 MINUTE SERIES TOPOGRAPHIC MAP OF POPLAR TENT, NORTH CAROLINA.



SITE COORDINATES: LATITUDE 35°23'56"
LONGITUDE 80°42'08"

UTM COORDINATES: 39:17:319mN
5:27:042mE

RANSOM Environmental Consultants, Inc.

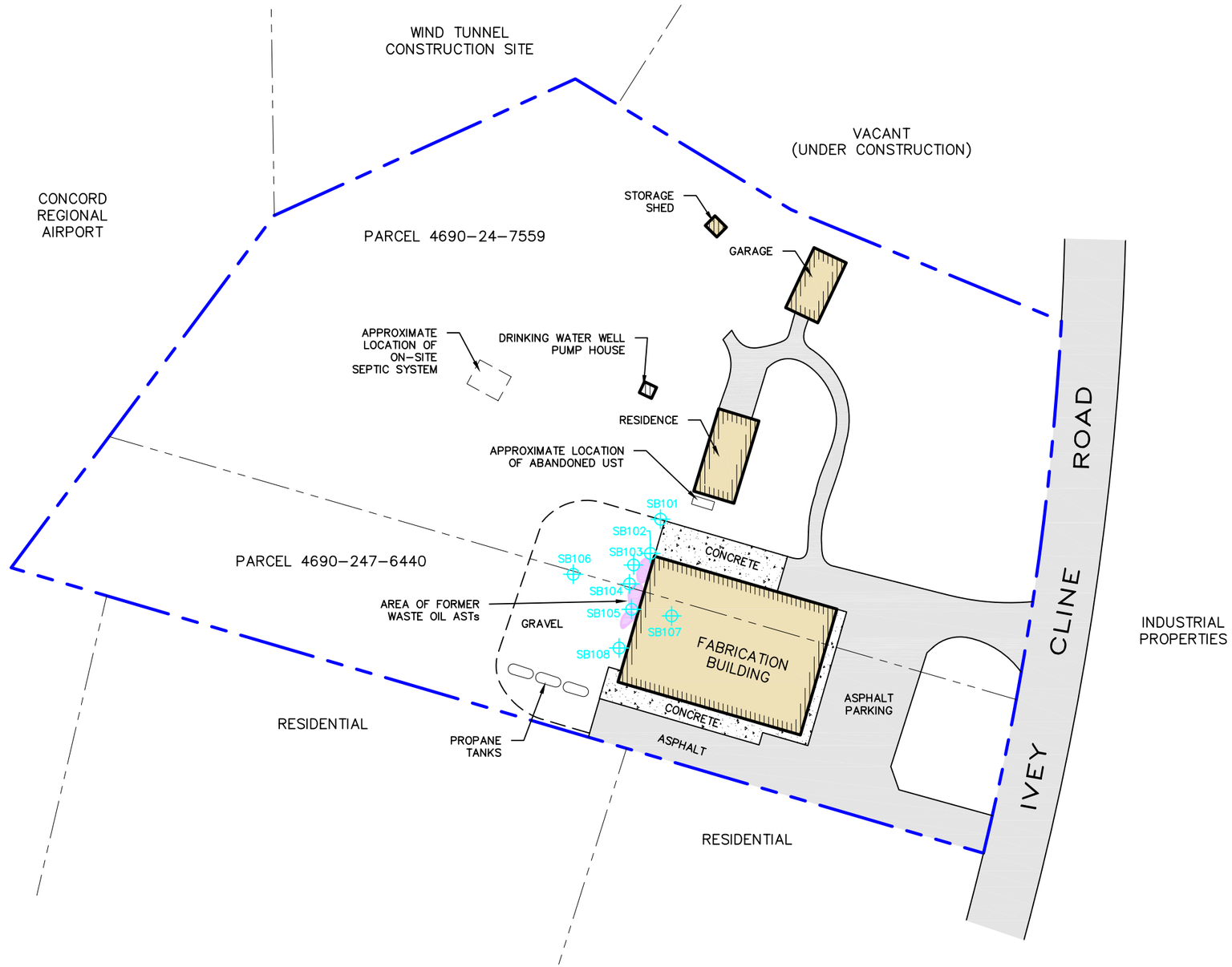
SITE LOCATION MAP

PREPARED FOR:
HALE TRAILER BRAKE & WHEEL, INC.
ROUTE 73 & COOPER ROAD
VOORHEES, NEW JERSEY

SITE:
1136 – 1150
IVEY CLINE ROAD
CONCORD, NORTH CAROLINA

DATE: AUGUST 2007
PROJECT: 071048
FIGURE: 1

P:\2007\071048\07104800.dwg



LEGEND:

- EXTENT OF SURFICIAL SOIL STAINING
- SB101 SOIL BORING
- LOT LINE
- SITE BOUNDARY

NOTES:

1. SITE PLAN BASED ON MEASUREMENTS AND OBSERVATIONS MADE BY RANSOM ENVIRONMENTAL CONSULTANTS, INC. ON MAY 31, AND JULY 24, 2007.
2. SOME FEATURES ARE APPROXIMATE IN LOCATION AND SCALE.
3. THIS PLAN HAS BEEN PREPARED FOR HALE TRAILER BRAKE & WHEEL, INC. ALL OTHER USES ARE NOT AUTHORIZED, UNLESS WRITTEN PERMISSION IS OBTAINED FROM RANSOM ENVIRONMENTAL CONSULTANTS, INC.

0 50 100 200

SCALE in FEET
1"=100'

RANSOM Environmental Consultants, Inc.

PREPARED FOR:
HALE TRAILER BRAKE & WHEEL, INC.
ROUTE 73 & COOPER ROAD
VOORHEES, NEW JERSEY

SITE:
1136 – 1150
IVEY CLINE ROAD
CONCORD, NORTH CAROLINA

SITE PLAN

DATE: AUGUST 2007
PROJECT: 071048
FIGURE: 2

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ATTACHMENT A

Soil Boring Logs

Results of Phase II Limited Subsurface Investigation
1136–1150 Ivey Cline Road
Concord, North Carolina

RANSOM Environmental Consultants, Inc.

BORING LOG: SB101

Reviewed By: AcB	Total Depth: 2 Feet	Logged By: EJL
Date Reviewed: 8/24/07	Boring Diameter: 2 1/8 Inches	Date Drilled: 7/24/07 to 7/24/07
GW Observed at: na	Well Stickup: na	Driller: McCall Brothers, Inc.

DEPTH	DESCRIPTION (Based on a modified Burmister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 inches)	PENETRATION/ RECOVERY	OVM (ppmv)	DEXSIL (ppm)	DEPTH
	S1 (0'-2') Top 10" - brown, fine SAND and SILT, some Gravel, Dry. Bottom 12" - dense, brown, fine SAND and SILT, Dry.	■	S1	na	24/22	<1	nm	
	Refusal, bottom of boring @ 2'.							
5								5
10								10
15								15

NOTES:
1. Boring advanced using GeoProbe drilling techniques.
2. Sample designated with solid fill submitted for laboratory analysis.
3. Density assessment based on field observations.
4. na = not applicable; nm = not measured.

CLIENT:
Hale Trailer Brake & Wheel, Inc.

SITE:
1136-1150 Ivey Cline Road
Concord, NC

Project No.: 071048 | Page: 1

RANSOM Environmental Consultants, Inc.

BORING LOG: SB102

Reviewed By:	ALB	Total Depth:	3 Feet	Logged By:	EJL
Date Reviewed:	8/24/07	Boring Diameter:	2 1/8 Inches	Date Drilled:	7/24/07 to 7/24/07
GW Observed at:	na	Well Stickup:	na	Driller:	McCall Brothers, Inc.

DEPTH	DESCRIPTION (Based on a modified Burmister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 Inches)	PENETRATION/ RECOVERY	OVM (ppmv)	DEXSIL (ppm)	DEPTH
	S1 (0'-3') Top 4" - Loose, gray SILT, some fine Sand, some Gravel, minor petroleum staining, Dry. Bottom 19" - loose, gray-brown, fine SAND, little silt, Dry over 2" COBBLE.		S1	na	36/25	<1	nm	
	Refusal, bottom of boring @ 3'.							
5								5
10								10
15								15

NOTES:
1. Boring advanced using GeoProbe drilling techniques.
2. Density assessment based on field observations.
3. na = not applicable; nm = not measured.

CLIENT:
Hale Trailer Brake & Wheel, Inc.

SITE:
1136-1150 Ivey Cline Road
Concord, NC

Project No.: 071048

RANSOM Environmental Consultants, Inc.

BORING LOG: SB103

Reviewed By:	ACR	Total Depth:	3 Feet	Logged By:	EJL
Date Reviewed:	8/24/07	Boring Diameter:	2 1/8 Inches	Date Drilled:	7/24/07 to 7/24/07
GW Observed at:	na	Well Stickup:	na	Driller:	McCall Brothers, Inc.

DEPTH	DESCRIPTION (Based on a modified Burmister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 inches)	PENETRATION/ RECOVERY	OVM (ppmv)	DEXSIL (ppm)	DEPTH
	S1 (0'-3') Top 4" - Dense, black petroleum-stained GRAVEL, some fine Sand, Dry. Next 8" - Red-brown GRAVEL and fine SAND, Dry. Next 6" - Loose, brown, fine to medium SAND, Dry. Bottom 12" - Loose, brown, fine to medium SAND, Dry.		S1	na	36/30	<1	nm	
						<1		
	Refusal, bottom of boring @ 3'.							
5								5
10								10
15								15

NOTES:
1. Boring advanced using GeoProbe drilling techniques.
2. Density assessment based on field observations.
3. na = not applicable; nm = not measured.

CLIENT:
Hale Trailer Brake & Wheel, Inc.

SITE:
1136-1150 Ivey Cline Road
Concord, NC

Project No.: 071048 | Page: 1

RANSOM Environmental Consultants, Inc.

BORING LOG: SB104

Reviewed By: HLR	Total Depth: 3 Feet	Logged By: EJL	
Date Reviewed: 8/24/07	Boring Diameter: 2 1/8 Inches	Date Drilled: 7/24/07 to 7/24/07	
GW Observed at: na	Well Stickup: na	Driller: McCall Brothers, Inc.	

DEPTH	DESCRIPTION (Based on a modified Burmister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 inches)	PENETRATION/ RECOVERY	OVM (ppmv)	DEXSIL (ppm)	DEPTH
	S1 (0'-3') Top 4" - loose, black petroleum stained GRAVEL, some fine Sand, Dry. Next 6" - dense, red-brown, fine SAND, some Clay, Dry. Bottom 12" - loose, red-brown, fine SAND, trace Silt, Dry.	■	S1	na	36/25	<1	nm	
		▨				<1		
	Refusal, bottom of boring @ 3'.							
5								5
10								10
15								15

NOTES:
1. Boring advanced using GeoProbe drilling techniques.
2. Sample designated with solid fill submitted for laboratory analysis.
3. Density assessment based on field observations.
4. na = not applicable; nm = not measured.

CLIENT:
Hale Trailer Brake & Wheel, Inc.

SITE:
1136-1150 Ivey Cline Road
Concord, NC

Project No.: 071048 | Page: 1

RANSOM Environmental Consultants, Inc.

BORING LOG: SB105

Reviewed By:	AZ	Total Depth:	3 Feet	Logged By:	EJL
Date Reviewed:	8/24/07	Boring Diameter:	2 1/8 Inches	Date Drilled:	7/24/07 to 7/24/07
GW Observed at:	na	Well Stickup:	na	Driller:	McCall Brothers, Inc.

DEPTH	DESCRIPTION (Based on a modified Burmister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 inches)	PENETRATION/ RECOVERY	OVM (ppmv)	DEXSIL (ppm)	DEPTH
	S1 (0'-3') Top 3" - loose, black petroleum stained GRAVEL, some Silt, some fine Sand, Moist. Next 7" - dense, red-brown SILT, some fine Sand, trace clay, Moist. Next 6" - loose, brown-gray, fine to medium SAND, Dry. Bottom 12" - loose, brown-gray, fine to medium SAND, Dry.	■	S1	na	36/28	45	nm	
		☒				9		
	Refusal, bottom of boring @ 3'.							
5								5
10								10
15								15

NOTES:
1. Boring advanced using GeoProbe drilling techniques.
2. Sample designated with solid fill submitted for laboratory analysis.
3. Density assessment based on field observations.
4. na = not applicable; nm = not measured.

CLIENT:
Hale Trailer Brake & Wheel, Inc.

SITE:
1136-1150 Ivey Cline Road
Concord, NC

Project No.: 071048 | Page: 1

RANSOM Environmental Consultants, Inc.

BORING LOG: SB106

Reviewed By:	AJB	Total Depth:	3 Feet	Logged By:	EJL
Date Reviewed:	8/24/07	Boring Diameter:	2 1/8 Inches	Date Drilled:	7/24/07 to 7/24/07
GW Observed at:	na	Well Stickup:	na	Driller:	McCall Brothers, Inc.

DEPTH	DESCRIPTION (Based on a modified Burmister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 inches)	PENETRATION/ RECOVERY	OVM (ppmv)	DEXSIL (ppm)	DEPTH
	S1 (0'-3') Top 4" - loose, gray GRAVEL, some fine Sand, Dry. Next 6" - dense, brown-orange, fine SAND, some Clay, little Silt, Dry. Next 8" - brown-red, fine to medium SAND, Dry. Bottom 12" - loose, brown-red, fine to medium SAND, Dry.	■	S1	na	36/30	1	nm	
		☒				<1		
	Refusal, bottom of boring @ 3'.							
5								5
10								10
15								15

NOTES:
1. Boring advanced using GeoProbe drilling techniques.
2. Sample designated with solid fill submitted for laboratory analysis.
3. Density assessment based on field observations.
4. na = not applicable; nm = not measured.

CLIENT:
Hale Trailer Brake & Wheel, Inc.

SITE:
1136-1150 Ivey Cline Road
Concord, NC

Project No.: 071048 | Page: 1

RANSOM Environmental Consultants, Inc.

BORING LOG: SB107

Reviewed By:	AJB	Total Depth:	4 Feet	Logged By:	EJL
Date Reviewed:	8/24/07	Boring Diameter:	2 1/8 Inches	Date Drilled:	7/24/07 to 7/24/07
GW Observed at:	na	Well Stickup:	na	Driller:	McCall Brothers, Inc.

DEPTH	DESCRIPTION (Based on a modified Burmister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 inches)	PENETRATION/ RECOVERY	OVM (ppmv)	DEXSIL (ppm)	DEPTH
	S1 (0'-2') Top 3" - CONCRETE. Next 3" - loose, red SILT, some fine Sand, Moist. Next 13" - loose, brown, fine to medium SAND, Dry. Next 4" - dense, brown-red, fine SAND, some Silt, Dry. Next 6" - dense, brown-red, fine SAND, some Silt, Dry. Bottom 9" - loose, brown, fine to very fine SAND, Dry.		S1	na	48/38	64	nm	
						40		
	Refusal, bottom of boring @ 4'.							
5								5
10								10
15								15

NOTES:
1. Boring advanced using GeoProbe drilling techniques.
2. Sample designated with solid fill submitted for laboratory analysis.
3. Density assessment based on field observations.
4. na = not applicable; nm = not measured.

CLIENT:
Hale Trailer Brake & Wheel, Inc.

SITE:
1136-1150 Ivey Cline Road
Concord, NC

Project No.: 071048 | Page: 1

RANSOM Environmental Consultants, Inc.

BORING LOG: SB108

Reviewed By:	Ahe	Total Depth:	3 Feet	Logged By:	EJL
Date Reviewed:	8/24/07	Boring Diameter:	2 1/8 Inches	Date Drilled:	7/24/07 to 7/24/07
GW Observed at:	na	Well Stickup:	na	Driller:	McCall Brothers, Inc.

DEPTH	DESCRIPTION (Based on a modified Burmister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 inches)	PENETRATION/ RECOVERY	OVM (ppmv)	DEXSIL (ppm)	DEPTH
	S1 (0'-3') Top 8" - loose, brown SILT, some Gravel, some fine Sand, Dry. Next 7" - dense, brown, fine SAND, some Silt, Dry. Next 6" - loose, brown, fine SAND, Dry. Bottom 4" - dense, red-brown, fine SAND, some Clay, Dry.		S1	na	36/28	1	nm	
						40		
	Refusal, bottom of boring @ 3'.							
5								5
10								10
15								15

NOTES:
1. Boring advanced using GeoProbe drilling techniques.
2. Sample designated with solid fill submitted for laboratory analysis.
3. Density assessment based on field observations.
4. na = not applicable; nm = not measured.

CLIENT:
Hale Trailer Brake & Wheel, Inc.

SITE:
1136-1150 Ivey Cline Road
Concord, NC

Project No.: 071048 | Page: 1

ATTACHMENT B

Copy of Laboratory Chemical Analysis Data Report

Results of Phase II Limited Subsurface Investigation
1136–1150 Ivey Cline Road
Concord, North Carolina

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. Andrew Bevan
Ransom Environmental Consultants, Inc.
195 Commerce Way
Portsmouth NH 03801

Report Number: 59283

Revision: Rev. 0

Re: 1140 & 1150 Ivey Cline Road **071048**

Enclosed are the results of the analyses on your sample(s). Samples were received on 25 July 2007 and analyzed for the tests listed below. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
59283-1	07/24/07	SB101-S1-072407	EPA 8260 Volatile Organics	
	07/24/07	SB101-S1-072407	EPA 8270 (PAH only)	
59283-2	07/24/07	SB104-S1-072407	EPA 8260 Volatile Organics	
	07/24/07	SB104-S1-072407	EPA 8270 (PAH only)	
59283-3	07/24/07	SB105-S1-072407	EPA 8260 Volatile Organics	
	07/24/07	SB105-S1-072407	EPA 8270 (PAH only)	
59283-4	07/24/07	SB106-S1-072407	EPA 8260 Volatile Organics	
	07/24/07	SB106-S1-072407	EPA 8270 (PAH only)	
59283-5	07/24/07	SB107-S1-072407	EPA 8260 Volatile Organics	
	07/24/07	SB107-S1-072407	EPA 8270 (PAH only)	
59283-6	07/24/07	SB108-S2-072407	EPA 8260 Volatile Organics	
	07/24/07	SB108-S2-072407	EPA 8270 (PAH only)	
59283-7	07/24/07	Trip Blank	EPA 8260 Volatile Organics	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, New York, Virginia, Pennsylvania, and is validated by the U.S. Navy (NFESC). A list of actual certified parameters is available upon request.

If you have any further question on the analytical methods or these results, do not hesitate to call.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 8/7/2007

This report shall not be reproduced, except in full, without the written consent of Analytics Environmental Laboratory, LLC.

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. Andrew Bevan
Ransom Environmental Consultants, Inc.
195 Commerce Way
Portsmouth NH 03801

August 7, 2007

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: 1140 & 1150 Ivey Cline Road

Project Number: 071048

Field Sample ID: SB101-S1-072407

Lab Sample ID: 59283-1
Matrix: Solid
Percent Solid: 88
Dilution Factor: 108
Collection Date: 07/24/07
Lab Receipt Date: 07/25/07
Analysis Date: 07/30/07

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	108	U	1,3-Dichloropropane	108	U
Bromobenzene	108	U	cis-1,3-Dichloropropene	108	U
Bromochloromethane	108	U	trans-1,3-Dichloropropene	108	U
Bromodichloromethane	81	U	2,2-Dichloropropane	108	U
Bromoform	81	U	1,1-Dichloropropene	108	U
Bromomethane	108	U	Ethylbenzene	108	U
n-butylbenzene	108	U	Hexachlorobutadiene	108	U
sec-butylbenzene	108	U	Isopropylbenzene	108	U
tert-butylbenzene	108	U	p-isopropyltoluene	108	U
Carbon Tetrachloride	108	U	Methylene Chloride	538	U
Chlorobenzene	108	U	Methyl-tert-butyl ether (MTBE)	108	U
Chloroethane	108	U	Naphthalene	108	U
Chloroform	81	U	n-Propylbenzene	108	U
Chloromethane	108	U	Styrene	108	U
2-Chlorotoluene	108	U	1,1,1,2-Tetrachloroethane	108	U
4-Chlorotoluene	108	U	1,1,2,2-Tetrachloroethane	81	U
Dibromochloromethane	81	U	Tetrachloroethene	108	U
1,2-Dibromo-3-chloropropane	108	U	Toluene	108	U
1,2-Dibromoethane	81	U	1,2,3-Trichlorobenzene	108	U
Dibromomethane	108	U	1,2,4-Trichlorobenzene	108	U
1,2-Dichlorobenzene	108	U	1,1,1-Trichloroethane	108	U
1,3-Dichlorobenzene	108	U	1,1,2-Trichloroethane	81	U
1,4-Dichlorobenzene	108	U	Trichloroethene	108	U
Dichlorodifluoromethane	108	U	Trichlorofluoromethane	108	U
1,1-Dichloroethane	108	U	1,2,3-Trichloropropane	108	U
1,2-Dichloroethane	81	U	1,2,4-Trimethylbenzene	108	U
1,1-Dichloroethene	81	U	1,3,5-Trimethylbenzene	108	U
cis-1,2-Dichloroethene	108	U	Vinyl Chloride	108	U
trans-1,2-Dichloroethene	108	U	o-Xylene	108	U
1,2-Dichloropropane	81	U	m,p-Xylene	108	U
Acetone	1080	U	Diethyl ether	108	U
Carbon Disulfide	108	U	2-Hexanone	1080	U
Tetrahydrofuran	538	U	Methyl isobutyl ketone	1080	U
Methyl ethyl ketone	1080	U	Di-isopropyl ether (DIPE)	108	U
t-Butyl alcohol (TBA)	2150	U	Ethyl t-butyl ether (ETBE)	108	U
t-Amyl methyl ether (TAME)	108	U			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	95 %	d8-Toluene	105 %	Bromofluorobenzene	103 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B.

COMMENTS: Results are expressed on a dry weight basis. Sample collection and analysis in accordance with SW-846 method 5035A.

8260 full

Authorized signature

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. Andrew Bevan
Ransom Environmental Consultants, Inc.
195 Commerce Way
Portsmouth NH 03801

August 7, 2007

SAMPLE DATA

Lab Sample ID:	59283-1
Matrix:	Solid
Percent Solid:	88
Dilution Factor:	1.1
Collection Date:	07/24/07
Lab Receipt Date:	07/25/07
Extraction Date:	07/26/07
Analysis Date:	07/27/07

CLIENT SAMPLE ID

Project Name:	1140 & 1150 Ivey Cline Road
Project Number:	071048
Field Sample ID:	SB101-S1-072407

ANALYTICAL RESULTS SEMI-VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Naphthalene	280	U
Acenaphthylene	280	U
Acenaphthene	280	U
Fluorene	280	U
Phenanthrene	280	U
Anthracene	280	U
Fluoranthene	280	U
Pyrene	280	U
Benzo[a]anthracene	280	U
Chrysene	280	U
Benzo[b] fluoranthene	280	U
Benzo[k] fluoranthene	280	U
Benzo[a] pyrene	280	U
Dibenz [a,h] anthracene	280	U
Benzo(g,h,i) perylene	280	U
Indeno [1,2,3-cd] pyrene	280	U
2-Methylnaphthalene	280	U

Surrogate Standard Recovery

d5-nitrobenzene	67 %	2-Fluorobiphenyl	63 %	d14-p-terphenyl	73 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8270C.

COMMENTS: Results are expressed on a dry weight basis.

Authorized signature

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. Andrew Bevan
Ransom Environmental Consultants, Inc.
195 Commerce Way
Portsmouth NH 03801

August 7, 2007

SAMPLE DATA

Lab Sample ID: 59283-2
Matrix: Solid
Percent Solid: 84
Dilution Factor: 125
Collection Date: 07/24/07
Lab Receipt Date: 07/25/07
Analysis Date: 07/30/07

CLIENT SAMPLE ID

Project Name: 1140 & 1150 Ivey Cline Road

Project Number: 071048

Field Sample ID: SB104-S1-072407

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	125	U	1,3-Dichloropropane	125	U
Bromobenzene	125	U	cis-1,3-Dichloropropene	125	U
Bromochloromethane	125	U	trans-1,3-Dichloropropene	125	U
Bromodichloromethane	94	U	2,2-Dichloropropane	125	U
Bromoform	94	U	1,1-Dichloropropene	125	U
Bromomethane	125	U	Ethylbenzene	125	U
n-butylbenzene	125	U	Hexachlorobutadiene	125	U
sec-butylbenzene	125	U	Isopropylbenzene	125	U
tert-butylbenzene	125	U	p-isopropyltoluene	125	U
Carbon Tetrachloride	125	U	Methylene Chloride	625	U
Chlorobenzene	125	U	Methyl-tert-butyl ether (MTBE)	125	U
Chloroethane	125	U	Naphthalene	125	U
Chloroform	94	U	n-Propylbenzene	125	U
Chloromethane	125	U	Styrene	125	U
2-Chlorotoluene	125	U	1,1,1,2-Tetrachloroethane	125	U
4-Chlorotoluene	125	U	1,1,2,2-Tetrachloroethane	94	U
Dibromochloromethane	94	U	Tetrachloroethene	125	**10500**
1,2-Dibromo-3-chloropropane	125	U	Toluene	125	U
1,2-Dibromoethane	94	U	1,2,3-Trichlorobenzene	125	U
Dibromomethane	125	U	1,2,4-Trichlorobenzene	125	U
1,2-Dichlorobenzene	125	U	1,1,1-Trichloroethane	125	U
1,3-Dichlorobenzene	125	U	1,1,2-Trichloroethane	94	U
1,4-Dichlorobenzene	125	U	Trichloroethene	125	**105 J**
Dichlorodifluoromethane	125	U	Trichlorofluoromethane	125	U
1,1-Dichloroethane	125	U	1,2,3-Trichloropropane	125	U
1,2-Dichloroethane	94	U	1,2,4-Trimethylbenzene	125	U
1,1-Dichloroethene	94	U	1,3,5-Trimethylbenzene	125	U
cis-1,2-Dichloroethene	125	U	Vinyl Chloride	125	U
trans-1,2-Dichloroethene	125	U	o-Xylene	125	U
1,2-Dichloropropane	94	U	m,p-Xylene	125	U
Acetone	1250	U	Diethyl ether	125	U
Carbon Disulfide	125	U	2-Hexanone	1250	U
Tetrahydrofuran	625	U	Methyl isobutyl ketone	1250	U
Methyl ethyl ketone	1250	U	Di-isopropyl ether (DIPE)	125	U
t-Butyl alcohol (TBA)	2500	U	Ethyl t-butyl ether (ETBE)	125	U
t-Amyl methyl ether (TAME)	125	U			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	81 %	d8-Toluene	87 %	Bromofluorobenzene	87 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B.

COMMENTS: Results are expressed on a dry weight basis. Sample collection and analysis in accordance with SW-846 method 5035A.

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August 7, 2007

SAMPLE DATA

Lab Sample ID:	59283-2
Matrix:	Solid
Percent Solid:	84
Dilution Factor:	1.2
Collection Date:	07/24/07
Lab Receipt Date:	07/25/07
Extraction Date:	07/26/07
Analysis Date:	07/27/07

CLIENT SAMPLE ID

Project Name:	1140 & 1150 Ivey Cline Road
Project Number:	071048
Field Sample ID:	SB104-S1-072407

ANALYTICAL RESULTS SEMI-VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Naphthalene	290	U
Acenaphthylene	290	U
Acenaphthene	290	U
Fluorene	290	U
Phenanthrene	290	U
Anthracene	290	U
Fluoranthene	290	U
Pyrene	290	U
Benzo[a]anthracene	290	U
Chrysene	290	U
Benzo[b] fluoranthene	290	U
Benzo[k] fluoranthene	290	U
Benzo[a] pyrene	290	U
Dibenz [a,h] anthracene	290	U
Benzo(g,h,i) perylene	290	U
Indeno [1,2,3-cd] pyrene	290	U
2-Methylnaphthalene	290	U

Surrogate Standard Recovery

d5-nitrobenzene	60 %	2-Fluorobiphenyl	56 %	d14-p-terphenyl	67 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8270C.

COMMENTS: Results are expressed on a dry weight basis.

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PAH Report

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August 7, 2007

SAMPLE DATA

Lab Sample ID: 59283-3
Matrix: Solid
Percent Solid: 83
Dilution Factor: 127
Collection Date: 07/24/07
Lab Receipt Date: 07/25/07
Analysis Date: 07/30/07

CLIENT SAMPLE ID

Project Name: 1140 & 1150 Ivey Cline Road

Project Number: 071048

Field Sample ID: SB105-S1-072407

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	127	U	1,3-Dichloropropane	127	U
Bromobenzene	127	U	cis-1,3-Dichloropropene	127	U
Bromochloromethane	127	U	trans-1,3-Dichloropropene	127	U
Bromodichloromethane	95	U	2,2-Dichloropropane	127	U
Bromoform	95	U	1,1-Dichloropropene	127	U
Bromomethane	127	U	Ethylbenzene	127	**150**
n-butylbenzene	127	U	Hexachlorobutadiene	127	U
sec-butylbenzene	127	U	Isopropylbenzene	127	U
tert-butylbenzene	127	U	p-isopropyltoluene	127	U
Carbon Tetrachloride	127	U	Methylene Chloride	634	U
Chlorobenzene	127	U	Methyl-tert-butyl ether (MTBE)	127	U
Chloroethane	127	U	Naphthalene	127	**690**
Chloroform	95	U	n-Propylbenzene	127	**88 J**
Chloromethane	127	U	Styrene	127	U
2-Chlorotoluene	127	U	1,1,1,2-Tetrachloroethane	127	U
4-Chlorotoluene	127	U	1,1,2,2-Tetrachloroethane	95	U
Dibromochloromethane	95	U	Tetrachloroethene	127	**4510**
1,2-Dibromo-3-chloropropane	127	U	Toluene	127	**561**
1,2-Dibromoethane	95	U	1,2,3-Trichlorobenzene	127	U
Dibromomethane	127	U	1,2,4-Trichlorobenzene	127	U
1,2-Dichlorobenzene	127	U	1,1,1-Trichloroethane	127	**348**
1,3-Dichlorobenzene	127	U	1,1,2-Trichloroethane	95	U
1,4-Dichlorobenzene	127	U	Trichloroethene	127	**353**
Dichlorodifluoromethane	127	U	Trichlorofluoromethane	127	U
1,1-Dichloroethane	127	U	1,2,3-Trichloropropane	127	U
1,2-Dichloroethane	95	U	1,2,4-Trimethylbenzene	127	**800**
1,1-Dichloroethene	95	U	1,3,5-Trimethylbenzene	127	**227**
cis-1,2-Dichloroethene	127	U	Vinyl Chloride	127	U
trans-1,2-Dichloroethene	127	U	o-Xylene	127	**215**
1,2-Dichloropropane	95	U	m,p-Xylene	127	**497**
Acetone	1270	**1260 J**	Diethyl ether	127	U
Carbon Disulfide	127	U	2-Hexanone	1270	U
Tetrahydrofuran	634	U	Methyl isobutyl ketone	1270	U
Methyl ethyl ketone	1270	U	Di-isopropyl ether (DIPE)	127	U
t-Butyl alcohol (TBA)	2540	U	Ethyl t-butyl ether (ETBE)	127	U
t-Amyl methyl ether (TAME)	127	U			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	89 %	d8-Toluene	95 %	Bromofluorobenzene	94 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B.

COMMENTS: Results are expressed on a dry weight basis. Sample collection and analysis in accordance with SW-846 method 5035A.

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August 7, 2007

SAMPLE DATA

Lab Sample ID:	59283-3
Matrix:	Solid
Percent Solid:	83
Dilution Factor:	1.2
Collection Date:	07/24/07
Lab Receipt Date:	07/25/07
Extraction Date:	07/26/07
Analysis Date:	07/27/07

CLIENT SAMPLE ID

Project Name:	1140 & 1150 Ivey Cline Road
Project Number:	071048
Field Sample ID:	SB105-S1-072407

ANALYTICAL RESULTS SEMI-VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Naphthalene	290	**184 J**
Acenaphthylene	290	U
Acenaphthene	290	U
Fluorene	290	U
Phenanthrene	290	**347**
Anthracene	290	U
Fluoranthene	290	U
Pyrene	290	U
Benzo[a]anthracene	290	U
Chrysene	290	U
Benzo[b] fluoranthene	290	U
Benzo[k] fluoranthene	290	U
Benzo[a] pyrene	290	U
Dibenz [a,h] anthracene	290	U
Benzo(g,h,i) perylene	290	U
Indeno [1,2,3-cd] pyrene	290	U
2-Methylnaphthalene	290	**601**

Surrogate Standard Recovery

d5-nitrobenzene	63 %	2-Fluorobiphenyl	50 %	d14-p-terphenyl	66 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8270C.

COMMENTS: Results are expressed on a dry weight basis.

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PAH Report

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August 7, 2007

SAMPLE DATA

Lab Sample ID: 59283-4
Matrix: Solid
Percent Solid: 84
Dilution Factor: 133
Collection Date: 07/24/07
Lab Receipt Date: 07/25/07
Analysis Date: 07/30/07

CLIENT SAMPLE ID

Project Name: 1140 & 1150 Ivey Cline Road

Project Number: 071048

Field Sample ID: SB106-S1-072407

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	133	U	1,3-Dichloropropane	133	U
Bromobenzene	133	U	cis-1,3-Dichloropropene	133	U
Bromochloromethane	133	U	trans-1,3-Dichloropropene	133	U
Bromodichloromethane	100	U	2,2-Dichloropropane	133	U
Bromoform	100	U	1,1-Dichloropropene	133	U
Bromomethane	133	U	Ethylbenzene	133	U
n-butylbenzene	133	U	Hexachlorobutadiene	133	U
sec-butylbenzene	133	U	Isopropylbenzene	133	U
tert-butylbenzene	133	U	p-isopropyltoluene	133	U
Carbon Tetrachloride	133	U	Methylene Chloride	666	U
Chlorobenzene	133	U	Methyl-tert-butyl ether (MTBE)	133	U
Chloroethane	133	U	Naphthalene	133	U
Chloroform	100	U	n-Propylbenzene	133	U
Chloromethane	133	U	Styrene	133	U
2-Chlorotoluene	133	U	1,1,1,2-Tetrachloroethane	133	U
4-Chlorotoluene	133	U	1,1,2,2-Tetrachloroethane	100	U
Dibromochloromethane	100	U	Tetrachloroethene	133	U
1,2-Dibromo-3-chloropropane	133	U	Toluene	133	U
1,2-Dibromoethane	100	U	1,2,3-Trichlorobenzene	133	U
Dibromomethane	133	U	1,2,4-Trichlorobenzene	133	U
1,2-Dichlorobenzene	133	U	1,1,1-Trichloroethane	133	U
1,3-Dichlorobenzene	133	U	1,1,2-Trichloroethane	100	U
1,4-Dichlorobenzene	133	U	Trichloroethene	133	U
Dichlorodifluoromethane	133	U	Trichlorofluoromethane	133	U
1,1-Dichloroethane	133	U	1,2,3-Trichloropropane	133	U
1,2-Dichloroethane	100	U	1,2,4-Trimethylbenzene	133	U
1,1-Dichloroethene	100	U	1,3,5-Trimethylbenzene	133	U
cis-1,2-Dichloroethene	133	U	Vinyl Chloride	133	U
trans-1,2-Dichloroethene	133	U	o-Xylene	133	U
1,2-Dichloropropane	100	U	m,p-Xylene	133	U
Acetone	1330	U	Diethyl ether	133	U
Carbon Disulfide	133	U	2-Hexanone	1330	U
Tetrahydrofuran	666	U	Methyl isobutyl ketone	1330	U
Methyl ethyl ketone	1330	U	Di-isopropyl ether (DIPE)	133	U
t-Butyl alcohol (TBA)	2660	U	Ethyl t-butyl ether (ETBE)	133	U
t-Amyl methyl ether (TAME)	133	U			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	89 %	d8-Toluene	92 %	Bromofluorobenzene	89 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B.

COMMENTS: Results are expressed on a dry weight basis. Sample collection and analysis in accordance with SW-846 method 5035A.

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August 7, 2007

SAMPLE DATA

Lab Sample ID:	59283-4
Matrix:	Solid
Percent Solid:	84
Dilution Factor:	1.2
Collection Date:	07/24/07
Lab Receipt Date:	07/25/07
Extraction Date:	07/26/07
Analysis Date:	07/27/07

CLIENT SAMPLE ID

Project Name:	1140 & 1150 Ivey Cline Road
Project Number:	071048
Field Sample ID:	SB106-S1-072407

ANALYTICAL RESULTS SEMI-VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Naphthalene	290	U
Acenaphthylene	290	U
Acenaphthene	290	U
Fluorene	290	U
Phenanthrene	290	U
Anthracene	290	U
Fluoranthene	290	U
Pyrene	290	U
Benzo[a]anthracene	290	U
Chrysene	290	U
Benzo[b] fluoranthene	290	U
Benzo[k] fluoranthene	290	U
Benzo[a] pyrene	290	U
Dibenz [a,h] anthracene	290	U
Benzo(g,h,i) perylene	290	U
Indeno [1,2,3-cd] pyrene	290	U
2-Methylnaphthalene	290	U

Surrogate Standard Recovery

d5-nitrobenzene	51 %	2-Fluorobiphenyl	49 %	d14-p-terphenyl	84 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8270C.

COMMENTS: Results are expressed on a dry weight basis.

Authorized signature Melanie Lall

PAH Report

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August 7, 2007

SAMPLE DATA

Lab Sample ID: 59283-5
Matrix: Solid
Percent Solid: 87
Dilution Factor: 100
Collection Date: 07/24/07
Lab Receipt Date: 07/25/07
Analysis Date: 07/30/07

CLIENT SAMPLE ID

Project Name: 1140 & 1150 Ivey Cline Road

Project Number: 071048

Field Sample ID: SB107-S1-072407

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	100	U	1,3-Dichloropropane	100	U
Bromobenzene	100	U	cis-1,3-Dichloropropene	100	U
Bromochloromethane	100	U	trans-1,3-Dichloropropene	100	U
Bromodichloromethane	75	U	2,2-Dichloropropane	100	U
Bromoform	75	U	1,1-Dichloropropene	100	U
Bromomethane	100	U	Ethylbenzene	100	U
n-butylbenzene	100	U	Hexachlorobutadiene	100	U
sec-butylbenzene	100	U	Isopropylbenzene	100	U
tert-butylbenzene	100	U	p-isopropyltoluene	100	U
Carbon Tetrachloride	100	U	Methylene Chloride	499	U
Chlorobenzene	100	U	Methyl-tert-butyl ether (MTBE)	100	U
Chloroethane	100	U	Naphthalene	100	U
Chloroform	75	U	n-Propylbenzene	100	U
Chloromethane	100	U	Styrene	100	U
2-Chlorotoluene	100	U	1,1,1,2-Tetrachloroethane	100	U
4-Chlorotoluene	100	U	1,1,2,2-Tetrachloroethane	75	U
Dibromochloromethane	75	U	Tetrachloroethene	100	U
1,2-Dibromo-3-chloropropane	100	U	Toluene	100	U
1,2-Dibromoethane	75	U	1,2,3-Trichlorobenzene	100	U
Dibromomethane	100	U	1,2,4-Trichlorobenzene	100	U
1,2-Dichlorobenzene	100	U	1,1,1-Trichloroethane	100	U
1,3-Dichlorobenzene	100	U	1,1,2-Trichloroethane	75	U
1,4-Dichlorobenzene	100	U	Trichloroethene	100	U
Dichlorodifluoromethane	100	U	Trichlorofluoromethane	100	U
1,1-Dichloroethane	100	U	1,2,3-Trichloropropane	100	U
1,2-Dichloroethane	75	U	1,2,4-Trimethylbenzene	100	U
1,1-Dichloroethene	75	U	1,3,5-Trimethylbenzene	100	U
cis-1,2-Dichloroethene	100	U	Vinyl Chloride	100	U
trans-1,2-Dichloroethene	100	U	o-Xylene	100	U
1,2-Dichloropropane	75	U	m,p-Xylene	100	U
Acetone	998	U	Diethyl ether	100	U
Carbon Disulfide	100	U	2-Hexanone	998	U
Tetrahydrofuran	499	U	Methyl isobutyl ketone	998	U
Methyl ethyl ketone	998	U	Di-isopropyl ether (DIPE)	100	U
t-Butyl alcohol (TBA)	2000	U	Ethyl t-butyl ether (ETBE)	100	U
t-Amyl methyl ether (TAME)	100	U			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	93	%	d8-Toluene	101	%	Bromofluorobenzene	100	%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B.

COMMENTS: Results are expressed on a dry weight basis. Sample collection and analysis in accordance with SW-846 method 5035A.

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August 7, 2007

SAMPLE DATA

Lab Sample ID:	59283-5
Matrix:	Solid
Percent Solid:	87
Dilution Factor:	1.1
Collection Date:	07/24/07
Lab Receipt Date:	07/25/07
Extraction Date:	07/26/07
Analysis Date:	07/27/07

CLIENT SAMPLE ID

Project Name:	1140 & 1150 Ivey Cline Road
Project Number:	071048
Field Sample ID:	SB107-S1-072407

ANALYTICAL RESULTS SEMI-VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Naphthalene	280	U
Acenaphthylene	280	U
Acenaphthene	280	U
Fluorene	280	U
Phenanthrene	280	U
Anthracene	280	U
Fluoranthene	280	U
Pyrene	280	U
Benzo[a]anthracene	280	U
Chrysene	280	U
Benzo[b] fluoranthene	280	U
Benzo[k] fluoranthene	280	U
Benzo[a] pyrene	280	U
Dibenz [a,h] anthracene	280	U
Benzo(g,h,i) perylene	280	U
Indeno [1,2,3-cd] pyrene	280	U
2-Methylnaphthalene	280	U

Surrogate Standard Recovery

d5-nitrobenzene	47 %	2-Fluorobiphenyl	46 %	d14-p-terphenyl	75 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8270C.

COMMENTS: Results are expressed on a dry weight basis.

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PAH Report

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August 7, 2007

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: 1140 & 1150 Ivey Cline Road

Project Number: 071048

Field Sample ID: SB108-S2-072407

Lab Sample ID: 59283-6
Matrix: Solid
Percent Solid: 92
Dilution Factor: 98
Collection Date: 07/24/07
Lab Receipt Date: 07/25/07
Analysis Date: 07/30/07

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	98	U	1,3-Dichloropropane	98	U
Bromobenzene	98	U	cis-1,3-Dichloropropene	98	U
Bromochloromethane	98	U	trans-1,3-Dichloropropene	98	U
Bromodichloromethane	73	U	2,2-Dichloropropane	98	U
Bromoform	73	U	1,1-Dichloropropene	98	U
Bromomethane	98	U	Ethylbenzene	98	U
n-butylbenzene	98	U	Hexachlorobutadiene	98	U
sec-butylbenzene	98	U	Isopropylbenzene	98	U
tert-butylbenzene	98	U	p-isopropyltoluene	98	U
Carbon Tetrachloride	98	U	Methylene Chloride	488	U
Chlorobenzene	98	U	Methyl-tert-butyl ether (MTBE)	98	U
Chloroethane	98	U	Naphthalene	98	U
Chloroform	73	U	n-Propylbenzene	98	U
Chloromethane	98	U	Styrene	98	U
2-Chlorotoluene	98	U	1,1,1,2-Tetrachloroethane	98	U
4-Chlorotoluene	98	U	1,1,2,2-Tetrachloroethane	73	U
Dibromochloromethane	73	U	Tetrachloroethene	98	U
1,2-Dibromo-3-chloropropane	98	U	Toluene	98	U
1,2-Dibromoethane	73	U	1,2,3-Trichlorobenzene	98	U
Dibromomethane	98	U	1,2,4-Trichlorobenzene	98	U
1,2-Dichlorobenzene	98	U	1,1,1-Trichloroethane	98	U
1,3-Dichlorobenzene	98	U	1,1,2-Trichloroethane	73	U
1,4-Dichlorobenzene	98	U	Trichloroethene	98	U
Dichlorodifluoromethane	98	U	Trichlorofluoromethane	98	U
1,1-Dichloroethane	98	U	1,2,3-Trichloropropane	98	U
1,2-Dichloroethane	73	U	1,2,4-Trimethylbenzene	98	U
1,1-Dichloroethene	73	U	1,3,5-Trimethylbenzene	98	U
cis-1,2-Dichloroethene	98	U	Vinyl Chloride	98	U
trans-1,2-Dichloroethene	98	U	o-Xylene	98	U
1,2-Dichloropropane	73	U	m,p-Xylene	98	U
Acetone	976	U	Diethyl ether	98	U
Carbon Disulfide	98	U	2-Hexanone	976	U
Tetrahydrofuran	488	U	Methyl isobutyl ketone	976	U
Methyl ethyl ketone	976	U	Di-isopropyl ether (DIPE)	98	U
t-Butyl alcohol (TBA)	1950	U	Ethyl t-butyl ether (ETBE)	98	U
t-Amyl methyl ether (TAME)	98	U			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	89 %	d8-Toluene	98 %	Bromofluorobenzene	96 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B.

COMMENTS: Results are expressed on a dry weight basis. Sample collection and analysis in accordance with SW-846 method 5035A. Methanol was added at the laboratory to achieve a 1:1 soil to methanol ratio.

8260 full

Authorized signature

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. Andrew Bevan
Ransom Environmental Consultants, Inc.
195 Commerce Way
Portsmouth NH 03801

August 7, 2007

SAMPLE DATA

Lab Sample ID:	59283-6
Matrix:	Solid
Percent Solid:	92
Dilution Factor:	1.1
Collection Date:	07/24/07
Lab Receipt Date:	07/25/07
Extraction Date:	07/26/07
Analysis Date:	07/27/07

CLIENT SAMPLE ID

Project Name:	1140 & 1150 Ivey Cline Road
Project Number:	071048
Field Sample ID:	SB108-S2-072407

ANALYTICAL RESULTS SEMI-VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Naphthalene	270	U
Acenaphthylene	270	U
Acenaphthene	270	U
Fluorene	270	U
Phenanthrene	270	U
Anthracene	270	U
Fluoranthene	270	U
Pyrene	270	U
Benzo[a]anthracene	270	U
Chrysene	270	U
Benzo[b] fluoranthene	270	U
Benzo[k] fluoranthene	270	U
Benzo[a] pyrene	270	U
Dibenz [a,h] anthracene	270	U
Benzo(g,h,i) perylene	270	U
Indeno [1,2,3-cd] pyrene	270	U
2-Methylnaphthalene	270	U

Surrogate Standard Recovery

d5-nitrobenzene	47 %	2-Fluorobiphenyl	47 %	d14-p-terphenyl	77 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8270C.

COMMENTS: Results are expressed on a dry weight basis.

Authorized signature

PAH Report

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. Andrew Bevan
Ransom Environmental Consultants, Inc.
195 Commerce Way
Portsmouth NH 03801

August 7, 2007

SAMPLE DATA

Lab Sample ID: 59283-7
Matrix: Solid
Percent Solid: 100
Dilution Factor: 100
Collection Date: 07/24/07
Lab Receipt Date: 07/25/07
Analysis Date: 07/30/07

CLIENT SAMPLE ID

Project Name: 1140 & 1150 Ivey Cline Road

Project Number: 071048

Field Sample ID: Trip Blank

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	100	U	1,3-Dichloropropane	100	U
Bromobenzene	100	U	cis-1,3-Dichloropropene	100	U
Bromochloromethane	100	U	trans-1,3-Dichloropropene	100	U
Bromodichloromethane	75	U	2,2-Dichloropropane	100	U
Bromoform	75	U	1,1-Dichloropropene	100	U
Bromomethane	100	U	Ethylbenzene	100	U
n-butylbenzene	100	U	Hexachlorobutadiene	100	U
sec-butylbenzene	100	U	Isopropylbenzene	100	U
tert-butylbenzene	100	U	p-isopropyltoluene	100	U
Carbon Tetrachloride	100	U	Methylene Chloride	500	U
Chlorobenzene	100	U	Methyl-tert-butyl ether (MTBE)	100	U
Chloroethane	100	U	Naphthalene	100	U
Chloroform	75	U	n-Propylbenzene	100	U
Chloromethane	100	U	Styrene	100	U
2-Chlorotoluene	100	U	1,1,1,2-Tetrachloroethane	100	U
4-Chlorotoluene	100	U	1,1,2,2-Tetrachloroethane	75	U
Dibromochloromethane	75	U	Tetrachloroethene	100	U
1,2-Dibromo-3-chloropropane	100	U	Toluene	100	U
1,2-Dibromoethane	75	U	1,2,3-Trichlorobenzene	100	U
Dibromomethane	100	U	1,2,4-Trichlorobenzene	100	U
1,2-Dichlorobenzene	100	U	1,1,1-Trichloroethane	100	U
1,3-Dichlorobenzene	100	U	1,1,2-Trichloroethane	75	U
1,4-Dichlorobenzene	100	U	Trichloroethene	100	U
Dichlorodifluoromethane	100	U	Trichlorofluoromethane	100	U
1,1-Dichloroethane	100	U	1,2,3-Trichloropropane	100	U
1,2-Dichloroethane	75	U	1,2,4-Trimethylbenzene	100	U
1,1-Dichloroethene	75	U	1,3,5-Trimethylbenzene	100	U
cis-1,2-Dichloroethene	100	U	Vinyl Chloride	100	U
trans-1,2-Dichloroethene	100	U	o-Xylene	100	U
1,2-Dichloropropane	75	U	m,p-Xylene	100	U
Acetone	1000	U	Diethyl ether	100	U
Carbon Disulfide	100	U	2-Hexanone	1000	U
Tetrahydrofuran	500	U	Methyl isobutyl ketone	1000	U
Methyl ethyl ketone	1000	U	Di-isopropyl ether (DIPE)	100	U
t-Butyl alcohol (TBA)	2000	U	Ethyl t-butyl ether (ETBE)	100	U
t-Amyl methyl ether (TAME)	100	U			

Surrogate Standard Recovery

d4-1,2-Dichloroethane	93 %	d8-Toluene	97 %	Bromofluorobenzene	98 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B.

COMMENTS: Results are expressed on a dry weight basis. Sample collection and analysis in accordance with SW-846 method 5035A.

8260 full

Authorized signature

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 2, 10/01/03

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 5°C
3) Received in good condition Y or N
4) pH checked by: N/A
5) Labels checked by: SHC 7/25/07

Project#: 071048 Proj. Name: 1140 & 1150 Ivey Cline Road
Company: RANSOM Environmental Consultants, Inc.
Contact: Andrew Bevan
Address: 195 Commerce Way Suite D
Portsmouth, NH 03802-0433
Phone: 436-1490 PO# 5249 Quote #
Sampler (Signature): Elsbeth Sawell

Matrix Key:
WW=Wastewater
SW=Surfacewater
GW=Groundwater
DW=Drinkingwater
S=Soil/Sludge
O=Oil
X=Other

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Preservation: Unpres	4°C	HNO3	H2SO4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
101-S1-072407	7/24/07	9:20	8260B		✓				✓		S	2	G		59283-1
101-S1-072407	7/24/07	9:20	8270C-SVOCs		✓						S	1	G		
104-S1-072407	7/24/07	10:00	8260B		✓				✓		S	2	G		-2
104-S1-072407	7/24/07	10:00	8270C-SVOCs		✓						S	1	G		
105-S1-072407	7/24/07	10:20	8260B		✓				✓		S	2	G		-3
105-S1-072407	7/24/07	10:20	8270C-SVOCs		✓						S	1	G		
106-S1-072407	7/24/07	10:40	8260B		✓				✓		S	2	G		-4
106-S1-072407	7/24/07	10:40	8270C-SVOCs		✓						S	2	G		
107-S1-072407	7/24/07	11:05	8260B		✓				✓		S	2	G		-5
107-S1-072407	7/24/07	11:05	8270C-SVOCs		✓						S	1	G		
108-S2-072407	7/24/07	11:40	8260B		✓				✓		S	2	G		-6
108-S2-072407	7/24/07	11:40	8270C-SVOCs		✓						S	1	G		

Email RESULTS? YES NO
Email
Fax RESULTS? YES NO
Fax #

Comments / Instructions:
7/26/07 Per Elsbeth @ Ransom 8270-SVOC = PAH ONLY on all samples

Turnaround Request
Standard ☒ Priority ☐
Due Date Due Date

Client Code: RANSOMP

Relinquished By Sampler:	Relinquished By:	Relinquished By:
Elsbeth Sawell	Fed Ex	
Date: 7/24/07	Date: 7/25/07	Date:
Time:	Time: 1010	Time:
Received By: Fed Ex	Received By: Alison Taylor	Received By:

Chain Of Custody Form

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, NH 03801
Phone (603) 436-5111
Fax (603) 430-2151

For Analytics Use Only Rev. 2, 10/01/03

Samples were:
1) Shipped or hand-delivered
2) Temp blank °C 5°C
3) Received in good condition (Y) or N
4) pH checked by: N/A
5) Labels checked by: SH 7/25/07

Project#: 07/048 Proj. Name:
Company: RANSOM Environmental Consultants, Inc.
Contact: Andrew Bowen
Address: 195 Commerce Way Suite D
Portsmouth, NH 03802-0433
Phone: 436-1490 PO# Quote #
Sampler (Signature): Ashleth Lowell

Matrix Key:
WW=Wastewater
SW=Surfacewater
GW=Groundwater
DW=Drinkingwater
S=Soil/Sludge
O=Oil
X=Other

Container Key
P=plastic G=glass

Station Identification	Sample Date	Sample Time	Analysis	Unpres	4°C	HNO3	H2SO4	HCL	Methanol	Other	Matrix	Container number/type		pH	Analytics Sample #
Trip Blank			8260B		Y				X			1	G		59283-7

Email RESULTS? YES NO
Email
Fax RESULTS? YES NO
Fax #

Comments / Instructions:

Turnaround Request
Standard ☒ Priority ☐
Due Date Due Date

Client Code: RANSOMP

Page 2 of 2

Relinquished By Sampler:	Relinquished By:	Relinquished By:
Ashleth Lowell	Fed Ex	
Date: 7/24/07	Date: 7/25/07	Date:
Time:	Time: 1010	Time:
	Received By: Fed Ex	Received By: Lisa Tandy

Analytics\AEL Documents\AEL COC

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

August 14, 2007

Ms. Charlene Smith
Ransom
Brown's Wharf
Newburyport, MA 01950

RE: Lab Project Number: 92150375
Client Project ID: 1136-1150 IVEY CLINE RD

Dear Ms. Smith:

Enclosed are the analytical results for sample(s) received by the laboratory on August 7, 2007. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Inorganic Wet Chemistry and Metals Analyses were performed at our Pace Asheville laboratory and Organic testing was performed at our Pace Charlotte laboratory unless otherwise footnoted.

The results relate only to samples in this report.

If you have any questions concerning this report please feel free to contact me.

Sincerely,

Renee Doggett

Renee Doggett
Renee.Doggett@pacelabs.com
(704) 875-9092 ext. 241
Project Manager

Enclosures

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Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Lab Project Number: 92150375
Client Project ID: 1136-1150 IVEY CLINE RD

Lab Sample No: 928728096 Project Sample Number: 92150375-001 Date Collected: 08/07/07 09:31
Client Sample ID: WELL HEAD Matrix: Water Date Received: 08/07/07 12:00

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Chlorobenzene	ND	ug/l	5.0	08/08/07 19:37	MCK	108-90-7		
Chloroethane	ND	ug/l	10.	08/08/07 19:37	MCK	75-00-3		
Chloroform	ND	ug/l	5.0	08/08/07 19:37	MCK	67-66-3		
Chloromethane	ND	ug/l	5.0	08/08/07 19:37	MCK	74-87-3		
2-Chlorotoluene	ND	ug/l	5.0	08/08/07 19:37	MCK	95-49-8		
4-Chlorotoluene	ND	ug/l	5.0	08/08/07 19:37	MCK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/l	5.0	08/08/07 19:37	MCK	96-12-8		
Dibromochloromethane	ND	ug/l	5.0	08/08/07 19:37	MCK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/l	5.0	08/08/07 19:37	MCK	106-93-4		
Dibromomethane	ND	ug/l	5.0	08/08/07 19:37	MCK	74-95-3		
1,2-Dichlorobenzene	ND	ug/l	5.0	08/08/07 19:37	MCK	95-50-1		
1,3-Dichlorobenzene	ND	ug/l	5.0	08/08/07 19:37	MCK	541-73-1		
1,4-Dichlorobenzene	ND	ug/l	5.0	08/08/07 19:37	MCK	106-46-7		
Dichlorodifluoromethane	ND	ug/l	5.0	08/08/07 19:37	MCK	75-71-8		
1,1-Dichloroethane	ND	ug/l	5.0	08/08/07 19:37	MCK	75-34-3		
1,2-Dichloroethane	ND	ug/l	5.0	08/08/07 19:37	MCK	107-06-2		
1,1-Dichloroethene	ND	ug/l	5.0	08/08/07 19:37	MCK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/l	5.0	08/08/07 19:37	MCK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/l	5.0	08/08/07 19:37	MCK	156-60-5		
1,2-Dichloropropane	ND	ug/l	5.0	08/08/07 19:37	MCK	78-87-5		
1,3-Dichloropropane	ND	ug/l	5.0	08/08/07 19:37	MCK	142-28-9		
2,2-Dichloropropane	ND	ug/l	5.0	08/08/07 19:37	MCK	594-20-7		
1,1-Dichloropropene	ND	ug/l	5.0	08/08/07 19:37	MCK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/l	5.0	08/08/07 19:37	MCK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/l	5.0	08/08/07 19:37	MCK	10061-02-6		
Diisopropyl ether	ND	ug/l	5.0	08/08/07 19:37	MCK	108-20-3		
Ethylbenzene	ND	ug/l	5.0	08/08/07 19:37	MCK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/l	5.0	08/08/07 19:37	MCK	87-68-3		
2-Hexanone	ND	ug/l	10.	08/08/07 19:37	MCK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/l	5.0	08/08/07 19:37	MCK	98-82-8		
p-Isopropyltoluene	ND	ug/l	5.0	08/08/07 19:37	MCK	99-87-6		
Methylene chloride	ND	ug/l	5.0	08/08/07 19:37	MCK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/l	10.	08/08/07 19:37	MCK	108-10-1		
Methyl-tert-butyl ether	ND	ug/l	5.0	08/08/07 19:37	MCK	1634-04-4		
Naphthalene	ND	ug/l	5.0	08/08/07 19:37	MCK	91-20-3		
n-Propylbenzene	ND	ug/l	5.0	08/08/07 19:37	MCK	103-65-1		
Styrene	ND	ug/l	5.0	08/08/07 19:37	MCK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/l	5.0	08/08/07 19:37	MCK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/l	5.0	08/08/07 19:37	MCK	79-34-5		

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC Environmental 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
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Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Lab Project Number: 92150375
Client Project ID: 1136-1150 IVEY CLINE RD

Lab Sample No: 928728096 Project Sample Number: 92150375-001 Date Collected: 08/07/07 09:31
Client Sample ID: WELL HEAD Matrix: Water Date Received: 08/07/07 12:00

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
Tetrachloroethene	ND	ug/l	5.0	08/08/07 19:37	MCK	127-18-4		
Toluene	ND	ug/l	5.0	08/08/07 19:37	MCK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/l	5.0	08/08/07 19:37	MCK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/l	5.0	08/08/07 19:37	MCK	120-82-1		
1,1,1-Trichloroethane	ND	ug/l	5.0	08/08/07 19:37	MCK	71-55-6		
1,1,2-Trichloroethane	ND	ug/l	5.0	08/08/07 19:37	MCK	79-00-5		
Trichloroethene	ND	ug/l	5.0	08/08/07 19:37	MCK	79-01-6		
Trichlorofluoromethane	ND	ug/l	10.	08/08/07 19:37	MCK	75-69-4		
1,2,3-Trichloropropane	ND	ug/l	5.0	08/08/07 19:37	MCK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/l	5.0	08/08/07 19:37	MCK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/l	5.0	08/08/07 19:37	MCK	108-67-8		
Vinyl acetate	ND	ug/l	10.	08/08/07 19:37	MCK	108-05-4		
Vinyl chloride	ND	ug/l	5.0	08/08/07 19:37	MCK	75-01-4		
m&p-Xylene	ND	ug/l	10.	08/08/07 19:37	MCK			
o-Xylene	ND	ug/l	5.0	08/08/07 19:37	MCK	95-47-6		
Toluene-d8 (S)	100	%		08/08/07 19:37	MCK	2037-26-5		
4-Bromofluorobenzene (S)	96	%		08/08/07 19:37	MCK	460-00-4		
Dibromofluoromethane (S)	98	%		08/08/07 19:37	MCK	1868-53-7		
1,2-Dichloroethane-d4 (S)	99	%		08/08/07 19:37	MCK	17060-07-0		

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC Environmental 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
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Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Lab Project Number: 92150375
Client Project ID: 1136-1150 IVEY CLINE RD

PARAMETER FOOTNOTES

Method 9071B modified to use ASE.

All pH, Free Chlorine, Total Chlorine and Ferrous Iron analyses conducted outside of EPA recommended immediate hold time.

Depending on the moisture content the PRLs can be elevated for all soil samples reported on a dry weight basis.

2-Chloroethyl vinyl ether has been shown to degrade in the presence of acid.

ND	Not detected at or above adjusted reporting limit
NC	Not Calculable
J	Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MDL	Adjusted Method Detection Limit
(S)	Surrogate

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC Environmental 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
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Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

QUALITY CONTROL DATA

Lab Project Number: 92150375
Client Project ID: 1136-1150 IVEY CLINE RD

QC Batch: 196466 Analysis Method: EPA 8270
QC Batch Method: EPA 3535 Analysis Description: Semivolatile Organics
Associated Lab Samples: 928728096

METHOD BLANK: 928729615
Associated Lab Samples: 928728096

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Acenaphthene	ug/l	ND	10.	
Acenaphthylene	ug/l	ND	10.	
Anthracene	ug/l	ND	10.	
Benzo(k)fluoranthene	ug/l	ND	10.	
Benzo(b)fluoranthene	ug/l	ND	10.	
Benzo(a)anthracene	ug/l	ND	10.	
Benzo(g,h,i)perylene	ug/l	ND	10.	
Benzo(a)pyrene	ug/l	ND	10.	
Chrysene	ug/l	ND	10.	
Dibenz(a,h)anthracene	ug/l	ND	10.	
Fluoranthene	ug/l	ND	10.	
Fluorene	ug/l	ND	10.	
Indeno(1,2,3-cd)pyrene	ug/l	ND	10.	
1-Methylnaphthalene	ug/l	ND	10.	
2-Methylnaphthalene	ug/l	ND	10.	
Naphthalene	ug/l	ND	10.	
Phenanthrene	ug/l	ND	10.	
Pyrene	ug/l	ND	10.	
Nitrobenzene-d5 (S)	%	24		
2-Fluorobiphenyl (S)	%	51		
Terphenyl-d14 (S)	%	86		

LABORATORY CONTROL SAMPLE & LCSD: 928729623 928729631

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	RPD	Footnotes
Acenaphthene	ug/l	50.00	39.70	25.68	79	51	43	1
Acenaphthylene	ug/l	50.00	40.76	25.02	82	50	48	1
Anthracene	ug/l	50.00	40.08	24.99	80	50	46	1
Benzo(k)fluoranthene	ug/l	50.00	44.33	26.79	89	54	49	1

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC Environmental 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS
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Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

QUALITY CONTROL DATA

Lab Project Number: 92150375
Client Project ID: 1136-1150 IVEY CLINE RD

LABORATORY CONTROL SAMPLE & LCSD: 928729623 928729631

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	RPD	Footnotes
Benzo(b)fluoranthene	ug/l	50.00	41.92	26.97	84	54	43	1
Benzo(a)anthracene	ug/l	50.00	40.17	25.08	80	50	46	1
Benzo(g,h,i)perylene	ug/l	50.00	40.21	23.30	80	47	53	1
Benzo(a)pyrene	ug/l	50.00	42.02	25.70	84	51	48	1
Chrysene	ug/l	50.00	40.80	25.56	82	51	46	1
Dibenz(a,h)anthracene	ug/l	50.00	41.34	25.36	83	51	48	1
Fluoranthene	ug/l	50.00	35.31	22.41	71	45	45	1
Fluorene	ug/l	50.00	41.21	26.32	82	53	44	1
Indeno(1,2,3-cd)pyrene	ug/l	50.00	40.67	25.14	81	50	47	1
1-Methylnaphthalene	ug/l	50.00	50.32	27.97	101	56	57	1
2-Methylnaphthalene	ug/l	50.00	42.81	22.39	86	45	63	1
Naphthalene	ug/l	50.00	39.41	18.55	79	37	72	1
Phenanthrene	ug/l	50.00	37.97	23.10	76	46	49	1
Pyrene	ug/l	50.00	42.43	27.88	85	56	41	1
Nitrobenzene-d5 (S)					41	19		2
2-Fluorobiphenyl (S)					74	45		
Terphenyl-d14 (S)					89	59		

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Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

QUALITY CONTROL DATA

Lab Project Number: 92150375
Client Project ID: 1136-1150 IVEY CLINE RD

QC Batch: 196523 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: GC/MS VOCs by 8260
Associated Lab Samples: 928728096

METHOD BLANK: 928732635
Associated Lab Samples: 928728096

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Acetone	ug/l	ND	25.	
Benzene	ug/l	ND	5.0	
Bromobenzene	ug/l	ND	5.0	
Bromochloromethane	ug/l	ND	5.0	
Bromodichloromethane	ug/l	ND	5.0	
Bromoform	ug/l	ND	5.0	
Bromomethane	ug/l	ND	5.0	
2-Butanone (MEK)	ug/l	ND	10.	
n-Butylbenzene	ug/l	ND	5.0	
sec-Butylbenzene	ug/l	ND	5.0	
tert-Butylbenzene	ug/l	ND	5.0	
Carbon tetrachloride	ug/l	ND	5.0	
Chlorobenzene	ug/l	ND	5.0	
Chloroethane	ug/l	ND	10.	
Chloroform	ug/l	ND	5.0	
Chloromethane	ug/l	ND	5.0	
2-Chlorotoluene	ug/l	ND	5.0	
4-Chlorotoluene	ug/l	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/l	ND	5.0	
Dibromochloromethane	ug/l	ND	5.0	
1,2-Dibromoethane (EDB)	ug/l	ND	5.0	
Dibromomethane	ug/l	ND	5.0	
1,2-Dichlorobenzene	ug/l	ND	5.0	
1,3-Dichlorobenzene	ug/l	ND	5.0	
1,4-Dichlorobenzene	ug/l	ND	5.0	
Dichlorodifluoromethane	ug/l	ND	5.0	
1,1-Dichloroethane	ug/l	ND	5.0	
1,2-Dichloroethane	ug/l	ND	5.0	
1,1-Dichloroethene	ug/l	ND	5.0	
cis-1,2-Dichloroethene	ug/l	ND	5.0	
trans-1,2-Dichloroethene	ug/l	ND	5.0	

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QUALITY CONTROL DATA

Lab Project Number: 92150375
Client Project ID: 1136-1150 IVEY CLINE RD

METHOD BLANK: 928732635
Associated Lab Samples: 928728096

Parameter	Units	Blank Result	Reporting Limit	Footnotes
1,2-Dichloropropane	ug/l	ND	5.0	
1,3-Dichloropropane	ug/l	ND	5.0	
2,2-Dichloropropane	ug/l	ND	5.0	
1,1-Dichloropropene	ug/l	ND	5.0	
cis-1,3-Dichloropropene	ug/l	ND	5.0	
trans-1,3-Dichloropropene	ug/l	ND	5.0	
Diisopropyl ether	ug/l	ND	5.0	
Ethylbenzene	ug/l	ND	5.0	
Hexachloro-1,3-butadiene	ug/l	ND	5.0	
2-Hexanone	ug/l	ND	10.	
Isopropylbenzene (Cumene)	ug/l	ND	5.0	
p-Isopropyltoluene	ug/l	ND	5.0	
Methylene chloride	ug/l	ND	5.0	
4-Methyl-2-pentanone (MIBK)	ug/l	ND	10.	
Methyl-tert-butyl ether	ug/l	ND	5.0	
Naphthalene	ug/l	ND	5.0	
n-Propylbenzene	ug/l	ND	5.0	
Styrene	ug/l	ND	5.0	
1,1,1,2-Tetrachloroethane	ug/l	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/l	ND	5.0	
Tetrachloroethene	ug/l	ND	5.0	
Toluene	ug/l	ND	5.0	
1,2,3-Trichlorobenzene	ug/l	ND	5.0	
1,2,4-Trichlorobenzene	ug/l	ND	5.0	
1,1,1-Trichloroethane	ug/l	ND	5.0	
1,1,2-Trichloroethane	ug/l	ND	5.0	
Trichloroethene	ug/l	ND	5.0	
Trichlorofluoromethane	ug/l	ND	10.	
1,2,3-Trichloropropane	ug/l	ND	5.0	
1,2,4-Trimethylbenzene	ug/l	ND	5.0	
1,3,5-Trimethylbenzene	ug/l	ND	5.0	
Vinyl acetate	ug/l	ND	10.	
Vinyl chloride	ug/l	ND	5.0	
m&p-Xylene	ug/l	ND	10.	
o-Xylene	ug/l	ND	5.0	
Toluene-d8 (S)	%	100		

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QUALITY CONTROL DATA

Lab Project Number: 92150375
Client Project ID: 1136-1150 IVEY CLINE RD

METHOD BLANK: 928732635
Associated Lab Samples: 928728096

Parameter	Units	Blank Result	Reporting Limit	Footnotes
4-Bromofluorobenzene (S)	%	96		
Dibromofluoromethane (S)	%	99		
1,2-Dichloroethane-d4 (S)	%	100		

LABORATORY CONTROL SAMPLE: 928732643

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Acetone	ug/l	100.00	127.1	127	
Benzene	ug/l	50.00	57.75	116	
Bromobenzene	ug/l	50.00	57.51	115	
Bromochloromethane	ug/l	50.00	55.80	112	
Bromodichloromethane	ug/l	50.00	60.82	122	
Bromoform	ug/l	50.00	58.50	117	
Bromomethane	ug/l	50.00	63.87	128	
2-Butanone (MEK)	ug/l	100.00	113.0	113	
n-Butylbenzene	ug/l	50.00	64.00	128	
sec-Butylbenzene	ug/l	50.00	59.70	119	
tert-Butylbenzene	ug/l	50.00	57.46	115	
Carbon tetrachloride	ug/l	50.00	64.27	129	
Chlorobenzene	ug/l	50.00	59.10	118	
Chloroethane	ug/l	50.00	54.90	110	
Chloroform	ug/l	50.00	64.04	128	
Chloromethane	ug/l	50.00	47.98	96	
2-Chlorotoluene	ug/l	50.00	57.04	114	
4-Chlorotoluene	ug/l	50.00	58.97	118	
1,2-Dibromo-3-chloropropane	ug/l	50.00	47.52	95	
Dibromochloromethane	ug/l	50.00	57.34	115	
1,2-Dibromoethane (EDB)	ug/l	50.00	55.87	112	
Dibromomethane	ug/l	50.00	54.83	110	
1,2-Dichlorobenzene	ug/l	50.00	57.92	116	
1,3-Dichlorobenzene	ug/l	50.00	55.76	112	
1,4-Dichlorobenzene	ug/l	50.00	57.92	116	
Dichlorodifluoromethane	ug/l	50.00	52.81	106	
1,1-Dichloroethane	ug/l	50.00	60.43	121	

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QUALITY CONTROL DATA

Lab Project Number: 92150375
Client Project ID: 1136-1150 IVEY CLINE RD

LABORATORY CONTROL SAMPLE: 928732643

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
1,2-Dichloroethane	ug/l	50.00	56.68	113	
1,1-Dichloroethene	ug/l	50.00	73.36	147	3
cis-1,2-Dichloroethene	ug/l	50.00	62.97	126	
trans-1,2-Dichloroethene	ug/l	50.00	62.54	125	
1,2-Dichloropropane	ug/l	50.00	56.98	114	
1,3-Dichloropropane	ug/l	50.00	55.92	112	
2,2-Dichloropropane	ug/l	50.00	73.59	147	3
1,1-Dichloropropene	ug/l	50.00	62.89	126	
cis-1,3-Dichloropropene	ug/l	50.00	60.40	121	
trans-1,3-Dichloropropene	ug/l	50.00	60.40	121	
Diisopropyl ether	ug/l	50.00	60.62	121	
Ethylbenzene	ug/l	50.00	58.74	117	
Hexachloro-1,3-butadiene	ug/l	50.00	71.39	143	
2-Hexanone	ug/l	100.00	107.8	108	
Isopropylbenzene (Cumene)	ug/l	50.00	56.50	113	
p-Isopropyltoluene	ug/l	50.00	61.79	124	
Methylene chloride	ug/l	50.00	57.24	114	
4-Methyl-2-pentanone (MIBK)	ug/l	100.00	107.1	107	
Methyl-tert-butyl ether	ug/l	50.00	57.52	115	
Naphthalene	ug/l	50.00	62.68	125	
n-Propylbenzene	ug/l	50.00	57.84	116	
Styrene	ug/l	50.00	56.54	113	
1,1,1,2-Tetrachloroethane	ug/l	50.00	57.81	116	
1,1,2,2-Tetrachloroethane	ug/l	50.00	54.80	110	
Tetrachloroethene	ug/l	50.00	57.56	115	
Toluene	ug/l	50.00	57.06	114	
1,2,3-Trichlorobenzene	ug/l	50.00	67.72	135	3
1,2,4-Trichlorobenzene	ug/l	50.00	63.54	127	
1,1,1-Trichloroethane	ug/l	50.00	62.20	124	
1,1,2-Trichloroethane	ug/l	50.00	55.86	112	
Trichloroethene	ug/l	50.00	58.11	116	
Trichlorofluoromethane	ug/l	50.00	60.71	121	
1,2,3-Trichloropropane	ug/l	50.00	49.65	99	
1,2,4-Trimethylbenzene	ug/l	50.00	58.88	118	
1,3,5-Trimethylbenzene	ug/l	50.00	60.11	120	
Vinyl acetate	ug/l	100.00	130.9	131	
Vinyl chloride	ug/l	50.00	63.29	127	

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QUALITY CONTROL DATA

Lab Project Number: 92150375
Client Project ID: 1136-1150 IVEY CLINE RD

LABORATORY CONTROL SAMPLE: 928732643

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
m&p-Xylene	ug/l	100.00	116.9	117	
o-Xylene	ug/l	50.00	55.52	111	
Toluene-d8 (S)				100	
4-Bromofluorobenzene (S)				97	
Dibromofluoromethane (S)				104	
1,2-Dichloroethane-d4 (S)				105	

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Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Lab Project Number: 92150375
Client Project ID: 1136-1150 IVEY CLINE RD

Lab Sample No: 928728096 Project Sample Number: 92150375-001 Date Collected: 08/07/07 09:31
Client Sample ID: WELL HEAD Matrix: Water Date Received: 08/07/07 12:00

Parameters	Results	Units	Report Limit	Analyzed	By	CAS No.	Qual	RegLmt
GC/MS Semivolatiles								
Semivolatile Organics	Prep/Method: EPA 3535 / EPA 8270							
Acenaphthene	ND	ug/l	10.	08/11/07 00:44	BET	83-32-9		
Acenaphthylene	ND	ug/l	10.	08/11/07 00:44	BET	208-96-8		
Anthracene	ND	ug/l	10.	08/11/07 00:44	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/l	10.	08/11/07 00:44	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/l	10.	08/11/07 00:44	BET	205-99-2		
Benzo(a)anthracene	ND	ug/l	10.	08/11/07 00:44	BET	56-55-3		
Benzo(g,h,i)perylene	ND	ug/l	10.	08/11/07 00:44	BET	191-24-2		
Benzo(a)pyrene	ND	ug/l	10.	08/11/07 00:44	BET	50-32-8		
Chrysene	ND	ug/l	10.	08/11/07 00:44	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/l	10.	08/11/07 00:44	BET	53-70-3		
Fluoranthene	ND	ug/l	10.	08/11/07 00:44	BET	206-44-0		
Fluorene	ND	ug/l	10.	08/11/07 00:44	BET	86-73-7		
Indeno(1,2,3-cd)pyrene	ND	ug/l	10.	08/11/07 00:44	BET	193-39-5		
1-Methylnaphthalene	ND	ug/l	10.	08/11/07 00:44	BET	90-12-0		
2-Methylnaphthalene	ND	ug/l	10.	08/11/07 00:44	BET	91-57-6		
Naphthalene	ND	ug/l	10.	08/11/07 00:44	BET	91-20-3		
Phenanthrene	ND	ug/l	10.	08/11/07 00:44	BET	85-01-8		
Pyrene	ND	ug/l	10.	08/11/07 00:44	BET	129-00-0		
Nitrobenzene-d5 (S)	25	%		08/11/07 00:44	BET	4165-60-0		
2-Fluorobiphenyl (S)	47	%		08/11/07 00:44	BET	321-60-8		
Terphenyl-d14 (S)	62	%		08/11/07 00:44	BET	1718-51-0		
Date Extracted	08/07/07			08/07/07				
GC/MS Volatiles								
GC/MS VOCs by 8260	Method: EPA 8260							
Acetone	ND	ug/l	25.	08/08/07 19:37	MCK	67-64-1		
Benzene	ND	ug/l	5.0	08/08/07 19:37	MCK	71-43-2		
Bromobenzene	ND	ug/l	5.0	08/08/07 19:37	MCK	108-86-1		
Bromochloromethane	ND	ug/l	5.0	08/08/07 19:37	MCK	74-97-5		
Bromodichloromethane	ND	ug/l	5.0	08/08/07 19:37	MCK	75-27-4		
Bromoform	ND	ug/l	5.0	08/08/07 19:37	MCK	75-25-2		
Bromomethane	ND	ug/l	5.0	08/08/07 19:37	MCK	74-83-9		
2-Butanone (MEK)	ND	ug/l	10.	08/08/07 19:37	MCK	78-93-3		
n-Butylbenzene	ND	ug/l	5.0	08/08/07 19:37	MCK	104-51-8		
sec-Butylbenzene	ND	ug/l	5.0	08/08/07 19:37	MCK	135-98-8		
tert-Butylbenzene	ND	ug/l	5.0	08/08/07 19:37	MCK	98-06-6		
Carbon tetrachloride	ND	ug/l	5.0	08/08/07 19:37	MCK	56-23-5		

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Lab Project Number: 92150375
Client Project ID: 1136-1150 IVEY CLINE RD

QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines, unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

LCS(D)	Laboratory Control Sample (Duplicate)
MS(D)	Matrix Spike (Duplicate)
DUP	Sample Duplicate
ND	Not detected at or above adjusted reporting limit
NC	Not Calculable
J	Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MDL	Adjusted Method Detection Limit
RPD	Relative Percent Difference
(S)	Surrogate
[1]	RPD value was outside control limits, however both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
[2]	Base/neutral surrogate recovery outside of control limits. The data was accepted based on valid recovery of remaining two base/neutral surrogates.
[3]	Recovery falls outside of QC limits, however, this compound is not found in the associated samples.

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

1044179

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Ranson Environmental	Report To: Andrew L. Bevan	Attention:
Address	Copy To:	Company Name:
		Address:
Email To:	Purchase Order No.:	Pace Quote Reference:
Phone / Fax	Project Name: 1136-1150 Ivey Cline Rd CONCORD, NC	Pace Project Manager: LRD
Requested Due Date/TAT:	Project Number:	Pace Profile #: 4402-1

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ Other_____

SITE LOCATION ☐GA ☐IL ☐IN ☐MI ☐MN ☒NC ☐OH ☐SC ☐WI ☐OTHER _____

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / .-) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Filtered (Y/N)	Requested Analysis: 8260 8270	Residual Chlorine (Y/N)	Pace Project Number / Lab I.D
1	Well Head	WT	G	—		8/7/07	0931	–	5	2			3						XX		92870896
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Preservatives

Pace Project Number 92150375

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
J Quattieri	8/7/07	1200	[illegible]	8/7/07	12:00

SAMPLE CONDITION

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
3.0	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

Additional Comments:

NOTE: UNABLE to sample septic system. However, Appears to be 2 septic systems one for commerical property one for residential property.

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: J. Quattieri

SIGNATURE of SAMPLER: J Quattieri

DATE Signed (MM / DD / YY) 8/7/2007

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

ALLQ020rev.3,31Mar05

ATTACHMENT C

NC DENR Notification of an Inactive Hazardous Substance or Waste Disposal Site

Remedial Investigation/Phase II Limited Subsurface Investigations and
Remedial Action Completion Report
1136–1150 Ivey Cline Road
Concord, North Carolina
NC DENR Spill No. NONCD0002803

North Carolina Department of Environment and Natural Resources
Division of Waste Management
Superfund Section
Inactive Hazardous Sites Branch

NCDENR

NOTIFICATION OF AN INACTIVE HAZARDOUS SUBSTANCE OR WASTE DISPOSAL SITE

Please read instructions before completing and type or print in black ink.

I. SITE NAME AND LOCATION:

Site Name (one site per form) Ferree Property
Location (street address) 1140 and 1150 Ivey Cline Road
City Concord US EPA ID# (if known)
County Cabarrus
Directions to Site I 85, Exit 52, West on Poplar Tent Rd., .5 miles, left on Ivey Cline Rd., Property-Industrial Building on the right

Attach a USGS topographic map or map of equal or reasonably similar scale (1 inch = 2000 ft.) showing the location and vicinity of the site or facility. Label map with the site name.

II. PERSON COMPLETING FORM:

Name Edward E. Ferree
Mailing Address P.O. Box 427
City Saxonburg State PA Zip Code 16056
Telephone ( )

Present Owner
Past Owner
Present Operator X
Past Owner
Other
(specify)

III. PRESENT OWNER:

Individual Owner or Company Name
Edward E. and Gayle W. Ferree
Executive Officer
Mailing Address P.O. Box 427
City Saxonburg State PA Zip Code 16056
Telephone ( )

Corporation
Partnership
Individual X
Government Unit
Other
(specify)

IV. CURRENT SITE USE:

Check the item or items which describe the current use of the site.

Residential	___	Forest Land	___	Retirement Home	___
Business	___	Farm Land	___	Other	___
Industrial	X	School/Day Care	___	*(specify)* ___	
Pasture Land	___	Hospital	___		

V. ON-SITE RESIDENTS:

Are there any on-site residents? ___ Yes X No
Number of children (6 years old) living on site ___ Number of adults ___

VI. SURROUNDING PROPERTY USE:

Check the appropriate description of the area surrounding the site. (More than one may apply.)

Residential	X	Forest Land	___	Retirement Home	___
Business	___	Farm Land	___	Other	X
Industrial	X	School/Day Care	___	*(specify)* Airport	
Pasture Land	___	Hospital	___		

VII. SITE OPERATIONS *(MORE THAN ONE MAY APPLY.)*:

		Current	Previous
1.	Mining	___	___
2.	Paper and wood production	___	___
3.	Textiles	___	___
4.	Fertilizer	___	___
5.	Printing/painting	___	___
6.	Leather tanning	___	___
7.	Iron/steel foundry	___	___
8.	Chemical, general	___	___
9.	Plating/polishing	___	___
10.	Military/ammunition	___	___
11.	Firing range	___	___
12.	Rubber/plastics	___	___
13.	Utility companies/transformers	___	___
14.	Sanitary/refuse	___	___
15.	Photo finishing	___	___
16.	Lab/hospital	___	___
17.	Wood treating	___	___
18.	Battery reclamation	___	___
19.	Pesticides formulation, packaging and/or distribution	___	___
20.	Herbicide formulation, packaging and/or distribution	___	___
21.	Other agrichemical formulation, packaging and/or distribution	___	___
22.	Dry cleaning	___	___
23.	Petrochemical processing or refining	___	___
24.	Furniture manufacturing or finishing	___	___
25.	Drum reconditioning	___	___
26.	Unknown	___	___
27.	Other (specify) fabrication	___	X

VIII. ENVIRONMENTAL PERMITS:

List all previous and current environmental permits below.

Type of Permit (e.g. landfill, nondischarge, etc.)	Past Present (circle one)	Permit Number	Date Issued	Issuing Agency
None known	Past Present			
	Past Present			
	Past Present			
	Past Present			
	Past Present			
	Past Present			
	Past Present			

IX. KNOWN OR SUSPECTED RELEASES OF HAZARDOUS SUBSTANCES OR WASTE TO THE ENVIRONMENT:

List all on-site spills, disposals and other releases of hazardous substances or materials containing hazardous substances.

Material/ Chemical Released (Known and suspected)	Physical State of Material (Use codes below)	Approx. Volume Released	Date of Released	Suspected Contaminants (Use codes below)	Source of Release (e.g. tank, buried drums, landfill product spill, etc.)	Known or Suspected Contamination: Ground water	Surface Water	Sediment	Soil
VOCs	L	Unknown	O, W	Ast(?)					K
PAHs	L	Unknown	O, W	Ast(?)					K

Physical State Codes

G	-	Containerized Gas
L	-	Liquid
S	-	Solid/Powder
Sl	-	Sludge

Codes for Suspected Contaminants

A	-	Acids	D	-	Dioxins
Ab	-	Asbestos	M	-	Metals
Am	-	Ammonia	Mu	-	Mixed Municipal Waste
B	-	Base	O	-	Organic Chemicals
C	-	Cyanide	P	-	PCBs
			Pe	-	Petroleum Products
			PS	-	Pesticides
			W	-	Waste Oil

CHAR2\0048446v2

	Present on Site		Present on Adjacent Property	
	Yes	No	Yes	No
Spring		X		X
Well	X			X
Surface Water Intake		X		X

XV. SITE SURFACE WATER:

Indicate whether any surface water bodies (e.g. streams and lakes) exist on the site or the property adjacent to the site.

None

XVi. CERTIFICATION AND SIGNATURE:

I certify that to the best of my knowledge and belief, the information supplied on this form is complete and accurate.

Signature _____ Date 11/15/07

Name and Title (Type or print) Edward Ferree ~owner

Mailing Address P.O. Box 427
Saltsburg

CHAR2\1648446v2

ATTACHMENT D

Supplemental Phase II Limited Subsurface Investigation Report

Remedial Investigation/Phase II Limited Subsurface Investigations and
Remedial Action Completion Report
1136–1150 Ivey Cline Road
Concord, North Carolina
NC DENR Spill No. NONCD0002803

Ransom Environmental Consultants, Inc.
Project 071048

December 6, 2007 Project 071048

Ms. Patricia Talcott
Hale Trailer Brake & Wheel, Inc.
Route 73 and Cooper Road
Voorhees, New Jersey 08043

RE: Results of Supplemental Phase II Limited Subsurface Investigation
1136–1150 Ivey Cline Road
Concord, North Carolina

Dear Ms. Talcott:

On behalf of Hale Trailer Brake & Wheel (Hale Trailer), Ransom Environmental Consultants, Inc. (Ransom) has prepared this letter summarizing the results of the Supplemental Phase II Limited Subsurface Investigation (LSI) performed at the above-referenced property in Concord, North Carolina (the Site).

The objectives of this supplemental LSI were to evaluate whether or not a significant release of oil or hazardous material (OHM) associated with an abandoned fuel oil underground storage tank (UST) adjacent to the on-site residence has occurred, and to evaluate whether or not potential releases or discharges of OHM stemming from activities conducted inside the fabrication building have entered the septic system and have adversely impacted the subsurface environment. A Site Location Map and a Site Plan are provided as Figures 1 and 2, respectively.

EXECUTIVE SUMMARY

Ransom conducted a supplemental Phase II LSI that consisted of the advancement of five soil borings, collection and field-screening of soil samples, and the chemical analysis of selected soil samples. The investigation also included the sampling and analysis of the septic system that services the on-site fabrication building. The objectives of this investigation were (1) to evaluate whether or not a significant release of OHM associated with an abandoned fuel oil UST adjacent to the on-site residence has occurred, and (2) to evaluate whether or not potential releases or discharges of OHM stemming from activities conducted inside the fabrication building have entered the septic system and have adversely impacted the subsurface environment.

Based on the chemical analysis data results obtained as part of this investigation, no contaminants of concern were detected at concentrations above laboratory reporting limits. Therefore, a North Carolina Department of Environment and Natural Resources (NC DENR) reporting obligation does not currently exist with respect to the supplemental LSI investigation of the on-site septic system or abandoned UST.

Brown's Wharf, Newburyport, Massachusetts 01950, Tel (978) 465-1822, Fax (978) 465-2986
400 Commercial Street, Suite 404, Portland, Maine 04101, Tel (207) 772-2891
195 Commerce Way, Suite D, Portsmouth, New Hampshire 03801, Tel (603) 436-1490
2127 Hamilton Avenue, Hamilton, New Jersey 08619, Tel (609) 584-0090
1445 Wampanoag Trail, Suite 108A, East Providence, Rhode Island 02915, Tel (401) 433-2160

www.ransomenv.com

According to NC DENR regulations, the abandoned UST at the Site is considered a "non-regulated UST" and is not subject to the North Carolina UST closure requirements as provided by the NC DENR's "Underground Storage Tank Section, Guidelines for Site Checks, Tank Closure, and Initial Response and Abatement" dated March 1, 2007 (15A NCAC 2N .0800). Non-regulated USTs (e.g., home heating oil USTs) are not required to be removed from the ground or closed under specific State requirements or procedures. However, since the scope of the proposed Site redevelopment project includes the demolition of the on-site residence, Ransom recommends that the UST be removed prior to, or in conjunction with, demolition activities.

During the tank removal process, Ransom also recommends that the structural integrity of the tank should be further evaluated and that soil and/or ground water samples should be collected following its removal for confirmatory analysis. It should be noted that if contamination is identified in connection with the UST during removal operations, the property owner will likely be obligated to report the contamination to the NC DENR.

It is noted that although a NC DENR reporting obligation was not identified in connection with the septic system or abandoned UST, the NC DENR has been notified of the petroleum-stained soil located behind the on-site fabrication building, and will require remediation in accordance with applicable regulations.

SITE DESCRIPTION AND BACKGROUND

The Site consists of two parcels of land encompassing 6.79 acres. The Site is currently improved by a residence with detached garage (constructed circa 1968) and an unoccupied 15,500-square-foot garage building formerly utilized as a racecar fabrication facility (constructed circa 1992). Ransom understands that vehicle maintenance and/or repair services were not conducted in the racecar fabrication facility. Portions of the Site not covered by the footprints of the Site buildings consist of paved and gravel driveways and parking areas, and landscaped areas. Prior to the construction of the existing Site buildings, available historical information suggests the Site was undeveloped, vacant land.

In August 2007, Ransom conducted a targeted LSI at the Site that consisted of the advancement of eight soil borings, the collection and laboratory chemical analysis of selected soil samples, and the collection and laboratory analysis of a water sample from an on-site drinking water supply well. The purpose of the LSI was to evaluate the nature and extent of petroleum-stained soil behind the on-site commercial fabrication building observed during the June 2007 Phase I Environmental Site Assessment (ESA). The collection of the drinking water sample was conducted to evaluate whether or not potential releases or discharges of OHM stemming from activities conducted inside the fabrication building has adversely impacted the drinking water supply.

Ransom also attempted to collect a sample from the on-site septic system that services the commercial fabrication building. The purpose of this sampling effort was to evaluate whether or not potential releases or discharges of OHM stemming from activities conducted inside the fabrication building have potentially entered the septic system and have adversely impacted the subsurface environment. However, attempts to access the septic tank in August 2007 were unsuccessful due to the dense soil conditions encountered

while trying to locate the access way to the septic tank utilizing hand tools. To gain access to the septic system, mechanical means (e.g., excavator) of excavation was deemed to be necessary.

While on site to collect the drinking water sample, Ransom observed previously undocumented vent and fill pipes associated with an abandoned fuel oil UST located at the rear of the residential building. This building is currently heated by propane gas, and as part of Ransom's Phase I ESA dated June 26, 2007, none of the historical records reviewed or persons interviewed indicated the historical use of USTs at the Site. The presence of this abandoned UST at the Site constitutes a recognized environmental condition (REC), as defined by American Society for Testing and Materials (ASTM) E 1527-05. No other information pertaining to the closure or abandonment of this UST was available during the June 2007 Phase I ESA or August 2007 targeted LSI program.

Contaminants were not detected at concentrations above laboratory reporting limits in the water sample collected from the on-site drinking water well. Several volatile organic compounds (VOCs), including both petroleum and chlorinated solvent-related compounds, and several polycyclic aromatic hydrocarbons (PAHs) were detected in the soil samples collected from the observed petroleum-stained soils behind the on-site commercial fabrication building, suggesting potential on-site discharges of waste oil.

In accordance with the NC DENR Division of Waste Management, all releases of hazardous substances or materials containing hazardous substances (except those which are considered *de minimis* or naturally occurring), regardless of quantity or concentration, are subject to a 90-day notification requirement. Since the concentrations of VOCs and PAHs detected in soil samples collected as part of this LSI are not considered *de minimis* or naturally-occurring, it was Ransom's opinion that the identified contamination meets the above-referenced NC DENR notification requirements.

Based on the results of the initial Phase II LSI, Ransom made the following recommendations:

1. The property owner, operator, or other responsible party should be provided with a copy of this report and informed of their obligation to notify the NC DENR regarding the presence of VOCs and PAHs in soils associated with the stained soils observed at the rear of the fabrication building. In addition, the impacted soil behind the fabrication building should be removed and disposed in accordance with NC DENR regulations and under the direction of a NC Registered Environmental Consultant (NC REC). It is noted that the property owner did notify the NC DENR of the identified release on November 15, 2007.

2. The abandoned UST should be evaluated to determine if it can be removed without jeopardizing the structural integrity of the residential building. At a minimum, soil samples should be collected in the vicinity of this abandoned UST to determine whether a release of fuel from the tank has occurred. If a release of petroleum is identified, NC DENR notification will be required and additional response actions will be warranted to address the identified contamination in accordance with NC DENR's "Underground Storage Tank Section, Guidelines for Site Checks, Tank Closure, and Initial Response and Abatement" dated March 1, 2007; and

3. Access to the on-site septic tank should be facilitated by means of a backhoe and a sample of the contents of the septic tank (liquid and/or solids) should be collected for chemical analysis.

SUPPLEMENTAL LIMITED SUBSURFACE INVESTIGATION ACTIVITIES

Activities conducted as part of this supplemental Phase II LSI consisted of the advancement of five soil borings, collection and field-screening of soil samples, and the chemical analysis of selected soil samples. The investigation also included the sampling and analysis of the septic system that services the on-site fabrication building. The objectives of this investigation were (1) to evaluate whether or not a significant release of OHM associated with an abandoned fuel oil UST adjacent to the on-site residence has occurred, and (2) to evaluate whether or not potential releases or discharges of OHM stemming from activities conducted inside the fabrication building have entered the septic system and have adversely impacted the subsurface environment.

Septic System Assessment

On November 1, 2007, Ransom was on site to observe the performance of an exploratory test pit in the presumed location of the septic system that services the fabrication building. The test-pitting activities were performed by McCall Brothers, Inc. (McCall) of Charlotte, North Carolina, using a rubber-tired backhoe. The access port to the septic system, which consisted of 2-foot by 2-foot square concrete cover and access-way, was encountered at a depth of approximately 2 feet below the ground surface (bgs). Once access was provided, Ransom utilized a stainless-steel clamshell sampling device to collect a sample of the sediment inside the tank. Upon collection of the sediment sample, Ransom noted that the septic tank consisted of a hard-bottomed holding tank rather than a soft-bottomed leaching system.

The sample, identified as SEPTIC-S1-110107 was submitted to Pace Analytical (Pace) of Huntersville, North Carolina, and analyzed for the following parameters:

1. VOCs by U.S. Environmental Protection Agency (EPA) Method 8260B; and

2. PAHs by U.S. EPA Method 8270C.

Abandoned UST Evaluation

On November 2, 2007, five soil borings, identified as SB201, SB202, SB203A, SB203B, and SB204, were advanced around the abandoned UST by McCall, under the supervision of a Ransom scientist. The test borings were advanced with 3¼-inch inside-diameter (ID) hollow-stem augers on a truck-mounted drill rig. Overburden soil samples were collected continuously with a 1⅜-inch ID split-spoon to depths ranging from 3.9 to 15.3 feet bgs, upon which refusal due to dense overburden soils was encountered. Groundwater was not encountered during advancement of the soil borings. The locations of the soil borings are provided on Figure 3. Soil boring logs are included as Attachment A.

Soil samples retrieved from the soil borings were visually classified in the field by Ransom, in general accordance with the Burmister Soil Classification System. In general, the overburden geology at the Site generally consists of dense silty-clay sand with varying amounts of sand and gravel.

Soil Sampling

Ransom documented and logged soil sample characteristics and field-screened the samples collected from the five soil borings for the presence of organic vapors utilizing a photoionization detector (PID)-equipped instrument. Organic vapors were detected in the soil samples collected at concentrations ranging from less than 1 part per million volume/volume (ppmv) to 25 ppmv. No staining, petroleum-like odors, or others typical evidence of a release of OHM was observed in the soil samples collected. Samples that exhibited the presence of organic vapors may have been affected by diesel fumes from the drill rig rather than from a release of OHM.

Based on field observations and the results of field screening, Ransom selected four soil samples for confirmatory chemical analysis. The selected samples were as follows:

1. Sample SS201-S7-110207 which was collected from boring SB201 at a depth of 12 to 13.3 feet bgs;

2. Sample SS202-S4-110207 which was collected from boring SB202 at a depth of 6 to 7.9 feet bgs;

3. Sample SS203-S1-110207 which was collected from boring SB203A at a depth of 0 to 2 feet bgs; and

4. Sample SS204-S7-110207 which was collected from boring SB204 at a depth of 12 to 14 feet bgs.

The samples were submitted to Pace and analyzed for the following parameters:

1. VOCs by U.S. EPA Method 8260B; and

2. PAHs by U.S. EPA Method 8270C.

RESULTS OF INVESTIGATION

Sediment/Soil Sample Chemical Analysis Results

VOCs

As shown in Table 1, no VOCs were detected at concentrations above laboratory reporting limits in the sediment/soil samples collected as part of the supplemental septic and/or UST assessment activities.

PAHs

As shown in Table 1, no PAHs were detected at concentrations above laboratory reporting limits in the sediment/soil samples collected as part of the supplemental septic and/or UST assessment activities.

A copy of the laboratory chemical analysis data report is provided as Attachment B.

REGULATORY STATUS

NC DENR Notification Obligation

Since no VOCs or PAHs were detected at concentrations above their respective laboratory reporting limits in the samples collected during this supplemental investigation, a NC DENR reporting obligation does not exist with respect to the supplemental LSI investigation of the on-site septic system or abandoned UST.

Abandoned UST

As referenced in Ransom's initial Phase II LSI dated August 24, 2007, the abandoned UST at the Site is considered a "non-regulated UST" and is not subject to the North Carolina UST closure requirements as provided by the NC DENR's "Underground Storage Tank Section, Guidelines for Site Checks, Tank Closure, and Initial Response and Abatement" dated March 1, 2007 (15A NCAC 2N .0800). Non-regulated USTs (e.g., home heating oil USTs) are not required to be removed from the ground or closed by any specific procedure. However, since the scope of the proposed Site redevelopment project includes the demolition of the on-site residence, Ransom recommends that the UST be remove prior to, or in conjunction with, demolition activities.

CONCLUSIONS

Based on the results of this supplemental LSI investigation, Ransom draws the following conclusions:

1. The septic system connected to the on-site fabrication building has not been adversely impacted by a release of OHM; and

2. A significant release of OHM associated with the abandoned fuel oil UST has not occurred.

It is noted that although a NC DENR reporting obligation was not identified in connection with the septic system or abandoned UST, the NC DENR has been notified of the petroleum-stained soil located behind the on-site fabrication building, and will require remediation in accordance with applicable regulations.

RECOMMENDATIONS

As previously stated, since the scope of the proposed Site redevelopment project includes the demolition of the on-site residence, Ransom recommends that the UST be removed prior to, or in conjunction with, demolition activities. During the tank removal process, Ransom also recommends that the structural integrity of the tank should be further evaluated and that soil samples should be collected following its removal for confirmatory analysis. It should be noted that if contamination is identified in connection with the UST during removal operations, the property owner will likely be obligated to report the contamination to the NC DENR.

If you have any questions regarding this letter, please do not hesitate to call.

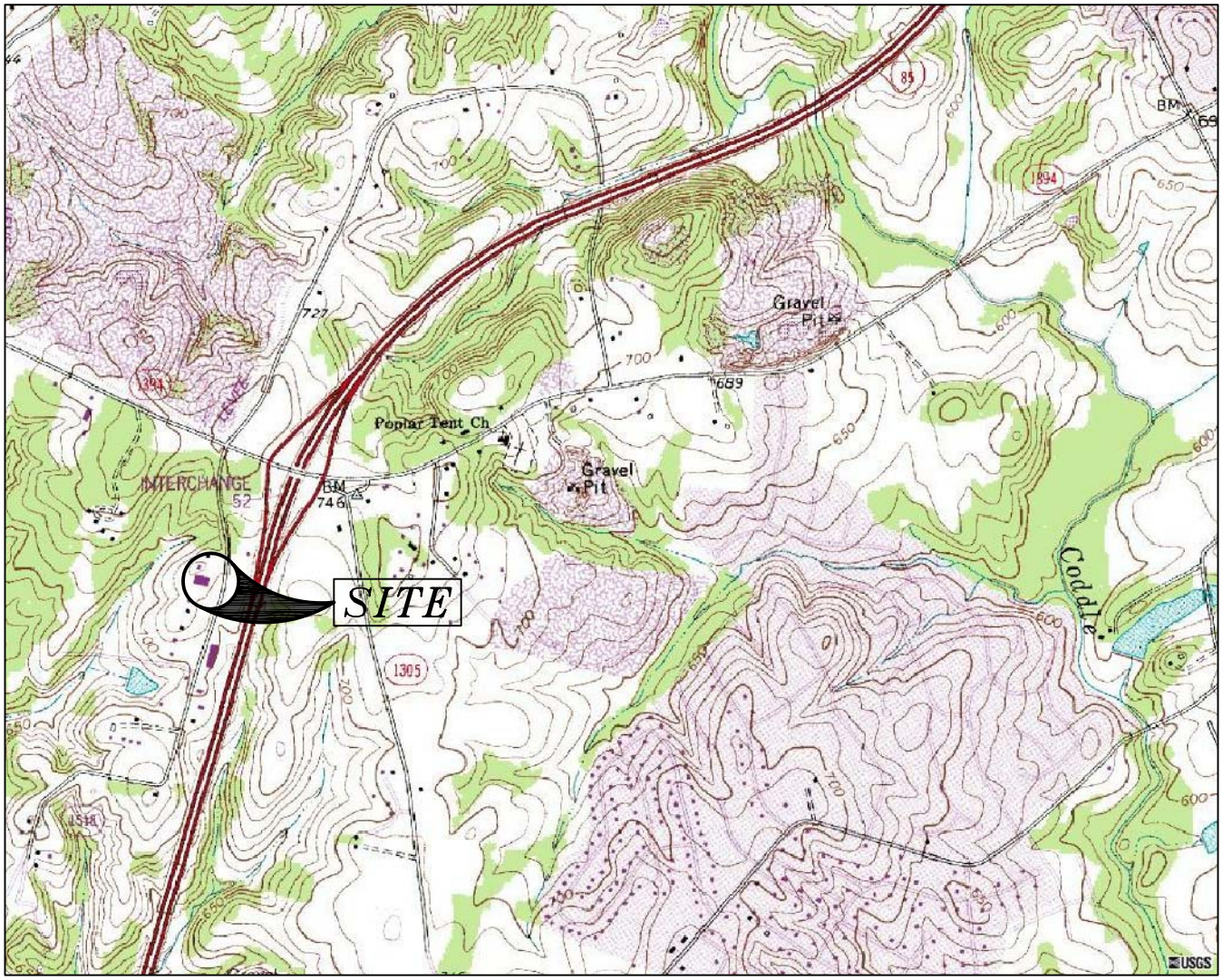
Sincerely,

RANSOM ENVIRONMENTAL CONSULTANTS, INC.

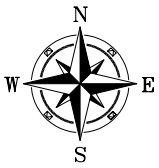
Andrew L. Bevan, CES
Associate Project Manager

Peter J. Sherr, PE, RSM
Senior Project Manager

ALB/PJS:sh
Attachments



TAKEN FROM U.S.G.S. 7.5x15 MINUTE SERIES TOPOGRAPHIC MAP OF POPLAR TENT, NORTH CAROLINA.



SITE COORDINATES: LATITUDE 35°23'56"
LONGITUDE 80°42'08"

UTM COORDINATES: 39:17:319mN
5:27:042mE

RANSOM Environmental Consultants, Inc.

SITE LOCATION MAP

PREPARED FOR:
HALE TRAILER BRAKE & WHEEL, INC.
ROUTE 73 & COOPER ROAD
VOORHEES, NEW JERSEY

SITE:
1136 – 1150
IVEY CLINE ROAD
CONCORD, NORTH CAROLINA

DATE: DECEMBER 2007
PROJECT: 071048
FIGURE: 1

WIND TUNNEL CONSTRUCTION SITE

VACANT (UNDER CONSTRUCTION)

CONCORD REGIONAL AIRPORT

PARCEL 4690-24-7559

STORAGE SHED

GARAGE

APPROXIMATE LOCATION OF ON-SITE SEPTIC SYSTEM

DRINKING WATER WELL PUMP HOUSE

RESIDENCE

APPROXIMATE LOCATION OF ABANDONED UST

AC UNIT

SEPTIC COVER

PVC SEPTIC VENT PIPE

ELECTRICAL HOOKUP

CONCRETE

PARCEL 4690-247-6440

AREA OF FORMER WASTE OIL ASTs

GRAVEL

FABRICATION BUILDING

ASPHALT PARKING

CONCRETE

ASPHALT

PROPANE TANKS

RESIDENTIAL

RESIDENTIAL

IVEY CLINE ROAD

INDUSTRIAL PROPERTIES

N

LEGEND:

- EXTENT OF SURFICIAL SOIL STAINING
- FENCE
- LOT LINE
- SITE BOUNDARY

NOTES:

1. SITE PLAN BASED ON MEASUREMENTS AND OBSERVATIONS MADE BY RANSOM ENVIRONMENTAL CONSULTANTS, INC. ON MAY 31 AND JULY 24, 2007.
2. SOME FEATURES ARE APPROXIMATE IN LOCATION AND SCALE.
3. THIS PLAN HAS BEEN PREPARED FOR HALE TRAILER BRAKE & WHEEL, INC. ALL OTHER USES ARE NOT AUTHORIZED, UNLESS WRITTEN PERMISSION IS OBTAINED FROM RANSOM ENVIRONMENTAL CONSULTANTS, INC.

0 50 100 200

SCALE in FEET
1"=100'

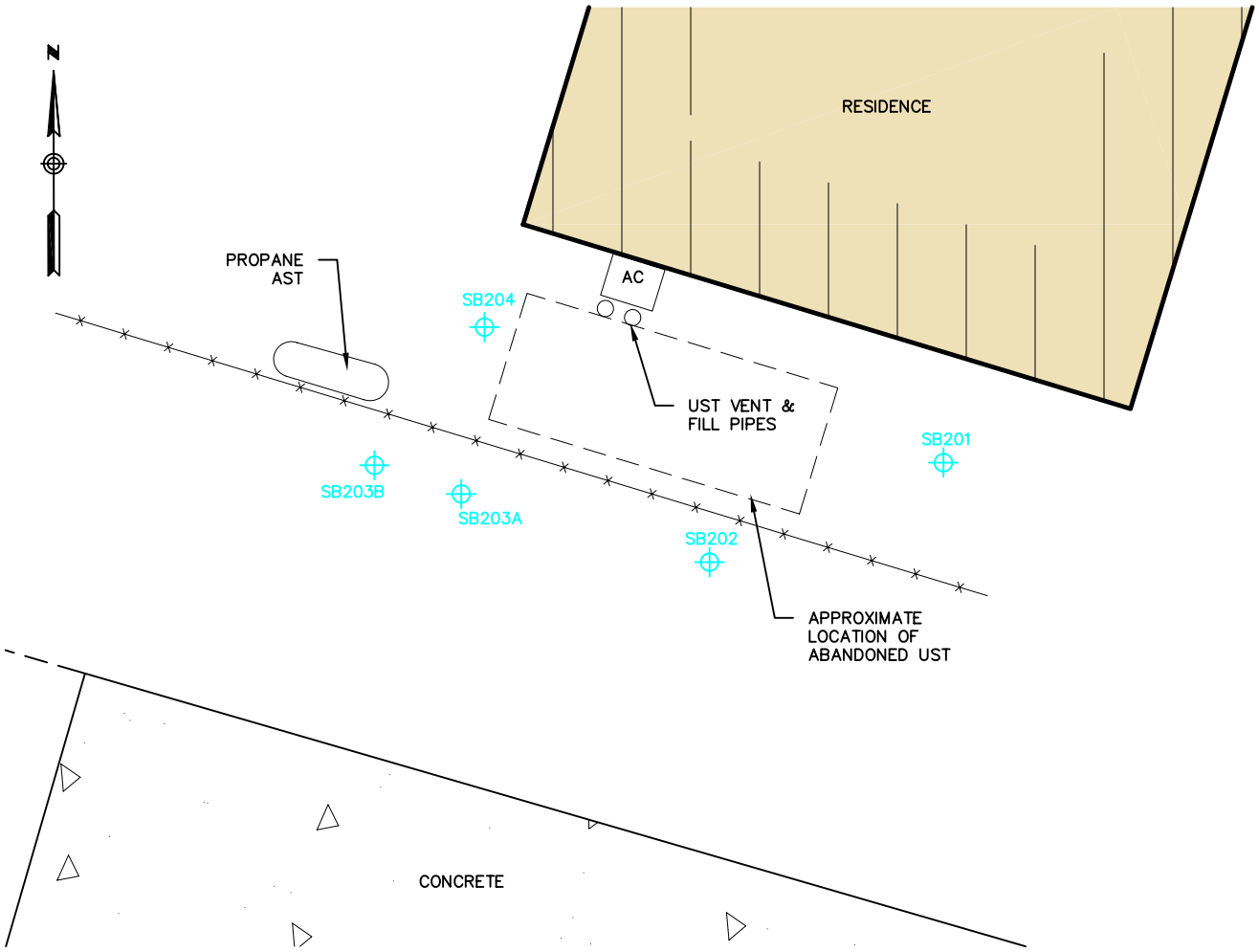
RANSOM Environmental Consultants, Inc.

PREPARED FOR:
HALE TRAILER BRAKE & WHEEL, INC.
ROUTE 73 & COOPER ROAD
VOORHEES, NEW JERSEY

SITE:
1136 – 1150
IVEY CLINE ROAD
CONCORD, NORTH CAROLINA

SITE PLAN

DATE: DECEMBER 2007
PROJECT: 071048
FIGURE: 2



LEGEND:

SB201 SOIL BORING

FENCE

NOTES:

1. SITE PLAN BASED ON MEASUREMENTS AND OBSERVATIONS MADE BY RANSOM ENVIRONMENTAL CONSULTANTS, INC. ON MAY 31 AND JULY 24, 2007.
2. SOME FEATURES ARE APPROXIMATE IN LOCATION AND SCALE.
3. THIS PLAN HAS BEEN PREPARED FOR HALE TRAILER BRAKE & WHEEL, INC. ALL OTHER USES ARE NOT AUTHORIZED, UNLESS WRITTEN PERMISSION IS OBTAINED FROM RANSOM ENVIRONMENTAL CONSULTANTS, INC.

0 5 10 20

SCALE in FEET
1"=10'

RANSOM Environmental Consultants, Inc.

SITE DETAIL PLAN

PREPARED FOR:
HALE TRAILER BRAKE & WHEEL, INC.
ROUTE 73 & COOPER ROAD
VOORHEES, NEW JERSEY

SITE:
1136 – 1150
IVEY CLINE ROAD
CONCORD, NORTH CAROLINA

DATE: DECEMBER 2007
PROJECT: 071048
FIGURE: 3

ATTACHMENT A

Soil Boring Logs

Results of Supplemental Phase II Limited Subsurface Investigation
1136–1150 Ivey Cline Road
Concord, North Carolina

RANSOM Environmental Consultants, Inc.

BORING LOG: SB201

Reviewed By:	AB	Total Depth:	13.3 Feet	Logged By:	EJL
Date Reviewed:	12/3/07	Boring Diameter:	8 1/4 Inches	Date Drilled:	11/2/07 to 11/2/07
GW Observed at:	NA	Well Stickup:	NA	Driller:	McCall Brothers

DEPTH	DESCRIPTION (Based on a modified Burmister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 inches)	PENETRATION/ RECOVERY	OVM (ppmv)	DEXSIL (ppm)	DEPTH
	S1 (0' - 2') 1" TOPSOIL. Over 14" loose, red brown, silty CLAY, trace fine Sand, Moist.		S1	2-3-2-2	24/15	<1	NM	
	S2 (2' - 4') Loose, red brown, silty CLAY, trace fine Sand, moist.		S2	2-3-3-5	24/24	<1	NM	
5	S3 (4' - 6') 10" dense, red brown, silty CLAY, trace fine Sand. Over 5" red brown, fine SAND, some silty Clay, Dry. Over 9" red, fine SAND, trace Clay, Dry.		S3	4-11-14-20	24/24	<1	NM	5
	S4 (6' - 8') 7" medium dense, red brown, silty CLAY, trace fine Sand. Over 17" red brown, fine SAND, some silty Clay, Moist.		S4	7-8-14-14	24/24	<1	NM	
	S5 (8' - 10') Medium dense, red brown, fine SAND, some Clay, Moist.		S5	4-7-10-11	24/24	<1	NM	
10								10
	S6 (10' - 12') 12" dense, red brown, fine SAND, some silty Clay, Moist. Over 4" brown, fine SAND and silty CLAY. Over 8" brown, fine SAND, Moist.		S6	6-13-24-22	24/24	4	NM	
	S7 (12' - 13.3') 8" Very dense, red brown, fine SAND, some silty Clay. Over 8" brown, fine to medium SAND, trace silty Clay, Moist. Auger refusal, bottom of boring 13.3'.		S7	10-30-50/4"	16/16	6	NM	
15								15

NOTES:
1. Boring advanced with hollow-stem auger methodology.
2. Sample designated with solid fill submitted for laboratory analysis.
3. NA = Not Applicable; NM = Not Measured

CLIENT:
Hale Trailer Brake & Wheel, Inc.

SITE:
1136-1150 Ivey Cline Road
Concord, NC

Project No.: 071048-02

RANSOM Environmental Consultants, Inc.

BORING LOG: SB202

Reviewed By:	AcB	Total Depth:	7.9 Feet	Logged By:	EJL
Date Reviewed:	12/3/07	Boring Diameter:	8 1/4 Inches	Date Drilled:	11/2/07 to 11/2/07
GW Observed at:	NA	Well Stickup:	NA	Driller:	McCall Brothers

DEPTH	DESCRIPTION (Based on a modified Burmister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 inches)	PENETRATION/ RECOVERY	OVM (ppmv)	DEXSIL (ppm)	DEPTH
	S1 (0' - 2') 7" loose, red brown, silty CLAY, trace fine Sand. Over 8" dense, brown, silty CLAY, little fine Sand, Moist.		S1	2-2-3-2	24/15	5	NM	
	S2 (2' - 4') 15" loose, red brown, silty CLAY, trace fine Sand. Over 9" red brown, silty CLAY and fine SAND, Moist.		S2	2-3-4-9	24/24	4	NM	
5	S3 (4' - 6') 8" dense, red brown, silty CLAY, some brick fragments, trace fine Sand, Moist. Over 16" dense, brown red, very fine to fine SAND, Dry.		S3	10-18-18-18	24/24	4	NM	5
	S4 (6' - 7.9') 7" very dense, brown, fine to medium SAND, trace Silt, Dry. Over 8" dense, brown, fine SAND, Dry.		S4	18-30-50/5"	17/15	5	NM	
	Auger refusal, bottom of boring 7.9'.							
10								10
15								15

NOTES:
1. Boring advanced with hollow-stem auger methodology.
2. Sample designated with solid fill submitted for laboratory analysis.
3. NA = Not Applicable; NM = Not Measured

CLIENT:
Hale Trailer Brake & Wheel, Inc.

SITE:
1136-1150 Ivey Cline Road
Concord, NC

Project No.: 071048-02

RANSOM Environmental Consultants, Inc.

BORING LOG: SB203A

Reviewed By:	AB	Total Depth:	3.9 Feet	Logged By:	EJL
Date Reviewed:	12/3/07	Boring Diameter:	8 1/4 Inches	Date Drilled:	11/2/07 to 11/2/07
GW Observed at:	NA	Well Stickup:	NA	Driller:	McCall Brothers

DEPTH	DESCRIPTION (Based on a modified Burmister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 inches)	PENETRATION/ RECOVERY	OVM (ppmv)	DEXSIL (ppm)	DEPTH
	S1 (0' - 2') 9" very loose, dark brown, fine SAND, some Silt, Moist. Over 12" orange/brown, silty CLAY, trace fine Sand, Moist.		S1	2-1-2-2	24/21	25	NM	
	S2 (2' - 3.9') 7" medium dense, dark brown, fine SAND, little Clay, little Silt, Moist. Over 16" brown, fine to medium SAND, Dry.		S2	6-11-18-50/5"	23/23	9	NM	
	Auger refusal, bottom of boring 3.9'.							
5								5
10								10
15								15

NOTES:
1. Boring advanced with hollow-stem auger methodology.
2. Sample designated with solid fill submitted for laboratory analysis.
3. NA = Not Applicable; NM = Not Measured

CLIENT:
Hale Trailer Brake & Wheel, Inc.

SITE:
1136-1150 Ivey Cline Road
Concord, NC

Project No.: 071048-02

RANSOM Environmental Consultants, Inc.

BORING LOG: SB203B

Reviewed By:	AJB	Total Depth:	5.25 Feet	Logged By:	EJL
Date Reviewed:	12/3/07	Boring Diameter:	8 1/4 Inches	Date Drilled:	11/2/07 to 11/2/07
GW Observed at:	NA	Well Stickup:	NA	Driller:	McCall Brothers

DEPTH	DESCRIPTION (Based on a modified Burmister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 inches)	PENETRATION/ RECOVERY	OVM (ppmv)	DEXSIL (ppm)	DEPTH
	S1 (0' - 2') 1" ORGANIC MATTER. Over 10" very loose, dark brown, fine SAND, some Silt, Moist.	☒	S1	1-2-1-3	24/11	3	NM	
	S2 (2' - 3.9') 4" Dense, red brown, silty CLAY, little fine Sand, Dry. Over 17" brown, fine SAND, Dry. Split-spoon refusal at 3.9'.	☒	S2	9-18-33-50/5"	23/21	5	NM	
	S3 (4' - 5.3') 10" dense, brown, fine SAND, trace Clay, Dry. Over 2" brown gray, fine to medium SAND, Dry.	☒	S3	19-50/4"	16/12	4	NM	
5	Auger refusal, bottom of boring 5.3'.							5
10								10
15								15

NOTES:
1. Boring advanced with hollow-stem auger methodology.
2. Sample designated with solid fill submitted for laboratory analysis.
3. NA = Not Applicable; NM = Not Measured

CLIENT:
Hale Trailer Brake & Wheel, Inc.

SITE:
1136-1150 Ivey Cline Road
Concord, NC

Project No.: 071048-02

RANSOM Environmental Consultants, Inc.

BORING LOG: SB204

Reviewed By:	AcB	Total Depth:	15.25 Feet	Logged By:	EJL
Date Reviewed:	12/3/07	Boring Diameter:	8 1/4 Inches	Date Drilled:	11/2/07 to 11/2/07
GW Observed at:	NA	Well Stickup:	NA	Driller:	McCall Brothers

DEPTH	DESCRIPTION (Based on a modified Burmister Soil Classification System)	SAMPLE	SAMPLE NUMBER	BLOW COUNTS (per 6 inches)	PENETRATION/ RECOVERY	OVM (ppmv)	DEXSIL (ppm)	DEPTH
	S1 (0' - 2') 2" TOPSOIL. Over 10" loose, brown, fine SAND, little silty Clay, Moist. Over 9" orange, silty CLAY, little fine Sand, Moist.		S1	2-4-2-3	24/21	3	NM	
	S2 (2' - 4') 7" medium dense, brown, fine SAND, little silty Clay, little Silt, Moist. Over 14" orange brown, silty CLAY, trace fine Sand, Moist.		S2	3-4-8-12	24/21	4	NM	
5	S3 (4' - 6') 12" dense, orange brown, silty CLAY, trace fine Sand, Moist. Over 12" orange, fine to medium SAND, little coarse Gravel, Dry.		S3	8-15-18-24	24/24	4	NM	5
	S4 (6' - 8') Dense, orange, fine to medium SAND, little coarse Gravel, Dry.		S4	10-20-23-20	24/24	4	NM	
	S5 (8' - 10') Dense, orange, fine to medium SAND, coarse Gravel, Dry.		S5	7-14-20-25	24/24	5	NM	
10	S6 (10' - 12') Dense, brown, fine to medium SAND, Dry.		S6	8-14-18-21	24/24	6	NM	10
	S7 (12' - 14') Very dense, red/brown, fine to medium SAND, some coarse Gravel, Moist.		S7	20-41-26-38	24/24	10	NM	
15	S8 (14-15.3') Very dense, brown, fine to medium SAND, Moist.		S8	20-28-50/3"	15/15	5	NM	15
	Auger refusal, bottom of boring 15.3'.							

NOTES:
1. Boring advanced with hollow-stem auger methodology.
2. Sample designated with solid fill submitted for laboratory analysis.
3. NA = Not Applicable; NM = Not Measured

CLIENT:
Hale Trailer Brake & Wheel, Inc.

SITE:
1136-1150 Ivey Cline Road
Concord, NC

Project No.: 071048-02

ATTACHMENT B

Copy of Laboratory Chemical Analysis Data Report

Results of Supplemental Phase II Limited Subsurface Investigation
1136–1150 Ivey Cline Road
Concord, North Carolina

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(704)875-9092

November 14, 2007

Mr. Pete Sherr
Ransom Environmental Con
Browns Wharf
Newburyport, MA 01950

RE: Project: Ivey-Cline
Pace Project No.: 927028

Dear Mr. Sherr:
Enclosed are the analytical results for sample(s) received by the laboratory on November 03, 2007. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Inorganic Wet Chemistry and Metals analyses were performed at our Pace Asheville laboratory and Organic testing was performed at our Pace Huntersville laboratory unless otherwise footnoted. All Microbiological analyses were performed at the laboratory where the samples were received.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Bonnie McKee

Bonnie McKee

bonnie.mckee@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Ivey-Cline
Pace Project No.: 927028

Charlotte Certification IDs

Florida/NELAP Certification Number: E87627
Kansas Certification Number: E-10364
Louisiana/LELAP Certification Number: 04034
North Carolina Drinking Water Certification Number: 37706
North Carolina Wastewater Certification Number: 12
North Carolina Field Services Certification Number: 5342
South Carolina Certification Number: 990060001
South Carolina Bioassay Certification Number: 990060003
Tennessee Certification Number: 04010
Virginia Certification Number: 00213

Asheville Certification IDs

Florida/NELAP Certification Number: E87648
Louisiana/LELAP Certification Number: 03095
New Jersey Certification Number: NC011
North Carolina Drinking Water Certification Number: 37712
North Carolina Wastewater Certification Number: 40
North Carolina Bioassay Certification Number: 9
Pennsylvania Certification Number: 68-03578
South Carolina Certification Number: 99030001
South Carolina Bioassay Certification Number: 99030002
Tennessee Certification Number: 2980
Virginia Certification Number: 00072

Eden Certification IDs

North Carolina Drinking Water Certification Number: 37738
Virginia Drinking Water Certification Number: 00424
North Carolina Wastewater Certification Number: 633

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SAMPLE ANALYTE COUNT

Project: Ivey-Cline
Pace Project No.: 927028

Lab ID	Sample ID	Method	Analytes Reported	Laboratory
927028001	SEPTIC1-S1-110107	ASTM D2974-87	1	PASI-C
		EPA 8260	71	PASI-C
		EPA 8270	75	PASI-C
927028002	SS~~1~~2-S7-110207	ASTM D2974-87	1	PASI-C
		EPA 8260	71	PASI-C
		EPA 8270	75	PASI-C
927028003	SS~~1~~3-S4-110207	ASTM D2974-87	1	PASI-C
		EPA 8260	71	PASI-C
		EPA 8270	75	PASI-C
927028004	SS~~1~~2-S1-110207	ASTM D2974-87	1	PASI-C
		EPA 8260	71	PASI-C
		EPA 8270	75	PASI-C
927028005	SS~~1~~2-S7-110207	ASTM D2974-87	1	PASI-C
		EPA 8260	71	PASI-C
		EPA 8270	75	PASI-C

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ANALYTICAL RESULTS

Project: Ivey-Cline
Pace Project No.: 927028

Sample: SEPTIC1-S1-110107 **Lab ID: 927028001** Collected: 11/01/07 11:48 Received: 11/03/07 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PFE	Analytical Method: EPA 8270 Preparation Method: EPA 3545							
Acenaphthene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	83-32-9	
Acenaphthylene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	208-96-8	
Aniline	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	62-53-3	
Anthracene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	120-12-7	
Benzo(a)anthracene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	56-55-3	
Benzo(a)pyrene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	207-08-9	
Benzoic acid	ND	ug/kg	124000	1	11/06/07 00:00	11/07/07 19:33	65-85-0	
Benzyl alcohol	ND	ug/kg	49700	1	11/06/07 00:00	11/07/07 19:33	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	101-55-3	
Butylbenzylphthalate	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	49700	1	11/06/07 00:00	11/07/07 19:33	59-50-7	
4-Chloroaniline	ND	ug/kg	124000	1	11/06/07 00:00	11/07/07 19:33	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	108-60-1	
2-Chloronaphthalene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	91-58-7	
2-Chlorophenol	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	7005-72-3	
Chrysene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	53-70-3	
Dibenzofuran	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	124000	1	11/06/07 00:00	11/07/07 19:33	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	120-83-2	
Diethylphthalate	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	105-67-9	
Dimethylphthalate	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	131-11-3	
Di-n-butylphthalate	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	49700	1	11/06/07 00:00	11/07/07 19:33	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	124000	1	11/06/07 00:00	11/07/07 19:33	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	606-20-2	
Di-n-octylphthalate	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	117-81-7	
Fluoranthene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	206-44-0	
Fluorene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	87-68-3	
Hexachlorobenzene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	77-47-4	
Hexachloroethane	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	67-72-1	

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ANALYTICAL RESULTS

Project: Ivey-Cline
Pace Project No.: 927028

Sample: SEPTIC1-S1-110107 **Lab ID: 927028001** Collected: 11/01/07 11:48 Received: 11/03/07 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PFE	Analytical Method: EPA 8270 Preparation Method: EPA 3545							
Indeno(1,2,3-cd)pyrene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	193-39-5	
Isophorone	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	78-59-1	
1-Methylnaphthalene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	90-12-0	
2-Methylnaphthalene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33		
Naphthalene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	91-20-3	
2-Nitroaniline	ND	ug/kg	124000	1	11/06/07 00:00	11/07/07 19:33	88-74-4	
3-Nitroaniline	ND	ug/kg	124000	1	11/06/07 00:00	11/07/07 19:33	99-09-2	
4-Nitroaniline	ND	ug/kg	49700	1	11/06/07 00:00	11/07/07 19:33	100-01-6	
Nitrobenzene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	98-95-3	
2-Nitrophenol	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	88-75-5	
4-Nitrophenol	ND	ug/kg	124000	1	11/06/07 00:00	11/07/07 19:33	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	86-30-6	
Pentachlorophenol	ND	ug/kg	124000	1	11/06/07 00:00	11/07/07 19:33	87-86-5	
Phenanthrene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	85-01-8	
Phenol	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	108-95-2	
Pyrene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	24800	1	11/06/07 00:00	11/07/07 19:33	88-06-2	
Nitrobenzene-d5 (S)	62	%	10-120	1	11/06/07 00:00	11/07/07 19:33	4165-60-0	
2-Fluorobiphenyl (S)	44	%	10-120	1	11/06/07 00:00	11/07/07 19:33	321-60-8	
Terphenyl-d14 (S)	36	%	10-116	1	11/06/07 00:00	11/07/07 19:33	1718-51-0	
Phenol-d6 (S)	60	%	10-120	1	11/06/07 00:00	11/07/07 19:33	13127-88-3	
2-Fluorophenol (S)	58	%	10-120	1	11/06/07 00:00	11/07/07 19:33	367-12-4	
2,4,6-Tribromophenol (S)	55	%	10-116	1	11/06/07 00:00	11/07/07 19:33	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	41600	50		11/08/07 14:34	67-64-1	
Benzene	ND	ug/kg	2080	50		11/08/07 14:34	71-43-2	
Bromobenzene	ND	ug/kg	2080	50		11/08/07 14:34	108-86-1	
Bromochloromethane	ND	ug/kg	2080	50		11/08/07 14:34	74-97-5	
Bromodichloromethane	ND	ug/kg	2080	50		11/08/07 14:34	75-27-4	
Bromoform	ND	ug/kg	2080	50		11/08/07 14:34	75-25-2	
Bromomethane	ND	ug/kg	4160	50		11/08/07 14:34	74-83-9	
2-Butanone (MEK)	ND	ug/kg	41600	50		11/08/07 14:34	78-93-3	
n-Butylbenzene	ND	ug/kg	2080	50		11/08/07 14:34	104-51-8	
sec-Butylbenzene	ND	ug/kg	2080	50		11/08/07 14:34	135-98-8	
tert-Butylbenzene	ND	ug/kg	2080	50		11/08/07 14:34	98-06-6	
Carbon tetrachloride	ND	ug/kg	2080	50		11/08/07 14:34	56-23-5	
Chlorobenzene	ND	ug/kg	2080	50		11/08/07 14:34	108-90-7	
Chloroethane	ND	ug/kg	4160	50		11/08/07 14:34	75-00-3	
Chloroform	ND	ug/kg	2080	50		11/08/07 14:34	67-66-3	

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ANALYTICAL RESULTS

Project: Ivey-Cline
Pace Project No.: 927028

Sample: SEPTIC1-S1-110107 **Lab ID: 927028001** Collected: 11/01/07 11:48 Received: 11/03/07 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Chloromethane	ND	ug/kg	4160	50		11/08/07 14:34	74-87-3	
2-Chlorotoluene	ND	ug/kg	2080	50		11/08/07 14:34	95-49-8	
4-Chlorotoluene	ND	ug/kg	2080	50		11/08/07 14:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	2080	50		11/08/07 14:34	96-12-8	
Dibromochloromethane	ND	ug/kg	2080	50		11/08/07 14:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	2080	50		11/08/07 14:34	106-93-4	
Dibromomethane	ND	ug/kg	2080	50		11/08/07 14:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	2080	50		11/08/07 14:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	2080	50		11/08/07 14:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	2080	50		11/08/07 14:34	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4160	50		11/08/07 14:34	75-71-8	
1,1-Dichloroethane	ND	ug/kg	2080	50		11/08/07 14:34	75-34-3	
1,2-Dichloroethane	ND	ug/kg	2080	50		11/08/07 14:34	107-06-2	
1,1-Dichloroethene	ND	ug/kg	2080	50		11/08/07 14:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	2080	50		11/08/07 14:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	2080	50		11/08/07 14:34	156-60-5	
1,2-Dichloropropane	ND	ug/kg	2080	50		11/08/07 14:34	78-87-5	
1,3-Dichloropropane	ND	ug/kg	2080	50		11/08/07 14:34	142-28-9	
2,2-Dichloropropane	ND	ug/kg	2080	50		11/08/07 14:34	594-20-7	
1,1-Dichloropropene	ND	ug/kg	2080	50		11/08/07 14:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	2080	50		11/08/07 14:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	2080	50		11/08/07 14:34	10061-02-6	
Diisopropyl ether	ND	ug/kg	2080	50		11/08/07 14:34	108-20-3	
Ethylbenzene	ND	ug/kg	2080	50		11/08/07 14:34	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	2080	50		11/08/07 14:34	87-68-3	
2-Hexanone	ND	ug/kg	20800	50		11/08/07 14:34	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	2080	50		11/08/07 14:34	98-82-8	
p-Isopropyltoluene	ND	ug/kg	2080	50		11/08/07 14:34	99-87-6	
Methylene Chloride	ND	ug/kg	2700	65		11/08/07 14:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	20800	50		11/08/07 14:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	2080	50		11/08/07 14:34	1634-04-4	
Naphthalene	ND	ug/kg	2080	50		11/08/07 14:34	91-20-3	
n-Propylbenzene	ND	ug/kg	2080	50		11/08/07 14:34	103-65-1	
Styrene	ND	ug/kg	2080	50		11/08/07 14:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	2080	50		11/08/07 14:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2080	50		11/08/07 14:34	79-34-5	
Tetrachloroethene	ND	ug/kg	2080	50		11/08/07 14:34	127-18-4	
Toluene	ND	ug/kg	2080	50		11/08/07 14:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	2080	50		11/08/07 14:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	2080	50		11/08/07 14:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	2080	50		11/08/07 14:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	2080	50		11/08/07 14:34	79-00-5	
Trichloroethene	ND	ug/kg	2080	50		11/08/07 14:34	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2080	50		11/08/07 14:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	2080	50		11/08/07 14:34	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	2080	50		11/08/07 14:34	95-63-6	

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ANALYTICAL RESULTS

Project: Ivey-Cline
Pace Project No.: 927028

Sample: SEPTIC1-S1-110107 **Lab ID: 927028001** Collected: 11/01/07 11:48 Received: 11/03/07 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
1,3,5-Trimethylbenzene	ND	ug/kg	2080	50		11/08/07 14:34	108-67-8	
Vinyl acetate	ND	ug/kg	20800	50		11/08/07 14:34	108-05-4	
Vinyl chloride	ND	ug/kg	4160	50		11/08/07 14:34	75-01-4	
Xylene (Total)	ND	ug/kg	4160	50		11/08/07 14:34	1330-20-7	
m&p-Xylene	ND	ug/kg	4160	50		11/08/07 14:34	1330-20-7	
o-Xylene	ND	ug/kg	2080	50		11/08/07 14:34	95-47-6	
Dibromofluoromethane (S)	104	%	79-116	50		11/08/07 14:34	1868-53-7	D3
Toluene-d8 (S)	102	%	88-110	50		11/08/07 14:34	2037-26-5	
4-Bromofluorobenzene (S)	102	%	74-115	50		11/08/07 14:34	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	69-121	50		11/08/07 14:34	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**92.0**	%	0.10	1		11/06/07 13:08		

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ANALYTICAL RESULTS

Project: Ivey-Cline
Pace Project No.: 927028

Sample: SS101-S7-110207 **Lab ID: 927028002** Collected: 11/02/07 10:45 Received: 11/03/07 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PFE	Analytical Method: EPA 8270 Preparation Method: EPA 3545							
Acenaphthene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	83-32-9	
Acenaphthylene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	208-96-8	
Aniline	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	62-53-3	
Anthracene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	120-12-7	
Benzo(a)anthracene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	56-55-3	
Benzo(a)pyrene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	207-08-9	
Benzoic acid	ND	ug/kg	1890	1	11/07/07 00:00	11/08/07 17:10	65-85-0	
Benzyl alcohol	ND	ug/kg	756	1	11/07/07 00:00	11/08/07 17:10	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	101-55-3	
Butylbenzylphthalate	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	756	1	11/07/07 00:00	11/08/07 17:10	59-50-7	
4-Chloroaniline	ND	ug/kg	1890	1	11/07/07 00:00	11/08/07 17:10	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	108-60-1	
2-Chloronaphthalene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	91-58-7	
2-Chlorophenol	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	7005-72-3	
Chrysene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	53-70-3	
Dibenzofuran	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1890	1	11/07/07 00:00	11/08/07 17:10	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	120-83-2	
Diethylphthalate	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	105-67-9	
Dimethylphthalate	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	131-11-3	
Di-n-butylphthalate	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	756	1	11/07/07 00:00	11/08/07 17:10	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1890	1	11/07/07 00:00	11/08/07 17:10	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	606-20-2	
Di-n-octylphthalate	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	117-81-7	
Fluoranthene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	206-44-0	
Fluorene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	87-68-3	
Hexachlorobenzene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	77-47-4	
Hexachloroethane	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	67-72-1	

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ANALYTICAL RESULTS

Project: Ivey-Cline
Pace Project No.: 927028

Sample: SS101-S7-110207 **Lab ID: 927028002** Collected: 11/02/07 10:45 Received: 11/03/07 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PFE	Analytical Method: EPA 8270 Preparation Method: EPA 3545							
Indeno(1,2,3-cd)pyrene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	193-39-5	
Isophorone	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	78-59-1	
1-Methylnaphthalene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	90-12-0	
2-Methylnaphthalene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10		
Naphthalene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	91-20-3	
2-Nitroaniline	ND	ug/kg	1890	1	11/07/07 00:00	11/08/07 17:10	88-74-4	
3-Nitroaniline	ND	ug/kg	1890	1	11/07/07 00:00	11/08/07 17:10	99-09-2	
4-Nitroaniline	ND	ug/kg	756	1	11/07/07 00:00	11/08/07 17:10	100-01-6	
Nitrobenzene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	98-95-3	
2-Nitrophenol	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	88-75-5	
4-Nitrophenol	ND	ug/kg	1890	1	11/07/07 00:00	11/08/07 17:10	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	86-30-6	
Pentachlorophenol	ND	ug/kg	1890	1	11/07/07 00:00	11/08/07 17:10	87-86-5	
Phenanthrene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	85-01-8	
Phenol	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	108-95-2	
Pyrene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	378	1	11/07/07 00:00	11/08/07 17:10	88-06-2	
Nitrobenzene-d5 (S)	51	%	10-120	1	11/07/07 00:00	11/08/07 17:10	4165-60-0	
2-Fluorobiphenyl (S)	49	%	10-120	1	11/07/07 00:00	11/08/07 17:10	321-60-8	
Terphenyl-d14 (S)	50	%	10-116	1	11/07/07 00:00	11/08/07 17:10	1718-51-0	
Phenol-d6 (S)	53	%	10-120	1	11/07/07 00:00	11/08/07 17:10	13127-88-3	
2-Fluorophenol (S)	50	%	10-120	1	11/07/07 00:00	11/08/07 17:10	367-12-4	
2,4,6-Tribromophenol (S)	43	%	10-116	1	11/07/07 00:00	11/08/07 17:10	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	99.4	1		11/07/07 21:04	67-64-1	
Benzene	ND	ug/kg	5.0	1		11/07/07 21:04	71-43-2	
Bromobenzene	ND	ug/kg	5.0	1		11/07/07 21:04	108-86-1	
Bromochloromethane	ND	ug/kg	5.0	1		11/07/07 21:04	74-97-5	
Bromodichloromethane	ND	ug/kg	5.0	1		11/07/07 21:04	75-27-4	
Bromoform	ND	ug/kg	5.0	1		11/07/07 21:04	75-25-2	
Bromomethane	ND	ug/kg	9.9	1		11/07/07 21:04	74-83-9	
2-Butanone (MEK)	ND	ug/kg	99.4	1		11/07/07 21:04	78-93-3	
n-Butylbenzene	ND	ug/kg	5.0	1		11/07/07 21:04	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.0	1		11/07/07 21:04	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.0	1		11/07/07 21:04	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.0	1		11/07/07 21:04	56-23-5	
Chlorobenzene	ND	ug/kg	5.0	1		11/07/07 21:04	108-90-7	
Chloroethane	ND	ug/kg	9.9	1		11/07/07 21:04	75-00-3	
Chloroform	ND	ug/kg	5.0	1		11/07/07 21:04	67-66-3	

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ANALYTICAL RESULTS

Project: Ivey-Cline
Pace Project No.: 927028

Sample: SS~~1~~2-S7-110207 **Lab ID: 927028002** Collected: 11/02/07 10:45 Received: 11/03/07 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Chloromethane	ND	ug/kg	9.9	1		11/07/07 21:04	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.0	1		11/07/07 21:04	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.0	1		11/07/07 21:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	1		11/07/07 21:04	96-12-8	
Dibromochloromethane	ND	ug/kg	5.0	1		11/07/07 21:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	1		11/07/07 21:04	106-93-4	
Dibromomethane	ND	ug/kg	5.0	1		11/07/07 21:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.0	1		11/07/07 21:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.0	1		11/07/07 21:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.0	1		11/07/07 21:04	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.9	1		11/07/07 21:04	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.0	1		11/07/07 21:04	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.0	1		11/07/07 21:04	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.0	1		11/07/07 21:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.0	1		11/07/07 21:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.0	1		11/07/07 21:04	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.0	1		11/07/07 21:04	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.0	1		11/07/07 21:04	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.0	1		11/07/07 21:04	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.0	1		11/07/07 21:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.0	1		11/07/07 21:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.0	1		11/07/07 21:04	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.0	1		11/07/07 21:04	108-20-3	
Ethylbenzene	ND	ug/kg	5.0	1		11/07/07 21:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.0	1		11/07/07 21:04	87-68-3	
2-Hexanone	ND	ug/kg	49.7	1		11/07/07 21:04	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1		11/07/07 21:04	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.0	1		11/07/07 21:04	99-87-6	
Methylene Chloride	ND	ug/kg	9.9	2		11/07/07 21:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	49.7	1		11/07/07 21:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1		11/07/07 21:04	1634-04-4	
Naphthalene	ND	ug/kg	5.0	1		11/07/07 21:04	91-20-3	
n-Propylbenzene	ND	ug/kg	5.0	1		11/07/07 21:04	103-65-1	
Styrene	ND	ug/kg	5.0	1		11/07/07 21:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.0	1		11/07/07 21:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	1		11/07/07 21:04	79-34-5	
Tetrachloroethene	ND	ug/kg	5.0	1		11/07/07 21:04	127-18-4	
Toluene	ND	ug/kg	5.0	1		11/07/07 21:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	1		11/07/07 21:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	1		11/07/07 21:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.0	1		11/07/07 21:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.0	1		11/07/07 21:04	79-00-5	
Trichloroethene	ND	ug/kg	5.0	1		11/07/07 21:04	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.0	1		11/07/07 21:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.0	1		11/07/07 21:04	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1		11/07/07 21:04	95-63-6	

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ANALYTICAL RESULTS

Project: Ivey-Cline
Pace Project No.: 927028

Sample: SS101-S7-110207 **Lab ID: 927028002** Collected: 11/02/07 10:45 Received: 11/03/07 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1		11/07/07 21:04	108-67-8	
Vinyl acetate	ND	ug/kg	49.7	1		11/07/07 21:04	108-05-4	
Vinyl chloride	ND	ug/kg	9.9	1		11/07/07 21:04	75-01-4	
Xylene (Total)	ND	ug/kg	9.9	1		11/07/07 21:04	1330-20-7	
m&p-Xylene	ND	ug/kg	9.9	1		11/07/07 21:04	1330-20-7	
o-Xylene	ND	ug/kg	5.0	1		11/07/07 21:04	95-47-6	
Dibromofluoromethane (S)	100	%	79-116	1		11/07/07 21:04	1868-53-7	
Toluene-d8 (S)	104	%	88-110	1		11/07/07 21:04	2037-26-5	
4-Bromofluorobenzene (S)	106	%	74-115	1		11/07/07 21:04	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	69-121	1		11/07/07 21:04	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**12.7**	%	0.10	1		11/06/07 13:08		

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ANALYTICAL RESULTS

Project: Ivey-Cline
Pace Project No.: 927028

Sample: SS102-S4-110207 **Lab ID: 927028003** Collected: 11/02/07 12:15 Received: 11/03/07 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PFE	Analytical Method: EPA 8270 Preparation Method: EPA 3545							
Acenaphthene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	83-32-9	
Acenaphthylene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	208-96-8	
Aniline	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	62-53-3	
Anthracene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	120-12-7	
Benzo(a)anthracene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	56-55-3	
Benzo(a)pyrene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	207-08-9	
Benzoic acid	ND	ug/kg	1790	1	11/07/07 00:00	11/08/07 18:11	65-85-0	
Benzyl alcohol	ND	ug/kg	716	1	11/07/07 00:00	11/08/07 18:11	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	101-55-3	
Butylbenzylphthalate	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	716	1	11/07/07 00:00	11/08/07 18:11	59-50-7	
4-Chloroaniline	ND	ug/kg	1790	1	11/07/07 00:00	11/08/07 18:11	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	108-60-1	
2-Chloronaphthalene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	91-58-7	
2-Chlorophenol	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	7005-72-3	
Chrysene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	53-70-3	
Dibenzofuran	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1790	1	11/07/07 00:00	11/08/07 18:11	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	120-83-2	
Diethylphthalate	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	105-67-9	
Dimethylphthalate	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	131-11-3	
Di-n-butylphthalate	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	716	1	11/07/07 00:00	11/08/07 18:11	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1790	1	11/07/07 00:00	11/08/07 18:11	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	606-20-2	
Di-n-octylphthalate	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	117-81-7	
Fluoranthene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	206-44-0	
Fluorene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	87-68-3	
Hexachlorobenzene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	77-47-4	
Hexachloroethane	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	67-72-1	

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ANALYTICAL RESULTS

Project: Ivey-Cline
Pace Project No.: 927028

Sample: SS102-S4-110207 **Lab ID: 927028003** Collected: 11/02/07 12:15 Received: 11/03/07 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PFE	Analytical Method: EPA 8270 Preparation Method: EPA 3545							
Indeno(1,2,3-cd)pyrene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	193-39-5	
Isophorone	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	78-59-1	
1-Methylnaphthalene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	90-12-0	
2-Methylnaphthalene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11		
Naphthalene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	91-20-3	
2-Nitroaniline	ND	ug/kg	1790	1	11/07/07 00:00	11/08/07 18:11	88-74-4	
3-Nitroaniline	ND	ug/kg	1790	1	11/07/07 00:00	11/08/07 18:11	99-09-2	
4-Nitroaniline	ND	ug/kg	716	1	11/07/07 00:00	11/08/07 18:11	100-01-6	
Nitrobenzene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	98-95-3	
2-Nitrophenol	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	88-75-5	
4-Nitrophenol	ND	ug/kg	1790	1	11/07/07 00:00	11/08/07 18:11	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	86-30-6	
Pentachlorophenol	ND	ug/kg	1790	1	11/07/07 00:00	11/08/07 18:11	87-86-5	
Phenanthrene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	85-01-8	
Phenol	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	108-95-2	
Pyrene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	358	1	11/07/07 00:00	11/08/07 18:11	88-06-2	
Nitrobenzene-d5 (S)	65	%	10-120	1	11/07/07 00:00	11/08/07 18:11	4165-60-0	
2-Fluorobiphenyl (S)	58	%	10-120	1	11/07/07 00:00	11/08/07 18:11	321-60-8	
Terphenyl-d14 (S)	55	%	10-116	1	11/07/07 00:00	11/08/07 18:11	1718-51-0	
Phenol-d6 (S)	59	%	10-120	1	11/07/07 00:00	11/08/07 18:11	13127-88-3	
2-Fluorophenol (S)	53	%	10-120	1	11/07/07 00:00	11/08/07 18:11	367-12-4	
2,4,6-Tribromophenol (S)	44	%	10-116	1	11/07/07 00:00	11/08/07 18:11	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	88.2	1		11/07/07 21:23	67-64-1	
Benzene	ND	ug/kg	4.4	1		11/07/07 21:23	71-43-2	
Bromobenzene	ND	ug/kg	4.4	1		11/07/07 21:23	108-86-1	
Bromochloromethane	ND	ug/kg	4.4	1		11/07/07 21:23	74-97-5	
Bromodichloromethane	ND	ug/kg	4.4	1		11/07/07 21:23	75-27-4	
Bromoform	ND	ug/kg	4.4	1		11/07/07 21:23	75-25-2	
Bromomethane	ND	ug/kg	8.8	1		11/07/07 21:23	74-83-9	
2-Butanone (MEK)	ND	ug/kg	88.2	1		11/07/07 21:23	78-93-3	
n-Butylbenzene	ND	ug/kg	4.4	1		11/07/07 21:23	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.4	1		11/07/07 21:23	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.4	1		11/07/07 21:23	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.4	1		11/07/07 21:23	56-23-5	
Chlorobenzene	ND	ug/kg	4.4	1		11/07/07 21:23	108-90-7	
Chloroethane	ND	ug/kg	8.8	1		11/07/07 21:23	75-00-3	
Chloroform	ND	ug/kg	4.4	1		11/07/07 21:23	67-66-3	

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ANALYTICAL RESULTS

Project: Ivey-Cline
Pace Project No.: 927028

Sample: SS102-S4-110207 **Lab ID: 927028003** Collected: 11/02/07 12:15 Received: 11/03/07 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Chloromethane	ND	ug/kg	8.8	1		11/07/07 21:23	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.4	1		11/07/07 21:23	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.4	1		11/07/07 21:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.4	1		11/07/07 21:23	96-12-8	
Dibromochloromethane	ND	ug/kg	4.4	1		11/07/07 21:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.4	1		11/07/07 21:23	106-93-4	
Dibromomethane	ND	ug/kg	4.4	1		11/07/07 21:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.4	1		11/07/07 21:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.4	1		11/07/07 21:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.4	1		11/07/07 21:23	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.8	1		11/07/07 21:23	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.4	1		11/07/07 21:23	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.4	1		11/07/07 21:23	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.4	1		11/07/07 21:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.4	1		11/07/07 21:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.4	1		11/07/07 21:23	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.4	1		11/07/07 21:23	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.4	1		11/07/07 21:23	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.4	1		11/07/07 21:23	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.4	1		11/07/07 21:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	1		11/07/07 21:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	1		11/07/07 21:23	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.4	1		11/07/07 21:23	108-20-3	
Ethylbenzene	ND	ug/kg	4.4	1		11/07/07 21:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.4	1		11/07/07 21:23	87-68-3	
2-Hexanone	ND	ug/kg	44.1	1		11/07/07 21:23	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	1		11/07/07 21:23	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.4	1		11/07/07 21:23	99-87-6	
Methylene Chloride	ND	ug/kg	4.4	1		11/07/07 21:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	44.1	1		11/07/07 21:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.4	1		11/07/07 21:23	1634-04-4	
Naphthalene	ND	ug/kg	4.4	1		11/07/07 21:23	91-20-3	
n-Propylbenzene	ND	ug/kg	4.4	1		11/07/07 21:23	103-65-1	
Styrene	ND	ug/kg	4.4	1		11/07/07 21:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.4	1		11/07/07 21:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	1		11/07/07 21:23	79-34-5	
Tetrachloroethene	ND	ug/kg	4.4	1		11/07/07 21:23	127-18-4	
Toluene	ND	ug/kg	4.4	1		11/07/07 21:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.4	1		11/07/07 21:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.4	1		11/07/07 21:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.4	1		11/07/07 21:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.4	1		11/07/07 21:23	79-00-5	
Trichloroethene	ND	ug/kg	4.4	1		11/07/07 21:23	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.4	1		11/07/07 21:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.4	1		11/07/07 21:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.4	1		11/07/07 21:23	95-63-6	

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ANALYTICAL RESULTS

Project: Ivey-Cline
Pace Project No.: 927028

Sample: SS102-S4-110207 **Lab ID: 927028003** Collected: 11/02/07 12:15 Received: 11/03/07 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
1,3,5-Trimethylbenzene	ND	ug/kg	4.4	1		11/07/07 21:23	108-67-8	
Vinyl acetate	ND	ug/kg	44.1	1		11/07/07 21:23	108-05-4	
Vinyl chloride	ND	ug/kg	8.8	1		11/07/07 21:23	75-01-4	
Xylene (Total)	ND	ug/kg	8.8	1		11/07/07 21:23	1330-20-7	
m&p-Xylene	ND	ug/kg	8.8	1		11/07/07 21:23	1330-20-7	
o-Xylene	ND	ug/kg	4.4	1		11/07/07 21:23	95-47-6	
Dibromofluoromethane (S)	99	%	79-116	1		11/07/07 21:23	1868-53-7	
Toluene-d8 (S)	100	%	88-110	1		11/07/07 21:23	2037-26-5	
4-Bromofluorobenzene (S)	89	%	74-115	1		11/07/07 21:23	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	69-121	1		11/07/07 21:23	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	7.9	%	0.10	1		11/06/07 13:08		

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ANALYTICAL RESULTS

Project: Ivey-Cline
Pace Project No.: 927028

Sample: SS103-S1-110207 **Lab ID: 927028004** Collected: 11/02/07 12:45 Received: 11/03/07 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PFE	Analytical Method: EPA 8270 Preparation Method: EPA 3545							
Acenaphthene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	83-32-9	
Acenaphthylene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	208-96-8	
Aniline	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	62-53-3	
Anthracene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	120-12-7	
Benzo(a)anthracene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	56-55-3	
Benzo(a)pyrene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	207-08-9	
Benzoic acid	ND	ug/kg	2150	1	11/07/07 00:00	11/08/07 18:32	65-85-0	
Benzyl alcohol	ND	ug/kg	861	1	11/07/07 00:00	11/08/07 18:32	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	101-55-3	
Butylbenzylphthalate	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	861	1	11/07/07 00:00	11/08/07 18:32	59-50-7	
4-Chloroaniline	ND	ug/kg	2150	1	11/07/07 00:00	11/08/07 18:32	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	108-60-1	
2-Chloronaphthalene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	91-58-7	
2-Chlorophenol	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	7005-72-3	
Chrysene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	53-70-3	
Dibenzofuran	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	2150	1	11/07/07 00:00	11/08/07 18:32	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	120-83-2	
Diethylphthalate	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	105-67-9	
Dimethylphthalate	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	131-11-3	
Di-n-butylphthalate	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	861	1	11/07/07 00:00	11/08/07 18:32	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2150	1	11/07/07 00:00	11/08/07 18:32	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	606-20-2	
Di-n-octylphthalate	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	117-81-7	
Fluoranthene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	206-44-0	
Fluorene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	87-68-3	
Hexachlorobenzene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	77-47-4	
Hexachloroethane	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	67-72-1	

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ANALYTICAL RESULTS

Project: Ivey-Cline
Pace Project No.: 927028

Sample: SS~~1~~2-S1-110207 **Lab ID: 927028004** Collected: 11/02/07 12:45 Received: 11/03/07 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PFE	Analytical Method: EPA 8270 Preparation Method: EPA 3545							
Indeno(1,2,3-cd)pyrene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	193-39-5	
Isophorone	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	78-59-1	
1-Methylnaphthalene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	90-12-0	
2-Methylnaphthalene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32		
Naphthalene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	91-20-3	
2-Nitroaniline	ND	ug/kg	2150	1	11/07/07 00:00	11/08/07 18:32	88-74-4	
3-Nitroaniline	ND	ug/kg	2150	1	11/07/07 00:00	11/08/07 18:32	99-09-2	
4-Nitroaniline	ND	ug/kg	861	1	11/07/07 00:00	11/08/07 18:32	100-01-6	
Nitrobenzene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	98-95-3	
2-Nitrophenol	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	88-75-5	
4-Nitrophenol	ND	ug/kg	2150	1	11/07/07 00:00	11/08/07 18:32	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	86-30-6	
Pentachlorophenol	ND	ug/kg	2150	1	11/07/07 00:00	11/08/07 18:32	87-86-5	
Phenanthrene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	85-01-8	
Phenol	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	108-95-2	
Pyrene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	431	1	11/07/07 00:00	11/08/07 18:32	88-06-2	
Nitrobenzene-d5 (S)	22	%	10-120	1	11/07/07 00:00	11/08/07 18:32	4165-60-0	
2-Fluorobiphenyl (S)	23	%	10-120	1	11/07/07 00:00	11/08/07 18:32	321-60-8	
Terphenyl-d14 (S)	37	%	10-116	1	11/07/07 00:00	11/08/07 18:32	1718-51-0	
Phenol-d6 (S)	24	%	10-120	1	11/07/07 00:00	11/08/07 18:32	13127-88-3	
2-Fluorophenol (S)	22	%	10-120	1	11/07/07 00:00	11/08/07 18:32	367-12-4	
2,4,6-Tribromophenol (S)	24	%	10-116	1	11/07/07 00:00	11/08/07 18:32	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	111	1		11/12/07 17:43	67-64-1	
Benzene	ND	ug/kg	5.6	1		11/12/07 17:43	71-43-2	
Bromobenzene	ND	ug/kg	5.6	1		11/12/07 17:43	108-86-1	
Bromochloromethane	ND	ug/kg	5.6	1		11/12/07 17:43	74-97-5	
Bromodichloromethane	ND	ug/kg	5.6	1		11/12/07 17:43	75-27-4	
Bromoform	ND	ug/kg	5.6	1		11/12/07 17:43	75-25-2	
Bromomethane	ND	ug/kg	11.1	1		11/12/07 17:43	74-83-9	
2-Butanone (MEK)	ND	ug/kg	111	1		11/12/07 17:43	78-93-3	
n-Butylbenzene	ND	ug/kg	5.6	1		11/12/07 17:43	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.6	1		11/12/07 17:43	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.6	1		11/12/07 17:43	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.6	1		11/12/07 17:43	56-23-5	
Chlorobenzene	ND	ug/kg	5.6	1		11/12/07 17:43	108-90-7	
Chloroethane	ND	ug/kg	11.1	1		11/12/07 17:43	75-00-3	
Chloroform	ND	ug/kg	5.6	1		11/12/07 17:43	67-66-3	

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ANALYTICAL RESULTS

Project: Ivey-Cline
Pace Project No.: 927028

Sample: SS103-S1-110207 **Lab ID: 927028004** Collected: 11/02/07 12:45 Received: 11/03/07 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Chloromethane	ND	ug/kg	11.1	1		11/12/07 17:43	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.6	1		11/12/07 17:43	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.6	1		11/12/07 17:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.6	1		11/12/07 17:43	96-12-8	
Dibromochloromethane	ND	ug/kg	5.6	1		11/12/07 17:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.6	1		11/12/07 17:43	106-93-4	
Dibromomethane	ND	ug/kg	5.6	1		11/12/07 17:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.6	1		11/12/07 17:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.6	1		11/12/07 17:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.6	1		11/12/07 17:43	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.1	1		11/12/07 17:43	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.6	1		11/12/07 17:43	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.6	1		11/12/07 17:43	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.6	1		11/12/07 17:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.6	1		11/12/07 17:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.6	1		11/12/07 17:43	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.6	1		11/12/07 17:43	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.6	1		11/12/07 17:43	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.6	1		11/12/07 17:43	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.6	1		11/12/07 17:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.6	1		11/12/07 17:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.6	1		11/12/07 17:43	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.6	1		11/12/07 17:43	108-20-3	
Ethylbenzene	ND	ug/kg	5.6	1		11/12/07 17:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.6	1		11/12/07 17:43	87-68-3	
2-Hexanone	ND	ug/kg	55.6	1		11/12/07 17:43	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.6	1		11/12/07 17:43	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.6	1		11/12/07 17:43	99-87-6	
Methylene Chloride	ND	ug/kg	16.7	3		11/12/07 17:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	55.6	1		11/12/07 17:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.6	1		11/12/07 17:43	1634-04-4	
Naphthalene	ND	ug/kg	5.6	1		11/12/07 17:43	91-20-3	
n-Propylbenzene	ND	ug/kg	5.6	1		11/12/07 17:43	103-65-1	
Styrene	ND	ug/kg	5.6	1		11/12/07 17:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.6	1		11/12/07 17:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.6	1		11/12/07 17:43	79-34-5	
Tetrachloroethene	ND	ug/kg	5.6	1		11/12/07 17:43	127-18-4	
Toluene	ND	ug/kg	5.6	1		11/12/07 17:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.6	1		11/12/07 17:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.6	1		11/12/07 17:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.6	1		11/12/07 17:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.6	1		11/12/07 17:43	79-00-5	
Trichloroethene	ND	ug/kg	5.6	1		11/12/07 17:43	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.6	1		11/12/07 17:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.6	1		11/12/07 17:43	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.6	1		11/12/07 17:43	95-63-6	

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ANALYTICAL RESULTS

Project: Ivey-Cline
Pace Project No.: 927028

Sample: SS103-S1-110207 **Lab ID: 927028004** Collected: 11/02/07 12:45 Received: 11/03/07 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
1,3,5-Trimethylbenzene	ND	ug/kg	5.6	1		11/12/07 17:43	108-67-8	
Vinyl acetate	ND	ug/kg	55.6	1		11/12/07 17:43	108-05-4	
Vinyl chloride	ND	ug/kg	11.1	1		11/12/07 17:43	75-01-4	
Xylene (Total)	ND	ug/kg	11.1	1		11/12/07 17:43	1330-20-7	
m&p-Xylene	ND	ug/kg	11.1	1		11/12/07 17:43	1330-20-7	
o-Xylene	ND	ug/kg	5.6	1		11/12/07 17:43	95-47-6	
Dibromofluoromethane (S)	124	%	79-116	1		11/12/07 17:43	1868-53-7	S6
Toluene-d8 (S)	100	%	88-110	1		11/12/07 17:43	2037-26-5	
4-Bromofluorobenzene (S)	91	%	74-115	1		11/12/07 17:43	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%	69-121	1		11/12/07 17:43	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**23.4**	%	0.10	1		11/06/07 13:08		

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ANALYTICAL RESULTS

Project: Ivey-Cline
Pace Project No.: 927028

Sample: SS~~1~~2-S7-110207 **Lab ID: 927028005** Collected: 11/02/07 15:00 Received: 11/03/07 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PFE	Analytical Method: EPA 8270 Preparation Method: EPA 3545							
Acenaphthene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	83-32-9	
Acenaphthylene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	208-96-8	
Aniline	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	62-53-3	
Anthracene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	120-12-7	
Benzo(a)anthracene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	56-55-3	
Benzo(a)pyrene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	207-08-9	
Benzoic acid	ND	ug/kg	1820	1	11/07/07 00:00	11/08/07 18:52	65-85-0	
Benzyl alcohol	ND	ug/kg	730	1	11/07/07 00:00	11/08/07 18:52	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	101-55-3	
Butylbenzylphthalate	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	730	1	11/07/07 00:00	11/08/07 18:52	59-50-7	
4-Chloroaniline	ND	ug/kg	1820	1	11/07/07 00:00	11/08/07 18:52	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	108-60-1	
2-Chloronaphthalene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	91-58-7	
2-Chlorophenol	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	7005-72-3	
Chrysene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	53-70-3	
Dibenzofuran	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1820	1	11/07/07 00:00	11/08/07 18:52	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	120-83-2	
Diethylphthalate	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	105-67-9	
Dimethylphthalate	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	131-11-3	
Di-n-butylphthalate	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	730	1	11/07/07 00:00	11/08/07 18:52	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1820	1	11/07/07 00:00	11/08/07 18:52	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	606-20-2	
Di-n-octylphthalate	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	117-81-7	
Fluoranthene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	206-44-0	
Fluorene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	87-68-3	
Hexachlorobenzene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	77-47-4	
Hexachloroethane	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	67-72-1	

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ANALYTICAL RESULTS

Project: Ivey-Cline
Pace Project No.: 927028

Sample: SS104-S7-110207 **Lab ID: 927028005** Collected: 11/02/07 15:00 Received: 11/03/07 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PFE	Analytical Method: EPA 8270 Preparation Method: EPA 3545							
Indeno(1,2,3-cd)pyrene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	193-39-5	
Isophorone	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	78-59-1	
1-Methylnaphthalene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	90-12-0	
2-Methylnaphthalene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52		
Naphthalene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	91-20-3	
2-Nitroaniline	ND	ug/kg	1820	1	11/07/07 00:00	11/08/07 18:52	88-74-4	
3-Nitroaniline	ND	ug/kg	1820	1	11/07/07 00:00	11/08/07 18:52	99-09-2	
4-Nitroaniline	ND	ug/kg	730	1	11/07/07 00:00	11/08/07 18:52	100-01-6	
Nitrobenzene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	98-95-3	
2-Nitrophenol	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	88-75-5	
4-Nitrophenol	ND	ug/kg	1820	1	11/07/07 00:00	11/08/07 18:52	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	86-30-6	
Pentachlorophenol	ND	ug/kg	1820	1	11/07/07 00:00	11/08/07 18:52	87-86-5	
Phenanthrene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	85-01-8	
Phenol	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	108-95-2	
Pyrene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	365	1	11/07/07 00:00	11/08/07 18:52	88-06-2	
Nitrobenzene-d5 (S)	49	%	10-120	1	11/07/07 00:00	11/08/07 18:52	4165-60-0	
2-Fluorobiphenyl (S)	48	%	10-120	1	11/07/07 00:00	11/08/07 18:52	321-60-8	
Terphenyl-d14 (S)	51	%	10-116	1	11/07/07 00:00	11/08/07 18:52	1718-51-0	
Phenol-d6 (S)	43	%	10-120	1	11/07/07 00:00	11/08/07 18:52	13127-88-3	
2-Fluorophenol (S)	37	%	10-120	1	11/07/07 00:00	11/08/07 18:52	367-12-4	
2,4,6-Tribromophenol (S)	33	%	10-116	1	11/07/07 00:00	11/08/07 18:52	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	92.9	1		11/12/07 18:02	67-64-1	
Benzene	ND	ug/kg	4.6	1		11/12/07 18:02	71-43-2	
Bromobenzene	ND	ug/kg	4.6	1		11/12/07 18:02	108-86-1	
Bromochloromethane	ND	ug/kg	4.6	1		11/12/07 18:02	74-97-5	
Bromodichloromethane	ND	ug/kg	4.6	1		11/12/07 18:02	75-27-4	
Bromoform	ND	ug/kg	4.6	1		11/12/07 18:02	75-25-2	
Bromomethane	ND	ug/kg	9.3	1		11/12/07 18:02	74-83-9	
2-Butanone (MEK)	ND	ug/kg	92.9	1		11/12/07 18:02	78-93-3	
n-Butylbenzene	ND	ug/kg	4.6	1		11/12/07 18:02	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.6	1		11/12/07 18:02	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.6	1		11/12/07 18:02	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.6	1		11/12/07 18:02	56-23-5	
Chlorobenzene	ND	ug/kg	4.6	1		11/12/07 18:02	108-90-7	
Chloroethane	ND	ug/kg	9.3	1		11/12/07 18:02	75-00-3	
Chloroform	ND	ug/kg	4.6	1		11/12/07 18:02	67-66-3	

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ANALYTICAL RESULTS

Project: Ivey-Cline
Pace Project No.: 927028

Sample: SS104-S7-110207 **Lab ID: 927028005** Collected: 11/02/07 15:00 Received: 11/03/07 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Chloromethane	ND	ug/kg	9.3	1		11/12/07 18:02	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.6	1		11/12/07 18:02	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.6	1		11/12/07 18:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.6	1		11/12/07 18:02	96-12-8	
Dibromochloromethane	ND	ug/kg	4.6	1		11/12/07 18:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.6	1		11/12/07 18:02	106-93-4	
Dibromomethane	ND	ug/kg	4.6	1		11/12/07 18:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.6	1		11/12/07 18:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.6	1		11/12/07 18:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.6	1		11/12/07 18:02	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.3	1		11/12/07 18:02	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.6	1		11/12/07 18:02	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.6	1		11/12/07 18:02	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.6	1		11/12/07 18:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.6	1		11/12/07 18:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.6	1		11/12/07 18:02	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.6	1		11/12/07 18:02	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.6	1		11/12/07 18:02	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.6	1		11/12/07 18:02	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.6	1		11/12/07 18:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.6	1		11/12/07 18:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.6	1		11/12/07 18:02	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.6	1		11/12/07 18:02	108-20-3	
Ethylbenzene	ND	ug/kg	4.6	1		11/12/07 18:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.6	1		11/12/07 18:02	87-68-3	
2-Hexanone	ND	ug/kg	46.5	1		11/12/07 18:02	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	1		11/12/07 18:02	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.6	1		11/12/07 18:02	99-87-6	
Methylene Chloride	ND	ug/kg	13.9	3		11/12/07 18:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	46.5	1		11/12/07 18:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.6	1		11/12/07 18:02	1634-04-4	
Naphthalene	ND	ug/kg	4.6	1		11/12/07 18:02	91-20-3	
n-Propylbenzene	ND	ug/kg	4.6	1		11/12/07 18:02	103-65-1	
Styrene	ND	ug/kg	4.6	1		11/12/07 18:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.6	1		11/12/07 18:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	1		11/12/07 18:02	79-34-5	
Tetrachloroethene	ND	ug/kg	4.6	1		11/12/07 18:02	127-18-4	
Toluene	ND	ug/kg	4.6	1		11/12/07 18:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.6	1		11/12/07 18:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.6	1		11/12/07 18:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.6	1		11/12/07 18:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.6	1		11/12/07 18:02	79-00-5	
Trichloroethene	ND	ug/kg	4.6	1		11/12/07 18:02	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.6	1		11/12/07 18:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.6	1		11/12/07 18:02	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.6	1		11/12/07 18:02	95-63-6	

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ANALYTICAL RESULTS

Project: Ivey-Cline
Pace Project No.: 927028

Sample: SS104-S7-110207 **Lab ID: 927028005** Collected: 11/02/07 15:00 Received: 11/03/07 09:15 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
1,3,5-Trimethylbenzene	ND	ug/kg	4.6	1		11/12/07 18:02	108-67-8	
Vinyl acetate	ND	ug/kg	46.5	1		11/12/07 18:02	108-05-4	
Vinyl chloride	ND	ug/kg	9.3	1		11/12/07 18:02	75-01-4	
Xylene (Total)	ND	ug/kg	9.3	1		11/12/07 18:02	1330-20-7	
m&p-Xylene	ND	ug/kg	9.3	1		11/12/07 18:02	1330-20-7	
o-Xylene	ND	ug/kg	4.6	1		11/12/07 18:02	95-47-6	
Dibromofluoromethane (S)	120	%	79-116	1		11/12/07 18:02	1868-53-7	S6
Toluene-d8 (S)	104	%	88-110	1		11/12/07 18:02	2037-26-5	
4-Bromofluorobenzene (S)	86	%	74-115	1		11/12/07 18:02	460-00-4	
1,2-Dichloroethane-d4 (S)	115	%	69-121	1		11/12/07 18:02	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.6**	%	0.10	1		11/06/07 13:09		

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QUALITY CONTROL DATA

Project: Ivey-Cline
Pace Project No.: 927028

QC Batch: PMST/1193 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 927028001, 927028002, 927028003, 927028004, 927028005

SAMPLE DUPLICATE: 36664

Parameter	Units	927073001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	14.0	13.5	4	

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QUALITY CONTROL DATA

Project: Ivey-Cline
Pace Project No.: 927028

QC Batch: OEXT/1653
QC Batch Method: EPA 3545
Analysis Method: EPA 8270
Analysis Description: 8270 Solid MSSV
Associated Lab Samples: 927028001

METHOD BLANK: 36685
Associated Lab Samples: 927028001

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	330	
1,2-Dichlorobenzene	ug/kg	ND	330	
1,2-Diphenylhydrazine	ug/kg	ND	330	
1,3-Dichlorobenzene	ug/kg	ND	330	
1,4-Dichlorobenzene	ug/kg	ND	330	
1-Methylnaphthalene	ug/kg	ND	330	
2,4,5-Trichlorophenol	ug/kg	ND	330	
2,4,6-Trichlorophenol	ug/kg	ND	330	
2,4-Dichlorophenol	ug/kg	ND	330	
2,4-Dimethylphenol	ug/kg	ND	330	
2,4-Dinitrophenol	ug/kg	ND	1650	
2,4-Dinitrotoluene	ug/kg	ND	330	
2,6-Dinitrotoluene	ug/kg	ND	330	
2-Chloronaphthalene	ug/kg	ND	330	
2-Chlorophenol	ug/kg	ND	330	
2-Methylnaphthalene	ug/kg	ND	330	
2-Methylphenol(o-Cresol)	ug/kg	ND	330	
2-Nitroaniline	ug/kg	ND	1650	
2-Nitrophenol	ug/kg	ND	330	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	330	
3,3'-Dichlorobenzidine	ug/kg	ND	1650	
3-Nitroaniline	ug/kg	ND	1650	
4,6-Dinitro-2-methylphenol	ug/kg	ND	660	
4-Bromophenylphenyl ether	ug/kg	ND	330	
4-Chloro-3-methylphenol	ug/kg	ND	660	
4-Chloroaniline	ug/kg	ND	1650	
4-Chlorophenylphenyl ether	ug/kg	ND	330	
4-Nitroaniline	ug/kg	ND	660	
4-Nitrophenol	ug/kg	ND	1650	
Acenaphthene	ug/kg	ND	330	
Acenaphthylene	ug/kg	ND	330	
Aniline	ug/kg	ND	330	
Anthracene	ug/kg	ND	330	
Benzo(a)anthracene	ug/kg	ND	330	
Benzo(a)pyrene	ug/kg	ND	330	
Benzo(b)fluoranthene	ug/kg	ND	330	
Benzo(g,h,i)perylene	ug/kg	ND	330	
Benzo(k)fluoranthene	ug/kg	ND	330	
Benzoic acid	ug/kg	ND	1650	
Benzyl alcohol	ug/kg	ND	660	
bis(2-Chloroethoxy)methane	ug/kg	ND	330	
bis(2-Chloroethyl) ether	ug/kg	ND	330	
bis(2-Chloroisopropyl) ether	ug/kg	ND	330	

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QUALITY CONTROL DATA

Project: Ivey-Cline
Pace Project No.: 927028

METHOD BLANK: 36685

Associated Lab Samples: 927028001

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	
Butylbenzylphthalate	ug/kg	ND	330	
Chrysene	ug/kg	ND	330	
Di-n-butylphthalate	ug/kg	ND	330	
Di-n-octylphthalate	ug/kg	ND	330	
Dibenz(a,h)anthracene	ug/kg	ND	330	
Dibenzofuran	ug/kg	ND	330	
Diethylphthalate	ug/kg	ND	330	
Dimethylphthalate	ug/kg	ND	330	
Fluoranthene	ug/kg	ND	330	
Fluorene	ug/kg	ND	330	
Hexachloro-1,3-butadiene	ug/kg	ND	330	
Hexachlorobenzene	ug/kg	ND	330	
Hexachlorocyclopentadiene	ug/kg	ND	330	
Hexachloroethane	ug/kg	ND	330	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	
Isophorone	ug/kg	ND	330	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	
N-Nitrosodimethylamine	ug/kg	ND	330	
N-Nitrosodiphenylamine	ug/kg	ND	330	
Naphthalene	ug/kg	ND	330	
Nitrobenzene	ug/kg	ND	330	
Pentachlorophenol	ug/kg	ND	1650	
Phenanthrene	ug/kg	ND	330	
Phenol	ug/kg	ND	330	
Pyrene	ug/kg	ND	330	
2,4,6-Tribromophenol (S)	%	70	10-116	
2-Fluorobiphenyl (S)	%	69	10-120	
2-Fluorophenol (S)	%	69	10-120	
Nitrobenzene-d5 (S)	%	72	10-120	
Phenol-d6 (S)	%	70	10-120	
Terphenyl-d14 (S)	%	68	10-116	

LABORATORY CONTROL SAMPLE: 36686

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	786	47	21-102	
1,2-Dichlorobenzene	ug/kg	1670	927	56	32-120	
1,2-Diphenylhydrazine	ug/kg	1670	1290	78	31-101	
1,3-Dichlorobenzene	ug/kg	1670	934	56	29-120	
1,4-Dichlorobenzene	ug/kg	1670	915	55	32-120	
1-Methylnaphthalene	ug/kg	1670	1030	62	29-108	
2,4,5-Trichlorophenol	ug/kg	1670	971	58	41-112	
2,4,6-Trichlorophenol	ug/kg	1670	1070	64	35-116	
2,4-Dichlorophenol	ug/kg	1670	879	53	25-110	

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QUALITY CONTROL DATA

Project: Ivey-Cline
Pace Project No.: 927028

LABORATORY CONTROL SAMPLE: 36686

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/kg	1670	979	59	31-101	
2,4-Dinitrophenol	ug/kg	1670	566J	34	10-128	
2,4-Dinitrotoluene	ug/kg	1670	1020	61	43-120	
2,6-Dinitrotoluene	ug/kg	1670	988	59	39-120	
2-Chloronaphthalene	ug/kg	1670	969	58	40-109	
2-Chlorophenol	ug/kg	1670	1090	65	28-102	
2-Methylnaphthalene	ug/kg	1670	744	45	30-104	
2-Methylphenol(o-Cresol)	ug/kg	1670	1130	68	31-101	
2-Nitroaniline	ug/kg	1670	1170J	70	39-109	
2-Nitrophenol	ug/kg	1670	910	55	22-104	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1020	61	30-112	
3,3'-Dichlorobenzidine	ug/kg	1670	960J	58	10-120	
3-Nitroaniline	ug/kg	1670	1220J	73	16-141	
4,6-Dinitro-2-methylphenol	ug/kg	1670	755	45	28-119	
4-Bromophenylphenyl ether	ug/kg	1670	1090	66	35-119	
4-Chloro-3-methylphenol	ug/kg	1670	981	59	28-116	
4-Chloroaniline	ug/kg	1670	1200J	72	26-135	
4-Chlorophenylphenyl ether	ug/kg	1670	1070	64	44-112	
4-Nitroaniline	ug/kg	1670	1170	70	15-155	
4-Nitrophenol	ug/kg	1670	1040J	62	25-119	
Acenaphthene	ug/kg	1670	1090	65	38-109	
Acenaphthylene	ug/kg	1670	1090	65	38-109	
Aniline	ug/kg	1670	1040	62	44-135	
Anthracene	ug/kg	1670	1210	73	45-114	
Benzo(a)anthracene	ug/kg	1670	1040	63	45-109	
Benzo(a)pyrene	ug/kg	1670	1130	68	47-117	
Benzo(b)fluoranthene	ug/kg	1670	894	54	32-113	
Benzo(g,h,i)perylene	ug/kg	1670	1220	73	10-149	
Benzo(k)fluoranthene	ug/kg	1670	1030	62	41-104	
Benzoic acid	ug/kg	1670	266J	16	10-120	
Benzyl alcohol	ug/kg	1670	1520	91	24-115	
bis(2-Chloroethoxy)methane	ug/kg	1670	912	55	23-110	
bis(2-Chloroethyl) ether	ug/kg	1670	1060	63	23-106	
bis(2-Chloroisopropyl) ether	ug/kg	1670	1140	69	17-110	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1120	67	30-130	
Butylbenzylphthalate	ug/kg	1670	1100	66	35-122	
Chrysene	ug/kg	1670	992	60	35-116	
Di-n-butylphthalate	ug/kg	1670	1140	68	40-118	
Di-n-octylphthalate	ug/kg	1670	1100	66	34-127	
Dibenz(a,h)anthracene	ug/kg	1670	1200	72	13-139	
Dibenzofuran	ug/kg	1670	976	59	45-109	
Diethylphthalate	ug/kg	1670	1110	66	45-110	
Dimethylphthalate	ug/kg	1670	1120	67	44-108	
Fluoranthene	ug/kg	1670	1100	66	43-110	
Fluorene	ug/kg	1670	1060	64	40-111	
Hexachloro-1,3-butadiene	ug/kg	1670	778	47	13-106	
Hexachlorobenzene	ug/kg	1670	987	59	31-126	
Hexachlorocyclopentadiene	ug/kg	1670	964	58	10-136	

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QUALITY CONTROL DATA

Project: Ivey-Cline
Pace Project No.: 927028

LABORATORY CONTROL SAMPLE: 36686

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachloroethane	ug/kg	1670	937	56	26-120	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1220	73	17-135	
Isophorone	ug/kg	1670	1080	65	13-179	
N-Nitroso-di-n-propylamine	ug/kg	1670	1250	75	26-115	
N-Nitrosodimethylamine	ug/kg	1670	1350	81	30-150	
N-Nitrosodiphenylamine	ug/kg	1670	1170	70	40-128	
Naphthalene	ug/kg	1670	859	52	26-120	
Nitrobenzene	ug/kg	1670	887	53	21-106	
Pentachlorophenol	ug/kg	1670	948J	57	17-140	
Phenanthrene	ug/kg	1670	1150	69	45-110	
Phenol	ug/kg	1670	1060	64	29-105	
Pyrene	ug/kg	1670	1010	61	38-114	
2,4,6-Tribromophenol (S)	%			79	10-116	
2-Fluorobiphenyl (S)	%			76	10-120	
2-Fluorophenol (S)	%			76	10-120	
Nitrobenzene-d5 (S)	%			70	10-120	
Phenol-d6 (S)	%			80	10-120	
Terphenyl-d14 (S)	%			70	10-116	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 36687 36688

Parameter	Units	927077015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2,4-Trichlorobenzene	ug/kg	ND	1810	1810	688	845	38	47	10-120	20	
1,4-Dichlorobenzene	ug/kg	ND	1810	1810	735	963	41	53	10-120	27	
2,4-Dinitrotoluene	ug/kg	ND	1810	1810	898	953	50	53	21-109	6	
2-Chlorophenol	ug/kg	ND	1810	1810	838	1120	46	62	10-120	29	
4-Chloro-3-methylphenol	ug/kg	ND	1810	1810	830	945	46	52	10-111	13	
4-Nitrophenol	ug/kg	ND	1810	1810	736J	903J	41	50	10-121	20	
Acenaphthene	ug/kg	ND	1810	1810	981	1110	54	62	17-104	12	
N-Nitroso-di-n-propylamine	ug/kg	ND	1810	1810	1040	1230	58	68	10-107	16	
Pentachlorophenol	ug/kg	ND	1810	1810	324J	482J	18	27	10-145	39	R1
Phenol	ug/kg	ND	1810	1810	909	1140	50	63	10-120	22	
Pyrene	ug/kg	ND	1810	1810	917	1020	51	57	13-114	11	
2,4,6-Tribromophenol (S)	%						58	62	10-116		
2-Fluorobiphenyl (S)	%						63	71	10-120		
2-Fluorophenol (S)	%						53	72	10-120		
Nitrobenzene-d5 (S)	%						56	69	10-120		
Phenol-d6 (S)	%						60	76	10-120		
Terphenyl-d14 (S)	%						62	64	10-116		

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QUALITY CONTROL DATA

Project: Ivey-Cline
Pace Project No.: 927028

QC Batch: OEXT/1668 Analysis Method: EPA 8270
QC Batch Method: EPA 3545 Analysis Description: 8270 Solid MSSV
Associated Lab Samples: 927028002, 927028003, 927028004, 927028005

METHOD BLANK: 37405
Associated Lab Samples: 927028002, 927028003, 927028004, 927028005

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	330	
1,2-Dichlorobenzene	ug/kg	ND	330	
1,2-Diphenylhydrazine	ug/kg	ND	330	
1,3-Dichlorobenzene	ug/kg	ND	330	
1,4-Dichlorobenzene	ug/kg	ND	330	
1-Methylnaphthalene	ug/kg	ND	330	
2,4,5-Trichlorophenol	ug/kg	ND	330	
2,4,6-Trichlorophenol	ug/kg	ND	330	
2,4-Dichlorophenol	ug/kg	ND	330	
2,4-Dimethylphenol	ug/kg	ND	330	
2,4-Dinitrophenol	ug/kg	ND	1650	
2,4-Dinitrotoluene	ug/kg	ND	330	
2,6-Dinitrotoluene	ug/kg	ND	330	
2-Chloronaphthalene	ug/kg	ND	330	
2-Chlorophenol	ug/kg	ND	330	
2-Methylnaphthalene	ug/kg	ND	330	
2-Methylphenol(o-Cresol)	ug/kg	ND	330	
2-Nitroaniline	ug/kg	ND	1650	
2-Nitrophenol	ug/kg	ND	330	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	330	
3,3'-Dichlorobenzidine	ug/kg	ND	1650	
3-Nitroaniline	ug/kg	ND	1650	
4,6-Dinitro-2-methylphenol	ug/kg	ND	660	
4-Bromophenylphenyl ether	ug/kg	ND	330	
4-Chloro-3-methylphenol	ug/kg	ND	660	
4-Chloroaniline	ug/kg	ND	1650	
4-Chlorophenylphenyl ether	ug/kg	ND	330	
4-Nitroaniline	ug/kg	ND	660	
4-Nitrophenol	ug/kg	ND	1650	
Acenaphthene	ug/kg	ND	330	
Acenaphthylene	ug/kg	ND	330	
Aniline	ug/kg	ND	330	
Anthracene	ug/kg	ND	330	
Benzo(a)anthracene	ug/kg	ND	330	
Benzo(a)pyrene	ug/kg	ND	330	
Benzo(b)fluoranthene	ug/kg	ND	330	
Benzo(g,h,i)perylene	ug/kg	ND	330	
Benzo(k)fluoranthene	ug/kg	ND	330	
Benzoic acid	ug/kg	ND	1650	
Benzyl alcohol	ug/kg	ND	660	
bis(2-Chloroethoxy)methane	ug/kg	ND	330	
bis(2-Chloroethyl) ether	ug/kg	ND	330	
bis(2-Chloroisopropyl) ether	ug/kg	ND	330	

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QUALITY CONTROL DATA

Project: Ivey-Cline
Pace Project No.: 927028

METHOD BLANK: 37405

Associated Lab Samples: 927028002, 927028003, 927028004, 927028005

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	
Butylbenzylphthalate	ug/kg	ND	330	
Chrysene	ug/kg	ND	330	
Di-n-butylphthalate	ug/kg	ND	330	
Di-n-octylphthalate	ug/kg	ND	330	
Dibenz(a,h)anthracene	ug/kg	ND	330	
Dibenzofuran	ug/kg	ND	330	
Diethylphthalate	ug/kg	ND	330	
Dimethylphthalate	ug/kg	ND	330	
Fluoranthene	ug/kg	ND	330	
Fluorene	ug/kg	ND	330	
Hexachloro-1,3-butadiene	ug/kg	ND	330	
Hexachlorobenzene	ug/kg	ND	330	
Hexachlorocyclopentadiene	ug/kg	ND	330	
Hexachloroethane	ug/kg	ND	330	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	
Isophorone	ug/kg	ND	330	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	
N-Nitrosodimethylamine	ug/kg	ND	330	
N-Nitrosodiphenylamine	ug/kg	ND	330	
Naphthalene	ug/kg	ND	330	
Nitrobenzene	ug/kg	ND	330	
Pentachlorophenol	ug/kg	ND	1650	
Phenanthrene	ug/kg	ND	330	
Phenol	ug/kg	ND	330	
Pyrene	ug/kg	ND	330	
2,4,6-Tribromophenol (S)	%	75	10-116	
2-Fluorobiphenyl (S)	%	65	10-120	
2-Fluorophenol (S)	%	68	10-120	
Nitrobenzene-d5 (S)	%	64	10-120	
Phenol-d6 (S)	%	63	10-120	
Terphenyl-d14 (S)	%	105	10-116	

LABORATORY CONTROL SAMPLE: 37406

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	793	48	21-102	
1,2-Dichlorobenzene	ug/kg	1670	838	50	32-120	
1,2-Diphenylhydrazine	ug/kg	1670	1180	71	31-101	
1,3-Dichlorobenzene	ug/kg	1670	834	50	29-120	
1,4-Dichlorobenzene	ug/kg	1670	847	51	32-120	
1-Methylnaphthalene	ug/kg	1670	1010	61	29-108	
2,4,5-Trichlorophenol	ug/kg	1670	895	54	41-112	
2,4,6-Trichlorophenol	ug/kg	1670	1010	61	35-116	
2,4-Dichlorophenol	ug/kg	1670	923	55	25-110	

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QUALITY CONTROL DATA

Project: Ivey-Cline
Pace Project No.: 927028

LABORATORY CONTROL SAMPLE: 37406

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/kg	1670	931	56	31-101	
2,4-Dinitrophenol	ug/kg	1670	896J	54	10-128	
2,4-Dinitrotoluene	ug/kg	1670	1040	62	43-120	
2,6-Dinitrotoluene	ug/kg	1670	949	57	39-120	
2-Chloronaphthalene	ug/kg	1670	1020	61	40-109	
2-Chlorophenol	ug/kg	1670	999	60	28-102	
2-Methylnaphthalene	ug/kg	1670	806	48	30-104	
2-Methylphenol(o-Cresol)	ug/kg	1670	1010	61	31-101	
2-Nitroaniline	ug/kg	1670	1210J	73	39-109	
2-Nitrophenol	ug/kg	1670	895	54	22-104	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	933	56	30-112	
3,3'-Dichlorobenzidine	ug/kg	1670	943J	57	10-120	
3-Nitroaniline	ug/kg	1670	1520J	91	16-141	
4,6-Dinitro-2-methylphenol	ug/kg	1670	950	57	28-119	
4-Bromophenylphenyl ether	ug/kg	1670	1090	65	35-119	
4-Chloro-3-methylphenol	ug/kg	1670	989	59	28-116	
4-Chloroaniline	ug/kg	1670	1610J	97	26-135	
4-Chlorophenylphenyl ether	ug/kg	1670	962	58	44-112	
4-Nitroaniline	ug/kg	1670	1720	103	15-155	
4-Nitrophenol	ug/kg	1670	909J	55	25-119	
Acenaphthene	ug/kg	1670	1070	64	38-109	
Acenaphthylene	ug/kg	1670	1110	67	38-109	
Aniline	ug/kg	1670	1040	63	44-135	
Anthracene	ug/kg	1670	1100	66	45-114	
Benzo(a)anthracene	ug/kg	1670	1160	70	45-109	
Benzo(a)pyrene	ug/kg	1670	1210	72	47-117	
Benzo(b)fluoranthene	ug/kg	1670	1020	61	32-113	
Benzo(g,h,i)perylene	ug/kg	1670	1250	75	10-149	
Benzo(k)fluoranthene	ug/kg	1670	887	53	41-104	
Benzoic acid	ug/kg	1670	409J	25	10-120	
Benzyl alcohol	ug/kg	1670	914	55	24-115	
bis(2-Chloroethoxy)methane	ug/kg	1670	893	54	23-110	
bis(2-Chloroethyl) ether	ug/kg	1670	924	55	23-106	
bis(2-Chloroisopropyl) ether	ug/kg	1670	939	56	17-110	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1220	73	30-130	
Butylbenzylphthalate	ug/kg	1670	1200	72	35-122	
Chrysene	ug/kg	1670	1180	71	35-116	
Di-n-butylphthalate	ug/kg	1670	1110	66	40-118	
Di-n-octylphthalate	ug/kg	1670	1160	70	34-127	
Dibenz(a,h)anthracene	ug/kg	1670	1170	70	13-139	
Dibenzofuran	ug/kg	1670	1020	61	45-109	
Diethylphthalate	ug/kg	1670	1100	66	45-110	
Dimethylphthalate	ug/kg	1670	1070	64	44-108	
Fluoranthene	ug/kg	1670	1090	66	43-110	
Fluorene	ug/kg	1670	1030	62	40-111	
Hexachloro-1,3-butadiene	ug/kg	1670	742	45	13-106	
Hexachlorobenzene	ug/kg	1670	1000	60	31-126	
Hexachlorocyclopentadiene	ug/kg	1670	858	51	10-136	

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QUALITY CONTROL DATA

Project: Ivey-Cline
Pace Project No.: 927028

LABORATORY CONTROL SAMPLE: 37406

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachloroethane	ug/kg	1670	797	48	26-120	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1150	69	17-135	
Isophorone	ug/kg	1670	994	60	13-179	
N-Nitroso-di-n-propylamine	ug/kg	1670	1030	62	26-115	
N-Nitrosodimethylamine	ug/kg	1670	916	55	30-150	
N-Nitrosodiphenylamine	ug/kg	1670	1300	78	40-128	
Naphthalene	ug/kg	1670	948	57	26-120	
Nitrobenzene	ug/kg	1670	771	46	21-106	
Pentachlorophenol	ug/kg	1670	981J	59	17-140	
Phenanthrene	ug/kg	1670	1100	66	45-110	
Phenol	ug/kg	1670	1020	61	29-105	
Pyrene	ug/kg	1670	1200	72	38-114	
2,4,6-Tribromophenol (S)	%			79	10-116	
2-Fluorobiphenyl (S)	%			79	10-120	
2-Fluorophenol (S)	%			68	10-120	
Nitrobenzene-d5 (S)	%			61	10-120	
Phenol-d6 (S)	%			70	10-120	
Terphenyl-d14 (S)	%			90	10-116	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 37407 37408

Parameter	Units	927028002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2,4-Trichlorobenzene	ug/kg	ND	1910	1910	792	662	42	35	10-120	18	
1,4-Dichlorobenzene	ug/kg	ND	1910	1910	881	707	46	37	10-120	22	
2,4-Dinitrotoluene	ug/kg	ND	1910	1910	964	833	51	44	21-109	15	
2-Chlorophenol	ug/kg	ND	1910	1910	1020	816	53	43	10-120	22	
4-Chloro-3-methylphenol	ug/kg	ND	1910	1910	959	816	50	43	10-111	16	
4-Nitrophenol	ug/kg	ND	1910	1910	1040J	896J	54	47	10-121	15	
Acenaphthene	ug/kg	ND	1910	1910	1050	913	55	48	17-104	14	
N-Nitroso-di-n-propylamine	ug/kg	ND	1910	1910	1110	971	58	51	10-107	14	
Pentachlorophenol	ug/kg	ND	1910	1910	964J	837J	51	44	10-145	14	
Phenol	ug/kg	ND	1910	1910	1050	786	55	41	10-120	28	
Pyrene	ug/kg	ND	1910	1910	1080	896	57	47	13-114	19	
2,4,6-Tribromophenol (S)	%						57	51	10-116		
2-Fluorobiphenyl (S)	%						60	55	10-120		
2-Fluorophenol (S)	%						62	49	10-120		
Nitrobenzene-d5 (S)	%						59	50	10-120		
Phenol-d6 (S)	%						66	54	10-120		
Terphenyl-d14 (S)	%						69	58	10-116		

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QUALITY CONTROL DATA

Project: Ivey-Cline
Pace Project No.: 927028

QC Batch: MSV/1729 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 927028001, 927028002, 927028003

METHOD BLANK: 37743
Associated Lab Samples: 927028001, 927028002, 927028003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
1,1-Dichloropropene	ug/kg	ND	5.0	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	
1,2,3-Trichloropropane	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,3-Dichloropropane	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
2,2-Dichloropropane	ug/kg	ND	5.0	
2-Butanone (MEK)	ug/kg	ND	100	
2-Chlorotoluene	ug/kg	ND	5.0	
2-Hexanone	ug/kg	ND	50.0	
4-Chlorotoluene	ug/kg	ND	5.0	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	
Acetone	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromobenzene	ug/kg	ND	5.0	
Bromochloromethane	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	10.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	10.0	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	10.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
Dibromochloromethane	ug/kg	ND	5.0	
Dibromomethane	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	10.0	

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QUALITY CONTROL DATA

Project: Ivey-Cline
Pace Project No.: 927028

METHOD BLANK: 37743

Associated Lab Samples: 927028001, 927028002, 927028003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Diisopropyl ether	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
m&p-Xylene	ug/kg	ND	10.0	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Methylene Chloride	ug/kg	ND	5.0	
n-Butylbenzene	ug/kg	ND	5.0	
n-Propylbenzene	ug/kg	ND	5.0	
Naphthalene	ug/kg	ND	5.0	
o-Xylene	ug/kg	ND	5.0	
p-Isopropyltoluene	ug/kg	ND	5.0	
sec-Butylbenzene	ug/kg	ND	5.0	
Styrene	ug/kg	ND	5.0	
tert-Butylbenzene	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
Vinyl acetate	ug/kg	ND	50.0	
Vinyl chloride	ug/kg	ND	10.0	
Xylene (Total)	ug/kg	ND	10.0	
1,2-Dichloroethane-d4 (S)	%	98	69-121	
4-Bromofluorobenzene (S)	%	103	74-115	
Dibromofluoromethane (S)	%	100	79-116	
Toluene-d8 (S)	%	102	88-110	

LABORATORY CONTROL SAMPLE: 37744

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	46.0	92	75-137	
1,1,1-Trichloroethane	ug/kg	50	48.5	97	70-140	
1,1,2,2-Tetrachloroethane	ug/kg	50	42.1	84	74-133	
1,1,2-Trichloroethane	ug/kg	50	45.8	92	79-129	
1,1-Dichloroethane	ug/kg	50	48.8	98	72-139	
1,1-Dichloroethene	ug/kg	50	52.2	104	69-154	
1,1-Dichloropropene	ug/kg	50	49.9	100	74-138	
1,2,3-Trichlorobenzene	ug/kg	50	51.3	103	71-150	
1,2,3-Trichloropropane	ug/kg	50	42.2	84	74-135	
1,2,4-Trichlorobenzene	ug/kg	50	51.4	103	68-150	
1,2,4-Trimethylbenzene	ug/kg	50	49.7	99	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	50	42.6	85	65-146	
1,2-Dibromoethane (EDB)	ug/kg	50	45.9	92	77-136	

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QUALITY CONTROL DATA

Project: Ivey-Cline
Pace Project No.: 927028

LABORATORY CONTROL SAMPLE: 37744

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/kg	50	47.1	94	75-141	
1,2-Dichloroethane	ug/kg	50	45.0	90	74-134	
1,2-Dichloropropane	ug/kg	50	48.3	97	77-138	
1,3,5-Trimethylbenzene	ug/kg	50	49.7	99	65-128	
1,3-Dichlorobenzene	ug/kg	50	46.6	93	76-133	
1,3-Dichloropropane	ug/kg	50	43.4	87	79-132	
1,4-Dichlorobenzene	ug/kg	50	46.7	93	75-137	
2,2-Dichloropropane	ug/kg	50	51.6	103	73-137	
2-Butanone (MEK)	ug/kg	100	98.4J	98	61-138	
2-Chlorotoluene	ug/kg	50	48.3	97	73-138	
2-Hexanone	ug/kg	100	111	111	58-159	
4-Chlorotoluene	ug/kg	50	49.1	98	75-136	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	92.3	92	74-139	
Acetone	ug/kg	100	93.7J	94	58-150	
Benzene	ug/kg	50	46.3	93	71-140	
Bromobenzene	ug/kg	50	50.1	100	72-144	
Bromochloromethane	ug/kg	50	49.4	99	78-133	
Bromodichloromethane	ug/kg	50	48.4	97	78-133	
Bromoform	ug/kg	50	45.8	92	74-132	
Bromomethane	ug/kg	50	54.5	109	63-184	
Carbon tetrachloride	ug/kg	50	49.8	100	73-143	
Chlorobenzene	ug/kg	50	44.7	89	77-137	
Chloroethane	ug/kg	50	57.9	116	68-146	
Chloroform	ug/kg	50	49.7	99	75-137	
Chloromethane	ug/kg	50	43.5	87	54-143	
cis-1,2-Dichloroethene	ug/kg	50	51.3	103	71-143	
cis-1,3-Dichloropropene	ug/kg	50	54.4	109	76-133	
Dibromochloromethane	ug/kg	50	45.7	91	77-131	
Dibromomethane	ug/kg	50	48.6	97	63-184	
Dichlorodifluoromethane	ug/kg	50	47.1	94	36-173	
Diisopropyl ether	ug/kg	50	52.1	104	68-144	
Ethylbenzene	ug/kg	50	46.4	93	69-141	
Hexachloro-1,3-butadiene	ug/kg	50	52.6	105	70-152	
Isopropylbenzene (Cumene)	ug/kg	50	46.7	93	77-143	
m&p-Xylene	ug/kg	100	91.9	92	72-138	
Methyl-tert-butyl ether	ug/kg	50	50.5	101	2-138	
Methylene Chloride	ug/kg	50	45.7	91	69-136	
n-Butylbenzene	ug/kg	50	51.3	103	65-128	
n-Propylbenzene	ug/kg	50	48.3	97	72-139	
Naphthalene	ug/kg	50	53.3	107	61-138	
o-Xylene	ug/kg	50	45.9	92	74-137	
p-Isopropyltoluene	ug/kg	50	50.4	101	66-128	
sec-Butylbenzene	ug/kg	50	48.6	97	72-140	
Styrene	ug/kg	50	46.5	93	76-137	
tert-Butylbenzene	ug/kg	50	48.3	97	68-141	
Tetrachloroethene	ug/kg	50	45.2	90	72-136	
Toluene	ug/kg	50	47.0	94	69-139	
trans-1,2-Dichloroethene	ug/kg	50	52.6	105	72-144	

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QUALITY CONTROL DATA

Project: Ivey-Cline
Pace Project No.: 927028

LABORATORY CONTROL SAMPLE: 37744

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/kg	50	52.8	106	73-135	
Trichloroethene	ug/kg	50	49.4	99	75-136	
Trichlorofluoromethane	ug/kg	50	47.5	95	69-144	
Vinyl acetate	ug/kg	100	115	115	50-150	
Vinyl chloride	ug/kg	50	53.8	108	61-145	
Xylene (Total)	ug/kg	150	144	96	73-138	
1,2-Dichloroethane-d4 (S)	%			97	69-121	
4-Bromofluorobenzene (S)	%			104	74-115	
Dibromofluoromethane (S)	%			106	79-116	
Toluene-d8 (S)	%			101	88-110	

MATRIX SPIKE SAMPLE: 38168

Parameter	Units	926937024 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/kg	ND	47.6	53.3	112	33-158	
Benzene	ug/kg	ND	47.6	44.5	93	46-143	
Chlorobenzene	ug/kg	ND	47.6	45.7	96	29-159	
Toluene	ug/kg	ND	47.6	45.4	95	38-145	
Trichloroethene	ug/kg	ND	47.6	46.2	97	70-130	
1,2-Dichloroethane-d4 (S)	%				100	69-121	
4-Bromofluorobenzene (S)	%				99	74-115	
Dibromofluoromethane (S)	%				98	79-116	
Toluene-d8 (S)	%				101	88-110	

SAMPLE DUPLICATE: 38167

Parameter	Units	926927004 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND	0	
1,1,1-Trichloroethane	ug/kg	ND	ND	0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND	0	
1,1,2-Trichloroethane	ug/kg	ND	ND	0	
1,1-Dichloroethane	ug/kg	ND	ND	0	
1,1-Dichloroethene	ug/kg	ND	ND	0	
1,1-Dichloropropene	ug/kg	ND	ND	0	
1,2,3-Trichlorobenzene	ug/kg		ND		
1,2,3-Trichloropropane	ug/kg	ND	ND	0	
1,2,4-Trichlorobenzene	ug/kg	ND	ND	0	
1,2,4-Trimethylbenzene	ug/kg		ND		
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND	0	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND	0	
1,2-Dichlorobenzene	ug/kg	ND	ND	0	
1,2-Dichloroethane	ug/kg	ND	ND	0	
1,2-Dichloropropane	ug/kg	ND	ND	0	
1,3,5-Trimethylbenzene	ug/kg		ND		
1,3-Dichlorobenzene	ug/kg	ND	ND	0	

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QUALITY CONTROL DATA

Project: Ivey-Cline
Pace Project No.: 927028

SAMPLE DUPLICATE: 38167

Parameter	Units	926927004 Result	Dup Result	RPD	Qualifiers
1,3-Dichloropropane	ug/kg	ND	ND	0	
1,4-Dichlorobenzene	ug/kg	ND	ND	0	
2,2-Dichloropropane	ug/kg	ND	ND	0	
2-Butanone (MEK)	ug/kg	ND	ND	0	
2-Chlorotoluene	ug/kg		ND		
2-Hexanone	ug/kg	ND	ND	0	
4-Chlorotoluene	ug/kg		ND		
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND	0	
Acetone	ug/kg	41.7J	37.1J	12	
Benzene	ug/kg	ND	ND	0	
Bromobenzene	ug/kg		ND		
Bromochloromethane	ug/kg	ND	ND	0	
Bromodichloromethane	ug/kg	ND	ND	0	
Bromoform	ug/kg	ND	ND	0	
Bromomethane	ug/kg	ND	ND	0	
Carbon tetrachloride	ug/kg	ND	ND	0	
Chlorobenzene	ug/kg	ND	ND	0	
Chloroethane	ug/kg	ND	ND	0	
Chloroform	ug/kg	ND	ND	0	
Chloromethane	ug/kg	ND	ND	0	
cis-1,2-Dichloroethene	ug/kg	ND	ND	0	
cis-1,3-Dichloropropene	ug/kg	ND	ND	0	
Dibromochloromethane	ug/kg	ND	ND	0	
Dibromomethane	ug/kg	ND	ND	0	
Dichlorodifluoromethane	ug/kg	ND	ND	0	
Diisopropyl ether	ug/kg		ND		
Ethylbenzene	ug/kg	ND	ND	0	
Hexachloro-1,3-butadiene	ug/kg		ND		
Isopropylbenzene (Cumene)	ug/kg		ND		
m&p-Xylene	ug/kg	ND	ND	0	
Methyl-tert-butyl ether	ug/kg		ND		
Methylene Chloride	ug/kg	ND	ND	48	
n-Butylbenzene	ug/kg		ND		
n-Propylbenzene	ug/kg		ND		
Naphthalene	ug/kg	ND	ND	0	
o-Xylene	ug/kg	ND	ND	0	
p-Isopropyltoluene	ug/kg	ND	ND	0	
sec-Butylbenzene	ug/kg		ND		
Styrene	ug/kg	ND	ND	0	
tert-Butylbenzene	ug/kg		ND		
Tetrachloroethene	ug/kg	ND	ND	0	
Toluene	ug/kg	ND	ND	0	
trans-1,2-Dichloroethene	ug/kg	ND	ND	0	
trans-1,3-Dichloropropene	ug/kg	ND	ND	0	
Trichloroethene	ug/kg	ND	ND	0	
Trichlorofluoromethane	ug/kg	ND	ND	0	
Vinyl acetate	ug/kg	ND	ND	0	
Vinyl chloride	ug/kg	ND	ND	0	

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QUALITY CONTROL DATA

Project: Ivey-Cline
Pace Project No.: 927028

SAMPLE DUPLICATE: 38167

Parameter	Units	926927004 Result	Dup Result	RPD	Qualifiers
Xylene (Total)	ug/kg		ND		
1,2-Dichloroethane-d4 (S)	%	101	101	.7	
4-Bromofluorobenzene (S)	%	114	100	14	
Dibromofluoromethane (S)	%	106	98	8	
Toluene-d8 (S)	%	101	101	.6	

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QUALITY CONTROL DATA

Project: Ivey-Cline
Pace Project No.: 927028

QC Batch: MSV/1771
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 927028004, 927028005

METHOD BLANK: 39965
Associated Lab Samples: 927028004, 927028005

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
1,1-Dichloropropene	ug/kg	ND	5.0	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	
1,2,3-Trichloropropane	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,3-Dichloropropane	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
2,2-Dichloropropane	ug/kg	ND	5.0	
2-Butanone (MEK)	ug/kg	ND	100	
2-Chlorotoluene	ug/kg	ND	5.0	
2-Hexanone	ug/kg	ND	50.0	
4-Chlorotoluene	ug/kg	ND	5.0	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	
Acetone	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromobenzene	ug/kg	ND	5.0	
Bromochloromethane	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	10.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	10.0	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	10.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
Dibromochloromethane	ug/kg	ND	5.0	
Dibromomethane	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	10.0	

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www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Ivey-Cline
Pace Project No.: 927028

METHOD BLANK: 39965

Associated Lab Samples: 927028004, 927028005

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Diisopropyl ether	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
m&p-Xylene	ug/kg	ND	10.0	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Methylene Chloride	ug/kg	ND	5.0	
n-Butylbenzene	ug/kg	ND	5.0	
n-Propylbenzene	ug/kg	ND	5.0	
Naphthalene	ug/kg	ND	5.0	
o-Xylene	ug/kg	ND	5.0	
p-Isopropyltoluene	ug/kg	ND	5.0	
sec-Butylbenzene	ug/kg	ND	5.0	
Styrene	ug/kg	ND	5.0	
tert-Butylbenzene	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
Vinyl acetate	ug/kg	ND	50.0	
Vinyl chloride	ug/kg	ND	10.0	
Xylene (Total)	ug/kg	ND	10.0	
1,2-Dichloroethane-d4 (S)	%	104	69-121	
4-Bromofluorobenzene (S)	%	97	74-115	
Dibromofluoromethane (S)	%	101	79-116	
Toluene-d8 (S)	%	100	88-110	

LABORATORY CONTROL SAMPLE: 39966

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	55.4	111	75-137	
1,1,1-Trichloroethane	ug/kg	50	51.0	102	70-140	
1,1,2,2-Tetrachloroethane	ug/kg	50	48.4	97	74-133	
1,1,2-Trichloroethane	ug/kg	50	50.4	101	79-129	
1,1-Dichloroethane	ug/kg	50	50.3	101	72-139	
1,1-Dichloroethene	ug/kg	50	62.3	125	69-154	
1,1-Dichloropropene	ug/kg	50	51.0	102	74-138	
1,2,3-Trichlorobenzene	ug/kg	50	64.0	128	71-150	
1,2,3-Trichloropropane	ug/kg	50	51.8	104	74-135	
1,2,4-Trichlorobenzene	ug/kg	50	60.6	121	68-150	
1,2,4-Trimethylbenzene	ug/kg	50	60.5	121	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	50	59.5	119	65-146	
1,2-Dibromoethane (EDB)	ug/kg	50	52.1	104	77-136	

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QUALITY CONTROL DATA

Project: Ivey-Cline
Pace Project No.: 927028

LABORATORY CONTROL SAMPLE: 39966

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/kg	50	59.9	120	75-141	
1,2-Dichloroethane	ug/kg	50	52.6	105	74-134	
1,2-Dichloropropane	ug/kg	50	50.4	101	77-138	
1,3,5-Trimethylbenzene	ug/kg	50	61.6	123	65-128	
1,3-Dichlorobenzene	ug/kg	50	56.7	113	76-133	
1,3-Dichloropropane	ug/kg	50	54.1	108	79-132	
1,4-Dichlorobenzene	ug/kg	50	57.4	115	75-137	
2,2-Dichloropropane	ug/kg	50	49.2	98	73-137	
2-Butanone (MEK)	ug/kg	100	104	104	61-138	
2-Chlorotoluene	ug/kg	50	58.4	117	73-138	
2-Hexanone	ug/kg	100	127	127	58-159	
4-Chlorotoluene	ug/kg	50	56.9	114	75-136	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	105	105	74-139	
Acetone	ug/kg	100	85J	85	58-150	
Benzene	ug/kg	50	50.7	101	71-140	
Bromobenzene	ug/kg	50	60.1	120	72-144	
Bromochloromethane	ug/kg	50	47.4	95	78-133	
Bromodichloromethane	ug/kg	50	53.2	106	78-133	
Bromoform	ug/kg	50	50.4	101	74-132	
Bromomethane	ug/kg	50	32.4	65	63-184	
Carbon tetrachloride	ug/kg	50	50.2	100	73-143	
Chlorobenzene	ug/kg	50	54.9	110	77-137	
Chloroethane	ug/kg	50	46.7	93	68-146	
Chloroform	ug/kg	50	53.9	108	75-137	
Chloromethane	ug/kg	50	49.4	99	54-143	
cis-1,2-Dichloroethene	ug/kg	50	55.4	111	71-143	
cis-1,3-Dichloropropene	ug/kg	50	49.3	99	76-133	
Dibromochloromethane	ug/kg	50	55.2	110	77-131	
Dibromomethane	ug/kg	50	46.6	93	63-184	
Dichlorodifluoromethane	ug/kg	50	62.6	125	36-173	
Diisopropyl ether	ug/kg	50	58.6	117	68-144	
Ethylbenzene	ug/kg	50	53.0	106	69-141	
Hexachloro-1,3-butadiene	ug/kg	50	67.1	134	70-152	
Isopropylbenzene (Cumene)	ug/kg	50	52.8	106	77-143	
m&p-Xylene	ug/kg	100	107	107	72-138	
Methyl-tert-butyl ether	ug/kg	50	54.9	110	2-138	
Methylene Chloride	ug/kg	50	46.6	93	69-136	
n-Butylbenzene	ug/kg	50	60.9	122	65-128	
n-Propylbenzene	ug/kg	50	59.1	118	72-139	
Naphthalene	ug/kg	50	67.2	134	61-138	
o-Xylene	ug/kg	50	52.6	105	74-137	
p-Isopropyltoluene	ug/kg	50	61.9	124	66-128	
sec-Butylbenzene	ug/kg	50	59.7	119	72-140	
Styrene	ug/kg	50	51.4	103	76-137	
tert-Butylbenzene	ug/kg	50	60.7	121	68-141	
Tetrachloroethene	ug/kg	50	54.1	108	72-136	
Toluene	ug/kg	50	51.5	103	69-139	
trans-1,2-Dichloroethene	ug/kg	50	49.6	99	72-144	

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QUALITY CONTROL DATA

Project: Ivey-Cline
Pace Project No.: 927028

LABORATORY CONTROL SAMPLE: 39966

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/kg	50	49.2	98	73-135	
Trichloroethene	ug/kg	50	51.1	102	75-136	
Trichlorofluoromethane	ug/kg	50	56.3	113	69-144	
Vinyl acetate	ug/kg	100	93.6	94	50-150	
Vinyl chloride	ug/kg	50	50.4	101	61-145	
Xylene (Total)	ug/kg	150	159	106	73-138	
1,2-Dichloroethane-d4 (S)	%			95	69-121	
4-Bromofluorobenzene (S)	%			94	74-115	
Dibromofluoromethane (S)	%			99	79-116	
Toluene-d8 (S)	%			97	88-110	

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QUALIFIERS

Project: Ivey-Cline
Pace Project No.: 927028

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

LABORATORIES

PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
R1	RPD value was outside control limits.
S6	Surrogate recovery outside control limits. Data accepted based on valid recovery of applicable surrogates (no analytes associated with this surrogate)

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

1135438

Section A Required Client Information:

Company: Ransom Environmental
Address: Brown's Cove Rd
Newburyport, MA
Email To: ABevin@ransomenv.com
Phone: 978-462-9237 Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Andrew Bevin
Copy To:
Purchase Order No.:
Project Name: Levy-Cline
Project Number: 07048

Section C Invoice Information:

Attention: Charlene Smith
Company Name: Ransom Environmental
Address: Brown's Cove Rd
Pace Quote Reference:
Pace Project Manager: KRG
Pace Profile #:

REGULATORY AGENCY: ☒ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: NC 927028

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	827RC	827C03	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	Septic1-SI-110107	SL	G	11/1/07	1148	1148	→		1										X			001
2	SS101-SI-110207	SL	G	11/2/07	1045	1045	→		4							✓				X		002
3	SS101-SI-110207	SL	G	11/2/07	1045	1045	→		1										X			↓
4	Septic1-SI-110107	SL	G	11/1/07	1148	1148	→		4							✓				X		001
5	SS202-SI-110207	SL	G	11/2/07	1215	1215	→		1										X			003
6	SS202-SI-110207	SL	G	11/2/07	1215	1215	→		4							✓				X		↓
7	SS203-SI-110207	SL	G	11/2/07	1245	1245	→		1										X			004
8	SS203-SI-110207	SL	G	11/2/07	1245	1245	→		4							✓				X		↓
9	SS204-SI-110207	SL	G	11/2/07	1500	1500	→		1										X			005
10	SS204-SI-110207	SL	G	11/2/07	1500	1500	→		4							✓				X		↓
11	Trip Blank *																					006
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Elliott Sawyer/Ransom	11/2/07	1600	Kim [illegible]/PACE	11/3/07	0915	

* Did not recv.

2

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER:
SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

ATTACHMENT E

Copies of Laboratory Chemical Analysis Data Reports

Remedial Investigation/Phase II Limited Subsurface Investigations and
Remedial Action Completion Report
1136–1150 Ivey Cline Road
Concord, North Carolina
NC DENR Spill No. NONCD0002803

SHEALY ENVIRONMENTAL SERVICES, INC.

Report of Analysis

HAZ-MAT Transportation and Disposal, Inc.
PO Box 37392
Charlotte, NC 28237
Attention: Craig Hilliard

Project Name: **Equity Commercial Property**

Lot Number: **JE23046**
Date Completed: **06/03/2008**

R. Brooke Montgomery
Project Manager

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

* J E 2 3 0 4 6 *

Case Narrative
HAZ-MAT Transportation and Disposal, Inc.
Lot Number: JE23046

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

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

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

Sample Summary

HAZ-MAT Transportation and Disposal, Inc.

Lot Number: JE23046

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	Pit 1 Bottom/Soil	Solid	05/22/2008 1000	05/23/2008
002	Pit 1 North Sidewall/Soil	Solid	05/22/2008 1000	05/23/2008
003	Pit 1 South Sidewall/Soil	Solid	05/22/2008 1000	05/23/2008
004	Pit 1 West Sidewall/Soil	Solid	05/22/2008 1000	05/23/2008
005	Pit 1 East Sidewall/Soil	Solid	05/22/2008 1000	05/23/2008
006	Pit 2 Bottom/Soil	Solid	05/22/2008 1000	05/23/2008
007	Pit 2 North Sidewall/Soil	Solid	05/22/2008 1000	05/23/2008
008	Pit 2 South Sidewall/Soil	Solid	05/22/2008 1000	05/23/2008
009	Pit 2 West Sidewall/Soil	Solid	05/22/2008 1000	05/23/2008
010	Pit 2 East Sidewall/Soil	Solid	05/22/2008 1000	05/23/2008

(10 samples)

Executive Summary
HAZ-MAT Transportation and Disposal, Inc.
Lot Number: JE23046

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	Pit 1 Bottom/Soil	Solid	Acetone	8260B	650		ug/kg	5
001	Pit 1 Bottom/Soil	Solid	2-Butanone (MEK)	8260B	14		ug/kg	5
001	Pit 1 Bottom/Soil	Solid	2-Hexanone	8260B	1.4	J	ug/kg	5
001	Pit 1 Bottom/Soil	Solid	4-Methyl-2-pentanone	8260B	22		ug/kg	6
001	Pit 1 Bottom/Soil	Solid	Naphthalene	8260B	2.1	J	ug/kg	6
001	Pit 1 Bottom/Soil	Solid	Anthracene	8270C	64	J	ug/kg	6
001	Pit 1 Bottom/Soil	Solid	Di-n-butyl phthalate	8270C	150	J	ug/kg	7
001	Pit 1 Bottom/Soil	Solid	bis(2-Ethylhexyl)phthalate	8270C	780		ug/kg	7
001	Pit 1 Bottom/Soil	Solid	2-Methylnaphthalene	8270C	130	J	ug/kg	8
001	Pit 1 Bottom/Soil	Solid	Phenanthrene	8270C	130	J	ug/kg	8
001	Pit 1 Bottom/Soil	Solid	Pyrene	8270C	84	J	ug/kg	8
002	Pit 1 North Sidewall/Soil	Solid	Tetrachloroethene	8260B	17		ug/kg	10
002	Pit 1 North Sidewall/Soil	Solid	Butyl benzyl phthalate	8270C	550		ug/kg	11
002	Pit 1 North Sidewall/Soil	Solid	bis(2-Ethylhexyl)phthalate	8270C	410	J	ug/kg	11
003	Pit 1 South Sidewall/Soil	Solid	bis(2-Ethylhexyl)phthalate	8270C	380		ug/kg	15
003	Pit 1 South Sidewall/Soil	Solid	Pyrene	8270C	24	J	ug/kg	16
007	Pit 2 North Sidewall/Soil	Solid	bis(2-Ethylhexyl)phthalate	8270C	280	J	ug/kg	31
008	Pit 2 South Sidewall/Soil	Solid	bis(2-Ethylhexyl)phthalate	8270C	170	J	ug/kg	35
009	Pit 2 West Sidewall/Soil	Solid	bis(2-Ethylhexyl)phthalate	8270C	170	J	ug/kg	39

(19 detections)

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-001**
Description: **Pit 1 Bottom/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **71.2** **05/23/2008 2113**
Date Received: **05/23/2008**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	05/30/2008 0046	JGR		79585	6.85

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	**67-64-1**	**8260B**	**650**		**20**	**6.9**	**ug/kg**	**1**
Benzene	71-43-2	8260B	ND		5.1	1.1	ug/kg	1
Bromobenzene	108-86-1	8260B	ND		5.1	0.72	ug/kg	1
Bromochloromethane	74-97-5	8260B	ND		5.1	1.0	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.1	1.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.1	0.72	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.1	1.8	ug/kg	1
2-Butanone (MEK)	**78-93-3**	**8260B**	**14**		**10**	**2.5**	**ug/kg**	**1**
n-Butylbenzene	104-51-8	8260B	ND		5.1	1.0	ug/kg	1
sec-Butylbenzene	135-98-8	8260B	ND		5.1	1.0	ug/kg	1
tert-Butylbenzene	98-06-6	8260B	ND		5.1	1.0	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.1	1.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.1	1.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.1	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.1	0.85	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.1	1.0	ug/kg	1
2-Chlorotoluene	95-49-8	8260B	ND		5.1	2.8	ug/kg	1
4-Chlorotoluene	106-43-4	8260B	ND		5.1	1.9	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.1	1.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.1	0.87	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.1	1.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.1	1.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.1	1.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.1	1.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.1	0.75	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.1	1.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.1	1.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.1	0.78	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.1	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.1	0.93	ug/kg	1
1,3-Dichloropropane	142-28-9	8260B	ND		5.1	1.0	ug/kg	1
2,2-Dichloropropane	594-20-7	8260B	ND		5.1	1.1	ug/kg	1
1,1-Dichloropropene	563-58-6	8260B	ND		5.1	1.5	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.1	0.70	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.1	0.84	ug/kg	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		5.1	0.32	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.1	1.7	ug/kg	1
2-Hexanone	**591-78-6**	**8260B**	**1.4**	**J**	**10**	**1.3**	**ug/kg**	**1**
Isopropylbenzene	98-82-8	8260B	ND		5.1	0.82	ug/kg	1
p-Isopropyltoluene	99-87-6	8260B	ND		5.1	1.4	ug/kg	1

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-001**
Description: **Pit 1 Bottom/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **71.2** **05/23/2008 2113**
Date Received: **05/23/2008**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	05/30/2008 0046	JGR		79585	6.85

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.1	0.41	ug/kg	1
4-Methyl-2-pentanone	**108-10-1**	**8260B**	**22**		**10**	**1.5**	**ug/kg**	**1**
Methylene chloride	75-09-2	8260B	ND		5.1	2.7	ug/kg	1
Naphthalene	**91-20-3**	**8260B**	**2.1**	**J**	**5.1**	**1.7**	**ug/kg**	**1**
n-Propylbenzene	103-65-1	8260B	ND		5.1	1.0	ug/kg	1
Styrene	100-42-5	8260B	ND		5.1	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.1	0.48	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.1	2.4	ug/kg	1
Toluene	108-88-3	8260B	ND		5.1	1.7	ug/kg	1
1,2,3-Trichlorobenzene	87-61-6	8260B	ND		5.1	1.7	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.1	1.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.1	0.87	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.1	0.81	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.1	1.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.1	1.5	ug/kg	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		5.1	0.87	ug/kg	1
1,2,4-Trimethylbenzene	95-63-6	8260B	ND		5.1	1.7	ug/kg	1
1,3,5-Trimethylbenzene	108-67-8	8260B	ND		5.1	1.7	ug/kg	1
Vinyl acetate	108-05-4	8260B	ND		5.1	0.92	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.1	0.88	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.1	3.0	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		86	53-142
Bromofluorobenzene		90	47-138
Toluene-d8		85	68-124

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1306	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270C	ND		460	14	ug/kg	1
Acenaphthylene	208-96-8	8270C	ND		460	18	ug/kg	1
Acetophenone	98-86-2	8270C	ND		460	27	ug/kg	1
Anthracene	**120-12-7**	**8270C**	**64**	**J**	**460**	**20**	**ug/kg**	**1**
Atrazine	1912-24-9	8270C	ND		460	140	ug/kg	1
Benzaldehyde	100-52-7	8270C	ND		1200	36	ug/kg	1
Benzo(a)anthracene	56-55-3	8270C	ND		460	15	ug/kg	1

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-001**
Description: **Pit 1 Bottom/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **71.2** **05/23/2008 2113**
Date Received: **05/23/2008**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1306	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Benzo(a)pyrene	50-32-8	8270C	ND		460	33	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270C	ND		460	31	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270C	ND		460	31	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270C	ND		460	38	ug/kg	1
1,1'-Biphenyl	92-52-4	8270C	ND		460	42	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270C	ND		460	19	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270C	ND		460	150	ug/kg	1
Caprolactam	105-60-2	8270C	ND		1200	34	ug/kg	1
Carbazole	86-74-8	8270C	ND		460	14	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270C	ND		460	26	ug/kg	1
4-Chloroaniline	106-47-8	8270C	ND		460	24	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270C	ND		460	20	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270C	ND		460	19	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270C	ND		460	17	ug/kg	1
2-Chloronaphthalene	91-58-7	8270C	ND		460	22	ug/kg	1
2-Chlorophenol	95-57-8	8270C	ND		460	19	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270C	ND		460	18	ug/kg	1
Chrysene	218-01-9	8270C	ND		460	14	ug/kg	1
Di-n-butyl phthalate	**84-74-2**	**8270C**	**150**	**J**	**460**	**150**	**ug/kg**	**1**
Di-n-octylphthalate	117-84-0	8270C	ND		460	150	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270C	ND		460	30	ug/kg	1
Dibenzofuran	132-64-9	8270C	ND		460	18	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270C	ND		1200	79	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270C	ND		460	18	ug/kg	1
Diethylphthalate	84-66-2	8270C	ND		460	150	ug/kg	1
Dimethyl phthalate	131-11-3	8270C	ND		460	150	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270C	ND		460	24	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270C	ND		1200	53	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270C	ND		1200	9.1	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270C	ND		460	34	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270C	ND		460	40	ug/kg	1
bis(2-Ethylhexyl)phthalate	**117-81-7**	**8270C**	**780**		**460**	**150**	**ug/kg**	**1**
Fluoranthene	206-44-0	8270C	ND		460	14	ug/kg	1
Fluorene	86-73-7	8270C	ND		460	18	ug/kg	1
Hexachlorobenzene	118-74-1	8270C	ND		460	18	ug/kg	1
Hexachlorobutadiene	87-68-3	8270C	ND		460	19	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270C	ND		1200	89	ug/kg	1
Hexachloroethane	67-72-1	8270C	ND		460	22	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270C	ND		460	41	ug/kg	1
Isophorone	78-59-1	8270C	ND		460	22	ug/kg	1

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

Client: **HAZ-MAT Transportation and Disposal, Inc.**	Laboratory ID: **JE23046-001**
Description: **Pit 1 Bottom/Soil**	Matrix: **Solid**
Date Sampled: **05/22/2008 1000**	% Solids: **71.2** **05/23/2008 2113**
Date Received: **05/23/2008**	

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1306	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
2-Methylnaphthalene	**91-57-6**	**8270C**	**130**	**J**	**460**	**16**	**ug/kg**	**1**
2-Methylphenol	95-48-7	8270C	ND		460	26	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270C	ND		930	43	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270C	ND		460	23	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270C	ND		460	15	ug/kg	1
Naphthalene	91-20-3	8270C	ND		460	19	ug/kg	1
2-Nitroaniline	88-74-4	8270C	ND		460	32	ug/kg	1
3-Nitroaniline	99-09-2	8270C	ND		460	33	ug/kg	1
4-Nitroaniline	100-01-6	8270C	ND		460	27	ug/kg	1
Nitrobenzene	98-95-3	8270C	ND		460	21	ug/kg	1
2-Nitrophenol	88-75-5	8270C	ND		460	49	ug/kg	1
4-Nitrophenol	100-02-7	8270C	ND		1200	200	ug/kg	1
Pentachlorophenol	87-86-5	8270C	ND		1200	48	ug/kg	1
Phenanthrene	**85-01-8**	**8270C**	**130**	**J**	**460**	**18**	**ug/kg**	**1**
Phenol	108-95-2	8270C	ND		460	22	ug/kg	1
Pyrene	**129-00-0**	**8270C**	**84**	**J**	**460**	**20**	**ug/kg**	**1**
2,4,5-Trichlorophenol	95-95-4	8270C	ND		460	24	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270C	ND		460	25	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		96	30-117
2-Fluorobiphenyl		79	33-102
2-Fluorophenol		82	28-104
Nitrobenzene-d5		80	22-109
Phenol-d5		84	27-103
Terphenyl-d14		89	41-120

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-002**
Description: **Pit 1 North Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **77.4** **05/23/2008 2113**
Date Received: **05/23/2008**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	05/27/2008 2019	JGR		79470	5.19

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		25	8.3	ug/kg	1
Benzene	71-43-2	8260B	ND		6.2	1.4	ug/kg	1
Bromobenzene	108-86-1	8260B	ND		6.2	0.87	ug/kg	1
Bromochloromethane	74-97-5	8260B	ND		6.2	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.2	2.1	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.2	0.87	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.2	2.2	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	3.0	ug/kg	1
n-Butylbenzene	104-51-8	8260B	ND		6.2	1.2	ug/kg	1
sec-Butylbenzene	135-98-8	8260B	ND		6.2	1.2	ug/kg	1
tert-Butylbenzene	98-06-6	8260B	ND		6.2	1.2	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.2	2.2	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.2	2.1	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.2	1.6	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.2	1.0	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.2	1.2	ug/kg	1
2-Chlorotoluene	95-49-8	8260B	ND		6.2	3.4	ug/kg	1
4-Chlorotoluene	106-43-4	8260B	ND		6.2	2.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.2	2.1	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.2	1.0	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.2	2.1	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.2	2.1	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.2	2.1	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.2	2.0	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.2	0.91	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.2	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.2	2.1	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.2	0.94	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.2	1.9	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.2	1.1	ug/kg	1
1,3-Dichloropropane	142-28-9	8260B	ND		6.2	1.2	ug/kg	1
2,2-Dichloropropane	594-20-7	8260B	ND		6.2	1.4	ug/kg	1
1,1-Dichloropropene	563-58-6	8260B	ND		6.2	1.9	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.2	0.84	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.2	1.0	ug/kg	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		6.2	0.38	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.2	2.1	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.6	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.2	1.0	ug/kg	1
p-Isopropyltoluene	99-87-6	8260B	ND		6.2	1.7	ug/kg	1

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-002**
Description: **Pit 1 North Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **77.4** **05/23/2008 2113**
Date Received: **05/23/2008**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	05/27/2008 2019	JGR		79470	5.19

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.2	0.50	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.9	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.2	3.2	ug/kg	1
Naphthalene	91-20-3	8260B	ND		6.2	2.1	ug/kg	1
n-Propylbenzene	103-65-1	8260B	ND		6.2	1.2	ug/kg	1
Styrene	100-42-5	8260B	ND		6.2	1.4	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.2	0.58	ug/kg	1
Tetrachloroethene	**127-18-4**	**8260B**	**17**		**6.2**	**2.9**	**ug/kg**	**1**
Toluene	108-88-3	8260B	ND		6.2	2.1	ug/kg	1
1,2,3-Trichlorobenzene	87-61-6	8260B	ND		6.2	2.1	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.2	2.1	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.2	1.0	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.2	0.98	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.2	2.4	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.2	1.9	ug/kg	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		6.2	1.0	ug/kg	1
1,2,4-Trimethylbenzene	95-63-6	8260B	ND		6.2	2.1	ug/kg	1
1,3,5-Trimethylbenzene	108-67-8	8260B	ND		6.2	2.1	ug/kg	1
Vinyl acetate	108-05-4	8260B	ND		6.2	1.1	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.2	1.1	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.2	3.6	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		80	53-142
Bromofluorobenzene		85	47-138
Toluene-d8		81	68-124

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1325	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270C	ND		430	13	ug/kg	1
Acenaphthylene	208-96-8	8270C	ND		430	17	ug/kg	1
Acetophenone	98-86-2	8270C	ND		430	25	ug/kg	1
Anthracene	120-12-7	8270C	ND		430	19	ug/kg	1
Atrazine	1912-24-9	8270C	ND		430	130	ug/kg	1
Benzaldehyde	100-52-7	8270C	ND		1100	34	ug/kg	1
Benzo(a)anthracene	56-55-3	8270C	ND		430	14	ug/kg	1

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-002**
Description: **Pit 1 North Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **77.4** **05/23/2008 2113**
Date Received: **05/23/2008**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1325	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Benzo(a)pyrene	50-32-8	8270C	ND		430	31	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270C	ND		430	29	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270C	ND		430	29	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270C	ND		430	35	ug/kg	1
1,1'-Biphenyl	92-52-4	8270C	ND		430	39	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270C	ND		430	18	ug/kg	1
Butyl benzyl phthalate	**85-68-7**	**8270C**	**550**		**430**	**140**	**ug/kg**	**1**
Caprolactam	105-60-2	8270C	ND		1100	31	ug/kg	1
Carbazole	86-74-8	8270C	ND		430	13	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270C	ND		430	24	ug/kg	1
4-Chloroaniline	106-47-8	8270C	ND		430	22	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270C	ND		430	19	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270C	ND		430	18	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270C	ND		430	16	ug/kg	1
2-Chloronaphthalene	91-58-7	8270C	ND		430	20	ug/kg	1
2-Chlorophenol	95-57-8	8270C	ND		430	18	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270C	ND		430	17	ug/kg	1
Chrysene	218-01-9	8270C	ND		430	13	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270C	ND		430	140	ug/kg	1
Di-n-octylphthalate	117-84-0	8270C	ND		430	140	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270C	ND		430	28	ug/kg	1
Dibenzofuran	132-64-9	8270C	ND		430	17	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270C	ND		1100	73	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270C	ND		430	17	ug/kg	1
Diethylphthalate	84-66-2	8270C	ND		430	140	ug/kg	1
Dimethyl phthalate	131-11-3	8270C	ND		430	140	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270C	ND		430	22	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270C	ND		1100	49	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270C	ND		1100	8.5	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270C	ND		430	31	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270C	ND		430	37	ug/kg	1
bis(2-Ethylhexyl)phthalate	**117-81-7**	**8270C**	**410**	**J**	**430**	**140**	**ug/kg**	**1**
Fluoranthene	206-44-0	8270C	ND		430	13	ug/kg	1
Fluorene	86-73-7	8270C	ND		430	16	ug/kg	1
Hexachlorobenzene	118-74-1	8270C	ND		430	17	ug/kg	1
Hexachlorobutadiene	87-68-3	8270C	ND		430	17	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270C	ND		1100	83	ug/kg	1
Hexachloroethane	67-72-1	8270C	ND		430	21	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270C	ND		430	38	ug/kg	1
Isophorone	78-59-1	8270C	ND		430	20	ug/kg	1

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-002**
Description: **Pit 1 North Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **77.4** **05/23/2008 2113**
Date Received: **05/23/2008**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1325	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
2-Methylnaphthalene	91-57-6	8270C	ND		430	15	ug/kg	1
2-Methylphenol	95-48-7	8270C	ND		430	24	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270C	ND		860	40	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270C	ND		430	22	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270C	ND		430	14	ug/kg	1
Naphthalene	91-20-3	8270C	ND		430	18	ug/kg	1
2-Nitroaniline	88-74-4	8270C	ND		430	30	ug/kg	1
3-Nitroaniline	99-09-2	8270C	ND		430	31	ug/kg	1
4-Nitroaniline	100-01-6	8270C	ND		430	25	ug/kg	1
Nitrobenzene	98-95-3	8270C	ND		430	20	ug/kg	1
2-Nitrophenol	88-75-5	8270C	ND		430	46	ug/kg	1
4-Nitrophenol	100-02-7	8270C	ND		1100	180	ug/kg	1
Pentachlorophenol	87-86-5	8270C	ND		1100	45	ug/kg	1
Phenanthrene	85-01-8	8270C	ND		430	17	ug/kg	1
Phenol	108-95-2	8270C	ND		430	20	ug/kg	1
Pyrene	129-00-0	8270C	ND		430	18	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270C	ND		430	22	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270C	ND		430	24	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		76	30-117
2-Fluorobiphenyl		74	33-102
2-Fluorophenol		66	28-104
Nitrobenzene-d5		69	22-109
Phenol-d5		67	27-103
Terphenyl-d14		84	41-120

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-003**
Description: **Pit 1 South Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **85.0** **05/23/2008 2113**
Date Received: **05/23/2008**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	05/27/2008 2043	JGR		79470	5.90

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/kg	1
Benzene	71-43-2	8260B	ND		5.0	1.1	ug/kg	1
Bromobenzene	108-86-1	8260B	ND		5.0	0.70	ug/kg	1
Bromochloromethane	74-97-5	8260B	ND		5.0	1.0	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.0	1.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.0	0.70	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	1.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.4	ug/kg	1
n-Butylbenzene	104-51-8	8260B	ND		5.0	1.0	ug/kg	1
sec-Butylbenzene	135-98-8	8260B	ND		5.0	1.0	ug/kg	1
tert-Butylbenzene	98-06-6	8260B	ND		5.0	1.0	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.0	1.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.0	1.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.0	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.0	0.83	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	1.0	ug/kg	1
2-Chlorotoluene	95-49-8	8260B	ND		5.0	2.7	ug/kg	1
4-Chlorotoluene	106-43-4	8260B	ND		5.0	1.9	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.0	1.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	0.85	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	1.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.0	1.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	1.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.0	1.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	0.73	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	1.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	1.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	0.76	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	0.91	ug/kg	1
1,3-Dichloropropane	142-28-9	8260B	ND		5.0	1.0	ug/kg	1
2,2-Dichloropropane	594-20-7	8260B	ND		5.0	1.1	ug/kg	1
1,1-Dichloropropene	563-58-6	8260B	ND		5.0	1.5	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	0.68	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	0.82	ug/kg	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		5.0	0.31	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.0	1.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.0	0.80	ug/kg	1
p-Isopropyltoluene	99-87-6	8260B	ND		5.0	1.4	ug/kg	1

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-003**
Description: **Pit 1 South Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **85.0** **05/23/2008 2113**
Date Received: **05/23/2008**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	05/27/2008 2043	JGR		79470	5.90

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.0	0.40	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.5	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.0	2.6	ug/kg	1
Naphthalene	91-20-3	8260B	ND		5.0	1.7	ug/kg	1
n-Propylbenzene	103-65-1	8260B	ND		5.0	1.0	ug/kg	1
Styrene	100-42-5	8260B	ND		5.0	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	0.47	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.0	2.3	ug/kg	1
Toluene	108-88-3	8260B	ND		5.0	1.7	ug/kg	1
1,2,3-Trichlorobenzene	87-61-6	8260B	ND		5.0	1.7	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.0	1.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	0.85	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	0.79	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.0	1.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	1.5	ug/kg	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		5.0	0.85	ug/kg	1
1,2,4-Trimethylbenzene	95-63-6	8260B	ND		5.0	1.7	ug/kg	1
1,3,5-Trimethylbenzene	108-67-8	8260B	ND		5.0	1.7	ug/kg	1
Vinyl acetate	108-05-4	8260B	ND		5.0	0.90	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.0	0.86	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.0	2.9	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		81	53-142
Bromofluorobenzene		87	47-138
Toluene-d8		84	68-124

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1422	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270C	ND		380	12	ug/kg	1
Acenaphthylene	208-96-8	8270C	ND		380	15	ug/kg	1
Acetophenone	98-86-2	8270C	ND		380	23	ug/kg	1
Anthracene	120-12-7	8270C	ND		380	17	ug/kg	1
Atrazine	1912-24-9	8270C	ND		380	120	ug/kg	1
Benzaldehyde	100-52-7	8270C	ND		970	31	ug/kg	1
Benzo(a)anthracene	56-55-3	8270C	ND		380	13	ug/kg	1

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-003**
Description: **Pit 1 South Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **85.0** **05/23/2008 2113**
Date Received: **05/23/2008**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1422	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Benzo(a)pyrene	50-32-8	8270C	ND		380	28	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270C	ND		380	26	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270C	ND		380	26	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270C	ND		380	32	ug/kg	1
1,1'-Biphenyl	92-52-4	8270C	ND		380	36	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270C	ND		380	16	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270C	ND		380	130	ug/kg	1
Caprolactam	105-60-2	8270C	ND		970	28	ug/kg	1
Carbazole	86-74-8	8270C	ND		380	11	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270C	ND		380	21	ug/kg	1
4-Chloroaniline	106-47-8	8270C	ND		380	20	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270C	ND		380	17	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270C	ND		380	16	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270C	ND		380	15	ug/kg	1
2-Chloronaphthalene	91-58-7	8270C	ND		380	18	ug/kg	1
2-Chlorophenol	95-57-8	8270C	ND		380	16	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270C	ND		380	15	ug/kg	1
Chrysene	218-01-9	8270C	ND		380	12	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270C	ND		380	130	ug/kg	1
Di-n-octylphthalate	117-84-0	8270C	ND		380	130	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270C	ND		380	26	ug/kg	1
Dibenzofuran	132-64-9	8270C	ND		380	15	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270C	ND		970	66	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270C	ND		380	16	ug/kg	1
Diethylphthalate	84-66-2	8270C	ND		380	130	ug/kg	1
Dimethyl phthalate	131-11-3	8270C	ND		380	130	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270C	ND		380	20	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270C	ND		970	45	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270C	ND		970	7.7	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270C	ND		380	28	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270C	ND		380	33	ug/kg	1
bis(2-Ethylhexyl)phthalate	**117-81-7**	**8270C**	**380**		**380**	**130**	**ug/kg**	**1**
Fluoranthene	206-44-0	8270C	ND		380	12	ug/kg	1
Fluorene	86-73-7	8270C	ND		380	15	ug/kg	1
Hexachlorobenzene	118-74-1	8270C	ND		380	16	ug/kg	1
Hexachlorobutadiene	87-68-3	8270C	ND		380	16	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270C	ND		970	75	ug/kg	1
Hexachloroethane	67-72-1	8270C	ND		380	19	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270C	ND		380	35	ug/kg	1
Isophorone	78-59-1	8270C	ND		380	18	ug/kg	1

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-003**
Description: **Pit 1 South Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **85.0** **05/23/2008 2113**
Date Received: **05/23/2008**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1422	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
2-Methylnaphthalene	91-57-6	8270C	ND		380	14	ug/kg	1
2-Methylphenol	95-48-7	8270C	ND		380	22	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270C	ND		780	36	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270C	ND		380	20	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270C	ND		380	13	ug/kg	1
Naphthalene	91-20-3	8270C	ND		380	16	ug/kg	1
2-Nitroaniline	88-74-4	8270C	ND		380	27	ug/kg	1
3-Nitroaniline	99-09-2	8270C	ND		380	28	ug/kg	1
4-Nitroaniline	100-01-6	8270C	ND		380	23	ug/kg	1
Nitrobenzene	98-95-3	8270C	ND		380	18	ug/kg	1
2-Nitrophenol	88-75-5	8270C	ND		380	41	ug/kg	1
4-Nitrophenol	100-02-7	8270C	ND		970	160	ug/kg	1
Pentachlorophenol	87-86-5	8270C	ND		970	41	ug/kg	1
Phenanthrene	85-01-8	8270C	ND		380	16	ug/kg	1
Phenol	108-95-2	8270C	ND		380	18	ug/kg	1
Pyrene	**129-00-0**	**8270C**	**24**	**J**	**380**	**17**	**ug/kg**	**1**
2,4,5-Trichlorophenol	95-95-4	8270C	ND		380	20	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270C	ND		380	21	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		47	30-117
2-Fluorobiphenyl		40	33-102
2-Fluorophenol		41	28-104
Nitrobenzene-d5		39	22-109
Phenol-d5		38	27-103
Terphenyl-d14		43	41-120

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-004**
Description: **Pit 1 West Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **83.0** **05/23/2008 2113**
Date Received: **05/23/2008**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	05/27/2008 2106	JGR		79470	6.71

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		18	6.0	ug/kg	1
Benzene	71-43-2	8260B	ND		4.5	0.99	ug/kg	1
Bromobenzene	108-86-1	8260B	ND		4.5	0.63	ug/kg	1
Bromochloromethane	74-97-5	8260B	ND		4.5	0.90	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.5	1.5	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.5	0.63	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.5	1.6	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.0	2.2	ug/kg	1
n-Butylbenzene	104-51-8	8260B	ND		4.5	0.90	ug/kg	1
sec-Butylbenzene	135-98-8	8260B	ND		4.5	0.90	ug/kg	1
tert-Butylbenzene	98-06-6	8260B	ND		4.5	0.90	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.5	1.6	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.5	1.5	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.5	1.2	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.5	0.74	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.5	0.90	ug/kg	1
2-Chlorotoluene	95-49-8	8260B	ND		4.5	2.4	ug/kg	1
4-Chlorotoluene	106-43-4	8260B	ND		4.5	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.5	1.5	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.5	0.76	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.5	1.5	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.5	1.5	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.5	1.5	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.5	1.4	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.5	0.66	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.5	0.90	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.5	1.5	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.5	0.68	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.5	1.3	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.5	0.82	ug/kg	1
1,3-Dichloropropane	142-28-9	8260B	ND		4.5	0.90	ug/kg	1
2,2-Dichloropropane	594-20-7	8260B	ND		4.5	0.99	ug/kg	1
1,1-Dichloropropene	563-58-6	8260B	ND		4.5	1.3	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.5	0.61	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.5	0.74	ug/kg	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		4.5	0.28	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.5	1.5	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.0	1.2	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.5	0.72	ug/kg	1
p-Isopropyltoluene	99-87-6	8260B	ND		4.5	1.2	ug/kg	1

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

Client: **HAZ-MAT Transportation and Disposal, Inc.**	Laboratory ID: **JE23046-004**
Description: **Pit 1 West Sidewall/Soil**	Matrix: **Solid**
Date Sampled: **05/22/2008 1000**	% Solids: **83.0** **05/23/2008 2113**
Date Received: **05/23/2008**	

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	05/27/2008 2106	JGR		79470	6.71

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.5	0.36	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.0	1.3	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.5	2.3	ug/kg	1
Naphthalene	91-20-3	8260B	ND		4.5	1.5	ug/kg	1
n-Propylbenzene	103-65-1	8260B	ND		4.5	0.90	ug/kg	1
Styrene	100-42-5	8260B	ND		4.5	0.99	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.5	0.42	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		4.5	2.1	ug/kg	1
Toluene	108-88-3	8260B	ND		4.5	1.5	ug/kg	1
1,2,3-Trichlorobenzene	87-61-6	8260B	ND		4.5	1.5	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.5	1.5	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.5	0.76	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.5	0.71	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.5	1.7	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.5	1.3	ug/kg	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		4.5	0.76	ug/kg	1
1,2,4-Trimethylbenzene	95-63-6	8260B	ND		4.5	1.5	ug/kg	1
1,3,5-Trimethylbenzene	108-67-8	8260B	ND		4.5	1.5	ug/kg	1
Vinyl acetate	108-05-4	8260B	ND		4.5	0.81	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.5	0.77	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.5	2.6	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		80	53-142
Bromofluorobenzene		89	47-138
Toluene-d8		85	68-124

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1703	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270C	ND		390	12	ug/kg	1
Acenaphthylene	208-96-8	8270C	ND		390	16	ug/kg	1
Acetophenone	98-86-2	8270C	ND		390	23	ug/kg	1
Anthracene	120-12-7	8270C	ND		390	17	ug/kg	1
Atrazine	1912-24-9	8270C	ND		390	120	ug/kg	1
Benzaldehyde	100-52-7	8270C	ND		990	31	ug/kg	1
Benzo(a)anthracene	56-55-3	8270C	ND		390	13	ug/kg	1

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-004**
Description: **Pit 1 West Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **83.0** **05/23/2008 2113**
Date Received: **05/23/2008**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1703	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Benzo(a)pyrene	50-32-8	8270C	ND		390	29	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270C	ND		390	27	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270C	ND		390	27	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270C	ND		390	32	ug/kg	1
1,1'-Biphenyl	92-52-4	8270C	ND		390	36	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270C	ND		390	17	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270C	ND		390	130	ug/kg	1
Caprolactam	105-60-2	8270C	ND		990	29	ug/kg	1
Carbazole	86-74-8	8270C	ND		390	12	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270C	ND		390	22	ug/kg	1
4-Chloroaniline	106-47-8	8270C	ND		390	20	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270C	ND		390	17	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270C	ND		390	16	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270C	ND		390	15	ug/kg	1
2-Chloronaphthalene	91-58-7	8270C	ND		390	19	ug/kg	1
2-Chlorophenol	95-57-8	8270C	ND		390	16	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270C	ND		390	16	ug/kg	1
Chrysene	218-01-9	8270C	ND		390	12	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270C	ND		390	130	ug/kg	1
Di-n-octylphthalate	117-84-0	8270C	ND		390	130	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270C	ND		390	26	ug/kg	1
Dibenzofuran	132-64-9	8270C	ND		390	16	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270C	ND		990	68	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270C	ND		390	16	ug/kg	1
Diethylphthalate	84-66-2	8270C	ND		390	130	ug/kg	1
Dimethyl phthalate	131-11-3	8270C	ND		390	130	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270C	ND		390	20	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270C	ND		990	46	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270C	ND		990	7.9	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270C	ND		390	29	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270C	ND		390	34	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270C	ND		390	130	ug/kg	1
Fluoranthene	206-44-0	8270C	ND		390	12	ug/kg	1
Fluorene	86-73-7	8270C	ND		390	15	ug/kg	1
Hexachlorobenzene	118-74-1	8270C	ND		390	16	ug/kg	1
Hexachlorobutadiene	87-68-3	8270C	ND		390	16	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270C	ND		990	76	ug/kg	1
Hexachloroethane	67-72-1	8270C	ND		390	19	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270C	ND		390	36	ug/kg	1
Isophorone	78-59-1	8270C	ND		390	19	ug/kg	1

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-004**
Description: **Pit 1 West Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **83.0** **05/23/2008 2113**
Date Received: **05/23/2008**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1703	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
2-Methylnaphthalene	91-57-6	8270C	ND		390	14	ug/kg	1
2-Methylphenol	95-48-7	8270C	ND		390	22	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270C	ND		800	37	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270C	ND		390	20	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270C	ND		390	13	ug/kg	1
Naphthalene	91-20-3	8270C	ND		390	16	ug/kg	1
2-Nitroaniline	88-74-4	8270C	ND		390	28	ug/kg	1
3-Nitroaniline	99-09-2	8270C	ND		390	28	ug/kg	1
4-Nitroaniline	100-01-6	8270C	ND		390	23	ug/kg	1
Nitrobenzene	98-95-3	8270C	ND		390	18	ug/kg	1
2-Nitrophenol	88-75-5	8270C	ND		390	42	ug/kg	1
4-Nitrophenol	100-02-7	8270C	ND		990	170	ug/kg	1
Pentachlorophenol	87-86-5	8270C	ND		990	42	ug/kg	1
Phenanthrene	85-01-8	8270C	ND		390	16	ug/kg	1
Phenol	108-95-2	8270C	ND		390	19	ug/kg	1
Pyrene	129-00-0	8270C	ND		390	17	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270C	ND		390	20	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270C	ND		390	22	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		76	30-117
2-Fluorobiphenyl		67	33-102
2-Fluorophenol		79	28-104
Nitrobenzene-d5		72	22-109
Phenol-d5		67	27-103
Terphenyl-d14		80	41-120

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-005**
Description: **Pit 1 East Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **76.5** **05/23/2008 2113**
Date Received: **05/23/2008**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	05/27/2008 2130	JGR		79470	6.80

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		19	6.4	ug/kg	1
Benzene	71-43-2	8260B	ND		4.8	1.0	ug/kg	1
Bromobenzene	108-86-1	8260B	ND		4.8	0.67	ug/kg	1
Bromochloromethane	74-97-5	8260B	ND		4.8	0.96	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.8	1.6	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.8	0.67	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.8	1.7	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.6	2.3	ug/kg	1
n-Butylbenzene	104-51-8	8260B	ND		4.8	0.96	ug/kg	1
sec-Butylbenzene	135-98-8	8260B	ND		4.8	0.96	ug/kg	1
tert-Butylbenzene	98-06-6	8260B	ND		4.8	0.96	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.8	1.7	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.8	1.6	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.8	1.2	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.8	0.80	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.8	0.96	ug/kg	1
2-Chlorotoluene	95-49-8	8260B	ND		4.8	2.6	ug/kg	1
4-Chlorotoluene	106-43-4	8260B	ND		4.8	1.8	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.8	1.6	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.8	0.82	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.8	1.6	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.8	1.6	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.8	1.6	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.8	1.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.8	0.70	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.8	0.96	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.8	1.6	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.8	0.73	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.8	1.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.8	0.87	ug/kg	1
1,3-Dichloropropane	142-28-9	8260B	ND		4.8	0.96	ug/kg	1
2,2-Dichloropropane	594-20-7	8260B	ND		4.8	1.0	ug/kg	1
1,1-Dichloropropene	563-58-6	8260B	ND		4.8	1.4	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.8	0.65	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.8	0.79	ug/kg	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		4.8	0.30	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.8	1.6	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.6	1.2	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.8	0.77	ug/kg	1
p-Isopropyltoluene	99-87-6	8260B	ND		4.8	1.3	ug/kg	1

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

Client: **HAZ-MAT Transportation and Disposal, Inc.**	Laboratory ID: **JE23046-005**
Description: **Pit 1 East Sidewall/Soil**	Matrix: **Solid**
Date Sampled: **05/22/2008 1000**	% Solids: **76.5** **05/23/2008 2113**
Date Received: **05/23/2008**	

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	05/27/2008 2130	JGR		79470	6.80

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.8	0.38	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.6	1.4	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.8	2.5	ug/kg	1
Naphthalene	91-20-3	8260B	ND		4.8	1.6	ug/kg	1
n-Propylbenzene	103-65-1	8260B	ND		4.8	0.96	ug/kg	1
Styrene	100-42-5	8260B	ND		4.8	1.0	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.8	0.45	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		4.8	2.2	ug/kg	1
Toluene	108-88-3	8260B	ND		4.8	1.6	ug/kg	1
1,2,3-Trichlorobenzene	87-61-6	8260B	ND		4.8	1.6	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.8	1.6	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.8	0.82	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.8	0.76	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.8	1.8	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.8	1.4	ug/kg	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		4.8	0.82	ug/kg	1
1,2,4-Trimethylbenzene	95-63-6	8260B	ND		4.8	1.6	ug/kg	1
1,3,5-Trimethylbenzene	108-67-8	8260B	ND		4.8	1.6	ug/kg	1
Vinyl acetate	108-05-4	8260B	ND		4.8	0.86	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.8	0.83	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.8	2.8	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		80	53-142
Bromofluorobenzene		88	47-138
Toluene-d8		83	68-124

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1500	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270C	ND		430	13	ug/kg	1
Acenaphthylene	208-96-8	8270C	ND		430	17	ug/kg	1
Acetophenone	98-86-2	8270C	ND		430	26	ug/kg	1
Anthracene	120-12-7	8270C	ND		430	19	ug/kg	1
Atrazine	1912-24-9	8270C	ND		430	130	ug/kg	1
Benzaldehyde	100-52-7	8270C	ND		1100	34	ug/kg	1
Benzo(a)anthracene	56-55-3	8270C	ND		430	14	ug/kg	1

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-005**
Description: **Pit 1 East Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **76.5** **05/23/2008 2113**
Date Received: **05/23/2008**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1500	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Benzo(a)pyrene	50-32-8	8270C	ND		430	31	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270C	ND		430	29	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270C	ND		430	29	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270C	ND		430	35	ug/kg	1
1,1'-Biphenyl	92-52-4	8270C	ND		430	40	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270C	ND		430	18	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270C	ND		430	140	ug/kg	1
Caprolactam	105-60-2	8270C	ND		1100	32	ug/kg	1
Carbazole	86-74-8	8270C	ND		430	13	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270C	ND		430	24	ug/kg	1
4-Chloroaniline	106-47-8	8270C	ND		430	22	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270C	ND		430	19	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270C	ND		430	18	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270C	ND		430	16	ug/kg	1
2-Chloronaphthalene	91-58-7	8270C	ND		430	20	ug/kg	1
2-Chlorophenol	95-57-8	8270C	ND		430	18	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270C	ND		430	17	ug/kg	1
Chrysene	218-01-9	8270C	ND		430	13	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270C	ND		430	140	ug/kg	1
Di-n-octylphthalate	117-84-0	8270C	ND		430	140	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270C	ND		430	28	ug/kg	1
Dibenzofuran	132-64-9	8270C	ND		430	17	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270C	ND		1100	74	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270C	ND		430	17	ug/kg	1
Diethylphthalate	84-66-2	8270C	ND		430	140	ug/kg	1
Dimethyl phthalate	131-11-3	8270C	ND		430	140	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270C	ND		430	22	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270C	ND		1100	50	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270C	ND		1100	8.6	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270C	ND		430	32	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270C	ND		430	37	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270C	ND		430	140	ug/kg	1
Fluoranthene	206-44-0	8270C	ND		430	14	ug/kg	1
Fluorene	86-73-7	8270C	ND		430	16	ug/kg	1
Hexachlorobenzene	118-74-1	8270C	ND		430	17	ug/kg	1
Hexachlorobutadiene	87-68-3	8270C	ND		430	18	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270C	ND		1100	84	ug/kg	1
Hexachloroethane	67-72-1	8270C	ND		430	21	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270C	ND		430	39	ug/kg	1
Isophorone	78-59-1	8270C	ND		430	20	ug/kg	1

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-005**
Description: **Pit 1 East Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **76.5** **05/23/2008 2113**
Date Received: **05/23/2008**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1500	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
2-Methylnaphthalene	91-57-6	8270C	ND		430	15	ug/kg	1
2-Methylphenol	95-48-7	8270C	ND		430	24	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270C	ND		870	41	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270C	ND		430	22	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270C	ND		430	14	ug/kg	1
Naphthalene	91-20-3	8270C	ND		430	18	ug/kg	1
2-Nitroaniline	88-74-4	8270C	ND		430	30	ug/kg	1
3-Nitroaniline	99-09-2	8270C	ND		430	31	ug/kg	1
4-Nitroaniline	100-01-6	8270C	ND		430	26	ug/kg	1
Nitrobenzene	98-95-3	8270C	ND		430	20	ug/kg	1
2-Nitrophenol	88-75-5	8270C	ND		430	46	ug/kg	1
4-Nitrophenol	100-02-7	8270C	ND		1100	180	ug/kg	1
Pentachlorophenol	87-86-5	8270C	ND		1100	46	ug/kg	1
Phenanthrene	85-01-8	8270C	ND		430	17	ug/kg	1
Phenol	108-95-2	8270C	ND		430	20	ug/kg	1
Pyrene	129-00-0	8270C	ND		430	19	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270C	ND		430	22	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270C	ND		430	24	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		43	30-117
2-Fluorobiphenyl		38	33-102
2-Fluorophenol		41	28-104
Nitrobenzene-d5		38	22-109
Phenol-d5		35	27-103
Terphenyl-d14		43	41-120

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-006**
Description: **Pit 2 Bottom/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **67.2** **05/23/2008 2113**
Date Received: **05/23/2008**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	05/27/2008 2154	JGR		79470	6.15

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		24	8.1	ug/kg	1
Benzene	71-43-2	8260B	ND		6.0	1.3	ug/kg	1
Bromobenzene	108-86-1	8260B	ND		6.0	0.85	ug/kg	1
Bromochloromethane	74-97-5	8260B	ND		6.0	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.0	2.0	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.0	0.85	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.0	2.2	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	2.9	ug/kg	1
n-Butylbenzene	104-51-8	8260B	ND		6.0	1.2	ug/kg	1
sec-Butylbenzene	135-98-8	8260B	ND		6.0	1.2	ug/kg	1
tert-Butylbenzene	98-06-6	8260B	ND		6.0	1.2	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.0	2.2	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.0	2.0	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.0	1.6	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.0	1.0	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.0	1.2	ug/kg	1
2-Chlorotoluene	95-49-8	8260B	ND		6.0	3.3	ug/kg	1
4-Chlorotoluene	106-43-4	8260B	ND		6.0	2.3	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.0	2.0	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.0	1.0	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.0	2.0	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.0	2.0	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.0	2.0	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.0	1.9	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.0	0.88	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.0	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.0	2.0	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.0	0.92	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.0	1.8	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.0	1.1	ug/kg	1
1,3-Dichloropropane	142-28-9	8260B	ND		6.0	1.2	ug/kg	1
2,2-Dichloropropane	594-20-7	8260B	ND		6.0	1.3	ug/kg	1
1,1-Dichloropropene	563-58-6	8260B	ND		6.0	1.8	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.0	0.82	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.0	0.99	ug/kg	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		6.0	0.38	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.0	2.0	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.6	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.0	0.97	ug/kg	1
p-Isopropyltoluene	99-87-6	8260B	ND		6.0	1.7	ug/kg	1

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

Client: **HAZ-MAT Transportation and Disposal, Inc.**	Laboratory ID: **JE23046-006**
Description: **Pit 2 Bottom/Soil**	Matrix: **Solid**
Date Sampled: **05/22/2008 1000**	% Solids: **67.2** **05/23/2008 2113**
Date Received: **05/23/2008**	

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	05/27/2008 2154	JGR		79470	6.15

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.0	0.48	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.8	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.0	3.1	ug/kg	1
Naphthalene	91-20-3	8260B	ND		6.0	2.0	ug/kg	1
n-Propylbenzene	103-65-1	8260B	ND		6.0	1.2	ug/kg	1
Styrene	100-42-5	8260B	ND		6.0	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.0	0.57	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		6.0	2.8	ug/kg	1
Toluene	108-88-3	8260B	ND		6.0	2.0	ug/kg	1
1,2,3-Trichlorobenzene	87-61-6	8260B	ND		6.0	2.0	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.0	2.0	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.0	1.0	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.0	0.96	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.0	2.3	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.0	1.8	ug/kg	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		6.0	1.0	ug/kg	1
1,2,4-Trimethylbenzene	95-63-6	8260B	ND		6.0	2.0	ug/kg	1
1,3,5-Trimethylbenzene	108-67-8	8260B	ND		6.0	2.0	ug/kg	1
Vinyl acetate	108-05-4	8260B	ND		6.0	1.1	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.0	1.0	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.0	3.5	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		82	53-142
Bromofluorobenzene		86	47-138
Toluene-d8		85	68-124

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1520	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270C	ND		490	15	ug/kg	1
Acenaphthylene	208-96-8	8270C	ND		490	19	ug/kg	1
Acetophenone	98-86-2	8270C	ND		490	29	ug/kg	1
Anthracene	120-12-7	8270C	ND		490	22	ug/kg	1
Atrazine	1912-24-9	8270C	ND		490	150	ug/kg	1
Benzaldehyde	100-52-7	8270C	ND		1200	39	ug/kg	1
Benzo(a)anthracene	56-55-3	8270C	ND		490	16	ug/kg	1

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-006**
Description: **Pit 2 Bottom/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **67.2** **05/23/2008 2113**
Date Received: **05/23/2008**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1520	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Benzo(a)pyrene	50-32-8	8270C	ND		490	36	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270C	ND		490	33	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270C	ND		490	33	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270C	ND		490	40	ug/kg	1
1,1'-Biphenyl	92-52-4	8270C	ND		490	45	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270C	ND		490	21	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270C	ND		490	160	ug/kg	1
Caprolactam	105-60-2	8270C	ND		1200	36	ug/kg	1
Carbazole	86-74-8	8270C	ND		490	14	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270C	ND		490	27	ug/kg	1
4-Chloroaniline	106-47-8	8270C	ND		490	25	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270C	ND		490	22	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270C	ND		490	20	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270C	ND		490	18	ug/kg	1
2-Chloronaphthalene	91-58-7	8270C	ND		490	23	ug/kg	1
2-Chlorophenol	95-57-8	8270C	ND		490	20	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270C	ND		490	19	ug/kg	1
Chrysene	218-01-9	8270C	ND		490	15	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270C	ND		490	160	ug/kg	1
Di-n-octylphthalate	117-84-0	8270C	ND		490	160	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270C	ND		490	32	ug/kg	1
Dibenzofuran	132-64-9	8270C	ND		490	19	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270C	ND		1200	84	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270C	ND		490	20	ug/kg	1
Diethylphthalate	84-66-2	8270C	ND		490	160	ug/kg	1
Dimethyl phthalate	131-11-3	8270C	ND		490	160	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270C	ND		490	25	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270C	ND		1200	56	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270C	ND		1200	9.7	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270C	ND		490	36	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270C	ND		490	42	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270C	ND		490	160	ug/kg	1
Fluoranthene	206-44-0	8270C	ND		490	15	ug/kg	1
Fluorene	86-73-7	8270C	ND		490	19	ug/kg	1
Hexachlorobenzene	118-74-1	8270C	ND		490	20	ug/kg	1
Hexachlorobutadiene	87-68-3	8270C	ND		490	20	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270C	ND		1200	95	ug/kg	1
Hexachloroethane	67-72-1	8270C	ND		490	24	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270C	ND		490	44	ug/kg	1
Isophorone	78-59-1	8270C	ND		490	23	ug/kg	1

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-006**
Description: **Pit 2 Bottom/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **67.2** **05/23/2008 2113**
Date Received: **05/23/2008**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1520	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
2-Methylnaphthalene	91-57-6	8270C	ND		490	18	ug/kg	1
2-Methylphenol	95-48-7	8270C	ND		490	27	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270C	ND		990	46	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270C	ND		490	25	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270C	ND		490	16	ug/kg	1
Naphthalene	91-20-3	8270C	ND		490	20	ug/kg	1
2-Nitroaniline	88-74-4	8270C	ND		490	34	ug/kg	1
3-Nitroaniline	99-09-2	8270C	ND		490	35	ug/kg	1
4-Nitroaniline	100-01-6	8270C	ND		490	29	ug/kg	1
Nitrobenzene	98-95-3	8270C	ND		490	22	ug/kg	1
2-Nitrophenol	88-75-5	8270C	ND		490	52	ug/kg	1
4-Nitrophenol	100-02-7	8270C	ND		1200	210	ug/kg	1
Pentachlorophenol	87-86-5	8270C	ND		1200	52	ug/kg	1
Phenanthrene	85-01-8	8270C	ND		490	20	ug/kg	1
Phenol	108-95-2	8270C	ND		490	23	ug/kg	1
Pyrene	129-00-0	8270C	ND		490	21	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270C	ND		490	25	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270C	ND		490	27	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		74	30-117
2-Fluorobiphenyl		67	33-102
2-Fluorophenol		80	28-104
Nitrobenzene-d5		75	22-109
Phenol-d5		71	27-103
Terphenyl-d14		87	41-120

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-007**
Description: **Pit 2 North Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **71.9** **05/23/2008 2113**
Date Received: **05/23/2008**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	05/27/2008 2218	JGR		79470	6.79

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.9	ug/kg	1
Benzene	71-43-2	8260B	ND		5.1	1.1	ug/kg	1
Bromobenzene	108-86-1	8260B	ND		5.1	0.72	ug/kg	1
Bromochloromethane	74-97-5	8260B	ND		5.1	1.0	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.1	1.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.1	0.72	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.1	1.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.4	ug/kg	1
n-Butylbenzene	104-51-8	8260B	ND		5.1	1.0	ug/kg	1
sec-Butylbenzene	135-98-8	8260B	ND		5.1	1.0	ug/kg	1
tert-Butylbenzene	98-06-6	8260B	ND		5.1	1.0	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.1	1.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.1	1.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.1	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.1	0.85	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.1	1.0	ug/kg	1
2-Chlorotoluene	95-49-8	8260B	ND		5.1	2.8	ug/kg	1
4-Chlorotoluene	106-43-4	8260B	ND		5.1	1.9	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.1	1.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.1	0.87	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.1	1.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.1	1.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.1	1.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.1	1.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.1	0.75	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.1	1.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.1	1.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.1	0.78	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.1	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.1	0.93	ug/kg	1
1,3-Dichloropropane	142-28-9	8260B	ND		5.1	1.0	ug/kg	1
2,2-Dichloropropane	594-20-7	8260B	ND		5.1	1.1	ug/kg	1
1,1-Dichloropropene	563-58-6	8260B	ND		5.1	1.5	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.1	0.70	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.1	0.84	ug/kg	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		5.1	0.32	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.1	1.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.1	0.82	ug/kg	1
p-Isopropyltoluene	99-87-6	8260B	ND		5.1	1.4	ug/kg	1

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-007**
Description: **Pit 2 North Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **71.9** **05/23/2008 2113**
Date Received: **05/23/2008**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	05/27/2008 2218	JGR		79470	6.79

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.1	0.41	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.5	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.1	2.7	ug/kg	1
Naphthalene	91-20-3	8260B	ND		5.1	1.7	ug/kg	1
n-Propylbenzene	103-65-1	8260B	ND		5.1	1.0	ug/kg	1
Styrene	100-42-5	8260B	ND		5.1	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.1	0.48	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.1	2.4	ug/kg	1
Toluene	108-88-3	8260B	ND		5.1	1.7	ug/kg	1
1,2,3-Trichlorobenzene	87-61-6	8260B	ND		5.1	1.7	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.1	1.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.1	0.87	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.1	0.81	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.1	1.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.1	1.5	ug/kg	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		5.1	0.87	ug/kg	1
1,2,4-Trimethylbenzene	95-63-6	8260B	ND		5.1	1.7	ug/kg	1
1,3,5-Trimethylbenzene	108-67-8	8260B	ND		5.1	1.7	ug/kg	1
Vinyl acetate	108-05-4	8260B	ND		5.1	0.92	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.1	0.88	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.1	3.0	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		80	53-142
Bromofluorobenzene		85	47-138
Toluene-d8		83	68-124

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1539	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270C	ND		450	14	ug/kg	1
Acenaphthylene	208-96-8	8270C	ND		450	18	ug/kg	1
Acetophenone	98-86-2	8270C	ND		450	27	ug/kg	1
Anthracene	120-12-7	8270C	ND		450	20	ug/kg	1
Atrazine	1912-24-9	8270C	ND		450	140	ug/kg	1
Benzaldehyde	100-52-7	8270C	ND		1100	36	ug/kg	1
Benzo(a)anthracene	56-55-3	8270C	ND		450	15	ug/kg	1

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-007**
Description: **Pit 2 North Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **71.9** **05/23/2008 2113**
Date Received: **05/23/2008**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1539	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Benzo(a)pyrene	50-32-8	8270C	ND		450	33	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270C	ND		450	30	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270C	ND		450	31	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270C	ND		450	37	ug/kg	1
1,1'-Biphenyl	92-52-4	8270C	ND		450	42	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270C	ND		450	19	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270C	ND		450	150	ug/kg	1
Caprolactam	105-60-2	8270C	ND		1100	33	ug/kg	1
Carbazole	86-74-8	8270C	ND		450	13	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270C	ND		450	25	ug/kg	1
4-Chloroaniline	106-47-8	8270C	ND		450	23	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270C	ND		450	20	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270C	ND		450	19	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270C	ND		450	17	ug/kg	1
2-Chloronaphthalene	91-58-7	8270C	ND		450	22	ug/kg	1
2-Chlorophenol	95-57-8	8270C	ND		450	19	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270C	ND		450	18	ug/kg	1
Chrysene	218-01-9	8270C	ND		450	14	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270C	ND		450	150	ug/kg	1
Di-n-octylphthalate	117-84-0	8270C	ND		450	150	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270C	ND		450	30	ug/kg	1
Dibenzofuran	132-64-9	8270C	ND		450	18	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270C	ND		1100	78	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270C	ND		450	18	ug/kg	1
Diethylphthalate	84-66-2	8270C	ND		450	150	ug/kg	1
Dimethyl phthalate	131-11-3	8270C	ND		450	150	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270C	ND		450	24	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270C	ND		1100	52	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270C	ND		1100	9.0	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270C	ND		450	33	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270C	ND		450	39	ug/kg	1
bis(2-Ethylhexyl)phthalate	**117-81-7**	**8270C**	**280**	**J**	**450**	**150**	**ug/kg**	**1**
Fluoranthene	206-44-0	8270C	ND		450	14	ug/kg	1
Fluorene	86-73-7	8270C	ND		450	17	ug/kg	1
Hexachlorobenzene	118-74-1	8270C	ND		450	18	ug/kg	1
Hexachlorobutadiene	87-68-3	8270C	ND		450	18	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270C	ND		1100	88	ug/kg	1
Hexachloroethane	67-72-1	8270C	ND		450	22	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270C	ND		450	41	ug/kg	1
Isophorone	78-59-1	8270C	ND		450	21	ug/kg	1

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-007**
Description: **Pit 2 North Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **71.9** **05/23/2008 2113**
Date Received: **05/23/2008**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1539	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
2-Methylnaphthalene	91-57-6	8270C	ND		450	16	ug/kg	1
2-Methylphenol	95-48-7	8270C	ND		450	25	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270C	ND		920	43	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270C	ND		450	23	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270C	ND		450	15	ug/kg	1
Naphthalene	91-20-3	8270C	ND		450	19	ug/kg	1
2-Nitroaniline	88-74-4	8270C	ND		450	32	ug/kg	1
3-Nitroaniline	99-09-2	8270C	ND		450	32	ug/kg	1
4-Nitroaniline	100-01-6	8270C	ND		450	27	ug/kg	1
Nitrobenzene	98-95-3	8270C	ND		450	21	ug/kg	1
2-Nitrophenol	88-75-5	8270C	ND		450	49	ug/kg	1
4-Nitrophenol	100-02-7	8270C	ND		1100	190	ug/kg	1
Pentachlorophenol	87-86-5	8270C	ND		1100	48	ug/kg	1
Phenanthrene	85-01-8	8270C	ND		450	18	ug/kg	1
Phenol	108-95-2	8270C	ND		450	22	ug/kg	1
Pyrene	129-00-0	8270C	ND		450	20	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270C	ND		450	23	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270C	ND		450	25	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		79	30-117
2-Fluorobiphenyl		71	33-102
2-Fluorophenol		76	28-104
Nitrobenzene-d5		68	22-109
Phenol-d5		67	27-103
Terphenyl-d14		83	41-120

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-008**
Description: **Pit 2 South Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **68.9** **05/23/2008 2113**
Date Received: **05/23/2008**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	05/27/2008 2242	JGR		79470	5.90

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		25	8.2	ug/kg	1
Benzene	71-43-2	8260B	ND		6.2	1.4	ug/kg	1
Bromobenzene	108-86-1	8260B	ND		6.2	0.86	ug/kg	1
Bromochloromethane	74-97-5	8260B	ND		6.2	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.2	2.1	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.2	0.86	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.2	2.2	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	3.0	ug/kg	1
n-Butylbenzene	104-51-8	8260B	ND		6.2	1.2	ug/kg	1
sec-Butylbenzene	135-98-8	8260B	ND		6.2	1.2	ug/kg	1
tert-Butylbenzene	98-06-6	8260B	ND		6.2	1.2	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.2	2.2	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.2	2.1	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.2	1.6	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.2	1.0	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.2	1.2	ug/kg	1
2-Chlorotoluene	95-49-8	8260B	ND		6.2	3.3	ug/kg	1
4-Chlorotoluene	106-43-4	8260B	ND		6.2	2.3	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.2	2.1	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.2	1.0	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.2	2.1	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.2	2.1	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.2	2.1	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.2	2.0	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.2	0.90	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.2	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.2	2.1	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.2	0.94	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.2	1.8	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.2	1.1	ug/kg	1
1,3-Dichloropropane	142-28-9	8260B	ND		6.2	1.2	ug/kg	1
2,2-Dichloropropane	594-20-7	8260B	ND		6.2	1.4	ug/kg	1
1,1-Dichloropropene	563-58-6	8260B	ND		6.2	1.8	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.2	0.84	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.2	1.0	ug/kg	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		6.2	0.38	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.2	2.1	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.6	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.2	0.98	ug/kg	1
p-Isopropyltoluene	99-87-6	8260B	ND		6.2	1.7	ug/kg	1

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-008**
Description: **Pit 2 South Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **68.9** **05/23/2008 2113**
Date Received: **05/23/2008**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	05/27/2008 2242	JGR		79470	5.90

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.2	0.49	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.8	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.2	3.2	ug/kg	1
Naphthalene	91-20-3	8260B	ND		6.2	2.1	ug/kg	1
n-Propylbenzene	103-65-1	8260B	ND		6.2	1.2	ug/kg	1
Styrene	100-42-5	8260B	ND		6.2	1.4	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.2	0.58	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		6.2	2.8	ug/kg	1
Toluene	108-88-3	8260B	ND		6.2	2.1	ug/kg	1
1,2,3-Trichlorobenzene	87-61-6	8260B	ND		6.2	2.1	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.2	2.1	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.2	1.0	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.2	0.97	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.2	2.3	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.2	1.8	ug/kg	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		6.2	1.0	ug/kg	1
1,2,4-Trimethylbenzene	95-63-6	8260B	ND		6.2	2.1	ug/kg	1
1,3,5-Trimethylbenzene	108-67-8	8260B	ND		6.2	2.1	ug/kg	1
Vinyl acetate	108-05-4	8260B	ND		6.2	1.1	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.2	1.0	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.2	3.6	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		87	53-142
Bromofluorobenzene		96	47-138
Toluene-d8		92	68-124

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1558	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270C	ND		470	14	ug/kg	1
Acenaphthylene	208-96-8	8270C	ND		470	19	ug/kg	1
Acetophenone	98-86-2	8270C	ND		470	28	ug/kg	1
Anthracene	120-12-7	8270C	ND		470	21	ug/kg	1
Atrazine	1912-24-9	8270C	ND		470	140	ug/kg	1
Benzaldehyde	100-52-7	8270C	ND		1200	38	ug/kg	1
Benzo(a)anthracene	56-55-3	8270C	ND		470	16	ug/kg	1

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-008**
Description: **Pit 2 South Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **68.9** **05/23/2008 2113**
Date Received: **05/23/2008**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1558	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Benzo(a)pyrene	50-32-8	8270C	ND		470	34	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270C	ND		470	32	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270C	ND		470	32	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270C	ND		470	39	ug/kg	1
1,1'-Biphenyl	92-52-4	8270C	ND		470	44	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270C	ND		470	20	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270C	ND		470	160	ug/kg	1
Caprolactam	105-60-2	8270C	ND		1200	35	ug/kg	1
Carbazole	86-74-8	8270C	ND		470	14	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270C	ND		470	26	ug/kg	1
4-Chloroaniline	106-47-8	8270C	ND		470	24	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270C	ND		470	21	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270C	ND		470	20	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270C	ND		470	18	ug/kg	1
2-Chloronaphthalene	91-58-7	8270C	ND		470	22	ug/kg	1
2-Chlorophenol	95-57-8	8270C	ND		470	20	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270C	ND		470	19	ug/kg	1
Chrysene	218-01-9	8270C	ND		470	15	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270C	ND		470	160	ug/kg	1
Di-n-octylphthalate	117-84-0	8270C	ND		470	160	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270C	ND		470	31	ug/kg	1
Dibenzofuran	132-64-9	8270C	ND		470	18	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270C	ND		1200	81	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270C	ND		470	19	ug/kg	1
Diethylphthalate	84-66-2	8270C	ND		470	160	ug/kg	1
Dimethyl phthalate	131-11-3	8270C	ND		470	160	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270C	ND		470	24	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270C	ND		1200	55	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270C	ND		1200	9.4	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270C	ND		470	35	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270C	ND		470	41	ug/kg	1
bis(2-Ethylhexyl)phthalate	**117-81-7**	**8270C**	**170**	**J**	**470**	**160**	**ug/kg**	**1**
Fluoranthene	206-44-0	8270C	ND		470	15	ug/kg	1
Fluorene	86-73-7	8270C	ND		470	18	ug/kg	1
Hexachlorobenzene	118-74-1	8270C	ND		470	19	ug/kg	1
Hexachlorobutadiene	87-68-3	8270C	ND		470	19	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270C	ND		1200	92	ug/kg	1
Hexachloroethane	67-72-1	8270C	ND		470	23	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270C	ND		470	42	ug/kg	1
Isophorone	78-59-1	8270C	ND		470	22	ug/kg	1

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-008**
Description: **Pit 2 South Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **68.9** **05/23/2008 2113**
Date Received: **05/23/2008**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1558	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
2-Methylnaphthalene	91-57-6	8270C	ND		470	17	ug/kg	1
2-Methylphenol	95-48-7	8270C	ND		470	26	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270C	ND		960	44	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270C	ND		470	24	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270C	ND		470	16	ug/kg	1
Naphthalene	91-20-3	8270C	ND		470	20	ug/kg	1
2-Nitroaniline	88-74-4	8270C	ND		470	33	ug/kg	1
3-Nitroaniline	99-09-2	8270C	ND		470	34	ug/kg	1
4-Nitroaniline	100-01-6	8270C	ND		470	28	ug/kg	1
Nitrobenzene	98-95-3	8270C	ND		470	22	ug/kg	1
2-Nitrophenol	88-75-5	8270C	ND		470	51	ug/kg	1
4-Nitrophenol	100-02-7	8270C	ND		1200	200	ug/kg	1
Pentachlorophenol	87-86-5	8270C	ND		1200	50	ug/kg	1
Phenanthrene	85-01-8	8270C	ND		470	19	ug/kg	1
Phenol	108-95-2	8270C	ND		470	22	ug/kg	1
Pyrene	129-00-0	8270C	ND		470	20	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270C	ND		470	24	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270C	ND		470	26	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		74	30-117
2-Fluorobiphenyl		66	33-102
2-Fluorophenol		76	28-104
Nitrobenzene-d5		69	22-109
Phenol-d5		66	27-103
Terphenyl-d14		89	41-120

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P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-009**
Description: **Pit 2 West Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **87.5** **05/23/2008 2113**
Date Received: **05/23/2008**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	05/27/2008 2305	JGR		79470	6.03

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		19	6.4	ug/kg	1
Benzene	71-43-2	8260B	ND		4.7	1.0	ug/kg	1
Bromobenzene	108-86-1	8260B	ND		4.7	0.66	ug/kg	1
Bromochloromethane	74-97-5	8260B	ND		4.7	0.95	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.7	1.6	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.7	0.66	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.7	1.7	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.5	2.3	ug/kg	1
n-Butylbenzene	104-51-8	8260B	ND		4.7	0.95	ug/kg	1
sec-Butylbenzene	135-98-8	8260B	ND		4.7	0.95	ug/kg	1
tert-Butylbenzene	98-06-6	8260B	ND		4.7	0.95	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.7	1.7	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.7	1.6	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.7	1.2	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.7	0.79	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.7	0.95	ug/kg	1
2-Chlorotoluene	95-49-8	8260B	ND		4.7	2.6	ug/kg	1
4-Chlorotoluene	106-43-4	8260B	ND		4.7	1.8	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.7	1.6	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.7	0.80	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.7	1.6	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.7	1.6	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.7	1.6	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.7	1.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.7	0.69	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.7	0.95	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.7	1.6	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.7	0.72	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.7	1.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.7	0.86	ug/kg	1
1,3-Dichloropropane	142-28-9	8260B	ND		4.7	0.95	ug/kg	1
2,2-Dichloropropane	594-20-7	8260B	ND		4.7	1.0	ug/kg	1
1,1-Dichloropropene	563-58-6	8260B	ND		4.7	1.4	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.7	0.64	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.7	0.78	ug/kg	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		4.7	0.29	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.7	1.6	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.5	1.2	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.7	0.76	ug/kg	1
p-Isopropyltoluene	99-87-6	8260B	ND		4.7	1.3	ug/kg	1

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-009**
Description: **Pit 2 West Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **87.5** **05/23/2008 2113**
Date Received: **05/23/2008**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	05/27/2008 2305	JGR		79470	6.03

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.7	0.38	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.5	1.4	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.7	2.5	ug/kg	1
Naphthalene	91-20-3	8260B	ND		4.7	1.6	ug/kg	1
n-Propylbenzene	103-65-1	8260B	ND		4.7	0.95	ug/kg	1
Styrene	100-42-5	8260B	ND		4.7	1.0	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.7	0.44	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		4.7	2.2	ug/kg	1
Toluene	108-88-3	8260B	ND		4.7	1.6	ug/kg	1
1,2,3-Trichlorobenzene	87-61-6	8260B	ND		4.7	1.6	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.7	1.6	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.7	0.80	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.7	0.75	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.7	1.8	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.7	1.4	ug/kg	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		4.7	0.80	ug/kg	1
1,2,4-Trimethylbenzene	95-63-6	8260B	ND		4.7	1.6	ug/kg	1
1,3,5-Trimethylbenzene	108-67-8	8260B	ND		4.7	1.6	ug/kg	1
Vinyl acetate	108-05-4	8260B	ND		4.7	0.85	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.7	0.82	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.7	2.7	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		83	53-142
Bromofluorobenzene		91	47-138
Toluene-d8		87	68-124

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1617	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270C	ND		380	12	ug/kg	1
Acenaphthylene	208-96-8	8270C	ND		380	15	ug/kg	1
Acetophenone	98-86-2	8270C	ND		380	22	ug/kg	1
Anthracene	120-12-7	8270C	ND		380	17	ug/kg	1
Atrazine	1912-24-9	8270C	ND		380	110	ug/kg	1
Benzaldehyde	100-52-7	8270C	ND		940	30	ug/kg	1
Benzo(a)anthracene	56-55-3	8270C	ND		380	12	ug/kg	1

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-009**
Description: **Pit 2 West Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **87.5** **05/23/2008 2113**
Date Received: **05/23/2008**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1617	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Benzo(a)pyrene	50-32-8	8270C	ND		380	27	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270C	ND		380	25	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270C	ND		380	26	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270C	ND		380	31	ug/kg	1
1,1'-Biphenyl	92-52-4	8270C	ND		380	35	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270C	ND		380	16	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270C	ND		380	120	ug/kg	1
Caprolactam	105-60-2	8270C	ND		940	28	ug/kg	1
Carbazole	86-74-8	8270C	ND		380	11	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270C	ND		380	21	ug/kg	1
4-Chloroaniline	106-47-8	8270C	ND		380	19	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270C	ND		380	17	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270C	ND		380	16	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270C	ND		380	14	ug/kg	1
2-Chloronaphthalene	91-58-7	8270C	ND		380	18	ug/kg	1
2-Chlorophenol	95-57-8	8270C	ND		380	16	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270C	ND		380	15	ug/kg	1
Chrysene	218-01-9	8270C	ND		380	12	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270C	ND		380	120	ug/kg	1
Di-n-octylphthalate	117-84-0	8270C	ND		380	120	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270C	ND		380	25	ug/kg	1
Dibenzofuran	132-64-9	8270C	ND		380	15	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270C	ND		940	65	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270C	ND		380	15	ug/kg	1
Diethylphthalate	84-66-2	8270C	ND		380	120	ug/kg	1
Dimethyl phthalate	131-11-3	8270C	ND		380	120	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270C	ND		380	20	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270C	ND		940	44	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270C	ND		940	7.5	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270C	ND		380	28	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270C	ND		380	33	ug/kg	1
bis(2-Ethylhexyl)phthalate	**117-81-7**	**8270C**	**170**	**J**	**380**	**120**	**ug/kg**	**1**
Fluoranthene	206-44-0	8270C	ND		380	12	ug/kg	1
Fluorene	86-73-7	8270C	ND		380	14	ug/kg	1
Hexachlorobenzene	118-74-1	8270C	ND		380	15	ug/kg	1
Hexachlorobutadiene	87-68-3	8270C	ND		380	15	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270C	ND		940	73	ug/kg	1
Hexachloroethane	67-72-1	8270C	ND		380	18	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270C	ND		380	34	ug/kg	1
Isophorone	78-59-1	8270C	ND		380	18	ug/kg	1

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-009**
Description: **Pit 2 West Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **87.5** **05/23/2008 2113**
Date Received: **05/23/2008**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1617	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
2-Methylnaphthalene	91-57-6	8270C	ND		380	14	ug/kg	1
2-Methylphenol	95-48-7	8270C	ND		380	21	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270C	ND		760	36	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270C	ND		380	19	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270C	ND		380	13	ug/kg	1
Naphthalene	91-20-3	8270C	ND		380	16	ug/kg	1
2-Nitroaniline	88-74-4	8270C	ND		380	26	ug/kg	1
3-Nitroaniline	99-09-2	8270C	ND		380	27	ug/kg	1
4-Nitroaniline	100-01-6	8270C	ND		380	22	ug/kg	1
Nitrobenzene	98-95-3	8270C	ND		380	17	ug/kg	1
2-Nitrophenol	88-75-5	8270C	ND		380	40	ug/kg	1
4-Nitrophenol	100-02-7	8270C	ND		940	160	ug/kg	1
Pentachlorophenol	87-86-5	8270C	ND		940	40	ug/kg	1
Phenanthrene	85-01-8	8270C	ND		380	15	ug/kg	1
Phenol	108-95-2	8270C	ND		380	18	ug/kg	1
Pyrene	129-00-0	8270C	ND		380	16	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270C	ND		380	19	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270C	ND		380	21	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		69	30-117
2-Fluorobiphenyl		81	33-102
2-Fluorophenol		87	28-104
Nitrobenzene-d5		80	22-109
Phenol-d5		81	27-103
Terphenyl-d14		90	41-120

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

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-010**
Description: **Pit 2 East Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **79.3** **05/23/2008 2113**
Date Received: **05/23/2008**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	05/27/2008 2329	JGR		79470	6.37

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.6	ug/kg	1
Benzene	71-43-2	8260B	ND		4.9	1.1	ug/kg	1
Bromobenzene	108-86-1	8260B	ND		4.9	0.69	ug/kg	1
Bromochloromethane	74-97-5	8260B	ND		4.9	0.99	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.9	1.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.9	0.69	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.9	1.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.9	2.4	ug/kg	1
n-Butylbenzene	104-51-8	8260B	ND		4.9	0.99	ug/kg	1
sec-Butylbenzene	135-98-8	8260B	ND		4.9	0.99	ug/kg	1
tert-Butylbenzene	98-06-6	8260B	ND		4.9	0.99	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.9	1.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.9	1.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.9	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.9	0.82	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.9	0.99	ug/kg	1
2-Chlorotoluene	95-49-8	8260B	ND		4.9	2.7	ug/kg	1
4-Chlorotoluene	106-43-4	8260B	ND		4.9	1.9	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.9	1.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.9	0.84	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.9	1.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.9	1.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.9	1.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.9	1.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.9	0.72	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.9	0.99	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.9	1.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.9	0.75	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.9	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.9	0.90	ug/kg	1
1,3-Dichloropropane	142-28-9	8260B	ND		4.9	0.99	ug/kg	1
2,2-Dichloropropane	594-20-7	8260B	ND		4.9	1.1	ug/kg	1
1,1-Dichloropropene	563-58-6	8260B	ND		4.9	1.5	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.9	0.67	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.9	0.81	ug/kg	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		4.9	0.31	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.9	1.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.9	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.9	0.79	ug/kg	1
p-Isopropyltoluene	99-87-6	8260B	ND		4.9	1.4	ug/kg	1

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ND = Not detected at or above the MDL
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B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria

Client: **HAZ-MAT Transportation and Disposal, Inc.**	Laboratory ID: **JE23046-010**
Description: **Pit 2 East Sidewall/Soil**	Matrix: **Solid**
Date Sampled: **05/22/2008 1000**	% Solids: **79.3** **05/23/2008 2113**
Date Received: **05/23/2008**	

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	05/27/2008 2329	JGR		79470	6.37

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.9	0.40	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.9	1.5	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.9	2.6	ug/kg	1
Naphthalene	91-20-3	8260B	ND		4.9	1.7	ug/kg	1
n-Propylbenzene	103-65-1	8260B	ND		4.9	0.99	ug/kg	1
Styrene	100-42-5	8260B	ND		4.9	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.9	0.46	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		4.9	2.3	ug/kg	1
Toluene	108-88-3	8260B	ND		4.9	1.7	ug/kg	1
1,2,3-Trichlorobenzene	87-61-6	8260B	ND		4.9	1.7	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.9	1.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.9	0.84	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.9	0.78	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.9	1.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.9	1.5	ug/kg	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		4.9	0.84	ug/kg	1
1,2,4-Trimethylbenzene	95-63-6	8260B	ND		4.9	1.7	ug/kg	1
1,3,5-Trimethylbenzene	108-67-8	8260B	ND		4.9	1.7	ug/kg	1
Vinyl acetate	108-05-4	8260B	ND		4.9	0.89	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.9	0.85	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.9	2.9	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		81	53-142
Bromofluorobenzene		87	47-138
Toluene-d8		84	68-124

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1637	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270C	ND		410	13	ug/kg	1
Acenaphthylene	208-96-8	8270C	ND		410	16	ug/kg	1
Acetophenone	98-86-2	8270C	ND		410	24	ug/kg	1
Anthracene	120-12-7	8270C	ND		410	18	ug/kg	1
Atrazine	1912-24-9	8270C	ND		410	120	ug/kg	1
Benzaldehyde	100-52-7	8270C	ND		1000	33	ug/kg	1
Benzo(a)anthracene	56-55-3	8270C	ND		410	14	ug/kg	1

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E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-010**
Description: **Pit 2 East Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **79.3** **05/23/2008 2113**
Date Received: **05/23/2008**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1637	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Benzo(a)pyrene	50-32-8	8270C	ND		410	30	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270C	ND		410	28	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270C	ND		410	28	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270C	ND		410	34	ug/kg	1
1,1'-Biphenyl	92-52-4	8270C	ND		410	38	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270C	ND		410	18	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270C	ND		410	140	ug/kg	1
Caprolactam	105-60-2	8270C	ND		1000	30	ug/kg	1
Carbazole	86-74-8	8270C	ND		410	12	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270C	ND		410	23	ug/kg	1
4-Chloroaniline	106-47-8	8270C	ND		410	21	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270C	ND		410	18	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270C	ND		410	17	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270C	ND		410	16	ug/kg	1
2-Chloronaphthalene	91-58-7	8270C	ND		410	20	ug/kg	1
2-Chlorophenol	95-57-8	8270C	ND		410	17	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270C	ND		410	16	ug/kg	1
Chrysene	218-01-9	8270C	ND		410	13	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270C	ND		410	140	ug/kg	1
Di-n-octylphthalate	117-84-0	8270C	ND		410	140	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270C	ND		410	27	ug/kg	1
Dibenzofuran	132-64-9	8270C	ND		410	16	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270C	ND		1000	71	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270C	ND		410	17	ug/kg	1
Diethylphthalate	84-66-2	8270C	ND		410	140	ug/kg	1
Dimethyl phthalate	131-11-3	8270C	ND		410	140	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270C	ND		410	22	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270C	ND		1000	48	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270C	ND		1000	8.3	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270C	ND		410	30	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270C	ND		410	36	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270C	ND		410	140	ug/kg	1
Fluoranthene	206-44-0	8270C	ND		410	13	ug/kg	1
Fluorene	86-73-7	8270C	ND		410	16	ug/kg	1
Hexachlorobenzene	118-74-1	8270C	ND		410	17	ug/kg	1
Hexachlorobutadiene	87-68-3	8270C	ND		410	17	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270C	ND		1000	80	ug/kg	1
Hexachloroethane	67-72-1	8270C	ND		410	20	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270C	ND		410	37	ug/kg	1
Isophorone	78-59-1	8270C	ND		410	20	ug/kg	1

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E = Quantitation of compound exceeded the calibration range
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N = Recovery is out of criteria

Client: **HAZ-MAT Transportation and Disposal, Inc.** Laboratory ID: **JE23046-010**
Description: **Pit 2 East Sidewall/Soil** Matrix: **Solid**
Date Sampled: **05/22/2008 1000** % Solids: **79.3** **05/23/2008 2113**
Date Received: **05/23/2008**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	06/02/2008 1637	DC	05/26/2008 1730	79323

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
2-Methylnaphthalene	91-57-6	8270C	ND		410	15	ug/kg	1
2-Methylphenol	95-48-7	8270C	ND		410	23	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270C	ND		840	39	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270C	ND		410	21	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270C	ND		410	14	ug/kg	1
Naphthalene	91-20-3	8270C	ND		410	17	ug/kg	1
2-Nitroaniline	88-74-4	8270C	ND		410	29	ug/kg	1
3-Nitroaniline	99-09-2	8270C	ND		410	30	ug/kg	1
4-Nitroaniline	100-01-6	8270C	ND		410	24	ug/kg	1
Nitrobenzene	98-95-3	8270C	ND		410	19	ug/kg	1
2-Nitrophenol	88-75-5	8270C	ND		410	44	ug/kg	1
4-Nitrophenol	100-02-7	8270C	ND		1000	180	ug/kg	1
Pentachlorophenol	87-86-5	8270C	ND		1000	44	ug/kg	1
Phenanthrene	85-01-8	8270C	ND		410	17	ug/kg	1
Phenol	108-95-2	8270C	ND		410	20	ug/kg	1
Pyrene	129-00-0	8270C	ND		410	18	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270C	ND		410	21	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270C	ND		410	23	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		68	30-117
2-Fluorobiphenyl		71	33-102
2-Fluorophenol		79	28-104
Nitrobenzene-d5		71	22-109
Phenol-d5		70	27-103
Terphenyl-d14		80	41-120

PQL = Practical quantitation limit
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Shealy Environmental Services, Inc.
Document Number: F-AD-016
Revision Number: 6

Page 1 of 1
Replaces Date: 09/22/06
Effective Date: 05/29/07

Sample Receipt Checklist (SRC)

Client: HAZ MAT Cooler Inspected by/date: SAM / 5/23/08 ECL Lot #: JE23046 (R)

Means of receipt: ☑ SESI ☐ Client ☐ UPS ☐ FedEx ☐ Airborne Exp ☐ Other

Yes ☐	No ☑	NA ☐	1. Were custody seals present on the cooler?
Yes ☐	No ☐	NA ☑	2. If custody seals were present, were they intact and unbroken?

Cooler ID/temperature upon receipt 4.6 / ___ °C ___ / ___ °C ___ / ___ °C ___ / ___ °C
___ / ___ °C ___ / ___ °C ___ / ___ °C ___ / ___ °C

Method: ☑ Temperature Blank ☐ Against Bottles
Method of coolant: ☑ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None

If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.

Yes ☐	No ☐	NA ☑	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other:_____. (For coolers received via commercial courier, PMs are to be notified immediately.
Yes ☐	No ☐	NA ☑	4. Is the commercial courier's packing slip attached to this form?
Yes ☑	No ☐	NA ☐	5. Were proper custody procedures (relinquished/received) followed?
Yes ☑	No ☐	NA ☐	6. Were sample IDs listed?
Yes ☑	No ☐	NA ☐	7. Was collection date & time listed?
Yes ☑	No ☐	NA ☐	8. Were tests to be performed listed on the COC or was quote # provided?
Yes ☑	No ☐	NA ☐	9. Did all samples arrive in the proper containers for each test?
Yes ☑	No ☐	NA ☐	10. Did all container label information (ID, date, time) agree with COC?
Yes ☑	No ☐	NA ☐	11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes ☑	No ☐	NA ☐	12. Was adequate sample volume available?
Yes ☑	No ☐	NA ☐	13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☑	NA ☐	14. Were any samples containers missing?
Yes ☐	No ☑	NA ☐	15. Were there any excess samples not listed on COC?
Yes ☐	No ☐	NA ☑	16. Were bubbles present >"pea-size" (¼"or 6mm in diameter) in any VOA vials?
Yes ☐	No ☐	NA ☑	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☐	No ☐	NA ☑	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐	No ☐	NA ☑	19. Were all applicable NH3/TKN/cyanide/phenol/BNA/pest/PCB/herb (<0.2mg/L) and toxicity (<0.1mg/L) samples free of residual chlorine?
Yes ☐	No ☐	NA ☑	20. Were collection temperatures documented on the COC for NC samples?

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H_2SO_4,HNO_3,HCl,NaOH) with the SR # (number) _____.

Sample(s) _____ were received with bubbles >6 mm in diameter.

Sample(s) _____ were received with TRC >0.2 mg/L for NH3/TKN/cyanide/BNA/pest/PCB/herb.

Toxicity sample(s) _____ were received with TRC >0.1 mg/L and were analyzed by method 330.5.

Corrective Action taken, if necessary:

Was client notified: Yes ☐ No ☐ Did client respond: Yes ☐ No ☐
SESI employee: _____ Date of response: _____
Comments: _____

SHEALY ENVIRONMENTAL SERVICES, INC.

SHEALY **Chain of Custody Record**

106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 84680

Client: Haz Mat
Address: 221 Dalton Ave.
City: Charlotte | State: NC | Zip Code: 28237
Project Name: Equity Commercial Properties
Project No.:
P.O. No.:

Report to Contact: Craig Hilliard
Sampler's Signature: X
Printed Name: Craig Hilliard

Telephone No. / Fax No. / E-mail: 704-200-1136 craig@hazmatnc.com
Waybill No.:
Quote No.: 11428
Page 1 of 1

Analysis (Attach list if more space is needed.)

Lot No.: JE230461

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	Grab (G) Composite (C)	Matrix: Aqueous	Solid	Non-Aqueous	No. of Containers by Preservative Type: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	NaS_2O_3	8260 VOC	8270 SMVOC	Remarks / Cooler I.D.
Pit 1 Bottom / Soil	5/22	10am	C		X								X	X	
Pit 1 North Sidewall / Soil			C		X										
Pit 1 South sidewall / Soil			C		X										
Pit 1 West sidewall / soil			C		X										
Pit 1 East sidewall / soil			C		X										
Pit 2 Bottom / Soil			C		X										
Pit 2 North sidewall / Soil			C		X										
Pit 2 South sidewall / Soil			C		X										
Pit 2 West sidewall / Soil			C		X										
Pit 2 East sidewall / Soil			C		X										

Possible Hazard Identification: X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

Sample Disposal: ☐ Return to Client X Disposal by Lab

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Turn Around Time Required (Prior lab approval required for expedited TAT.): ☐ Standard X Rush (Specify) (7 DAY TAT)

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished by:	5-22-08	2:00pm	1. Received by:	5-23-08	09:35
2. Relinquished by:	5-23-08	15:20	2. Received by:		
3. Relinquished by:			3. Laboratory received by:	5-23-08	1570

Comments:

LAB USE ONLY
Received on ice (Circle) Yes No Ice Pack TB
Receipt Temp. 4.6 °C

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-012 Effective Date: 08-04-02

SHEALY ENVIRONMENTAL SERVICES, INC.

Report of Analysis

HAZ-MAT Transportation and Disposal, Inc.
PO Box 37392
Charlotte, NC 28237
Attention: Craig Hilliard

Project Name: Equity Commercial Property

Lot Number: JE07066

Date Completed: 05/13/2008

R. Brooke Montgomery
Project Manager

This report shall not be reproduced, except in its entirety, without the written approval of Shealy Environmental Services, Inc.

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

* J E 0 7 0 6 6 *

Case Narrative

HAZ-MAT Transportation and Disposal, Inc.

Lot Number: JE07066

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

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

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

Sample Summary

HAZ-MAT Transportation and Disposal, Inc.

Lot Number: JE07066

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	Pit 2/ Soil	Solid	05/06/2008 0900	05/07/2008

(1 sample)

Executive Summary

HAZ-MAT Transportation and Disposal, Inc.

Lot Number: JE07066

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page

(0 detections)

Client: HAZ-MAT Transportation and Disposal, Inc.
Laboratory ID: JE07066-001
Description: Pit 2/ Soil
Matrix: Solid
Date Sampled: 05/06/2008 0900
% Solids: 92.0 05/07/2008 2309
Date Received: 05/07/2008

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	05/12/2008 2145	LH		78590	6.35

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		17	5.7	ug/kg	1
Benzene	71-43-2	8260B	ND		4.3	0.94	ug/kg	1
Bromobenzene	108-86-1	8260B	ND		4.3	0.60	ug/kg	1
Bromochloromethane	74-97-5	8260B	ND		4.3	0.86	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.3	1.4	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.3	0.60	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.3	1.5	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		8.6	2.0	ug/kg	1
n-Butylbenzene	104-51-8	8260B	ND		4.3	0.86	ug/kg	1
sec-Butylbenzene	135-98-8	8260B	ND		4.3	0.86	ug/kg	1
tert-Butylbenzene	98-06-6	8260B	ND		4.3	0.86	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.3	1.5	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.3	1.4	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.3	1.1	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.3	0.71	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.3	0.86	ug/kg	1
2-Chlorotoluene	95-49-8	8260B	ND		4.3	2.3	ug/kg	1
4-Chlorotoluene	106-43-4	8260B	ND		4.3	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.3	1.4	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.3	0.73	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.3	1.4	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.3	1.4	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.3	1.4	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.3	1.4	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.3	0.62	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.3	0.86	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.3	1.4	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.3	0.65	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.3	1.3	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.3	0.78	ug/kg	1
1,3-Dichloropropane	142-28-9	8260B	ND		4.3	0.86	ug/kg	1
2,2-Dichloropropane	594-20-7	8260B	ND		4.3	0.94	ug/kg	1
1,1-Dichloropropene	563-58-6	8260B	ND		4.3	1.3	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.3	0.58	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.3	0.70	ug/kg	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		4.3	0.26	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.3	1.4	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		8.6	1.1	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.3	0.68	ug/kg	1
p-Isopropyltoluene	99-87-6	8260B	ND		4.3	1.2	ug/kg	1

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

Client: HAZ-MAT Transportation and Disposal, Inc.	Laboratory ID: JE07066-001
Description: Pit 2/ Soil	Matrix: Solid
Date Sampled: 05/06/2008 0900	% Solids: 92.0 05/07/2008 2309
Date Received: 05/07/2008	

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	05/12/2008 2145	LH		78590	6.35

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.3	0.34	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		8.6	1.3	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.3	2.2	ug/kg	1
Naphthalene	91-20-3	8260B	ND		4.3	1.4	ug/kg	1
n-Propylbenzene	103-65-1	8260B	ND		4.3	0.86	ug/kg	1
Styrene	100-42-5	8260B	ND		4.3	0.94	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.3	0.40	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		4.3	2.0	ug/kg	1
Toluene	108-88-3	8260B	ND		4.3	1.4	ug/kg	1
1,2,3-Trichlorobenzene	87-61-6	8260B	ND		4.3	1.4	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.3	1.4	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.3	0.73	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.3	0.68	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.3	1.6	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.3	1.3	ug/kg	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		4.3	0.73	ug/kg	1
1,2,4-Trimethylbenzene	95-63-6	8260B	ND		4.3	1.4	ug/kg	1
1,3,5-Trimethylbenzene	108-67-8	8260B	ND		4.3	1.4	ug/kg	1
Vinyl acetate	108-05-4	8260B	ND		4.3	0.77	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.3	0.74	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.3	2.5	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		93	53-142
Bromofluorobenzene		96	47-138
Toluene-d8		95	68-124

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	05/13/2008 0048	GLR	05/08/2008 1930	78321

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270C	ND		360	11	ug/kg	1
Acenaphthylene	208-96-8	8270C	ND		360	14	ug/kg	1
Acetophenone	98-86-2	8270C	ND		360	21	ug/kg	1
Anthracene	120-12-7	8270C	ND		360	16	ug/kg	1
Atrazine	1912-24-9	8270C	ND		360	110	ug/kg	1
Benzaldehyde	100-52-7	8270C	ND		900	29	ug/kg	1
Benzo(a)anthracene	56-55-3	8270C	ND		360	12	ug/kg	1

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

Client: HAZ-MAT Transportation and Disposal, Inc.
Laboratory ID: JE07066-001
Description: Pit 2/ Soil
Matrix: Solid
Date Sampled: 05/06/2008 0900
% Solids: 92.0 05/07/2008 2309
Date Received: 05/07/2008

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	05/13/2008 0048	GLR	05/08/2008 1930	78321

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Benzo(a)pyrene	50-32-8	8270C	ND		360	26	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270C	ND		360	24	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270C	ND		360	24	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270C	ND		360	30	ug/kg	1
1,1'-Biphenyl	92-52-4	8270C	ND		360	33	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270C	ND		360	15	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270C	ND		360	120	ug/kg	1
Caprolactam	105-60-2	8270C	ND		900	26	ug/kg	1
Carbazole	86-74-8	8270C	ND		360	11	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270C	ND		360	20	ug/kg	1
4-Chloroaniline	106-47-8	8270C	ND		360	18	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270C	ND		360	16	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270C	ND		360	15	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270C	ND		360	14	ug/kg	1
2-Chloronaphthalene	91-58-7	8270C	ND		360	17	ug/kg	1
2-Chlorophenol	95-57-8	8270C	ND		360	15	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270C	ND		360	14	ug/kg	1
Chrysene	218-01-9	8270C	ND		360	11	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270C	ND		360	120	ug/kg	1
Di-n-octylphthalate	117-84-0	8270C	ND		360	120	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270C	ND		360	24	ug/kg	1
Dibenzofuran	132-64-9	8270C	ND		360	14	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270C	ND		900	62	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270C	ND		360	14	ug/kg	1
Diethylphthalate	84-66-2	8270C	ND		360	120	ug/kg	1
Dimethyl phthalate	131-11-3	8270C	ND		360	120	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270C	ND		360	19	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270C	ND		900	42	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270C	ND		900	7.2	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270C	ND		360	26	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270C	ND		360	31	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270C	ND		360	120	ug/kg	1
Fluoranthene	206-44-0	8270C	ND		360	11	ug/kg	1
Fluorene	86-73-7	8270C	ND		360	14	ug/kg	1
Hexachlorobenzene	118-74-1	8270C	ND		360	14	ug/kg	1
Hexachlorobutadiene	87-68-3	8270C	ND		360	15	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270C	ND		900	70	ug/kg	1
Hexachloroethane	67-72-1	8270C	ND		360	18	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270C	ND		360	32	ug/kg	1
Isophorone	78-59-1	8270C	ND		360	17	ug/kg	1

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

Client: HAZ-MAT Transportation and Disposal, Inc.
Laboratory ID: JE07066-001
Description: Pit 2/ Soil
Matrix: Solid
Date Sampled: 05/06/2008 0900
% Solids: 92.0 05/07/2008 2309
Date Received: 05/07/2008

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	05/13/2008 0048	GLR	05/08/2008 1930	78321

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
2-Methylnaphthalene	91-57-6	8270C	ND		360	13	ug/kg	1
2-Methylphenol	95-48-7	8270C	ND		360	20	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270C	ND		730	34	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270C	ND		360	18	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270C	ND		360	12	ug/kg	1
Naphthalene	91-20-3	8270C	ND		360	15	ug/kg	1
2-Nitroaniline	88-74-4	8270C	ND		360	25	ug/kg	1
3-Nitroaniline	99-09-2	8270C	ND		360	26	ug/kg	1
4-Nitroaniline	100-01-6	8270C	ND		360	21	ug/kg	1
Nitrobenzene	98-95-3	8270C	ND		360	16	ug/kg	1
2-Nitrophenol	88-75-5	8270C	ND		360	39	ug/kg	1
4-Nitrophenol	100-02-7	8270C	ND		900	150	ug/kg	1
Pentachlorophenol	87-86-5	8270C	ND		900	38	ug/kg	1
Phenanthrene	85-01-8	8270C	ND		360	14	ug/kg	1
Phenol	108-95-2	8270C	ND		360	17	ug/kg	1
Pyrene	129-00-0	8270C	ND		360	16	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270C	ND		360	18	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270C	ND		360	20	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		93	30-117
2-Fluorobiphenyl		80	33-102
2-Fluorophenol		76	28-104
Nitrobenzene-d5		77	22-109
Phenol-d5		79	27-103
Terphenyl-d14		102	41-120

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P = The RPD between two GC columns exceeds 40%
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
N = Recovery is out of criteria

SHEALY ENVIRONMENTAL SERVICES, INC.

SHEALY Chain of Custody Record

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 84264

Client	Haz Mat
Address	221 Dalton Ave
City / State / Zip Code	Charlotte / NC / 28237
Project Name	Equity Commercial Properties
Project No.	
P.O. No.	
Report to Contact	Craig Hilliard
Sampler's Signature	X
Printed Name	Craig Hilliard
Telephone No. / Fax No. / E-mail	704-200-1136 craig@hazmatinc.com
Waybill No.	
Quote No.	11428
Page	1 of 1
Analysis (Attach list if more space is needed.)	8260 VOC; 8270 SMVOC
Lot No.	JF07066

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	Grab (G) Composite (C)	Matrix: Aqueous	Solid	Non-Aqueous	No. of Containers by Preservative Type: Unpres.	H2SO4	HNO3	HCl	NaOH	NaS2O3		8260 VOC	8270 SMVOC	Remarks / Cooler I.D.
Pit 2 / Soil (72 hr. TAT)	5/6	9am	C		X									X	X	

Possible Hazard Identification: X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

Sample Disposal: ☐ Return to Client X Disposal by Lab

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Turn Around Time Required (Prior lab approval required for expedited TAT.): ☐ Standard X Rush (Specify) 72 hrs. TAT

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished by	5-7-08	12:20	1. Received by	5-7-08	12:20
2. Relinquished by	5-7-08	1550	2. Received by	5.7.08	1550
3. Relinquished by	5.7.08	1655	3. Laboratory received by	05/07/08	1655

Comments:

LAB USE ONLY: Received on ice (Circle) Yes No Ice Pack TB

Receipt Temp. 4.4 °C

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-012 Effective Date: 08-04-02

SHEALY ENVIRONMENTAL SERVICES, INC.

Shealy Environmental Services, Inc.
Document Number: F-AD-016
Revision Number: 6

Page 1 of 1
Replaces Date: 09/22/06
Effective Date: 05/29/07

Sample Receipt Checklist (SRC)

Client: Haz Mat Cooler Inspected by/date: CB SAM / 05/07/08 Lot #: JE07066

Means of receipt: ☑ SESI ☐ Client ☐ UPS ☐ FedEx ☐ Airborne Exp ☐ Other

Yes ☐	No ☐	NA ☑	1. Were custody seals present on the cooler?
Yes ☐	No ☐	NA ☑	2. If custody seals were present, were they intact and unbroken?

Cooler ID/temperature upon receipt 4.4 °C / °C / °C / °C / °C / °C / °C

Method: ☑ Temperature Blank ☐ Against Bottles
Method of coolant: ☑ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None

If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.

Yes ☐	No ☐	NA ☑	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other:_____. (For coolers received via commercial courier, PMs are to be notified immediately.
Yes ☐	No ☐	NA ☑	4. Is the commercial courier's packing slip attached to this form?
Yes ☑	No ☐	NA ☐	5. Were proper custody procedures (relinquished/received) followed?
Yes ☑	No ☐	NA ☐	6. Were sample IDs listed?
Yes ☑	No ☐	NA ☐	7. Was collection date & time listed?
Yes ☑	No ☐	NA ☐	8. Were tests to be performed listed on the COC or was quote # provided?
Yes ☑	No ☐	NA ☐	9. Did all samples arrive in the proper containers for each test?
Yes ☑	No ☐	NA ☐	10. Did all container label information (ID, date, time) agree with COC?
Yes ☑	No ☐	NA ☐	11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes ☑	No ☐	NA ☐	12. Was adequate sample volume available?
Yes ☑	No ☐	NA ☐	13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☑	NA ☐	14. Were any samples containers missing?
Yes ☐	No ☑	NA ☐	15. Were there any excess samples not listed on COC?
Yes ☐	No ☐	NA ☑	16. Were bubbles present >"pea-size" (¼"or 6mm in diameter) in any VOA vials?
Yes ☐	No ☐	NA ☑	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☐	No ☐	NA ☑	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐	No ☐	NA ☑	19. Were all applicable NH3/TKN/cyanide/phenol/BNA/pest/PCB/herb (<0.2mg/L) and toxicity (<0.1mg/L) samples free of residual chlorine?
Yes ☐	No ☐	NA ☑	20. Were collection temperatures documented on the COC for NC samples?

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s)_____were received incorrectly preserved and were adjusted accordingly in sample receiving with _____(H_2SO_4,HNO_3,HCl,NaOH) with the SR # (number) _____.

Sample(s)_____were received with bubbles >6 mm in diameter.

Sample(s)_____were received with TRC >0.2 mg/L for NH3/TKN/cyanide/BNA/pest/PCB/herb.

Toxicity sample(s)_____were received with TRC >0.1 mg/L and were analyzed by method 330.5.

Corrective Action taken, if necessary:

Was client notified: Yes ☐ No ☐ Did client respond: Yes ☐ No ☐

SESI employee:_____ Date of response: _____

Comments:_____

Report of Analysis

HAZ-MAT Transportation and Disposal, Inc.
PO Box 37392
Charlotte, NC 28237
Attention: Craig Hilliard

Project Name: Equity Commercial Property

Lot Number: JE07065
Date Completed: 05/13/2008

R. Brooke Montgomery
Project Manager

This report shall not be reproduced, except in its entirety, without the written approval of Shealy Environmental Services, Inc.

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

* J E 0 7 0 6 5 *

Case Narrative

HAZ-MAT Transportation and Disposal, Inc.

Lot Number: JE07065

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

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

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

Sample Summary

HAZ-MAT Transportation and Disposal, Inc.

Lot Number: JE07065

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	Pit 1/ Soil	Solid	05/06/2008 0900	05/07/2008

(1 sample)

Executive Summary

HAZ-MAT Transportation and Disposal, Inc.

Lot Number: JE07065

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	Pit 1/ Soil	Solid	Tetrachloroethene	8260B	3.8	J	ug/kg	7
001	Pit 1/ Soil	Solid	bis(2-Ethylhexyl)phthalate	8270C	190	J	ug/kg	8

(2 detections)

Client: HAZ-MAT Transportation and Disposal, Inc.
Description: Pit 1/ Soil
Date Sampled: 05/06/2008 0900
Date Received: 05/07/2008

Laboratory ID: JE07065-001
Matrix: Solid
% Solids: 93.0 05/07/2008 2309

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	05/12/2008 2121	LH		78590	6.07

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		18	5.9	ug/kg	1
Benzene	71-43-2	8260B	ND		4.4	0.97	ug/kg	1
Bromobenzene	108-86-1	8260B	ND		4.4	0.62	ug/kg	1
Bromochloromethane	74-97-5	8260B	ND		4.4	0.88	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.4	1.5	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.4	0.62	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.4	1.6	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		8.8	2.1	ug/kg	1
n-Butylbenzene	104-51-8	8260B	ND		4.4	0.88	ug/kg	1
sec-Butylbenzene	135-98-8	8260B	ND		4.4	0.88	ug/kg	1
tert-Butylbenzene	98-06-6	8260B	ND		4.4	0.88	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.4	1.6	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.4	1.5	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.4	1.2	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.4	0.73	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.4	0.88	ug/kg	1
2-Chlorotoluene	95-49-8	8260B	ND		4.4	2.4	ug/kg	1
4-Chlorotoluene	106-43-4	8260B	ND		4.4	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.4	1.5	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.4	0.75	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.4	1.5	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.4	1.5	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.4	1.5	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.4	1.4	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.4	0.65	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.4	0.88	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.4	1.5	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.4	0.67	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.4	1.3	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.4	0.80	ug/kg	1
1,3-Dichloropropane	142-28-9	8260B	ND		4.4	0.88	ug/kg	1
2,2-Dichloropropane	594-20-7	8260B	ND		4.4	0.97	ug/kg	1
1,1-Dichloropropene	563-58-6	8260B	ND		4.4	1.3	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.4	0.60	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.4	0.72	ug/kg	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		4.4	0.27	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.4	1.5	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		8.8	1.2	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.4	0.71	ug/kg	1
p-Isopropyltoluene	99-87-6	8260B	ND		4.4	1.2	ug/kg	1

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

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

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

Client: HAZ-MAT Transportation and Disposal, Inc.	Laboratory ID: JE07065-001
Description: Pit 1/ Soil	Matrix: Solid
Date Sampled: 05/06/2008 0900	% Solids: 93.0 05/07/2008 2309
Date Received: 05/07/2008	

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	05/12/2008 2121	LH		78590	6.07

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.4	0.35	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		8.8	1.3	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.4	2.3	ug/kg	1
Naphthalene	91-20-3	8260B	ND		4.4	1.5	ug/kg	1
n-Propylbenzene	103-65-1	8260B	ND		4.4	0.88	ug/kg	1
Styrene	100-42-5	8260B	ND		4.4	0.97	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.4	0.42	ug/kg	1
Tetrachloroethene	127-18-4	8260B	3.8	J	4.4	2.0	ug/kg	1
Toluene	108-88-3	8260B	ND		4.4	1.5	ug/kg	1
1,2,3-Trichlorobenzene	87-61-6	8260B	ND		4.4	1.5	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.4	1.5	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.4	0.75	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.4	0.70	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.4	1.7	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.4	1.3	ug/kg	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		4.4	0.75	ug/kg	1
1,2,4-Trimethylbenzene	95-63-6	8260B	ND		4.4	1.5	ug/kg	1
1,3,5-Trimethylbenzene	108-67-8	8260B	ND		4.4	1.5	ug/kg	1
Vinyl acetate	108-05-4	8260B	ND		4.4	0.80	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.4	0.76	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.4	2.6	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		95	53-142
Bromofluorobenzene		99	47-138
Toluene-d8		94	68-124

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	05/13/2008 1051	GLR	05/08/2008 1930	78321

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acenaphthene	83-32-9	8270C	ND		350	11	ug/kg	1
Acenaphthylene	208-96-8	8270C	ND		350	14	ug/kg	1
Acetophenone	98-86-2	8270C	ND		350	21	ug/kg	1
Anthracene	120-12-7	8270C	ND		350	15	ug/kg	1
Atrazine	1912-24-9	8270C	ND		350	100	ug/kg	1
Benzaldehyde	100-52-7	8270C	ND		880	28	ug/kg	1
Benzo(a)anthracene	56-55-3	8270C	ND		350	12	ug/kg	1

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P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: HAZ-MAT Transportation and Disposal, Inc.
Laboratory ID: JE07065-001
Description: Pit 1/ Soil
Matrix: Solid
Date Sampled: 05/06/2008 0900
% Solids: 93.0 05/07/2008 2309
Date Received: 05/07/2008

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	05/13/2008 1051	GLR	05/08/2008 1930	78321

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Benzo(a)pyrene	50-32-8	8270C	ND		350	25	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270C	ND		350	24	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270C	ND		350	24	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270C	ND		350	29	ug/kg	1
1,1'-Biphenyl	92-52-4	8270C	ND		350	32	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270C	ND		350	15	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270C	ND		350	120	ug/kg	1
Caprolactam	105-60-2	8270C	ND		880	26	ug/kg	1
Carbazole	86-74-8	8270C	ND		350	10	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270C	ND		350	19	ug/kg	1
4-Chloroaniline	106-47-8	8270C	ND		350	18	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270C	ND		350	15	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270C	ND		350	15	ug/kg	1
bis(2-Chloroisopropyl)ether	108-60-1	8270C	ND		350	13	ug/kg	1
2-Chloronaphthalene	91-58-7	8270C	ND		350	17	ug/kg	1
2-Chlorophenol	95-57-8	8270C	ND		350	15	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270C	ND		350	14	ug/kg	1
Chrysene	218-01-9	8270C	ND		350	11	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270C	ND		350	120	ug/kg	1
Di-n-octylphthalate	117-84-0	8270C	ND		350	120	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270C	ND		350	23	ug/kg	1
Dibenzofuran	132-64-9	8270C	ND		350	14	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270C	ND		880	60	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270C	ND		350	14	ug/kg	1
Diethylphthalate	84-66-2	8270C	ND		350	120	ug/kg	1
Dimethyl phthalate	131-11-3	8270C	ND		350	120	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270C	ND		350	18	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270C	ND		880	40	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270C	ND		880	7.0	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270C	ND		350	26	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270C	ND		350	30	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270C	190	J	350	120	ug/kg	1
Fluoranthene	206-44-0	8270C	ND		350	11	ug/kg	1
Fluorene	86-73-7	8270C	ND		350	13	ug/kg	1
Hexachlorobenzene	118-74-1	8270C	ND		350	14	ug/kg	1
Hexachlorobutadiene	87-68-3	8270C	ND		350	14	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270C	ND		880	68	ug/kg	1
Hexachloroethane	67-72-1	8270C	ND		350	17	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270C	ND		350	31	ug/kg	1
Isophorone	78-59-1	8270C	ND		350	16	ug/kg	1

PQL = Practical quantitation limit
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Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"
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Client: HAZ-MAT Transportation and Disposal, Inc.
Laboratory ID: JE07065-001
Description: Pit 1/ Soil
Matrix: Solid
Date Sampled: 05/06/2008 0900
% Solids: 93.0 05/07/2008 2309
Date Received: 05/07/2008

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550B	8270C	1	05/13/2008 1051	GLR	05/08/2008 1930	78321

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
2-Methylnaphthalene	91-57-6	8270C	ND		350	12	ug/kg	1
2-Methylphenol	95-48-7	8270C	ND		350	20	ug/kg	1
3 & 4-Methylphenol	106-44-5	8270C	ND		710	33	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270C	ND		350	18	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270C	ND		350	12	ug/kg	1
Naphthalene	91-20-3	8270C	ND		350	15	ug/kg	1
2-Nitroaniline	88-74-4	8270C	ND		350	25	ug/kg	1
3-Nitroaniline	99-09-2	8270C	ND		350	25	ug/kg	1
4-Nitroaniline	100-01-6	8270C	ND		350	21	ug/kg	1
Nitrobenzene	98-95-3	8270C	ND		350	16	ug/kg	1
2-Nitrophenol	88-75-5	8270C	ND		350	38	ug/kg	1
4-Nitrophenol	100-02-7	8270C	ND		880	150	ug/kg	1
Pentachlorophenol	87-86-5	8270C	ND		880	37	ug/kg	1
Phenanthrene	85-01-8	8270C	ND		350	14	ug/kg	1
Phenol	108-95-2	8270C	ND		350	17	ug/kg	1
Pyrene	129-00-0	8270C	ND		350	15	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270C	ND		350	18	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270C	ND		350	19	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		72	30-117
2-Fluorobiphenyl		57	33-102
2-Fluorophenol		57	28-104
Nitrobenzene-d5		52	22-109
Phenol-d5		58	27-103
Terphenyl-d14		82	41-120

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

SHEALY *Chain of Custody Record*

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 84263

Client: Haz Mat
Address: 221 Dalton Ave
City: Charlotte | State: NC | Zip Code: 28237
Project Name: Equity Commercial Properties
Project No.:
P.O. No.:

Report to Contact: Craig Hilliard
Sampler's Signature: X
Printed Name: Craig Hilliard

Telephone No. / Fax No. / E-mail: 704-200-1136 craig@hazmatnc.com
Waybill No.:
Quote No.: 11428
Page 1 of 1

Analysis (Attach list if more space is needed.): 8260 VOC, 8270 SMVOC

Lot No.: JE07065

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	Grab	Composite	Aqueous	Solid	Non-Aqueous	Unpres.	H2SO4	HNO3	HCl	NaOH	NaS2O3	Remarks / Cooler I.D.
Pit 1 / Soil (72 hr. TAT)	5/6	9:00am	C			X								

Possible Hazard Identification: X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

Sample Disposal: ☐ Return to Client X Disposal by Lab

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Turn Around Time Required (Prior lab approval required for expedited TAT.): ☐ Standard X Rush (Specify) 72 hrs. TAT

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished by	5-7-08	12:20	1. Received by	5-7-08	12:20
2. Relinquished by	5-7-08	1550	2. Received by	5.7.08	1550
3. Relinquished by	5.7.08	1655	3. Laboratory received by	05/07/08	1655

Comments:

LAB USE ONLY
Received on Ice (Circle) Yes No Ice Pack
Receipt Temp. 4.4 °C

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s), PINK-Field/Client Copy

Document Number: F-AD-012 Effective Date: 08-04-02

Shealy Environmental Services, Inc.
Document Number: F-AD-016
Revision Number: 6

Page 1 of 1
Replaces Date: 09/22/06
Effective Date: 05/29/07

Sample Receipt Checklist (SRC)

Client: HazMat Cooler Inspected by/date: CB SAM / 05/07/08 Lot #: JE07065

Means of receipt: ☑ SESI ☐ Client ☐ UPS ☐ FedEx ☐ Airborne Exp ☐ Other

Yes ☐	No ☐	NA ☑	1. Were custody seals present on the cooler?
Yes ☐	No ☐	NA ☑	2. If custody seals were present, were they intact and unbroken?

Cooler ID/temperature upon receipt 4.4 °C / °C / °C / °C / °C / °C / °C

Method: ☑ Temperature Blank ☐ Against Bottles
Method of coolant: ☑ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None

If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.

Yes ☐	No ☐	NA ☑	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other: _____. (For coolers received via commercial courier, PMs are to be notified immediately.
Yes ☐	No ☐	NA ☑	4. Is the commercial courier's packing slip attached to this form?
Yes ☑	No ☐	NA ☐	5. Were proper custody procedures (relinquished/received) followed?
Yes ☑	No ☐	NA ☐	6. Were sample IDs listed?
Yes ☑	No ☐	NA ☐	7. Was collection date & time listed?
Yes ☑	No ☐	NA ☐	8. Were tests to be performed listed on the COC or was quote # provided?
Yes ☑	No ☐	NA ☐	9. Did all samples arrive in the proper containers for each test?
Yes ☑	No ☐	NA ☐	10. Did all container label information (ID, date, time) agree with COC?
Yes ☑	No ☐	NA ☐	11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes ☑	No ☐	NA ☐	12. Was adequate sample volume available?
Yes ☑	No ☐	NA ☐	13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☑	NA ☐	14. Were any samples containers missing?
Yes ☐	No ☑	NA ☐	15. Were there any excess samples not listed on COC?
Yes ☐	No ☐	NA ☑	16. Were bubbles present >"pea-size" (¼" or 6mm in diameter) in any VOA vials?
Yes ☐	No ☐	NA ☑	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☐	No ☐	NA ☑	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐	No ☐	NA ☑	19. Were all applicable NH3/TKN/cyanide/phenol/BNA/pest/PCB/herb (<0.2mg/L) and toxicity (<0.1mg/L) samples free of residual chlorine?
Yes ☐	No ☐	NA ☑	20. Were collection temperatures documented on the COC for NC samples?

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s)_____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H_2SO_4,HNO_3,HCl,NaOH) with the SR # (number)

Sample(s)_____ were received with bubbles >6 mm in diameter.

Sample(s)_____ were received with TRC >0.2 mg/L for NH3/TKN/cyanide/BNA/pest/PCB/herb.

Toxicity sample(s)_____ were received with TRC >0.1 mg/L and were analyzed by method 330.5.

Corrective Action taken, if necessary:

Was client notified: Yes ☐ No ☐ Did client respond: Yes ☐ No ☐

SESI employee:_____ Date of response: _____

Comments:

Project No. 071048
File with Lab Data

RANSOM
Environmental
Consultants, Inc.

LABORATORY REPORT CHECKLIST

Laboratory: Sheaty Environmental Services, Inc.

Site: Hale Brake + Tire Lab Job No.: JE07065

Report Reviewed by: Aaron Martin Date Reviewed: 3/9/11

Sample Description: Confirmatory Soil Samples

Sample Integrity

- ☑ Custody Seal
- ☑ Temperature 4.4 °C
- ☑ Preservation
- ☑ Containers
- ☑ Holding time
- ☑ Date and time of collection
- ☑ Field identification accurate
- ☑ Filtration, any field manipulation noted
- ☐ Separate phase, matrix notes

Laboratory Information

- ☑ Current certification (if applicable)
- ☑ Name and address
- ☑ Signed by Lab Director or designee
- ☑ Lab ID No.
- ☐ Certification Statement (EPH/VPH)

Chain of Custody

- ☑ Relinquish and receipt signatures, dates, and times
- ☑ No gaps in custody
- ☑ Name of person collecting sample

Laboratory Report

- ☑ Method Reference
  Sample preparation
  Analysis method
  Modifications to method
- ☑ Units (solids on a dry weight basis)
- ☑ Reporting limits
- ☑ Analyst
- ☑ Date of analysis
- ☑ Date of preparation, if applicable
- ☑ Dilution factors
- ☑ % Moisture for solid samples
- ☑ Target analytes correct
- ☑ Matrix
- ☑ Lab report and/or sample ID#

Quality Assurance/Quality Control

- ☑ Any findings notes, explained well, data impact clear
- ☑ Method blank less than detection limit or not greater than 10% of lowest detected sample
- ☐ Surrogates, every sample, in control or discussed
- ☑ Matrix Spike/Matrix Spike Duplicate/Duplicate in control or discussed

Comments: _____

Project No. 071048
File with Lab Data

RANSOM Environmental Consultants, Inc.

LABORATORY REPORT CHECKLIST

Laboratory: Sheaty Environmental Services, Inc.

Site: Hale Brake + Tire Lab Job No.: JE07066

Report Reviewed by: Aaron Martin Date Reviewed: 3/9/11

Sample Description: Confirmatory Soil Samples

Sample Integrity

- ☑ Custody Seal
- ☑ Temperature 4.4 °C
- ☑ Preservation
- ☑ Containers
- ☑ Holding time
- ☑ Date and time of collection
- ☑ Field identification accurate
- ☑ Filtration, any field manipulation noted
- ☑ Separate phase, matrix notes

Laboratory Information

- ☑ Current certification (if applicable)
- ☑ Name and address
- ☑ Signed by Lab Director or designee
- ☑ Lab ID No.
- ☐ Certification Statement (EPH/VPH)

Chain of Custody

- ☑ Relinquish and receipt signatures, dates, and times
- ☑ No gaps in custody
- ☑ Name of person collecting sample

Laboratory Report

- ☑ Method Reference
  Sample preparation
  Analysis method
  Modifications to method
- ☑ Units (solids on a dry weight basis)
- ☑ Reporting limits
- ☑ Analyst
- ☑ Date of analysis
- ☑ Date of preparation, if applicable
- ☑ Dilution factors
- ☑ % Moisture for solid samples
- ☑ Target analytes correct
- ☑ Matrix
- ☑ Lab report and/or sample ID#

Quality Assurance/Quality Control

- ☑ Any findings notes, explained well, data impact clear
- ☑ Method blank less than detection limit or not greater than 10% of lowest detected sample
- ☑ Surrogates, every sample, in control or discussed
- ☑ Matrix Spike/Matrix Spike Duplicate/Duplicate in control or discussed

Comments:

Project No. 071048
File with Lab Data

RANSOM
Environmental
Consultants, Inc.

LABORATORY REPORT CHECKLIST

Laboratory: Sheaty Environmental Services, Inc.

Site: Hale Brake + Tire Lab Job No.: JE23046

Report Reviewed by: Aaron Martin Date Reviewed: 3/9/11

Sample Description: Confirmatory Soil Samples

Sample Integrity

- ☑ Custody Seal
- ☑ Temperature 4.6 °C
- ☑ Preservation
- ☑ Containers
- ☑ Holding time
- ☑ Date and time of collection
- ☑ Field identification accurate
- ☑ Filtration, any field manipulation noted
- ☑ Separate phase, matrix notes

Laboratory Information

- ☑ Current certification (if applicable)
- ☑ Name and address
- ☑ Signed by Lab Director or designee
- ☑ Lab ID No.
- ☐ Certification Statement (EPH/VPH)

Chain of Custody

- ☑ Relinquish and receipt signatures, dates, and times
- ☑ No gaps in custody
- ☑ Name of person collecting sample

Laboratory Report

- ☑ Method Reference
- Sample preparation
- Analysis method
- Modifications to method
- ☑ Units (solids on a dry weight basis)
- ☑ Reporting limits
- ☑ Analyst
- ☑ Date of analysis
- ☑ Date of preparation, if applicable
- ☑ Dilution factors
- ☑ % Moisture for solid samples
- ☑ Target analytes correct
- ☑ Matrix
- ☑ Lab report and/or sample ID#

Quality Assurance/Quality Control

- ☑ Any findings notes, explained well, data impact clear
- ☑ Method blank less than detection limit or not greater than 10% of lowest detected sample
- ☑ Surrogates, every sample, in control or discussed
- ☑ Matrix Spike/Matrix Spike Duplicate/Duplicate in control or discussed

Comments:

Project No. 071048
File with Lab Data

RANSOM
Environmental
Consultants, Inc.

LABORATORY REPORT CHECKLIST

Laboratory: Skeady Environmental Services, Inc.

Site: Hale Brake + Tire Lab Job No.: JF05078

Report Reviewed by: Aaron Martin Date Reviewed: 3/9/11

Sample Description: Confirmatory Soil Samples

Sample Integrity

- ☑ Custody Seal
- ☐ Temperature 2.4 °C
- ☑ Preservation
- ☑ Containers
- ☑ Holding time
- ☑ Date and time of collection
- ☑ Field identification accurate
- ☑ Filtration, any field manipulation noted
- ☑ Separate phase, matrix notes

Laboratory Information

- ☑ Current certification (if applicable)
- ☑ Name and address
- ☑ Signed by Lab Director or designee
- ☑ Lab ID No.
- ☐ Certification Statement (EPH/VPH)

Chain of Custody

- ☑ Relinquish and receipt signatures, dates, and times
- ☑ No gaps in custody
- ☑ Name of person collecting sample

Laboratory Report

- ☑ Method Reference
  Sample preparation
  Analysis method
  Modifications to method
- ☑ Units (solids on a dry weight basis)
- ☑ Reporting limits
- ☑ Analyst
- ☑ Date of analysis
- ☑ Date of preparation, if applicable
- ☑ Dilution factors
- ☑ % Moisture for solid samples
- ☑ Target analytes correct
- ☑ Matrix
- ☑ Lab report and/or sample ID#

Quality Assurance/Quality Control

- ☑ Any findings notes, explained well, data impact clear
- ☑ Method blank less than detection limit or not greater than 10% of lowest detected sample
- ☑ Surrogates, every sample, in control or discussed
- ☑ Matrix Spike/Matrix Spike Duplicate/Duplicate in control or discussed

Comments:

ATTACHMENT F

Copy of Uniform Hazardous Waste Manifest

Remedial Investigation/Phase II Limited Subsurface Investigations and
Remedial Action Completion Report
1136–1150 Ivey Cline Road
Concord, North Carolina
NC DENR Spill No. NONCD0002803

001316313FLE

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NCP 052208010
2. Page 1 of
3. Emergency Response Phone: (704) 332-5600
4. Manifest Tracking Number: 001316313 FLE

5. Generator's Name and Mailing Address: Equity Commercial Properties, 114 Mariake Drive, Suite 102, Mooresville, NC 28117

Generator's Site Address (if different than mailing address): Waterset Inc., 1150 Ivey Cline Road, Concord, NC 28027

Generator's Phone:

6. Transporter 1 Company Name: Hur-Mat Transportation & Disposal — U.S. EPA ID Number: NCD000009185

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Wayne Disposal Site Landfill, 49350 North I-94 Service Drive, Belleville, MI 48111 (800) 592-5489 — U.S. EPA ID Number: MID043090633

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Environmentally Hazardous Substance, solid, n.o.s. (Tetrachloroethene), 9, UN 3077, PG III	001	CM	~~15~~ 9227	~~F~~ K	D039 D040
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information: E083114WDI/ SOIL/ ERG #171

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: JAMES W. PRUECH — Signature: [signature] — Month 06 Day 24 Year 08

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. — Port of entry/exit: — Date leaving U.S.:
Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: AARON DRAGE — Signature: [signature] — Month 6 Day 25 Year 08
Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space: ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Amended section 11 per EQ Atlanta 6-27-08
18b. Alternate Facility (or Generator) — Manifest Reference Number: — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H192 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: [illegible] — Signature: [signature] — Month 06 Day 26 Year 08

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

ATTACHMENT G

Certification of Remediating Party and Environmental Consultant of Remediating Party

Remedial Investigation/Phase II Limited Subsurface Investigations and
Remedial Action Completion Report
1136–1150 Ivey Cline Road
Concord, North Carolina
NC DENR Spill No. NONCD0002803

CERTIFICATION OF REMEDIATING PARTY

"I certify that, to the best of my knowledge, after thorough investigation, the information contained in or accompanying this certification is true, accurate, and complete."

Name and Address of Property Remediated
Hale Trailer Brake & Wheel, Inc.
1136-1150 Ivey Cline Road
Concord, North Carolina 28027

Remediating Party Representative (signature) — Date 4/6/11

Remediating Party Representative (print) — Executive Vice President

Hale Trailer Brake & Wheel, Inc.

P. O. Box 1400
Mailing Address

Voorhees, NJ 08043
City, State, Zip

New Jersey (Enter State)

Camden COUNTY

I, Linda M. Bond, a Notary Public of said County and State, do hereby certify that David J. Tomasello did personally appear and sign before me this day, produced proper identification in the form of Executive V.P. of Hale Trailer, was duly sworn or affirmed, and declared that, he or she is the duly authorized remediating party of the property referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 6th day of April, 2011.

Linda M. Bond
Notary Public (signature)

(OFFICIAL SEAL)

My Commission Expires: 12/4/2012.

CERTIFICATION OF ENVIRONMENTAL CONSULTANT OF REMEDIATING PARTY

"I certify that, to the best of my knowledge, after thorough investigation, the information contained in or accompanying this certification is true, accurate, and complete."

Name and Address of Property Remediated
Hale Trailer Brake & Wheel, Inc.
1136-1150 Ivey Cline Road
Concord, North Carolina 28027

P. J. Sherr
Environmental Consultant of Remediating Party (signature)

4/11/11
Date

PETER J. SHERR
Environmental Consultant of Remediating Party (print)

RANSOM ENVIRONMENTAL CONSULTANTS, INC
400 COMMERCIAL STREET, SUITE 401
Mailing Address

PORTLAND, MAINE 04101
City, State, Zip

MAINE (Enter State)

CUMBERLAND COUNTY

I, STEVEN S. JOHNSON, a Notary Public of said County and State, do hereby certify that PETER J. SHERR did personally appear and sign before me this day, produced proper identification in the form of DRIVERS LICENSE, was duly sworn or affirmed, and declared that, he or she is the duly authorized environmental consultant of the remediating party of the property referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 11 day of APRIL, 2011.

Steven S. Johnson
Notary Public (signature)

(OFFICIAL SEAL)

My Commission Expires: _____.

STEVEN S. JOHNSON
NOTARY PUBLIC, MAINE
My Commission Expires October 15, 2013