Underground Storage Tank Closure Report
NC DOT Multi-Modal Station
600 West Trade Street
DOT Parcel 14
Northwest Intersection of Trade Street and Wilkes Place
Charlotte, North Carolina

H&H Job No. ROW-131

FILE

State Project P-3800
WBS # 32179

August 25, 2005

Hart & Hickman

Hart & Hickman, PC
2923 S. Tryon Street
Suite 100
Charlotte, NC 28203

704
586-0007 phone
586-0373 fax

UNDERGROUND STORAGE TANK CLOSURE REPORT

I. General Information

A. Ownership of UST(s)

1. *Name of UST owner:*
   Unknown - Orphan USTs on NC DOT property

2. *Owner address and telephone number:*
   Property Owner: North Carolina Department of Transportation
   716 West Main Street
   Albemarle, North Carolina 28001

   Note:
   NC DOT Contact – Cyrus Parker (919-250-4088). Mailing Address for NC DOT contact person is 1589 Mail Service Center, Raleigh, NC 27699-1589 4401

B. Facility Information

1. *Facility name:*
   NC DOT Multi-Modal Site (Parcel 14). The site is located at northwest corner of West Trade Street and Wilkes Place in Charlotte, NC. The subject site is currently owned by NC DOT and leased to West Parking as a pay-as-you-go parking lot serving downtown Charlotte.

2. *Facility ID #:*
   NA.

3. *Facility address, telephone number and county:*
   The USTs were located near the northwestern corner of the intersection of Trade Street and Wilkes Place in Charlotte, North Carolina. NC DOT has designated this parcel as Parcel 14 and it is linked to the following address according to the Charlotte-Mecklenburg County GIS system:

   600 West Trade Street
   Charlotte, Mecklenburg County, North Carolina

   Contact Phone Number (919) 250-4088 Attn: Mr. Cyrus Parker

C. Contacts

1. *Name, address, telephone number and job title of primary contact person:*
   Mr. Cyrus Parker
   GeoEnviromental Project Manager
   1589 Mail Service Center
   Raleigh, North Carolina 27699-1589
   (919) 250-4088

2. *Name, address and telephone number of closure contractor:*
Soil Solutions, Inc.
1703 Vargrave Street
Winston-Salem, North Carolina 27107
(336) 725-5844

3. *Name, address and telephone number of primary consultant:*
Hart & Hickman, P.C.
2923 South Tryon Street, Suite 100
Charlotte, North Carolina 28203
(704) 586-0007
Attn: Michael S. Crouch, PG, PE

4. *Name, address, telephone number, and State certification number of laboratory:*
Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
(704) 875-9092
North Carolina Certification 37706

D. *UST Information*

Tank No.	Installation Date	Size in Gallons	Tank Dimensions	Last Contents	Other Contents (if any)
1	Unknown	12,000 gallons	Diameter: 10', length: 18'	Suspected to be Heating Oil	None
2	Unknown	12,000 gallons	Diameter: 10', length: 18'	Suspected to be Heating Oil	None

*See attached Figure No. 2 for tank locations.

During a DOT-contracted geophysical survey, an anomaly was noted suspected to be either surface metal or possibly a UST. During exploratory trenching, UST-1 was confirmed to be present and determined to be 10-ft in diameter. As described later in this report, during excavation of UST-1, the second UST was discovered. The dates of use for the USTs is not known, however based on prior review of Sanborn fire insurance maps, H&H believe the USTs are at least 50 years or more old. Additionally, during excavation, some bottles circa the 1930s were encountered in the UST basin, thus it is likely that the USTs were installed in the 1930's.

E. Site Characteristics

1. *Describe any past releases at this site:*

   None known.

2. *Is the facility active or inactive at this time?*

   The facility is currently a pay as you go parking lot. The property is owned by NC DOT and leased to West Parking. The orphan USTs were located west of Wilkes Place generally, within an access drive to the parking lot.

3. *Describe surrounding property use (for example, residential, commercial, farming, etc.):*

   The site is located in downtown Charlotte. Land use in the site area is primarily parking and commercial. A site location map is included as Figure 1.

4. *Describe the site geology/hydrogeology:*

   The subject property is located in the Piedmont Physiographic Province of North Carolina. According to the *Geologic Map of North Carolina* dated 1985, the subject property lies within the Charlotte Belt of the Piedmont. In the site area, underlying bedrock is composed of metamorphosed quartz diorite. The land surface of the area is generally characterized as gently sloping, which may become moderately steep where intersected by streams.

   In the Piedmont, the bedrock is overlain by a mantle of weathered rock termed saprolite or residuum. The saprolite consists of unconsolidated clay, silt, and sand with lesser amounts of rock fragments. Due to the range of parent rock types and their variable susceptibility to weathering, the saprolite ranges widely in color, texture, and thickness. Generally, the saprolite is thickest near interstream divides and thins toward streambeds. In profile, the saprolite normally grades from clayey soils near the land surface to highly weathered rock above competent bedrock.

   The occurrence and movement of ground water in the Piedmont is typically within two separate but interconnected water-bearing zones. A shallow water-bearing zone occurs within the saprolite, and a deeper water-bearing zone occurs within the underlying bedrock.

   Ground water in the shallow saprolite zone occurs in the interstitial pore spaces between the grains comprising the saprolitic soils. Ground water in this zone is typically under water table or unconfined conditions. Ground water movement is generally lateral from recharge areas to small streams that serve as localized discharge points.

The occurrence and movement of ground water in the underlying water-bearing zone within the crystalline bedrock is controlled by secondary joints, fractures, faults, and dikes within the bedrock. On a regional scale, the direction of ground water flow is typically from uplands to major streams and ground water sinks. The saprolite has a higher porosity than the bedrock and serves as a reservoir that supplies water to a network of fractures in the bedrock.

Based on topographic considerations, site ground water is generally expected to flow to the northwest toward Irwin Creek.

II. Closure Procedures

A. Describe preparations for closure including the steps taken to notify authorities, permits obtained and the steps taken to clean and purge the tanks:

On April 20, 2005, H&H discussed the UST removals at the Multi-Modal project with Mr. Allen Schiff of the North Carolina Department of Environment and Natural Resources (DENR) Mooresville Regional Office. Mr. Schiff indicated that a Notice of Intent: UST Permanent Closure of Change in Service (UST-3) was not required since the USTs were orphan USTs. Appendix A contains form UST-2.

The site is a commercial parking lot operated by West Parking. Therefore, the UST removals were coordinated with West Parking and spaces were blocked off prior to the removal to allow for working space.

The UST removal activities were conducted on July 28, 2005. Residual liquids within the UST were removed by Soil Solutions, Inc. (SSI) of Winston-Salem, North Carolina prior to removal.

As required, the UST removal activities were coordinated with the Charlotte Fire Department and a UST removal permit was obtained for the site.

B. Note the amount of residual material pumped from the tank(s):

Approximately 530 gallons of fluid were removed from the USTs on July 28, 2005. A copy of the Certificate of Disposal for the residual liquids is included as Appendix B.

C. Describe the storage, sampling and disposal of the residual material:

The residual liquids were directly pumped to a vac truck and then transported and disposed by SSI at their facility located in Winston-Salem, NC. As indicated above, the Certificate of Disposal is included in Appendix B.

D. Excavation

1. *Describe excavation procedures noting the condition of the soils and the dimensions of the excavation in relation to the tanks, piping and/or pumps:*

   H&H mobilized on site on July 27, 2005 to begin removal of one orphan UST on the property. At that time, only one UST was known to exist. Exploratory digging was conducted and it was determined that the UST was approximately 18 f long and 10 ft in diameter. On July 28, 2005 excavation along the sides of the UST was conducted and a second tank of similar size was discovered.

   As indicated previously, the site is a commercial parking lot and includes spaces rented by the month. A portion of the parking lot was closed during excavation to allow for access and working space. However, due to concerns by the parking lot owner, Mr. West, regarding providing parking for monthly customers, he limited the number of closed parking spots based upon space requirements for the one known UST. The second UST was discovered during excavation of the first UST, and therefore the work space for the removals was limited. Additionally, because of the nature of the parking, there was no method to contact the owners and movement of vehicles to create more space was not possible. Therefore, although sufficient space was available for the actual UST excavation, work space for maneuvering the equipment and stockpiling of overburden soil and backfill was limited. However, during subsequent excavation activities occurring on July 29, 2005, additional parking spaces were closed.

   Prior to removals, the tops of the USTs were uncovered using a trackhoe, and the tanks purged of potentially combustible vapors using dry ice. After testing the tanks with a combustible gas indicator to ensure that potentially combustible vapors had dissipated, the tanks were removed from the ground. The tanks were removed by excavating along the sides of the tanks with the trackhoe until the tanks could be lifted. Due to the size and weight of the USTs, they were removed from the basin with a crane.

   Following removal, the tanks were inspected. No holes except those made during the removal to allow for lifting with the crane were noted and the USTs appeared to be in good condition. SSI transported the USTs off-site for disposal at Coastal Carolina Recycling in Sanford, North Carolina. The USTs will ultimately be recycled at Nucor Steel. A copy of the tank disposal certificate for the USTs is included as Appendix C.

   Impacted soil was encountered beneath the USTs and excavation continued to remove impacted soils. Upon completion of the excavation it was approximately 38 ft by 33 ft by approximately 20 ft deep. The width of the excavation was dictated by the size of the USTs and not solely by the extent of impacted soil. It should be noted that severe weather (thunderstorms and rain) occurred during excavation activities.

Therefore, stockpiled overburden and clean backfill were covered with plastic to prevent siltation in the area and to protect the excavation from surface runoff.

2. *Note the depth of tank burial(s) (from land surface to top of tank):*

   The tops of the USTs were located approximate 2.5 to 3 ft below the ground surface.

3. *Quantity of soil removed:*

   A total of 110.34 tons of impacted soil was removed and transported by Soil Solutions to the Environmental Soils, Inc facility in Lattimore, North Carolina for offsite treatment. The manifest and Certificate of Acceptance is attached in Appendix D.

4. *Describe soil type(s):*

   Shallow soils encountered during removal of the UST were predominantly brown silts and clays.

5. *Type and source of backfill used:*

   The basin was backfilled with stone and fill obtained from a local quarry. The backfill was placed in lifts in the basin and compacted with a sheepsfoot compactor to bring the basin to grade. As indicated previously, rain occurred during excavation activities, therefore washed stone was used for backfill to allow for better compaction.

E. *Impacted Soil*

1. *Describe how it was determined what extent to excavate the soil:*

   Soils shifted during the removal of the USTs were screened with an organic vapor analyzer (OVA) and observed for visual staining and odors. Indications of soil impacts were noted beneath UST-2, particularly along the western portion of the tank. Due to the depth of the excavation, a ramp and bench was constructed and the sidewall sloped to allow for additional excavation of impacted soil. Impacted soils, primarily from beneath UST-2 were excavated to a depth of approximately 20 ft. This was determined to be the maximum safe working depth and reach of the trackhoe. The soils were screened with an OVA and soils exhibiting an odor and elevated OVA readings were loaded directly into trucks for off-site disposal. Upon reaching the depth of 20 ft, the base and sidewalls were screened and no significant OVA readings were noted along the sidewall. Soil exhibiting field indications of impact were noted at the base of the excavation, however further excavation was not possible given the access constraints and the safety considerations.

2. *Describe method of temporary storage, sampling and treatment/disposal of soil:*

Soil was loaded directly onto a dump truck for offsite transport and disposal. Some soil was temporarily stockpiled on plastic awaiting trucks, however, it was only stockpiled for a few hours.

III. Site Investigation

A. *Provide information of field screening and observations, include methods used to calibrate field screening instrument(s):*

During the UST removal activities, soils obtained during removal of the tank were screened in the field for orgainic vapors with an OVA utilizing a photoionization detector (PID). The PID was calibrated prior to its use against an isobutylene standard.

Field screening results of samples collected after tank removal indicated potential impacts, particularly beneath UST-2. The soil samples from beneath UST-1 did not exhibit an odor and did not register elevated PID readings. However the soils beneath UST-2 exhibited a degraded fuel odor and registered up to approximately 600 ppm on the PID.

B. *Describe soil sampling points and sampling procedures used:*

After removal of the USTs, UST closure samples were collected beneath the USTs as access would allow. Because of the limitations in the reach of the backhoe, the presence of stockpiled soil and fill around the excavation, and limitations in of access to the entire perimeter of the excavation, the number of closure samples was limited. Two closure samples were collected from beneath UST-1 but only one closure sample could be collected from beneath UST-2 after removal of the UST. It should be noted that field observations indicated the fill beneath UST-2 was impacted. These soil samples were collected at an approximate depth of 13 ft bgs. The approximate locations of the soil samples are indicated on Figure 3.

The UST closure samples were analyzed for gasoline-range and diesel-range TPH by EPA Methods 3550/5030/8015M using EPA Method 5035 preparation. Soil samples were collected from the approximate center of the trackhoe bucket.

Additional excavation occurred to remove impacted soils in the vicinity of UST-2. Upon completion of the excavation, confirmation samples were collected from each sidewall and from the base of the excavation. Confirmation samples were analyzed for risk-based parameters including VOCs using EPA Method 8260B using EPA Method 5035 preparation, Semi-VOCs using EPA Method 8270 and EPH and VPH using the Massachusetts methods.

C. *Quality control measures:*

Soil samples were analyzed by Pace Analytical Services Inc., a North Carolina certified laboratory. Laboratory-supplied sample bottles were used for sample collection. A chain-of-custody record was completed for samples collected and included sample description, date collected, time collected, matrix, sample container information, and analyses required. The chain-of-custody was signed by H&H prior to placement in an iced cooler for hand delivery to the laboratory.

Disposable sample gloves were changed between each sampling location and clean sample containers were used to collect the samples. Sampling equipment was decontaminated between sampling locations.

D. *Investigation Results:*

The results of the soil sample analyses are summarized in Table 1 and Table 2. The laboratory data sheets and the chain-of-custody records are included in Appendix E.

Two UST closure samples were collected beneath UST-1 and did not contain detectable concentrations of TPH-GRO or TPH-DRO. One closure sample was collected beneath UST-1 and contained 31 mg/kg of TPH-DRO and TPH-GRO was not detected. Higher concentrations were expected in the sample based solely on field indicators, however it is suspected that the release at this site is very old and the residual petroleum is highly degraded.

Upon excavation of 110.34 tons of soil, confirmation soil samples were collected from the sidewalls and base of the excavated area and analyzed for risk-based parameters. No analytes were detected above soil-to-ground water MSCCs in the risk-based samples. Therefore, no further action is recommended.

E. *Ground Water Sampling*

Ground water was not encountered during excavation activities and no ground water samples were collected during excavation activities.

IV. Conclusions

Include probable sources of contamination, further investigation or remediation tasks, or whether no further action is required.

Two 12,000-gallon orphan USTs were removed from the site on July 28, 2005. A visual inspection of the USTs indicated they were in good shape with minor rusting noted.

Two UST closure samples were collected beneath UST-1 and did not contain detectable concentrations of TPH-GRO or TPH-DRO. One closure sample was collected beneath UST-1 and contained 31 mg/kg of TPH-DRO and TPH-GRO was not detected.

Upon excavation of 110.34 tons of impacted soil, confirmation soil samples were collected and analyzed for risk-based parameters. No analytes were detected above soil-to-ground water MSCCs in the risk-based samples. Therefore, no further action is recommended.

V. Signature and Seal of Professional Engineer or Licensed Geologist

Michael S. Crouch PE, PG
Project Manager

VI. Enclosures

A. Figures

1. Site Location Map
2. Orphan UST Locations
3. Soil Sample Locations

B. Table 1 Summary of Soil Analytical Results – Closure Sampling
Table 2 Summary of Soil Analytical Results – Confirmation Sampling

C. Appendices

Appendix A: Site Investigation Report for Permanent Closure or Change-in-Service (GW/UST-2)
Appendix B: Certificate of Disposal – Residual Liquids
Appendix C: Tank Disposal Certificate
Appendix D: Certificate of Acceptance and Manifest - Soil
Appendix E: Laboratory Data Sheets and Chain-of-Custody Records

Table 1
Summary of Soil Analytical Results - Closure Sampling
600 West Trade Street USTs
Charlotte, North Carolina
H&H Job No. ROW-131

Sample ID	T1C (CENTER)	T1(North)	T2C (South)	NC Action Level
Location	UST 1		UST 2	
Date Collected Depth (ft)	7/28/2005 12'	7/28/2005 12'	7/28/2005 12'	
TPH				
Gasoline Range Organics (GRO)	<4.7	<6.2	<5.3	10
Diesel Range Organics (DRO)	<5.8	<6.4	**31**	10

Notes:

All Results in milligrams per kilogram (mg/kg)
TPH = Total Petroleum Hydrocarbons

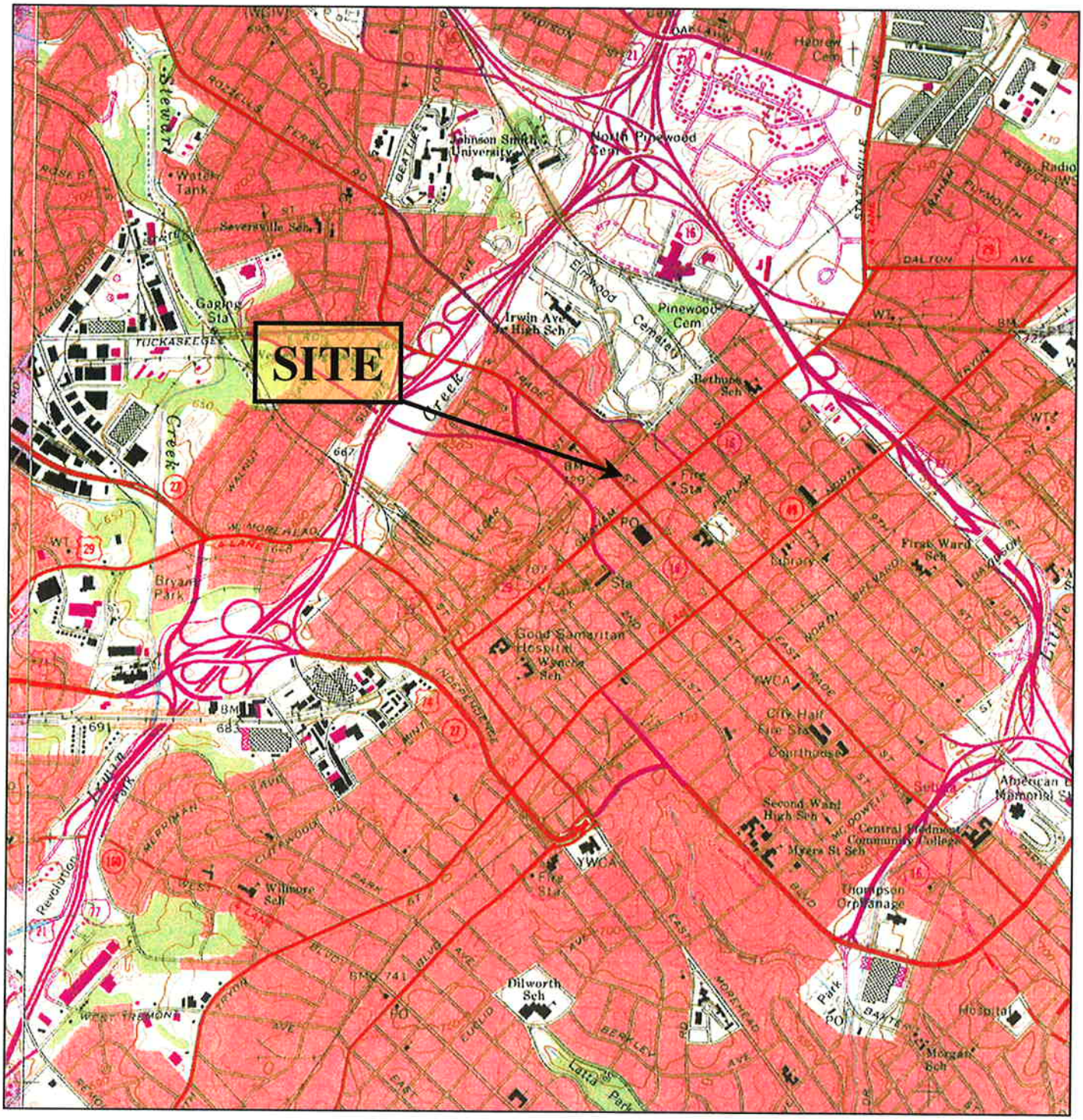
File: Wilkes Table,Closure

Table 2
Summary of Soil Analytical Results - Confirmation Sampling
600 West Trade Street USTs
Charlotte, North Carolina
H&H Job No. ROW-131

Sample ID	SW (East)	SW (South)	SW (North)	SW (West)	Base (20)	NC Target Levels		
Location	East Wall	South Wall	North Wall	West Wall	Base	Commercial MSCC	Residential MSCC	Soil to GW MSCC
Date Collected	7/29/2005	7/29/2005	7/29/2005	7/29/2005	7/29/2005			
Depth (ft)	13'	13'	13'	13'	20			
VPH/EPH								
VPH C5-C8 Aliphatics	<12	<11	<11	<10	<9.3	24,528	939	72
VPH C9-C12 Aliphatics	<12	<11	<11	<10	<9.3	NS	NS	NS
EPH C9-C18 Aliphatics	<13	<12	<12	<11	<11	NS	NS	NS
Total C9-C18 Aliphatics	ND	ND	ND	ND	ND	245,280	9,386	3,255
EPH C19-C36 Aliphatics	<13	<12	<12	<11	<11	>100%	93,860	Immobile
VPH C9-C10 Aromatics	<12	<11	<11	<10	<9.3	NS	NS	NS
EPH C11-C22 Aromatics	<13	<12	<12	<11	<11	NS	NS	NS
Total C9-C22 Aromatics	ND	ND	ND	ND	ND	12,264	469	34
VOCs (8260)								
MIBK	<0.051	<0.048	<0.048	<0.049	0.230	NS	NS	NS
SVOCs (8270)	BDL	BDL	BDL	BDL	BDL	NS	NS	NS

Notes:
Only detected constituents indicated.
All Results in milligrams per kilogram (mg/kg)
EPA Method number follows parameter in parenthesis; Bold indicates concentration exceeds action level/target level
UST = Underground Storage Tank; VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds
TPH = Total Petroleum Hydrocarbons; NA = Not Analyzed; ND = Not Detected; NS = Not Specified
Volatile Petroleum Hydrocarbons and Extractable Hydrocarbons not analyzed per direction from NC DENR.

File: Wilkes Table,Confirmation



APPROXIMATE

0 2000 4000

SCALE IN FEET

U.S.G.S. QUADRANGLE MAP

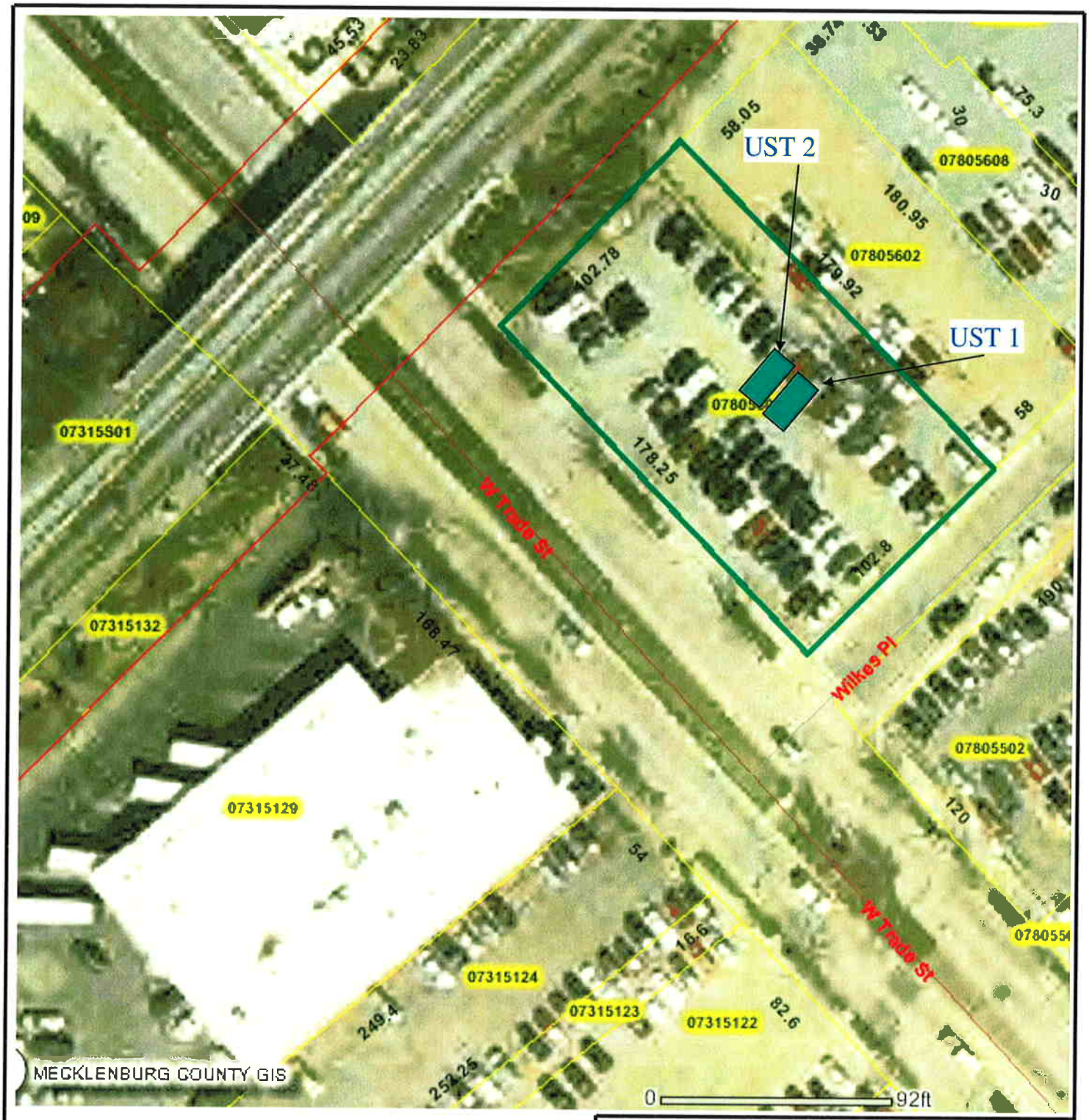
CHARLOTTE EAST, NC 1967
REVISED/INSPECTED 1988

QUADRANGLE
7.5 MINUTE SERIES (TOPOGRAPHIC)

TITLE	SITE LOCATION MAP
PROJECT	600 WEST TRADE ST ORPHAN USTS CHARLOTTE, NORTH CAROLINA

Hart & Hickman
A PROFESSIONAL CORPORATION
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007 (p) 704-586-0373 (f)

DATE:	8-22-05	REVISION NO:	0
JOB NO:	ROW-131	FIGURE NO:	1



N

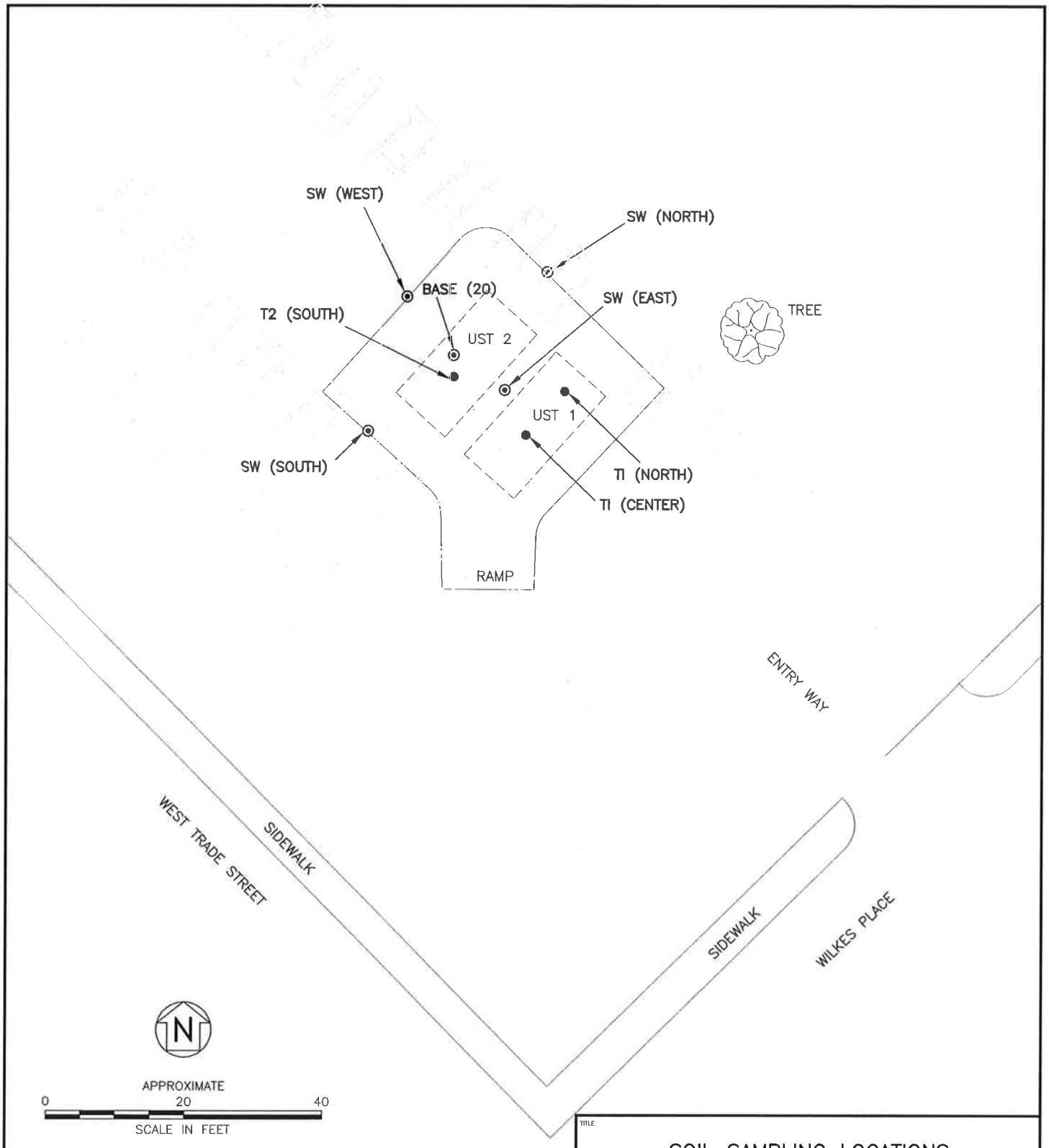
NC DOT Parcel 14

SEE FIGURE 3 FOR DETAIL OF UST 1 AND 2 AREA

TITLE	ORPHAN UST LOCATIONS
PROJECT	630 WEST TRADE ST ORPHAN USTS CHARLOTTE, NORTH CAROLINA

Hart & Hickman
A PROFESSIONAL CORPORATION
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007 (p) 704-586-0373 (f)

DATE:	8-22-05	REVISION NO:	0
JOB NO:	ROW-131	FIGURE NO:	2



LEGEND

- ● CLOSURE SAMPLE
- ⊙ CONFIRMATION SAMPLE

TITLE

SOIL SAMPLING LOCATIONS

PROJECT

600 WEST TRADE ST. ORPHAN USTs

Hart & Hickman
A PROFESSIONAL CORPORATION
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

DATE: DATE	REVISION NO. REV
JOB NO: ROW-131	FIGURE NO. FIG. 3

Appendix A

Site Investigation Report for Permanent Closure or Change-in-Service (GW/UST-2)

UST-2 Site Investigation Report for Permanent Closure or Change-in-Service of UST

FOR TANKS IN NC

Return completed form to:
The DWM Regional office in the area the facility is located. SEE MAP ON THE BACK OF THIS FORM FOR REGIONAL OFFICE ADDRESSES. Return the yellow copy to the Central Office in Raleigh so that the status of the tank may be changed to "PERMANENTLY CLOSED".

STATE USE ONLY:
I.D. #_____
Date Received_____

I. OWNERSHIP OF TANKS

Orphan USTs on NC DOT property
Owner Name (Corporation, Individual, Public Agency, or Other Entity)
1589 Mail Service Center
Street Address
Raleigh — Wake
City — County
NC — 27699
State — Zip Code
919 — 250-4088 — Attn: Cyrus Parker
Area Code — Phone Number

II. LOCATION OF TANKS

Orphan USTs on NC DOT property (West Parking)
Facility Name or Company
NA
Facility ID # (If known)
630 West Trade St.
Street Address
Charlotte — Mecklenburg — NA
City — County — Zip Code
Area Code — Phone Number

III. CONTACT PERSONNEL

Name	Cyrus Parker	Job Title	Project Manager	Tel. No.	919-250-4088
Closure Contractor	SSI	Address	1705 Vorgrave St. Winston-Salem, NC	Tel. No.	336-725-5844
Primary Consultant	Hart & Hickman	Address	2923 S. Tryon St Charlotte NC 28203	Tel. No.	704-586-0007
Lab	Pace Analytical	Address	9800 Kincey Ave Huntersville, NC 28078	Tel. No.	704-875-9092

IV. UST INFORMATION / V. EXCAVATION CONDITION

Tank No.	Size in Gallons	Tank Dimensions	Last Contents	Water in excavation Yes	Water in excavation No	Free product Yes	Free product No	Notable odor or visible soil contamination Yes	Notable odor or visible soil contamination No
2	12,000	18'x10'	heating oil?		X		X	X	
1	12,000	18'x10'	heating oil?		X		X	X	X

VI. ADDITIONAL INFORMATION

See reverse side of pink copy (owner's copy) for additional information required by NC DWM in the written report and sketch.

NOTE: If a release from the tank(s) has occurred, the site assessment portion of the tank closure must be conducted under the supervision of a P.E. or L.G., with all closure site assessment reports bearing the signature and seal of the P.E. or L.G.

VII. CHECKLIST (CHECK THE ACTIVITIES COMPLETED)

PERMANENT CLOSURE (For Removal or Abandonment-in-Place)

- ☑ Contact local fire marshal
- ☑ Notify DWM Regional Office before abandonment
- ☑ Drain and flush piping into tank
- ☑ Remove all product and residuals from tank
- ☑ Excavate down to tank
- ☑ Clean and inspect tank
- ☑ Remove drop tube, fill pipe, gauge pipe, vapor recovery tank connections, submersible pumps, and all other tank fixtures
- ☑ Cap or plug all lines except the vent and fill lines
- ☐ Purge the tank of all product and flammable vapors
- ☑ Cut one or more large holes in the tank
- ☑ Backfill the area

Date tank(s) Permanently Closed: 7-28-05

Date of Change in-service: 7-28-05

ABANDONMENT IN PLACE

- ☐ Fill tank until material overflows tank opening
- ☐ Plug or cap all openings
- ☐ Disconnect and cap or remove vent line
- ☐ Solid inert material used –specify_____

REMOVAL

- ☑ Create vent hole
- ☑ Label tank
- ☑ Dispose of tank in approved manner. Final tank destination:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true accurate and complete

Print name and official title of owner or owner's authorized representative	Signature	Date Signed
Michael S. Crouch, Project Manager as agent for DOT		8-22-05

Appendix B

Certificate of Disposal – Residual Liquids

SOIL SOLUTIONS

CERTIFICATE OF DISPOSAL

Soil Solutions, Inc. does hereby certify that 530 gallons of non-hazardous contaminated water received on 07/28/2005 from:

Generator: NC DOT

Originating at: 600 West Trade Street
Charlotte, NC

SSI Waste ID #: 060557

has been disposed of by Soil Solutions, Inc. in a manner approved by the North Carolina Department of Environment and Natural Resources.

Thomas W. Hammett

Signature

Thomas W. Hammett
Vice President
Soil Solutions, Inc.

1703 Vargrave Street Winston-Salem, NC 27107
(336) 725-5844 FAX (336) 725-6244

Appendix C

Tank Disposal Certificate

SOIL SOLUTIONS

TANKS DISPOSAL CERTIFICATE

Tank Owner: NC DOT

Site Address: 600 West Trade Street
Charlotte, NC

Description of Tanks:

Tank Number	Size of Tank	Contents
1	12,000 Gallons	#2 Fuel Oil
2	12,000 Gallons	#2 Fuel Oil

Transporter: Coastal Carolina Recycling

SSI Project #: 060557

Disposal Certification:

Soil Solutions, Inc. does hereby certify that the above named storage tanks were transported to Coastal Carolina Recycling for proper disposal. Excess residue will be disposed of by Noble Oil Company in Sanford, NC. Scrap steel from the tanks will be recycled at Nucor Steel Corporation in Sanford, NC.

Thomas W. Hammett

Signature

Thomas W. Hammett
Vice President
Soil Solutions, Inc.

1703 Vargrave Street Winston-Salem, NC 27107
(336) 725-5844 FAX (336) 725-6244

Appendix D

Certificate of Acceptance and Manifest - Soil

SOIL SOLUTIONS

CERTIFICATE OF DISPOSAL

Soil Solutions, Inc. does hereby certify that 110.34 tons of non-hazardous contaminated material received on 07/28/2005, 07/29/2005 and 08/01/2005 from:

Generator: NC DOT

Originating at: 600 West Trade Street
Charlotte, NC

SSI Waste ID #: 060557

has been disposed of by Soil Solutions, Inc. in a manner approved by the North Carolina Department of Environment and Natural Resources.

Thomas W. Hammett

Signature

Thomas W. Hammett
Vice President
Soil Solutions, Inc.

1703 Vargrave Street Winston-Salem, NC 27107
(336) 725-5844 FAX (336) 725-6244

Environmental Soils Inc.
PO Box 295 • Lattimore, NC 28089
Phone 704-434-0075 • Fax 704-434-9533

Non-Hazardous Waste Manifest #17455

Date 6/28/05 Load Number _____
(numbered sequentially as trucks are dispatched)

ENVIRONMENTAL CONSULTANT: _____

Contact: _____ Phone: _____ Fax: _____

GENERATOR: Soil Solutions - NC DOT

Address: 1703 Vargrave St, Winton Salem County: _____

Contact: Tony Disher. Phone: _____

WASTE ORIGINATION POINT: Complete Address: 4th & Trade St Charlotte, NC

Class & Type of Contaminate in soil _____

SOURCE OF CONTAMINATION: (ex. UST or other source) _____

GENERATORS CERTIFICATION OF WASTE CONSTITUENTS: In lieu of submitting analytical data (methods 8240 and 8270) verifying that the waste in question does not contain organic constituents other than those which would normally appear in analysis of virgin petroleum product residue, I am submitting this Certificate of Waste Constituents. I certify that I am familiar with the source of contamination of the soil and further certify the source, to the best of my knowledge, contains no contaminants other than that listed above.

Generators Signature: _____ Date: _____

TRANSPORTER: Kerns

Contact: Dew Kennedy Phone: _____

As the carrier, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured, and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Carrier Signature: Black Bird Date: 7/28/05

TRUCK #: 1C-61 TAG #: _____ VOLUME: 52780 (5.4) 21905 (15.4) 30880

TRUCK DRIVER SIGNATURE: Black Bird DATE: 7/28/05

DESTINATION: Environmental Soils Inc. 910 Crowder Rd, Shelby, NC 28150 Dedicated Land Application Site Permit #SR0300038

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the Sate of North Carolina.

Facility Signature: EST - Ray Towery Date: 7/28/05

Signature: William Brown Date: 7/28/05

Company Name _____ Title: _____

ENVIRONMENTAL SOILS, INC.
P.O. BOX 295
LATTIMORE, N.C. 28086-0489
704/434-0075
(704) 434-9533 FAX

Job Name: _____

Truck# K 61

52780 lb G 07-28-05 02:21

Gross Wgt.: _____

Tare Wgt: 21900

Net Wgt.: _____

Tons: _____

Weighed by: VP

Environmental Soils Inc.
PO Box 295 • Lattimore, NC 28089
Phone 704-434-0075 • Fax 704-434-9533

Non-Hazardous Waste Manifest #17459

Date 7/29/05 Load Number _____
(numbered sequentially as trucks are dispatched)

ENVIRONMENTAL CONSULTANT: _____

Contact: _____ Phone: _____ Fax: _____

GENERATOR: Soil Solutions - NC DOT

Address: 1703 Vargraves St, Winston-Salem NC County: _____

Contact: Tony Disher Phone: _____

WASTE ORIGINATION POINT: Complete Address: 4th & Trade St Charlotte, NC

Class & Type of Contaminate in soil _____

SOURCE OF CONTAMINATION: (ex. UST or other source) _____

GENERATORS CERTIFICATION OF WASTE CONSTITUENTS: In lieu of submitting analytical data (methods 8240 and 8270) verifying that the waste in question does not contain organic constituents other than those which would normally appear in analysis of virgin petroleum product residue, I am submitting this Certificate of Waste Constituents. I certify that I am familiar with the source of contamination of the soil and further certify the source, to the best of my knowledge, contains no contaminants other than that listed above.

Generators Signature: _____ Date: _____

TRANSPORTER: Soil Solutions -

Contact: Tony Disher Phone: _____

As the carrier, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured, and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Carrier Signature: Shannon Mercer Date: 7/29/05

TRUCK #: SS101 TAG #: _____ VOLUME: 56100 24900 32100 -16.05

TRUCK DRIVER SIGNATURE: Shannon Mercer DATE: 7/29/05

DESTINATION: Environmental Soils Inc. 910 Crowder Rd, Shelby, NC 28150 Dedicated Land Application Site Permit #SR0300038

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the Sate of North Carolina.

Facility Signature: ESI - Ray Towery Date: 7/29/05

Signature: William Brown Date: 7/29/05

Company Name _____ Title: _____

ENVIRONMENTAL SOILS, INC.
P.O. BOX 295
LATTIMORE, N.C. 28086-0489
704/434-0075
(704) 434-9533 FAX

Job Name: NC D.O.T

Truck# 55101

Gross Wgt.: 02:57 PM 07/29/05
56100 LB GR

Tare Wgt: 24000

Net Wgt.: ~~16.05~~ 32100

Tons: 16.05

Weighed by: WB

Environmental Soils Inc.
PO Box 295 • Lattimore, NC 28089
Phone 704-434-0075 • Fax 704-434-9533

Non-Hazardous Waste Manifest #17457

Date 7/29/05 Load Number _____
(numbered sequentially as trucks are dispatched)

ENVIRONMENTAL CONSULTANT: _____

Contact: _____ Phone: _____ Fax: _____

GENERATOR: Soil Solutions - NC DOT

Address: 1703 Vargrave St, Winston Salem County: _____

Contact: Tony Disher Phone: _____

WASTE ORIGINATION POINT: Complete Address: 4th & Trade St
Charlotte, NC

Class & Type of Contaminate in soil _____

SOURCE OF CONTAMINATION: (ex. UST or other source) _____

GENERATORS CERTIFICATION OF WASTE CONSTITUENTS: ***In lieu of submitting analytical data (methods 8240 and 8270) verifying that the waste in question does not contain organic constituents other than those which would normally appear in analysis of virgin petroleum product residue, I am submitting this Certificate of Waste Constituents. I certify that I am familiar with the source of contamination of the soil and further certify the source, to the best of my knowledge, contains no contaminants other than that listed above.***

Generators Signature: _____ Date: _____

TRANSPORTER: Kerns

Contact: Drew Phone: 704-739-4747

As the carrier, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured, and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Carrier Signature: BlackBird Date: 7/29/05

55300
31800
33400 -16.70

TRUCK #: K-61 TAG #: _____ VOLUME: 33400 -16.70

TRUCK DRIVER SIGNATURE: BlackBird DATE: 7/29/05

DESTINATION: Environmental Soils Inc. 910 Crowder Rd, Shelby, NC 28150 Dedicated Land Application Site Permit #SR0300038

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the Sate of North Carolina.

Facility Signature: EST- Ray Dowery Date: 7/29/05

Signature: William Brown Date: 7/29/05

Company Name _____ Title: _____

ENVIRONMENTAL SOILS, INC.
P.O. BOX 295
LATTIMORE, N.C. 28086-0489
704/434-0075
(704) 434-9533 FAX

Job Name: Keras

Truck# # 61

Gross Wgt.: 01:28 PM 07/29/05
55300 LB GR

Tare Wgt: 21900

Net Wgt.:

Tons:

Weighed by: VB

Environmental Soils Inc.
PO Box 295 • Lattimore, NC 28089
Phone 704-434-0075 • Fax 704-434-9533

Non-Hazardous Waste Manifest #17460

Date 6/29/05 Load Number _____
(numbered sequentially as trucks are dispatched)

ENVIRONMENTAL CONSULTANT: _____

Contact: _____ Phone. _____ Fax: _____

GENERATOR: Soil Solution - NC DOT

Address: 1703 Vargraves St, Winston-Salem, NC County: _____

Contact: Tony Dasher Phone: _____

WASTE ORIGINATION POINT: Complete Address: 4th & Trade St
Charlotte, NC

Class & Type of Contaminate in soil _____

SOURCE OF CONTAMINATION: (ex. UST or other source) _____

GENERATORS CERTIFICATION OF WASTE CONSTITUENTS: In lieu of submitting analytical data (methods 8240 and 8270) verifying that the waste in question does not contain organic constituents other than those which would normally appear in analysis of virgin petroleum product residue, I am submitting this Certificate of Waste-Constituents. I certify that I am familiar with the source of contamination of the soil and further certify the source, to the best of my knowledge, contains no contaminants other than that listed above.

Generators Signature: _____ Date: _____

TRANSPORTER: Kerns

Contact: Dew Phone: _____

As the carrier, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured, and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Carrier Signature: Ray Bowen Date: 7/29/05

TRUCK #: K-49 TAG #: _____ VOLUME: 42180 - 21.09
66820
24640

TRUCK DRIVER SIGNATURE: Ray Bowen DATE: 7/29/05

DESTINATION: Environmental Soils Inc. 910 Crowder Rd, Shelby, NC 28150 Dedicated Land Application Site Permit #SR0300038

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the Sate of North Carolina.

Facility Signature: ESI - Ray Towery Date: 7/29/05

Signature: William Brown Date: 7/29/05

Company Name _____ Title: _____

ENVIRONMENTAL SOILS, INC.
P.O. BOX 295
LATTIMORE, N.C. 28086-0489
704/434-0075
(704) 434-9533 FAX

Job Name: _____

Truck# 49

Gross Wgt.: 01:26 PM 07/29/05
66820 LB GR

Tare Wgt: 24640

Net Wgt.: _____

Tons: _____

Weighed by: VB

Environmental Soils Inc.

PO Box 295 • Lattimore, NC 28089
Phone 704-434-0075 • Fax 704-434-9533

Non-Hazardous Waste Manifest #17461

Date 8/1/05 Load Number

(numbered sequentially as trucks are dispatched)

ENVIRONMENTAL CONSULTANT:

Contact: Phone: Fax:

GENERATOR: SiteSol.

Address: County: Meck

Contact: Phone:

WASTE ORIGINATION POINT: Complete Address: 4th & Trade DoT.

Class & Type of Contaminate in soil

SOURCE OF CONTAMINATION: (ex. UST or other source)

GENERATORS CERTIFICATION OF WASTE CONSTITUENTS: In lieu of submitting analytical data (methods 8240 and 8270) verifying that the waste in question does not contain organic constituents other than those which would normally appear in analysis of virgin petroleum product residue, I am submitting this Certificate of Waste Constituents. I certify that I am familiar with the source of contamination of the soil and further certify the source, to the best of my knowledge, contains no contaminants other than that listed above.

Generators Signature: Date:

TRANSPORTER: Kern

Contact: Phone:

As the carrier, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured, and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Carrier Signature: [signature] Date: 8/1/05

TRUCK #: K49 TAG #: VOLUME: 67020 24640 ~~42380~~ 21.19 edb

TRUCK DRIVER SIGNATURE: [signature] DATE: 8/1/05

DESTINATION: Environmental Soils Inc. 910 Crowder Rd, Shelby, NC 28150 Dedicated Land Application Site Permit #SR0300038

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the Sate of North Carolina.

Facility Signature: Ray Dowery Date: 8/1/05

Signature: Ray Dowery Date: 8/1/05

Company Name ESI Title:

ENVIRONMENTAL SOILS, INC.
P.O. BOX 295
LATTIMORE, N.C. 28086-0489
704/434-0075
(704) 434-9533 FAX

Job Name: Soil Sale

Truck# K 49 07:54 AM 08/01/05 67020 LB GR

Gross Wgt.: 67020

Tare Wgt: 24640

Net Wgt.:

Tons:

Weighed by: Ray Dowery

Environmental Soils Inc.

PO Box 295 • Lattimore, NC 28089
Phone 704-434-0075 • Fax 704-434-9533

Non-Hazardous Waste Manifest #17462

Date 8/1/05 Load Number _____
(numbered sequentially as trucks are dispatched)

ENVIRONMENTAL CONSULTANT: ~~Soil Sol.~~

Contact: _____ Phone: _____ Fax: _____

GENERATOR: Soil Sol.

Address: _____ County: _____

Contact: _____ Phone: _____

WASTE ORIGINATION POINT: Complete Address: 4th & Trakas

Class & Type of Contaminate in soil _____

SOURCE OF CONTAMINATION: (ex. UST or other source) _____

GENERATORS CERTIFICATION OF WASTE CONSTITUENTS: In lieu of submitting analytical data (methods 8240 and 8270) verifying that the waste in question does not contain organic constituents other than those which would normally appear in analysis of virgin petroleum product residue, I am submitting this Certificate of Waste Constituents. I certify that I am familiar with the source of contamination of the soil and further certify the source, to the best of my knowledge, contains no contaminants other than that listed above.

Generators Signature: _____ Date: 8/1/05

TRANSPORTER: Kerr

Contact: _____ Phone: _____

As the carrier, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured, and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Carrier Signature: _____ Date: 8/1/05

TRUCK #: K61 TAG #: _____ VOLUME: 61540 39,74 21800 19.87

TRUCK DRIVER SIGNATURE: _____ DATE: 8/1/05

DESTINATION: Environmental Soils Inc. 910 Crowder Rd, Shelby, NC 28150 Dedicated Land Application Site Permit #SR0300038

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the Sate of North Carolina.

Facility Signature: Ray Dowery Date: 8/1/05

Signature: Ray Dowery Date: 8/1/05

Company Name ESL Title: _____

8-1-05

ENVIRONMENTAL SOILS, INC.
P.O. BOX 295
LATTIMORE, N.C. 28086-0489
704/434-0075
(704) 434-9533 FAX

Job Name: SS. — 4th & Graham

Truck# K61

Gross Wgt.: 03:44 PM 08/01/05 41540 LB GR

Tare Wgt: 21800

Net Wgt.:

Tons:

Weighed by: RM

Appendix E

Laboratory Data Sheets and Chain-of-Custody Records

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

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

August 11, 2005

Mr. Mike Crouch
Hart & Hickman
2923 SOUTH TRYON ST STE 100
Charlotte, NC 28203

RE: Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Dear Mr. Crouch:

Enclosed are the analytical results for sample(s) received by the laboratory on July 29, 2005. 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.

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

Sincerely,

Annette Scott

Annette Scott
Annette.Scott@pacelabs.com
Project Manager

Enclosures

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

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Solid results are reported on a dry weight basis

Lab Sample No: 925924136 **Project Sample Number: 9299878-001** **Date Collected: 07/28/05 18:00**
Client Sample ID: T1C(CENTER) **Matrix: Soil** **Date Received: 07/29/05 15:45**

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Wet Chemistry									
Percent Moisture	Method: % Moisture								
Percent Moisture	13.7	%		1.0	08/01/05 09:56	KBM			
GC Semivolatiles									
TPH in Soil by 3545/8015	Prep/Method: EPA 3545 / EPA 8015								
Diesel Fuel	ND	mg/kg	5.8	1.2	08/10/05 22:41	KBS	68334-30-5		
n-Pentacosane (S)	76	%		1.0	08/10/05 22:41	KBS	629-99-2		
Date Extracted	08/10/05				08/10/05				
GC Volatiles									
GAS, Soil, North Carolina	Method: EPA 8015								
Gasoline	ND	mg/kg	4.7	0.9	08/04/05 00:52	DHW			
4-Bromofluorobenzene (S)	127	%		1.0	08/04/05 00:52	DHW	460-00-4		

Pace Analytical™
www.pacelabs.com

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

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925924144 Project Sample Number: 9299878-002 Date Collected: 07/28/05 18:10
Client Sample ID: T2C(SOUTH) Matrix: Soil Date Received: 07/29/05 15:45

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Wet Chemistry									
Percent Moisture	Method: % Moisture								
Percent Moisture	15.2	%		1.0	08/01/05 09:57	KBM			
GC Semivolatiles									
TPH in Soil by 3545/8015	Prep/Method: EPA 3545 / EPA 8015								
Diesel Fuel	31.	mg/kg	5.9	1.2	08/10/05 23:11	KBS	68334-30-5		
n-Pentacosane (S)	82	%		1.0	08/10/05 23:11	KBS	629-99-2		
Date Extracted	08/10/05				08/10/05				
GC Volatiles									
GAS, Soil, North Carolina	Method: EPA 8015								
Gasoline	ND	mg/kg	5.3	1.1	08/04/05 01:22	DHW			
4-Bromofluorobenzene (S)	97	%		1.0	08/04/05 01:22	DHW	460-00-4		

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Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925924151 Project Sample Number: 9299878-003 Date Collected: 07/29/05 10:35
Client Sample ID: T1C(NORTH) Matrix: Soil Date Received: 07/29/05 15:45

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Wet Chemistry									
Percent Moisture	Method: % Moisture								
Percent Moisture	21.7	%		1.0	08/01/05 09:57	KBM			
GC Semivolatiles									
TPH in Soil by 3545/8015	Prep/Method: EPA 3545 / EPA 8015								
Diesel Fuel	ND	mg/kg	6.4	1.3	08/10/05 23:41	KBS	68334-30-5		
n-Pentacosane (S)	72	%		1.0	08/10/05 23:41	KBS	629-99-2		
Date Extracted	08/10/05				08/10/05				
GC Volatiles									
GAS, Soil, North Carolina	Method: EPA 8015								
Gasoline	ND	mg/kg	6.2	1.2	08/04/05 01:52	DHW			
4-Bromofluorobenzene (S)	110	%		1.0	08/04/05 01:52	DHW	460-00-4		

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Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925924169 Project Sample Number: 9299878-004 Date Collected: 07/29/05 13:50
Client Sample ID: BASE(20') Matrix: Soil Date Received: 07/29/05 15:45

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Wet Chemistry									
Percent Moisture	Method: % Moisture								
Percent Moisture	11.5	%		1.0	08/01/05 09:58	KBM			
GC/MS Semivolatiles									
Semivolatile Organics	Prep/Method: EPA 3545 / EPA 8270								
Acenaphthene	ND	ug/kg	370	1.1	08/08/05 18:50	BET	83-32-9		
Acenaphthylene	ND	ug/kg	370	1.1	08/08/05 18:50	BET	208-96-8		
Anthracene	ND	ug/kg	370	1.1	08/08/05 18:50	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	370	1.1	08/08/05 18:50	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	370	1.1	08/08/05 18:50	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	370	1.1	08/08/05 18:50	BET	56-55-3		
Benzoic acid	ND	ug/kg	1900	1.1	08/08/05 18:50	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	370	1.1	08/08/05 18:50	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	750	1.1	08/08/05 18:50	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	370	1.1	08/08/05 18:50	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	370	1.1	08/08/05 18:50	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	370	1.1	08/08/05 18:50	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	750	1.1	08/08/05 18:50	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	750	1.1	08/08/05 18:50	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	370	1.1	08/08/05 18:50	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	370	1.1	08/08/05 18:50	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	370	1.1	08/08/05 18:50	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	370	1.1	08/08/05 18:50	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	370	1.1	08/08/05 18:50	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	370	1.1	08/08/05 18:50	BET	7005-72-3		
Chrysene	ND	ug/kg	370	1.1	08/08/05 18:50	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	370	1.1	08/08/05 18:50	BET	53-70-3		
Dibenzofuran	ND	ug/kg	370	1.1	08/08/05 18:50	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	370	1.1	08/08/05 18:50	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	370	1.1	08/08/05 18:50	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	370	1.1	08/08/05 18:50	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	750	1.1	08/08/05 18:50	BET	91-94-1		
2,4-Dichlorophenol	ND	ug/kg	370	1.1	08/08/05 18:50	BET	120-83-2		
Diethylphthalate	ND	ug/kg	370	1.1	08/08/05 18:50	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	370	1.1	08/08/05 18:50	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	370	1.1	08/08/05 18:50	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	370	1.1	08/08/05 18:50	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	370	1.1	08/08/05 18:50	BET	534-52-1		

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www.pacelabs.com

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9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Phone: 704.875.9092
Fax: 704.875.9091

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804
Phone: 828.254.7176
Fax: 828.252.4618

Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925924169 Project Sample Number: 9299878-004 Date Collected: 07/29/05 13:50
Client Sample ID: BASE(20') Matrix: Soil Date Received: 07/29/05 15:45

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
2,4-Dinitrophenol	ND	ug/kg	1900	1.1	08/08/05 18:50	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	370	1.1	08/08/05 18:50	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	370	1.1	08/08/05 18:50	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	370	1.1	08/08/05 18:50	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	370	1.1	08/08/05 18:50	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	370	1.1	08/08/05 18:50	BET	117-81-7		
Fluoranthene	ND	ug/kg	370	1.1	08/08/05 18:50	BET	206-44-0		
Fluorene	ND	ug/kg	370	1.1	08/08/05 18:50	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	370	1.1	08/08/05 18:50	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	370	1.1	08/08/05 18:50	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	370	1.1	08/08/05 18:50	BET	77-47-4		
Hexachloroethane	ND	ug/kg	370	1.1	08/08/05 18:50	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	370	1.1	08/08/05 18:50	BET	193-39-5		
Isophorone	ND	ug/kg	370	1.1	08/08/05 18:50	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	370	1.1	08/08/05 18:50	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	370	1.1	08/08/05 18:50	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	370	1.1	08/08/05 18:50	BET			
Naphthalene	ND	ug/kg	370	1.1	08/08/05 18:50	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	1900	1.1	08/08/05 18:50	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	1900	1.1	08/08/05 18:50	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	1900	1.1	08/08/05 18:50	BET	100-01-6		
Nitrobenzene	ND	ug/kg	370	1.1	08/08/05 18:50	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	370	1.1	08/08/05 18:50	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	1900	1.1	08/08/05 18:50	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	370	1.1	08/08/05 18:50	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	370	1.1	08/08/05 18:50	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	1900	1.1	08/08/05 18:50	BET	87-86-5		
Phenanthrene	ND	ug/kg	370	1.1	08/08/05 18:50	BET	85-01-8		
Phenol	ND	ug/kg	370	1.1	08/08/05 18:50	BET	108-95-2		
Pyrene	ND	ug/kg	370	1.1	08/08/05 18:50	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	370	1.1	08/08/05 18:50	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	370	1.1	08/08/05 18:50	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	370	1.1	08/08/05 18:50	BET	88-06-2		
Nitrobenzene-d5 (S)	46	%		1.0	08/08/05 18:50	BET	4165-60-0		
2-Fluorobiphenyl (S)	52	%		1.0	08/08/05 18:50	BET	321-60-8		
Terphenyl-d14 (S)	67	%		1.0	08/08/05 18:50	BET	1718-51-0		
Phenol-d5 (S)	46	%		1.0	08/08/05 18:50	BET	4165-62-2		
2-Fluorophenol (S)	45	%		1.0	08/08/05 18:50	BET	367-12-4		
2,4,6-Tribromophenol (S)	64	%		1.0	08/08/05 18:50	BET	118-79-6		

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Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925924169 Project Sample Number: 9299878-004 Date Collected: 07/29/05 13:50
Client Sample ID: BASE(20') Matrix: Soil Date Received: 07/29/05 15:45

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Date Extracted	08/04/05				08/04/05				
GC Semivolatiles									
EPH in Soil by Mass. Method	Prep/Method: EPA 3550 / EPH								
Aliphatic (C09-C18)	ND	mg/kg	11.	1.1	08/10/05 01:55	KBS			
Aliphatic (C19-C36)	ND	mg/kg	11.	1.1	08/10/05 01:55	KBS			
Aromatic (C11-22)	ND	mg/kg	11.	1.1	08/10/05 01:55	KBS			
2-Fluorobiphenyl (S)	102	%		1.0	08/10/05 01:55	KBS	321-60-8		
2-Bromonaphthalene (S)	98	%		1.0	08/10/05 01:55	KBS	580-13-2		
Nonatriacontane (S)	76	%		1.0	08/10/05 01:55	KBS	7194-86-7		
o-Terphenyl (S)	83	%		1.0	08/10/05 01:55	KBS	84-15-1		
Date Extracted	08/02/05				08/02/05				
GC Volatiles									
VPH in Soil by Mass. Method	Method: VPH								
Aliphatic (C05-C08)	ND	mg/kg	9.3	0.9	08/02/05 18:02	DHW			
Aliphatic (C09-C12)	ND	mg/kg	9.3	0.9	08/02/05 18:02	DHW			
Aromatic (C09-C10)	ND	mg/kg	9.3	0.9	08/02/05 18:02	DHW			
2,5-Dibromotoluene (FID)(S)	70	%		1.0	08/02/05 18:02	DHW			
2,5-Dibromotoluene (PID)(S)	84	%		1.0	08/02/05 18:02	DHW			
GC/MS Volatiles									
GC/MS VOCs 5035/8260 low level	Method: EPA 8260								
Acetone	ND	ug/kg	80.	0.8	08/11/05 00:40	DLK	67-64-1		
Benzene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	71-43-2		
Bromobenzene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	75-27-4		
Bromoform	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	75-25-2		
Bromomethane	ND	ug/kg	8.0	0.8	08/11/05 00:40	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	80.	0.8	08/11/05 00:40	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	108-90-7		
Chloroethane	ND	ug/kg	8.0	0.8	08/11/05 00:40	DLK	75-00-3		
Chloroform	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	67-66-3		
Chloromethane	ND	ug/kg	8.0	0.8	08/11/05 00:40	DLK	74-87-3		

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Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925924169 Project Sample Number: 9299878-004 Date Collected: 07/29/05 13:50
Client Sample ID: BASE(20') Matrix: Soil Date Received: 07/29/05 15:45

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
2-Chlorotoluene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	106-93-4		
Dibromomethane	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	8.0	0.8	08/11/05 00:40	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	87-68-3		
2-Hexanone	ND	ug/kg	40.	0.8	08/11/05 00:40	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	99-87-6		
Methylene chloride	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	230	ug/kg	40.	0.8	08/11/05 00:40	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	1634-04-4		
Naphthalene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	103-65-1		
Styrene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	127-18-4		
Toluene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	120-82-1		

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Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925924169 **Project Sample Number: 9299878-004** **Date Collected: 07/29/05 13:50**
Client Sample ID: BASE(20') **Matrix: Soil** **Date Received: 07/29/05 15:45**

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
1,1,1-Trichloroethane	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	79-00-5		
Trichloroethene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	40.	0.8	08/11/05 00:40	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	8.0	0.8	08/11/05 00:40	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	8.0	0.8	08/11/05 00:40	DLK			
o-Xylene	ND	ug/kg	4.0	0.8	08/11/05 00:40	DLK	95-47-6		
Toluene-d8 (S)	108	%		1.0	08/11/05 00:40	DLK	2037-26-5		
4-Bromofluorobenzene (S)	87	%		1.0	08/11/05 00:40	DLK	460-00-4		
Dibromofluoromethane (S)	96	%		1.0	08/11/05 00:40	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	96	%		1.0	08/11/05 00:40	DLK	17060-07-0		

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Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925924177 Project Sample Number: 9299878-005 Date Collected: 07/29/05 14:00
Client Sample ID: SW(NORTH) Matrix: Soil Date Received: 07/29/05 15:45

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Wet Chemistry									
Percent Moisture	Method: % Moisture								
Percent Moisture	17.9	%		1.0	08/01/05 09:58	KBM			
GC/MS Semivolatiles									
Semivolatile Organics	Prep/Method: EPA 3545 / EPA 8270								
Acenaphthene	ND	ug/kg	400	1.2	08/08/05 19:25	BET	83-32-9		
Acenaphthylene	ND	ug/kg	400	1.2	08/08/05 19:25	BET	208-96-8		
Anthracene	ND	ug/kg	400	1.2	08/08/05 19:25	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	400	1.2	08/08/05 19:25	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	400	1.2	08/08/05 19:25	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	400	1.2	08/08/05 19:25	BET	56-55-3		
Benzoic acid	ND	ug/kg	2000	1.2	08/08/05 19:25	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	400	1.2	08/08/05 19:25	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	800	1.2	08/08/05 19:25	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	400	1.2	08/08/05 19:25	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	400	1.2	08/08/05 19:25	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	400	1.2	08/08/05 19:25	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	800	1.2	08/08/05 19:25	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	800	1.2	08/08/05 19:25	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	400	1.2	08/08/05 19:25	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	400	1.2	08/08/05 19:25	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	400	1.2	08/08/05 19:25	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	400	1.2	08/08/05 19:25	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	400	1.2	08/08/05 19:25	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	400	1.2	08/08/05 19:25	BET	7005-72-3		
Chrysene	ND	ug/kg	400	1.2	08/08/05 19:25	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	400	1.2	08/08/05 19:25	BET	53-70-3		
Dibenzofuran	ND	ug/kg	400	1.2	08/08/05 19:25	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	400	1.2	08/08/05 19:25	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	400	1.2	08/08/05 19:25	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	400	1.2	08/08/05 19:25	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	800	1.2	08/08/05 19:25	BET	91-94-1		
2,4-Dichlorophenol	ND	ug/kg	400	1.2	08/08/05 19:25	BET	120-83-2		
Diethylphthalate	ND	ug/kg	400	1.2	08/08/05 19:25	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	400	1.2	08/08/05 19:25	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	400	1.2	08/08/05 19:25	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	400	1.2	08/08/05 19:25	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	400	1.2	08/08/05 19:25	BET	534-52-1		

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Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925924177 Project Sample Number: 9299878-005 Date Collected: 07/29/05 14:00
Client Sample ID: SW(NORTH) Matrix: Soil Date Received: 07/29/05 15:45

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
2,4-Dinitrophenol	ND	ug/kg	2000	1.2	08/08/05 19:25	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	400	1.2	08/08/05 19:25	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	400	1.2	08/08/05 19:25	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	400	1.2	08/08/05 19:25	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	400	1.2	08/08/05 19:25	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	400	1.2	08/08/05 19:25	BET	117-81-7		
Fluoranthene	ND	ug/kg	400	1.2	08/08/05 19:25	BET	206-44-0		
Fluorene	ND	ug/kg	400	1.2	08/08/05 19:25	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	400	1.2	08/08/05 19:25	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	400	1.2	08/08/05 19:25	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	400	1.2	08/08/05 19:25	BET	77-47-4		
Hexachloroethane	ND	ug/kg	400	1.2	08/08/05 19:25	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	400	1.2	08/08/05 19:25	BET	193-39-5		
Isophorone	ND	ug/kg	400	1.2	08/08/05 19:25	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	400	1.2	08/08/05 19:25	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	400	1.2	08/08/05 19:25	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	400	1.2	08/08/05 19:25	BET			
Naphthalene	ND	ug/kg	400	1.2	08/08/05 19:25	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	2000	1.2	08/08/05 19:25	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	2000	1.2	08/08/05 19:25	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	2000	1.2	08/08/05 19:25	BET	100-01-6		
Nitrobenzene	ND	ug/kg	400	1.2	08/08/05 19:25	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	400	1.2	08/08/05 19:25	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	2000	1.2	08/08/05 19:25	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	400	1.2	08/08/05 19:25	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	400	1.2	08/08/05 19:25	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	2000	1.2	08/08/05 19:25	BET	87-86-5		
Phenanthrene	ND	ug/kg	400	1.2	08/08/05 19:25	BET	85-01-8		
Phenol	ND	ug/kg	400	1.2	08/08/05 19:25	BET	108-95-2		
Pyrene	ND	ug/kg	400	1.2	08/08/05 19:25	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	400	1.2	08/08/05 19:25	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	400	1.2	08/08/05 19:25	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	400	1.2	08/08/05 19:25	BET	88-06-2		
Nitrobenzene-d5 (S)	37	%		1.0	08/08/05 19:25	BET	4165-60-0		
2-Fluorobiphenyl (S)	41	%		1.0	08/08/05 19:25	BET	321-60-8		
Terphenyl-d14 (S)	66	%		1.0	08/08/05 19:25	BET	1718-51-0		
Phenol-d5 (S)	38	%		1.0	08/08/05 19:25	BET	4165-62-2	1	
2-Fluorophenol (S)	35	%		1.0	08/08/05 19:25	BET	367-12-4		
2,4,6-Tribromophenol (S)	59	%		1.0	08/08/05 19:25	BET	118-79-6		

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Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925924177 Project Sample Number: 9299878-005 Date Collected: 07/29/05 14:00
Client Sample ID: SW(NORTH) Matrix: Soil Date Received: 07/29/05 15:45

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Date Extracted	08/04/05				08/04/05				
GC Semivolatiles									
EPH in Soil by Mass. Method	Prep/Method: EPA 3550 / EPH								
Aliphatic (C09-C18)	ND	mg/kg	12.	1.2	08/10/05 02:38	KBS			
Aliphatic (C19-C36)	ND	mg/kg	12.	1.2	08/10/05 02:38	KBS			
Aromatic (C11-22)	ND	mg/kg	12.	1.2	08/10/05 02:38	KBS			
2-Fluorobiphenyl (S)	87	%		1.0	08/10/05 02:38	KBS	321-60-8		
2-Bromonaphthalene (S)	85	%		1.0	08/10/05 02:38	KBS	580-13-2		
Nonatriacontane (S)	62	%		1.0	08/10/05 02:38	KBS	7194-86-7		
o-Terphenyl (S)	66	%		1.0	08/10/05 02:38	KBS	84-15-1		
Date Extracted	08/02/05				08/02/05				
GC Volatiles									
VPH in Soil by Mass. Method	Method: VPH								
Aliphatic (C05-C08)	ND	mg/kg	11.	1.1	08/02/05 18:46	DHW			
Aliphatic (C09-C12)	ND	mg/kg	11.	1.1	08/02/05 18:46	DHW			
Aromatic (C09-C10)	ND	mg/kg	11.	1.1	08/02/05 18:46	DHW			
2,5-Dibromotoluene (FID)(S)	71	%		1.0	08/02/05 18:46	DHW			
2,5-Dibromotoluene (PID)(S)	83	%		1.0	08/02/05 18:46	DHW			
GC/MS Volatiles									
GC/MS VOCs 5035/8260 low level	Method: EPA 8260								
Acetone	ND	ug/kg	96.	1.0	08/10/05 00:30	DLK	67-64-1		
Benzene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	71-43-2		
Bromobenzene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	75-27-4		
Bromoform	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	75-25-2		
Bromomethane	ND	ug/kg	9.6	1.0	08/10/05 00:30	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	96.	1.0	08/10/05 00:30	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	108-90-7		
Chloroethane	ND	ug/kg	9.6	1.0	08/10/05 00:30	DLK	75-00-3		
Chloroform	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	67-66-3		
Chloromethane	ND	ug/kg	9.6	1.0	08/10/05 00:30	DLK	74-87-3		

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Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925924177 Project Sample Number: 9299878-005 Date Collected: 07/29/05 14:00
Client Sample ID: SW(NORTH) Matrix: Soil Date Received: 07/29/05 15:45

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
2-Chlorotoluene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	106-93-4		
Dibromomethane	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	9.6	1.0	08/10/05 00:30	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	87-68-3		
2-Hexanone	ND	ug/kg	48.	1.0	08/10/05 00:30	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	99-87-6		
Methylene chloride	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	48.	1.0	08/10/05 00:30	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	1634-04-4		
Naphthalene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	103-65-1		
Styrene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	127-18-4		
Toluene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	120-82-1		

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Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925924177 **Project Sample Number: 9299878-005** **Date Collected: 07/29/05 14:00**
Client Sample ID: SW(NORTH) **Matrix: Soil** **Date Received: 07/29/05 15:45**

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
1,1,1-Trichloroethane	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	79-00-5		
Trichloroethene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	48.	1.0	08/10/05 00:30	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	9.6	1.0	08/10/05 00:30	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	9.6	1.0	08/10/05 00:30	DLK			
o-Xylene	ND	ug/kg	4.8	1.0	08/10/05 00:30	DLK	95-47-6		
Toluene-d8 (S)	98	%		1.0	08/10/05 00:30	DLK	2037-26-5		
4-Bromofluorobenzene (S)	93	%		1.0	08/10/05 00:30	DLK	460-00-4		
Dibromofluoromethane (S)	101	%		1.0	08/10/05 00:30	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	102	%		1.0	08/10/05 00:30	DLK	17060-07-0		

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Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925924185 Project Sample Number: 9299878-006 Date Collected: 07/29/05 14:10
Client Sample ID: SW(EAST) Matrix: Soil Date Received: 07/29/05 15:45

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Wet Chemistry									
Percent Moisture	Method: % Moisture								
Percent Moisture	22.0	%		1.0	08/01/05 09:58	KBM			
GC/MS Semivolatiles									
Semivolatile Organics	Prep/Method: EPA 3545 / EPA 8270								
Acenaphthene	ND	ug/kg	420	1.3	08/08/05 20:00	BET	83-32-9		
Acenaphthylene	ND	ug/kg	420	1.3	08/08/05 20:00	BET	208-96-8		
Anthracene	ND	ug/kg	420	1.3	08/08/05 20:00	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	420	1.3	08/08/05 20:00	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	420	1.3	08/08/05 20:00	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	420	1.3	08/08/05 20:00	BET	56-55-3		
Benzoic acid	ND	ug/kg	2100	1.3	08/08/05 20:00	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	420	1.3	08/08/05 20:00	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	850	1.3	08/08/05 20:00	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	420	1.3	08/08/05 20:00	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	420	1.3	08/08/05 20:00	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	420	1.3	08/08/05 20:00	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	850	1.3	08/08/05 20:00	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	850	1.3	08/08/05 20:00	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	420	1.3	08/08/05 20:00	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	420	1.3	08/08/05 20:00	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	420	1.3	08/08/05 20:00	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	420	1.3	08/08/05 20:00	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	420	1.3	08/08/05 20:00	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	420	1.3	08/08/05 20:00	BET	7005-72-3		
Chrysene	ND	ug/kg	420	1.3	08/08/05 20:00	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	420	1.3	08/08/05 20:00	BET	53-70-3		
Dibenzofuran	ND	ug/kg	420	1.3	08/08/05 20:00	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	420	1.3	08/08/05 20:00	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	420	1.3	08/08/05 20:00	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	420	1.3	08/08/05 20:00	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	850	1.3	08/08/05 20:00	BET	91-94-1		
2,4-Dichlorophenol	ND	ug/kg	420	1.3	08/08/05 20:00	BET	120-83-2		
Diethylphthalate	ND	ug/kg	420	1.3	08/08/05 20:00	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	420	1.3	08/08/05 20:00	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	420	1.3	08/08/05 20:00	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	420	1.3	08/08/05 20:00	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	420	1.3	08/08/05 20:00	BET	534-52-1		

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Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925924185 Project Sample Number: 9299878-006 Date Collected: 07/29/05 14:10
Client Sample ID: SW(EAST) Matrix: Soil Date Received: 07/29/05 15:45

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
2,4-Dinitrophenol	ND	ug/kg	2100	1.3	08/08/05 20:00	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	420	1.3	08/08/05 20:00	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	420	1.3	08/08/05 20:00	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	420	1.3	08/08/05 20:00	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	420	1.3	08/08/05 20:00	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	420	1.3	08/08/05 20:00	BET	117-81-7		
Fluoranthene	ND	ug/kg	420	1.3	08/08/05 20:00	BET	206-44-0		
Fluorene	ND	ug/kg	420	1.3	08/08/05 20:00	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	420	1.3	08/08/05 20:00	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	420	1.3	08/08/05 20:00	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	420	1.3	08/08/05 20:00	BET	77-47-4		
Hexachloroethane	ND	ug/kg	420	1.3	08/08/05 20:00	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	420	1.3	08/08/05 20:00	BET	193-39-5		
Isophorone	ND	ug/kg	420	1.3	08/08/05 20:00	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	420	1.3	08/08/05 20:00	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	420	1.3	08/08/05 20:00	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	420	1.3	08/08/05 20:00	BET			
Naphthalene	ND	ug/kg	420	1.3	08/08/05 20:00	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	2100	1.3	08/08/05 20:00	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	2100	1.3	08/08/05 20:00	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	2100	1.3	08/08/05 20:00	BET	100-01-6		
Nitrobenzene	ND	ug/kg	420	1.3	08/08/05 20:00	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	420	1.3	08/08/05 20:00	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	2100	1.3	08/08/05 20:00	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	420	1.3	08/08/05 20:00	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	420	1.3	08/08/05 20:00	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	2100	1.3	08/08/05 20:00	BET	87-86-5		
Phenanthrene	ND	ug/kg	420	1.3	08/08/05 20:00	BET	85-01-8		
Phenol	ND	ug/kg	420	1.3	08/08/05 20:00	BET	108-95-2		
Pyrene	ND	ug/kg	420	1.3	08/08/05 20:00	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	420	1.3	08/08/05 20:00	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	420	1.3	08/08/05 20:00	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	420	1.3	08/08/05 20:00	BET	88-06-2		
Nitrobenzene-d5 (S)	48	%		1.0	08/08/05 20:00	BET	4165-60-0		
2-Fluorobiphenyl (S)	53	%		1.0	08/08/05 20:00	BET	321-60-8		
Terphenyl-d14 (S)	68	%		1.0	08/08/05 20:00	BET	1718-51-0		
Phenol-d5 (S)	50	%		1.0	08/08/05 20:00	BET	4165-62-2		
2-Fluorophenol (S)	46	%		1.0	08/08/05 20:00	BET	367-12-4		
2,4,6-Tribromophenol (S)	62	%		1.0	08/08/05 20:00	BET	118-79-6		

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Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925924185 Project Sample Number: 9299878-006 Date Collected: 07/29/05 14:10
Client Sample ID: SW(EAST) Matrix: Soil Date Received: 07/29/05 15:45

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Date Extracted	08/04/05				08/04/05				
GC Semivolatiles									
EPH in Soil by Mass. Method	Prep/Method: EPA 3550 / EPH								
Aliphatic (C09-C18)	ND	mg/kg	13.	1.3	08/10/05 03:20	KBS			
Aliphatic (C19-C36)	ND	mg/kg	13.	1.3	08/10/05 03:20	KBS			
Aromatic (C11-22)	ND	mg/kg	13.	1.3	08/10/05 03:20	KBS			
2-Fluorobiphenyl (S)	103	%		1.0	08/10/05 03:20	KBS	321-60-8		
2-Bromonaphthalene (S)	98	%		1.0	08/10/05 03:20	KBS	580-13-2		
Nonatriacontane (S)	63	%		1.0	08/10/05 03:20	KBS	7194-86-7		
o-Terphenyl (S)	73	%		1.0	08/10/05 03:20	KBS	84-15-1		
Date Extracted	08/02/05				08/02/05				
GC Volatiles									
VPH in Soil by Mass. Method	Method: VPH								
Aliphatic (C05-C08)	ND	mg/kg	12.	1.2	08/02/05 19:29	DHW			
Aliphatic (C09-C12)	ND	mg/kg	12.	1.2	08/02/05 19:29	DHW			
Aromatic (C09-C10)	ND	mg/kg	12.	1.2	08/02/05 19:29	DHW			
2,5-Dibromotoluene (FID)(S)	71	%		1.0	08/02/05 19:29	DHW			
2,5-Dibromotoluene (PID)(S)	86	%		1.0	08/02/05 19:29	DHW			
GC/MS Volatiles									
GC/MS VOCs 5035/8260 low level	Method: EPA 8260								
Acetone	ND	ug/kg	100	1.0	08/10/05 00:50	DLK	67-64-1		
Benzene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	71-43-2		
Bromobenzene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	75-27-4		
Bromoform	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	75-25-2		
Bromomethane	ND	ug/kg	10.	1.0	08/10/05 00:50	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	100	1.0	08/10/05 00:50	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	108-90-7		
Chloroethane	ND	ug/kg	10.	1.0	08/10/05 00:50	DLK	75-00-3		
Chloroform	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	67-66-3		
Chloromethane	ND	ug/kg	10.	1.0	08/10/05 00:50	DLK	74-87-3		

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Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925924185 Project Sample Number: 9299878-006 Date Collected: 07/29/05 14:10
Client Sample ID: SW(EAST) Matrix: Soil Date Received: 07/29/05 15:45

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
2-Chlorotoluene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	106-93-4		
Dibromomethane	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	10.	1.0	08/10/05 00:50	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	87-68-3		
2-Hexanone	ND	ug/kg	51.	1.0	08/10/05 00:50	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	99-87-6		
Methylene chloride	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	51.	1.0	08/10/05 00:50	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	103-65-1		
Styrene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	127-18-4		
Toluene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	120-82-1		

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Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925924185 **Project Sample Number: 9299878-006** **Date Collected: 07/29/05 14:10**
Client Sample ID: SW(EAST) **Matrix: Soil** **Date Received: 07/29/05 15:45**

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
1,1,1-Trichloroethane	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	51.	1.0	08/10/05 00:50	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	10.	1.0	08/10/05 00:50	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	10.	1.0	08/10/05 00:50	DLK			
o-Xylene	ND	ug/kg	5.1	1.0	08/10/05 00:50	DLK	95-47-6		
Toluene-d8 (S)	97	%		1.0	08/10/05 00:50	DLK	2037-26-5		
4-Bromofluorobenzene (S)	95	%		1.0	08/10/05 00:50	DLK	460-00-4		
Dibromofluoromethane (S)	104	%		1.0	08/10/05 00:50	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	105	%		1.0	08/10/05 00:50	DLK	17060-07-0		

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Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925924193 Project Sample Number: 9299878-007 Date Collected: 07/29/05 14:20
Client Sample ID: SW(SOUTH) Matrix: Soil Date Received: 07/29/05 15:45

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Wet Chemistry									
Percent Moisture	Method: % Moisture								
Percent Moisture	15.8	%		1.0	08/01/05 09:59	KBM			
GC/MS Semivolatiles									
Semivolatile Organics	Prep/Method: EPA 3545 / EPA 8270								
Acenaphthene	ND	ug/kg	390	1.2	08/08/05 20:35	BET	83-32-9		
Acenaphthylene	ND	ug/kg	390	1.2	08/08/05 20:35	BET	208-96-8		
Anthracene	ND	ug/kg	390	1.2	08/08/05 20:35	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	390	1.2	08/08/05 20:35	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	390	1.2	08/08/05 20:35	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	390	1.2	08/08/05 20:35	BET	56-55-3		
Benzoic acid	ND	ug/kg	2000	1.2	08/08/05 20:35	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	390	1.2	08/08/05 20:35	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	780	1.2	08/08/05 20:35	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	390	1.2	08/08/05 20:35	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	390	1.2	08/08/05 20:35	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	390	1.2	08/08/05 20:35	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	780	1.2	08/08/05 20:35	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	780	1.2	08/08/05 20:35	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	390	1.2	08/08/05 20:35	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	390	1.2	08/08/05 20:35	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	390	1.2	08/08/05 20:35	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	390	1.2	08/08/05 20:35	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	390	1.2	08/08/05 20:35	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	390	1.2	08/08/05 20:35	BET	7005-72-3		
Chrysene	ND	ug/kg	390	1.2	08/08/05 20:35	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	390	1.2	08/08/05 20:35	BET	53-70-3		
Dibenzofuran	ND	ug/kg	390	1.2	08/08/05 20:35	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	390	1.2	08/08/05 20:35	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	390	1.2	08/08/05 20:35	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	390	1.2	08/08/05 20:35	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	780	1.2	08/08/05 20:35	BET	91-94-1		
2,4-Dichlorophenol	ND	ug/kg	390	1.2	08/08/05 20:35	BET	120-83-2		
Diethylphthalate	ND	ug/kg	390	1.2	08/08/05 20:35	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	390	1.2	08/08/05 20:35	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	390	1.2	08/08/05 20:35	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	390	1.2	08/08/05 20:35	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	390	1.2	08/08/05 20:35	BET	534-52-1		

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Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925924193 Project Sample Number: 9299878-007 Date Collected: 07/29/05 14:20
Client Sample ID: SW(SOUTH) Matrix: Soil Date Received: 07/29/05 15:45

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
2,4-Dinitrophenol	ND	ug/kg	2000	1.2	08/08/05 20:35	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	390	1.2	08/08/05 20:35	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	390	1.2	08/08/05 20:35	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	390	1.2	08/08/05 20:35	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	390	1.2	08/08/05 20:35	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	390	1.2	08/08/05 20:35	BET	117-81-7		
Fluoranthene	ND	ug/kg	390	1.2	08/08/05 20:35	BET	206-44-0		
Fluorene	ND	ug/kg	390	1.2	08/08/05 20:35	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	390	1.2	08/08/05 20:35	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	390	1.2	08/08/05 20:35	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	390	1.2	08/08/05 20:35	BET	77-47-4		
Hexachloroethane	ND	ug/kg	390	1.2	08/08/05 20:35	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	390	1.2	08/08/05 20:35	BET	193-39-5		
Isophorone	ND	ug/kg	390	1.2	08/08/05 20:35	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	390	1.2	08/08/05 20:35	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	390	1.2	08/08/05 20:35	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	390	1.2	08/08/05 20:35	BET			
Naphthalene	ND	ug/kg	390	1.2	08/08/05 20:35	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	2000	1.2	08/08/05 20:35	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	2000	1.2	08/08/05 20:35	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	2000	1.2	08/08/05 20:35	BET	100-01-6		
Nitrobenzene	ND	ug/kg	390	1.2	08/08/05 20:35	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	390	1.2	08/08/05 20:35	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	2000	1.2	08/08/05 20:35	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	390	1.2	08/08/05 20:35	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	390	1.2	08/08/05 20:35	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	2000	1.2	08/08/05 20:35	BET	87-86-5		
Phenanthrene	ND	ug/kg	390	1.2	08/08/05 20:35	BET	85-01-8		
Phenol	ND	ug/kg	390	1.2	08/08/05 20:35	BET	108-95-2		
Pyrene	ND	ug/kg	390	1.2	08/08/05 20:35	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	390	1.2	08/08/05 20:35	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	390	1.2	08/08/05 20:35	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	390	1.2	08/08/05 20:35	BET	88-06-2		
Nitrobenzene-d5 (S)	56	%		1.0	08/08/05 20:35	BET	4165-60-0		
2-Fluorobiphenyl (S)	57	%		1.0	08/08/05 20:35	BET	321-60-8		
Terphenyl-d14 (S)	69	%		1.0	08/08/05 20:35	BET	1718-51-0		
Phenol-d5 (S)	51	%		1.0	08/08/05 20:35	BET	4165-62-2		
2-Fluorophenol (S)	44	%		1.0	08/08/05 20:35	BET	367-12-4		
2,4,6-Tribromophenol (S)	55	%		1.0	08/08/05 20:35	BET	118-79-6		

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Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925924193 Project Sample Number: 9299878-007 Date Collected: 07/29/05 14:20
Client Sample ID: SW(SOUTH) Matrix: Soil Date Received: 07/29/05 15:45

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Date Extracted	08/04/05				08/04/05				
GC Semivolatiles									
EPH in Soil by Mass. Method	Prep/Method: EPA 3550 / EPH								
Aliphatic (C09-C18)	ND	mg/kg	12.	1.2	08/10/05 04:03	KBS			
Aliphatic (C19-C36)	ND	mg/kg	12.	1.2	08/10/05 04:03	KBS			
Aromatic (C11-22)	ND	mg/kg	12.	1.2	08/10/05 04:03	KBS			
2-Fluorobiphenyl (S)	91	%		1.0	08/10/05 04:03	KBS	321-60-8		
2-Bromonaphthalene (S)	83	%		1.0	08/10/05 04:03	KBS	580-13-2		
Nonatriacontane (S)	62	%		1.0	08/10/05 04:03	KBS	7194-86-7		
o-Terphenyl (S)	63	%		1.0	08/10/05 04:03	KBS	84-15-1		
Date Extracted	08/02/05				08/02/05				
GC Volatiles									
VPH in Soil by Mass. Method	Method: VPH								
Aliphatic (C05-C08)	ND	mg/kg	11.	1.1	08/03/05 19:22	DHW			
Aliphatic (C09-C12)	ND	mg/kg	11.	1.1	08/03/05 19:22	DHW			
Aromatic (C09-C10)	ND	mg/kg	11.	1.1	08/03/05 19:22	DHW			
2,5-Dibromotoluene (FID)(S)	109	%		1.0	08/03/05 19:22	DHW			
2,5-Dibromotoluene (PID)(S)	93	%		1.0	08/03/05 19:22	DHW			
GC/MS Volatiles									
GC/MS VOCs 5035/8260 low level	Method: EPA 8260								
Acetone	ND	ug/kg	95.	1.0	08/10/05 22:00	DLK	67-64-1		
Benzene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	71-43-2		
Bromobenzene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	75-27-4		
Bromoform	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	75-25-2		
Bromomethane	ND	ug/kg	9.5	1.0	08/10/05 22:00	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	95.	1.0	08/10/05 22:00	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	108-90-7		
Chloroethane	ND	ug/kg	9.5	1.0	08/10/05 22:00	DLK	75-00-3		
Chloroform	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	67-66-3		
Chloromethane	ND	ug/kg	9.5	1.0	08/10/05 22:00	DLK	74-87-3		

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Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925924193 Project Sample Number: 9299878-007 Date Collected: 07/29/05 14:20
Client Sample ID: SW(SOUTH) Matrix: Soil Date Received: 07/29/05 15:45

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
2-Chlorotoluene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	106-93-4		
Dibromomethane	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	9.5	1.0	08/10/05 22:00	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	87-68-3		
2-Hexanone	ND	ug/kg	48.	1.0	08/10/05 22:00	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	99-87-6		
Methylene chloride	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	48.	1.0	08/10/05 22:00	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	1634-04-4		
Naphthalene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	103-65-1		
Styrene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	127-18-4		
Toluene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	120-82-1		

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Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925924193 **Project Sample Number: 9299878-007** **Date Collected: 07/29/05 14:20**
Client Sample ID: SW(SOUTH) **Matrix: Soil** **Date Received: 07/29/05 15:45**

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
1,1,1-Trichloroethane	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	79-00-5		
Trichloroethene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	48.	1.0	08/10/05 22:00	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	9.5	1.0	08/10/05 22:00	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	9.5	1.0	08/10/05 22:00	DLK			
o-Xylene	ND	ug/kg	4.8	1.0	08/10/05 22:00	DLK	95-47-6		
Toluene-d8 (S)	100	%		1.0	08/10/05 22:00	DLK	2037-26-5		
4-Bromofluorobenzene (S)	99	%		1.0	08/10/05 22:00	DLK	460-00-4		
Dibromofluoromethane (S)	102	%		1.0	08/10/05 22:00	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	98	%		1.0	08/10/05 22:00	DLK	17060-07-0		

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Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925924201 Project Sample Number: 9299878-008 Date Collected: 07/29/05 14:30
Client Sample ID: SW(WEST) Matrix: Soil Date Received: 07/29/05 15:45

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Wet Chemistry									
Percent Moisture	Method: % Moisture								
Percent Moisture	12.7	%		1.0	08/01/05 10:00	KBM			
GC/MS Semivolatiles									
Semivolatile Organics	Prep/Method: EPA 3545 / EPA 8270								
Acenaphthene	ND	ug/kg	380	1.1	08/08/05 21:10	BET	83-32-9		
Acenaphthylene	ND	ug/kg	380	1.1	08/08/05 21:10	BET	208-96-8		
Anthracene	ND	ug/kg	380	1.1	08/08/05 21:10	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	380	1.1	08/08/05 21:10	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	380	1.1	08/08/05 21:10	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	380	1.1	08/08/05 21:10	BET	56-55-3		
Benzoic acid	ND	ug/kg	1900	1.1	08/08/05 21:10	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	380	1.1	08/08/05 21:10	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	760	1.1	08/08/05 21:10	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	380	1.1	08/08/05 21:10	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	380	1.1	08/08/05 21:10	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	380	1.1	08/08/05 21:10	BET	85-68-7		
4-Chloro-3-methylphenol	ND	ug/kg	760	1.1	08/08/05 21:10	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	760	1.1	08/08/05 21:10	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	380	1.1	08/08/05 21:10	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	380	1.1	08/08/05 21:10	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	380	1.1	08/08/05 21:10	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	380	1.1	08/08/05 21:10	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	380	1.1	08/08/05 21:10	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	380	1.1	08/08/05 21:10	BET	7005-72-3		
Chrysene	ND	ug/kg	380	1.1	08/08/05 21:10	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	380	1.1	08/08/05 21:10	BET	53-70-3		
Dibenzofuran	ND	ug/kg	380	1.1	08/08/05 21:10	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	380	1.1	08/08/05 21:10	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	380	1.1	08/08/05 21:10	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	380	1.1	08/08/05 21:10	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	760	1.1	08/08/05 21:10	BET	91-94-1		
2,4-Dichlorophenol	ND	ug/kg	380	1.1	08/08/05 21:10	BET	120-83-2		
Diethylphthalate	ND	ug/kg	380	1.1	08/08/05 21:10	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	380	1.1	08/08/05 21:10	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	380	1.1	08/08/05 21:10	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	380	1.1	08/08/05 21:10	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	380	1.1	08/08/05 21:10	BET	534-52-1		

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Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925924201 Project Sample Number: 9299878-008 Date Collected: 07/29/05 14:30
Client Sample ID: SW(WEST) Matrix: Soil Date Received: 07/29/05 15:45

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
2,4-Dinitrophenol	ND	ug/kg	1900	1.1	08/08/05 21:10	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	380	1.1	08/08/05 21:10	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	380	1.1	08/08/05 21:10	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	380	1.1	08/08/05 21:10	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	380	1.1	08/08/05 21:10	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	380	1.1	08/08/05 21:10	BET	117-81-7		
Fluoranthene	ND	ug/kg	380	1.1	08/08/05 21:10	BET	206-44-0		
Fluorene	ND	ug/kg	380	1.1	08/08/05 21:10	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	380	1.1	08/08/05 21:10	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	380	1.1	08/08/05 21:10	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	380	1.1	08/08/05 21:10	BET	77-47-4		
Hexachloroethane	ND	ug/kg	380	1.1	08/08/05 21:10	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	380	1.1	08/08/05 21:10	BET	193-39-5		
Isophorone	ND	ug/kg	380	1.1	08/08/05 21:10	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	380	1.1	08/08/05 21:10	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	380	1.1	08/08/05 21:10	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	380	1.1	08/08/05 21:10	BET			
Naphthalene	ND	ug/kg	380	1.1	08/08/05 21:10	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	1900	1.1	08/08/05 21:10	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	1900	1.1	08/08/05 21:10	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	1900	1.1	08/08/05 21:10	BET	100-01-6		
Nitrobenzene	ND	ug/kg	380	1.1	08/08/05 21:10	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	380	1.1	08/08/05 21:10	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	1900	1.1	08/08/05 21:10	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	380	1.1	08/08/05 21:10	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	380	1.1	08/08/05 21:10	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	1900	1.1	08/08/05 21:10	BET	87-86-5		
Phenanthrene	ND	ug/kg	380	1.1	08/08/05 21:10	BET	85-01-8		
Phenol	ND	ug/kg	380	1.1	08/08/05 21:10	BET	108-95-2		
Pyrene	ND	ug/kg	380	1.1	08/08/05 21:10	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	380	1.1	08/08/05 21:10	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	380	1.1	08/08/05 21:10	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	380	1.1	08/08/05 21:10	BET	88-06-2		
Nitrobenzene-d5 (S)	54	%		1.0	08/08/05 21:10	BET	4165-60-0		
2-Fluorobiphenyl (S)	54	%		1.0	08/08/05 21:10	BET	321-60-8		
Terphenyl-d14 (S)	69	%		1.0	08/08/05 21:10	BET	1718-51-0		
Phenol-d5 (S)	50	%		1.0	08/08/05 21:10	BET	4165-62-2		
2-Fluorophenol (S)	47	%		1.0	08/08/05 21:10	BET	367-12-4		
2,4,6-Tribromophenol (S)	63	%		1.0	08/08/05 21:10	BET	118-79-6		

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Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925924201 Project Sample Number: 9299878-008 Date Collected: 07/29/05 14:30
Client Sample ID: SW(WEST) Matrix: Soil Date Received: 07/29/05 15:45

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Date Extracted	08/04/05				08/04/05				
GC Semivolatiles									
EPH in Soil by Mass. Method	Prep/Method: EPA 3550 / EPH								
Aliphatic (C09-C18)	ND	mg/kg	11.	1.1	08/10/05 04:45	KBS			
Aliphatic (C19-C36)	ND	mg/kg	11.	1.1	08/10/05 04:45	KBS			
Aromatic (C11-22)	ND	mg/kg	11.	1.1	08/10/05 04:45	KBS			
2-Fluorobiphenyl (S)	97	%		1.0	08/10/05 04:45	KBS	321-60-8		
2-Bromonaphthalene (S)	96	%		1.0	08/10/05 04:45	KBS	580-13-2		
Nonatriacontane (S)	66	%		1.0	08/10/05 04:45	KBS	7194-86-7		
o-Terphenyl (S)	75	%		1.0	08/10/05 04:45	KBS	84-15-1		
Date Extracted	08/02/05				08/02/05				
GC Volatiles									
VPH in Soil by Mass. Method	Method: VPH								
Aliphatic (C05-C08)	ND	mg/kg	10.	1.0	08/02/05 20:57	DHW			
Aliphatic (C09-C12)	ND	mg/kg	10.	1.0	08/02/05 20:57	DHW			
Aromatic (C09-C10)	ND	mg/kg	10.	1.0	08/02/05 20:57	DHW			
2,5-Dibromotoluene (FID)(S)	70	%		1.0	08/02/05 20:57	DHW			
2,5-Dibromotoluene (PID)(S)	82	%		1.0	08/02/05 20:57	DHW			
GC/MS Volatiles									
GC/MS VOCs 5035/8260 low level	Method: EPA 8260								
Acetone	ND	ug/kg	99.	1.0	08/10/05 21:40	DLK	67-64-1		
Benzene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	71-43-2		
Bromobenzene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	108-86-1		
Bromochloromethane	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	74-97-5		
Bromodichloromethane	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	75-27-4		
Bromoform	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	75-25-2		
Bromomethane	ND	ug/kg	9.9	1.0	08/10/05 21:40	DLK	74-83-9		
2-Butanone (MEK)	ND	ug/kg	99.	1.0	08/10/05 21:40	DLK	78-93-3		
n-Butylbenzene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	104-51-8		
sec-Butylbenzene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	135-98-8		
tert-Butylbenzene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	98-06-6		
Carbon tetrachloride	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	56-23-5		
Chlorobenzene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	108-90-7		
Chloroethane	ND	ug/kg	9.9	1.0	08/10/05 21:40	DLK	75-00-3		
Chloroform	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	67-66-3		
Chloromethane	ND	ug/kg	9.9	1.0	08/10/05 21:40	DLK	74-87-3		

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Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925924201 Project Sample Number: 9299878-008 Date Collected: 07/29/05 14:30
Client Sample ID: SW(WEST) Matrix: Soil Date Received: 07/29/05 15:45

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
2-Chlorotoluene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	106-93-4		
Dibromomethane	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	9.9	1.0	08/10/05 21:40	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	87-68-3		
2-Hexanone	ND	ug/kg	49.	1.0	08/10/05 21:40	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	99-87-6		
Methylene chloride	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	49.	1.0	08/10/05 21:40	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	1634-04-4		
Naphthalene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	103-65-1		
Styrene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	127-18-4		
Toluene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	120-82-1		

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Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925924201 **Project Sample Number: 9299878-008** **Date Collected: 07/29/05 14:30**
Client Sample ID: SW(WEST) **Matrix: Soil** **Date Received: 07/29/05 15:45**

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
1,1,1-Trichloroethane	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	79-00-5		
Trichloroethene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	49.	1.0	08/10/05 21:40	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	9.9	1.0	08/10/05 21:40	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	9.9	1.0	08/10/05 21:40	DLK			
o-Xylene	ND	ug/kg	4.9	1.0	08/10/05 21:40	DLK	95-47-6		
Toluene-d8 (S)	100	%		1.0	08/10/05 21:40	DLK	2037-26-5		
4-Bromofluorobenzene (S)	93	%		1.0	08/10/05 21:40	DLK	460-00-4		
Dibromofluoromethane (S)	101	%		1.0	08/10/05 21:40	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	94	%		1.0	08/10/05 21:40	DLK	17060-07-0		

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Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

PARAMETER FOOTNOTES

Dilution factor shown represents the factor applied to the reported result and reporting limit due to changes in sample preparation, dilution of the extract, or moisture content

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
[1]	Acid surrogate recovery outside of control limits. The data was accepted based on valid recovery of the two remaining acid surrogates.

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QUALITY CONTROL DATA

Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

QC Batch: 134110 Analysis Method: EPH
QC Batch Method: EPA 3550 Analysis Description: EPH in Soil by Mass. Method
Associated Lab Samples: 925924169 925924177 925924185 925924193 925924201

METHOD BLANK: 925929630
Associated Lab Samples: 925924169 925924177 925924185 925924193 925924201

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Aliphatic (C09-C18)	mg/kg	ND	10.	
Aliphatic (C19-C36)	mg/kg	ND	10.	
Aromatic (C11-22)	mg/kg	ND	10.	
2-Fluorobiphenyl (S)	%	87		
2-Bromonaphthalene (S)	%	91		
Nonatriacontane (S)	%	50		
o-Terphenyl (S)	%	63		

LABORATORY CONTROL SAMPLE & LCSD: 925929648 925929655

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	RPD	Footnotes
Aliphatic (C09-C18)	mg/kg	10.00	4.558	5.428	46	54	17	
Aliphatic (C19-C36)	mg/kg	13.33	8.070	8.555	60	64	6	
Aromatic (C11-22)	mg/kg	28.33	14.97	15.03	53	53	0	
2-Fluorobiphenyl (S)					90	81		
2-Bromonaphthalene (S)					84	76		
Nonatriacontane (S)					51	49		
o-Terphenyl (S)					59	61		

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QUALITY CONTROL DATA

Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

QC Batch: 134409 Analysis Method: EPA 8015
QC Batch Method: EPA 3545 Analysis Description: TPH in Soil by 3545/8015
Associated Lab Samples: 925924136 925924144 925924151

METHOD BLANK: 925943326
Associated Lab Samples: 925924136 925924144 925924151

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Diesel Fuel	mg/kg	ND	5.0	
n-Pentacosane (S)	%	75		

LABORATORY CONTROL SAMPLE: 925943334

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Diesel Fuel	mg/kg	166.70	122.9	74	
n-Pentacosane (S)				72	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 925943342 925943359

Parameter	Units	925924144 Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	RPD	Footnotes
Diesel Fuel	mg/kg	30.64	196.40	195.0	166.9	84	69	16	
n-Pentacosane (S)						85	72		

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QUALITY CONTROL DATA

Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

QC Batch: 134151 Analysis Method: VPH
QC Batch Method: VPH Analysis Description: VPH in Soil by Mass. Method
Associated Lab Samples: 925924169 925924177 925924185 925924193 925924201

METHOD BLANK: 925930984
Associated Lab Samples: 925924169 925924177 925924185 925924193 925924201

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Aliphatic (C05-C08)	mg/kg	ND	10.	
Aliphatic (C09-C12)	mg/kg	ND	10.	
Aromatic (C09-C10)	mg/kg	ND	10.	
2,5-Dibromotoluene (FID)(S)	%	74		
2,5-Dibromotoluene (PID)(S)	%	90		

LABORATORY CONTROL SAMPLE: 925930992

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Aliphatic (C05-C08)	mg/kg	20.00	19.18	96	
Aliphatic (C09-C12)	mg/kg	5.000	4.953	99	
Aromatic (C09-C10)	mg/kg	5.000	4.838	97	
2,5-Dibromotoluene (FID)(S)				74	
2,5-Dibromotoluene (PID)(S)				87	

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QUALITY CONTROL DATA

Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

QC Batch: 134159 Analysis Method: EPA 8015
QC Batch Method: EPA 8015 Analysis Description: GAS, Soil, North Carolina
Associated Lab Samples: 925924136 925924144 925924151

METHOD BLANK: 925931230
Associated Lab Samples: 925924136 925924144 925924151

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Gasoline	mg/kg	ND	5.0	
4-Bromofluorobenzene (S)	%	104		

LABORATORY CONTROL SAMPLE: 925931248

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Gasoline	mg/kg	25.00	32.63	131	
4-Bromofluorobenzene (S)				117	

MATRIX SPIKE: 925931255

Parameter	Units	925930711 Result	Spike Conc.	MS Result	MS % Rec	Footnotes
Gasoline	mg/kg	24.66	38.97	62.40	97	
4-Bromofluorobenzene (S)					104	

SAMPLE DUPLICATE: 925931263

Parameter	Units	925930729 Result	DUP Result	RPD	Footnotes
Gasoline	mg/kg	ND	ND	NC	
4-Bromofluorobenzene (S)	%	93	94		

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QUALITY CONTROL DATA

Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

QC Batch: 134383 Analysis Method: EPA 8270
QC Batch Method: EPA 3545 Analysis Description: Semivolatile Organics
Associated Lab Samples: 925924169 925924177 925924185 925924193 925924201

METHOD BLANK: 925941445
Associated Lab Samples: 925924169 925924177 925924185 925924193 925924201

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Acenaphthene	ug/kg	ND	330	
Acenaphthylene	ug/kg	ND	330	
Anthracene	ug/kg	ND	330	
Benzo(k)fluoranthene	ug/kg	ND	330	
Benzo(b)fluoranthene	ug/kg	ND	330	
Benzo(a)anthracene	ug/kg	ND	330	
Benzoic acid	ug/kg	ND	1600	
Benzo(g,h,i)perylene	ug/kg	ND	330	
Benzyl alcohol	ug/kg	ND	660	
Benzo(a)pyrene	ug/kg	ND	330	
4-Bromophenylphenyl ether	ug/kg	ND	330	
Butylbenzylphthalate	ug/kg	ND	330	
4-Chloro-3-methylphenol	ug/kg	ND	660	
4-Chloroaniline	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	
2-Chloronaphthalene	ug/kg	ND	330	
2-Chlorophenol	ug/kg	ND	330	
4-Chlorophenylphenyl ether	ug/kg	ND	330	
Chrysene	ug/kg	ND	330	
Dibenz(a,h)anthracene	ug/kg	ND	330	
Dibenzofuran	ug/kg	ND	330	
1,2-Dichlorobenzene	ug/kg	ND	330	
1,3-Dichlorobenzene	ug/kg	ND	330	
1,4-Dichlorobenzene	ug/kg	ND	330	
3,3'-Dichlorobenzidine	ug/kg	ND	660	
2,4-Dichlorophenol	ug/kg	ND	330	
Diethylphthalate	ug/kg	ND	330	
2,4-Dimethylphenol	ug/kg	ND	330	
Dimethylphthalate	ug/kg	ND	330	

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QUALITY CONTROL DATA

Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

METHOD BLANK: 925941445
Associated Lab Samples: 925924169 925924177 925924185 925924193 925924201

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Di-n-butylphthalate	ug/kg	ND	330	
4,6-Dinitro-2-methylphenol	ug/kg	ND	330	
2,4-Dinitrophenol	ug/kg	ND	1600	
2,4-Dinitrotoluene	ug/kg	ND	330	
2,6-Dinitrotoluene	ug/kg	ND	330	
Di-n-octylphthalate	ug/kg	ND	330	
1,2-Diphenylhydrazine	ug/kg	ND	330	
bis(2-Ethylhexyl)phthalate	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	
2-Methylnaphthalene	ug/kg	ND	330	
2-Methylphenol (o-Cresol)	ug/kg	ND	330	
3&4-Methylphenol	ug/kg	ND	330	
Naphthalene	ug/kg	ND	330	
2-Nitroaniline	ug/kg	ND	1600	
3-Nitroaniline	ug/kg	ND	1600	
4-Nitroaniline	ug/kg	ND	1600	
Nitrobenzene	ug/kg	ND	330	
2-Nitrophenol	ug/kg	ND	330	
4-Nitrophenol	ug/kg	ND	1600	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	
N-Nitrosodiphenylamine	ug/kg	ND	330	
Pentachlorophenol	ug/kg	ND	1600	
Phenanthrene	ug/kg	ND	330	
Phenol	ug/kg	ND	330	
Pyrene	ug/kg	ND	330	
1,2,4-Trichlorobenzene	ug/kg	ND	330	
2,4,5-Trichlorophenol	ug/kg	ND	330	
2,4,6-Trichlorophenol	ug/kg	ND	330	
Nitrobenzene-d5 (S)	%	56		

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QUALITY CONTROL DATA

Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

METHOD BLANK: 925941445
Associated Lab Samples: 925924169 925924177 925924185 925924193 925924201

Parameter	Units	Blank Result	Reporting Limit	Footnotes
2-Fluorobiphenyl (S)	%	58		
Terphenyl-d14 (S)	%	60		
Phenol-d5 (S)	%	57		
2-Fluorophenol (S)	%	54		
2,4,6-Tribromophenol (S)	%	49		

LABORATORY CONTROL SAMPLE: 925941452

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Acenaphthene	ug/kg	1667.00	1187	71	
Acenaphthylene	ug/kg	1667.00	1169	70	
Anthracene	ug/kg	1667.00	1279	77	
Benzo(k)fluoranthene	ug/kg	1667.00	1102	66	
Benzo(b)fluoranthene	ug/kg	1667.00	1087	65	
Benzo(a)anthracene	ug/kg	1667.00	1223	73	
Benzoic acid	ug/kg	1667.00	480.0	29	
Benzo(g,h,i)perylene	ug/kg	1667.00	2277	137	1
Benzyl alcohol	ug/kg	1667.00	1064	64	
Benzo(a)pyrene	ug/kg	1667.00	1199	72	
4-Bromophenylphenyl ether	ug/kg	1667.00	1178	71	
Butylbenzylphthalate	ug/kg	1667.00	1180	71	
4-Chloro-3-methylphenol	ug/kg	1667.00	1213	73	
4-Chloroaniline	ug/kg	1667.00	1308	78	
bis(2-Chloroethoxy)methane	ug/kg	1667.00	1190	71	
bis(2-Chloroethyl) ether	ug/kg	1667.00	1083	65	
bis(2-Chloroisopropyl) ether	ug/kg	1667.00	1102	66	
2-Chloronaphthalene	ug/kg	1667.00	1178	71	
2-Chlorophenol	ug/kg	1667.00	1091	65	
4-Chlorophenylphenyl ether	ug/kg	1667.00	1167	70	
Chrysene	ug/kg	1667.00	1202	72	
Dibenz(a,h)anthracene	ug/kg	1667.00	1854	111	
Dibenzofuran	ug/kg	1667.00	1194	72	
1,2-Dichlorobenzene	ug/kg	1667.00	1023	61	
1,3-Dichlorobenzene	ug/kg	1667.00	1010	61	

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QUALITY CONTROL DATA

Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

LABORATORY CONTROL SAMPLE: 925941452

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
1,4-Dichlorobenzene	ug/kg	1667.00	1030	62	
3,3'-Dichlorobenzidine	ug/kg	3333.00	1208	36	
2,4-Dichlorophenol	ug/kg	1667.00	1229	74	
Diethylphthalate	ug/kg	1667.00	1120	67	
2,4-Dimethylphenol	ug/kg	1667.00	1060	64	
Dimethylphthalate	ug/kg	1667.00	1196	72	
Di-n-butylphthalate	ug/kg	1667.00	1176	71	
4,6-Dinitro-2-methylphenol	ug/kg	1667.00	1133	68	
2,4-Dinitrophenol	ug/kg	1667.00	946.8	57	
2,4-Dinitrotoluene	ug/kg	1667.00	1218	73	
2,6-Dinitrotoluene	ug/kg	1667.00	1225	74	
Di-n-octylphthalate	ug/kg	1667.00	1292	78	
1,2-Diphenylhydrazine	ug/kg	1667.00	964.3	58	
bis(2-Ethylhexyl)phthalate	ug/kg	1667.00	1272	76	
Fluoranthene	ug/kg	1667.00	1212	73	
Fluorene	ug/kg	1667.00	1186	71	
Hexachloro-1,3-butadiene	ug/kg	1667.00	1050	63	
Hexachlorobenzene	ug/kg	1667.00	1073	64	
Hexachlorocyclopentadiene	ug/kg	1667.00	1070	64	
Hexachloroethane	ug/kg	1667.00	947.4	57	
Indeno(1,2,3-cd)pyrene	ug/kg	1667.00	1915	115	
Isophorone	ug/kg	1667.00	1329	80	
2-Methylnaphthalene	ug/kg	1667.00	1202	72	
2-Methylphenol (o-Cresol)	ug/kg	1667.00	1090	65	
3&4-Methylphenol	ug/kg	1667.00	1131	68	
Naphthalene	ug/kg	1667.00	1153	69	
2-Nitroaniline	ug/kg	1667.00	1084	65	
3-Nitroaniline	ug/kg	1667.00	1132	68	
4-Nitroaniline	ug/kg	1667.00	1281	77	
Nitrobenzene	ug/kg	1667.00	1107	66	
2-Nitrophenol	ug/kg	1667.00	1200	72	
4-Nitrophenol	ug/kg	1667.00	769.6	46	
N-Nitroso-di-n-propylamine	ug/kg	1667.00	1030	62	
N-Nitrosodiphenylamine	ug/kg	1667.00	1307	78	
Pentachlorophenol	ug/kg	1667.00	1130	68	
Phenanthrene	ug/kg	1667.00	1199	72	
Phenol	ug/kg	1667.00	1056	63	

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QUALITY CONTROL DATA

Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

LABORATORY CONTROL SAMPLE: 925941452

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Pyrene	ug/kg	1667.00	1215	73	
1,2,4-Trichlorobenzene	ug/kg	1667.00	1113	67	
2,4,5-Trichlorophenol	ug/kg	1667.00	1070	64	
2,4,6-Trichlorophenol	ug/kg	1667.00	1158	70	
Nitrobenzene-d5 (S)				67	
2-Fluorobiphenyl (S)				69	
Terphenyl-d14 (S)				72	
Phenol-d5 (S)				64	
2-Fluorophenol (S)				61	
2,4,6-Tribromophenol (S)				61	

SAMPLE DUPLICATE: 925941486

Parameter	Units	925939159 Result	DUP Result	RPD	Footnotes
Acenaphthene	ug/kg	ND	ND	NC	
Acenaphthylene	ug/kg	ND	ND	NC	
Anthracene	ug/kg	ND	ND	NC	
Benzo(k)fluoranthene	ug/kg	ND	ND	NC	
Benzo(b)fluoranthene	ug/kg	ND	ND	NC	
Benzo(a)anthracene	ug/kg	ND	ND	NC	
Benzoic acid	ug/kg	ND	ND	NC	
Benzo(g,h,i)perylene	ug/kg	ND	ND	NC	
Benzyl alcohol	ug/kg	ND	ND	NC	
Benzo(a)pyrene	ug/kg	ND	ND	NC	
4-Bromophenylphenyl ether	ug/kg	ND	ND	NC	
Butylbenzylphthalate	ug/kg	ND	ND	NC	
4-Chloro-3-methylphenol	ug/kg	ND	ND	NC	
4-Chloroaniline	ug/kg	ND	ND	NC	
bis(2-Chloroethoxy)methane	ug/kg	ND	ND	NC	
bis(2-Chloroethyl) ether	ug/kg	ND	ND	NC	
bis(2-Chloroisopropyl) ether	ug/kg	ND	ND	NC	
2-Chloronaphthalene	ug/kg	ND	ND	NC	
2-Chlorophenol	ug/kg	ND	ND	NC	
4-Chlorophenylphenyl ether	ug/kg	ND	ND	NC	
Chrysene	ug/kg	ND	ND	NC	

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QUALITY CONTROL DATA

Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

SAMPLE DUPLICATE: 925941486

Parameter	Units	925939159 Result	DUP Result	RPD	Footnotes
Dibenz(a,h)anthracene	ug/kg	ND	ND	NC	
Dibenzofuran	ug/kg	ND	ND	NC	
1,2-Dichlorobenzene	ug/kg	ND	ND	NC	
1,3-Dichlorobenzene	ug/kg	ND	ND	NC	
1,4-Dichlorobenzene	ug/kg	ND	ND	NC	
3,3'-Dichlorobenzidine	ug/kg	ND	ND	NC	
2,4-Dichlorophenol	ug/kg	ND	ND	NC	
Diethylphthalate	ug/kg	ND	ND	NC	
2,4-Dimethylphenol	ug/kg	ND	ND	NC	
Dimethylphthalate	ug/kg	ND	ND	NC	
Di-n-butylphthalate	ug/kg	ND	ND	NC	
4,6-Dinitro-2-methylphenol	ug/kg	ND	ND	NC	
2,4-Dinitrophenol	ug/kg	ND	ND	NC	
2,4-Dinitrotoluene	ug/kg	ND	ND	NC	
2,6-Dinitrotoluene	ug/kg	ND	ND	NC	
Di-n-octylphthalate	ug/kg	ND	ND	NC	
1,2-Diphenylhydrazine	ug/kg	ND	ND	NC	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	ND	NC	
Fluoranthene	ug/kg	ND	ND	NC	
Fluorene	ug/kg	ND	ND	NC	
Hexachloro-1,3-butadiene	ug/kg	ND	ND	NC	
Hexachlorobenzene	ug/kg	ND	ND	NC	
Hexachlorocyclopentadiene	ug/kg	ND	ND	NC	
Hexachloroethane	ug/kg	ND	ND	NC	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND	NC	
Isophorone	ug/kg	ND	ND	NC	
2-Methylnaphthalene	ug/kg	390.0	ND	NC	
2-Methylphenol (o-Cresol)	ug/kg	ND	ND	NC	
3&4-Methylphenol	ug/kg	ND	ND	NC	
Naphthalene	ug/kg	ND	ND	NC	
2-Nitroaniline	ug/kg	ND	ND	NC	
3-Nitroaniline	ug/kg	ND	ND	NC	
4-Nitroaniline	ug/kg	ND	ND	NC	
Nitrobenzene	ug/kg	ND	ND	NC	
2-Nitrophenol	ug/kg	ND	ND	NC	
4-Nitrophenol	ug/kg	ND	ND	NC	
N-Nitroso-di-n-propylamine	ug/kg	ND	ND	NC	

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QUALITY CONTROL DATA

Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

SAMPLE DUPLICATE: 925941486

Parameter	Units	925939159 Result	DUP Result	RPD	Footnotes
N-Nitrosodiphenylamine	ug/kg	ND	ND	NC	
Pentachlorophenol	ug/kg	ND	ND	NC	
Phenanthrene	ug/kg	ND	ND	NC	
Phenol	ug/kg	ND	ND	NC	
Pyrene	ug/kg	ND	ND	NC	
1,2,4-Trichlorobenzene	ug/kg	ND	ND	NC	
2,4,5-Trichlorophenol	ug/kg	ND	ND	NC	
2,4,6-Trichlorophenol	ug/kg	ND	ND	NC	
Nitrobenzene-d5 (S)	%	59	60		
2-Fluorobiphenyl (S)	%	65	58		
Terphenyl-d14 (S)	%	67	56		
Phenol-d5 (S)	%	53	53		
2-Fluorophenol (S)	%	51	51		
2,4,6-Tribromophenol (S)	%	69	58		

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QUALITY CONTROL DATA

Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

QC Batch: 134738 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: GC/MS VOCs 5035/8260 low level
Associated Lab Samples: 925924169 925924177 925924185

METHOD BLANK: 925958746
Associated Lab Samples: 925924169 925924177 925924185

Parameter	Units	Blank Result	Reporting Limit	Footnotes
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.	
2-Butanone (MEK)	ug/kg	ND	100	
n-Butylbenzene	ug/kg	ND	5.0	
sec-Butylbenzene	ug/kg	ND	5.0	
tert-Butylbenzene	ug/kg	ND	5.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	10.	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	10.	
2-Chlorotoluene	ug/kg	ND	5.0	
4-Chlorotoluene	ug/kg	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	
Dibromochloromethane	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
Dibromomethane	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	10.	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	

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QUALITY CONTROL DATA

Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

METHOD BLANK: 925958746
Associated Lab Samples: 925924169 925924177 925924185

Parameter	Units	Blank Result	Reporting Limit	Footnotes
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichloropropane	ug/kg	ND	5.0	
2,2-Dichloropropane	ug/kg	ND	5.0	
1,1-Dichloropropene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Diisopropyl ether	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	
2-Hexanone	ug/kg	ND	50.	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
p-Isopropyltoluene	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	5.0	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Naphthalene	ug/kg	ND	5.0	
n-Propylbenzene	ug/kg	ND	5.0	
Styrene	ug/kg	ND	5.0	
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
1,2,3-Trichloropropane	ug/kg	ND	5.0	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	
Vinyl acetate	ug/kg	ND	50.	
Vinyl chloride	ug/kg	ND	10.	
Xylene (Total)	ug/kg	ND	5.0	
m&p-Xylene	ug/kg	ND	10.	
o-Xylene	ug/kg	ND	5.0	

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QUALITY CONTROL DATA

Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

METHOD BLANK: 925958746
Associated Lab Samples: 925924169 925924177 925924185

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Toluene-d8 (S)	%	101		
4-Bromofluorobenzene (S)	%	95		
Dibromofluoromethane (S)	%	102		
1,2-Dichloroethane-d4 (S)	%	99		

LABORATORY CONTROL SAMPLE: 925958753

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Acetone	ug/kg	100.00	94.43	94	
Benzene	ug/kg	50.00	54.37	109	
Bromobenzene	ug/kg	50.00	51.32	103	
Bromochloromethane	ug/kg	50.00	54.38	109	
Bromodichloromethane	ug/kg	50.00	55.09	110	
Bromoform	ug/kg	50.00	47.39	95	
Bromomethane	ug/kg	50.00	65.60	131	
2-Butanone (MEK)	ug/kg	100.00	89.80	90	
n-Butylbenzene	ug/kg	50.00	47.32	95	
sec-Butylbenzene	ug/kg	50.00	52.20	104	
tert-Butylbenzene	ug/kg	50.00	40.32	81	
Carbon tetrachloride	ug/kg	50.00	57.30	115	
Chlorobenzene	ug/kg	50.00	53.26	107	
Chloroethane	ug/kg	50.00	56.67	113	
Chloroform	ug/kg	50.00	56.04	112	
Chloromethane	ug/kg	50.00	50.25	100	
2-Chlorotoluene	ug/kg	50.00	49.90	100	
4-Chlorotoluene	ug/kg	50.00	51.90	104	
1,2-Dibromo-3-chloropropane	ug/kg	50.00	47.22	94	
Dibromochloromethane	ug/kg	50.00	55.93	112	
1,2-Dibromoethane (EDB)	ug/kg	50.00	53.18	106	
Dibromomethane	ug/kg	50.00	49.26	98	
1,2-Dichlorobenzene	ug/kg	50.00	52.15	104	
1,3-Dichlorobenzene	ug/kg	50.00	51.39	103	
1,4-Dichlorobenzene	ug/kg	50.00	49.84	100	
Dichlorodifluoromethane	ug/kg	50.00	47.41	95	

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QUALITY CONTROL DATA

Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

LABORATORY CONTROL SAMPLE: 925958753

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
1,1-Dichloroethane	ug/kg	50.00	53.76	108	
1,2-Dichloroethane	ug/kg	50.00	53.76	108	
1,1-Dichloroethene	ug/kg	50.00	56.29	113	
cis-1,2-Dichloroethene	ug/kg	50.00	54.18	108	
trans-1,2-Dichloroethene	ug/kg	50.00	55.64	111	
1,2-Dichloropropane	ug/kg	50.00	49.30	99	
1,3-Dichloropropane	ug/kg	50.00	52.61	105	
2,2-Dichloropropane	ug/kg	50.00	51.68	103	
1,1-Dichloropropene	ug/kg	50.00	54.45	109	
cis-1,3-Dichloropropene	ug/kg	50.00	50.76	102	
trans-1,3-Dichloropropene	ug/kg	50.00	46.81	94	
Diisopropyl ether	ug/kg	50.00	55.22	110	
Ethylbenzene	ug/kg	50.00	53.88	108	
Hexachloro-1,3-butadiene	ug/kg	50.00	51.09	102	
2-Hexanone	ug/kg	100.00	96.19	96	
Isopropylbenzene (Cumene)	ug/kg	50.00	56.48	113	
p-Isopropyltoluene	ug/kg	50.00	47.39	95	
Methylene chloride	ug/kg	50.00	55.65	111	
4-Methyl-2-pentanone (MIBK)	ug/kg	100.00	106.2	106	
Methyl-tert-butyl ether	ug/kg	50.00	51.96	104	
Naphthalene	ug/kg	50.00	48.70	97	
n-Propylbenzene	ug/kg	50.00	50.45	101	
Styrene	ug/kg	50.00	52.86	106	
1,1,1,2-Tetrachloroethane	ug/kg	50.00	56.23	112	
1,1,2,2-Tetrachloroethane	ug/kg	50.00	51.77	104	
Tetrachloroethene	ug/kg	50.00	47.83	96	
Toluene	ug/kg	50.00	50.72	101	
1,2,3-Trichlorobenzene	ug/kg	50.00	57.19	114	
1,2,4-Trichlorobenzene	ug/kg	50.00	53.71	107	
1,1,1-Trichloroethane	ug/kg	50.00	55.06	110	
1,1,2-Trichloroethane	ug/kg	50.00	50.83	102	
Trichloroethene	ug/kg	50.00	52.47	105	
Trichlorofluoromethane	ug/kg	50.00	51.94	104	
1,2,3-Trichloropropane	ug/kg	50.00	47.60	95	
1,2,4-Trimethylbenzene	ug/kg	50.00	46.72	93	
1,3,5-Trimethylbenzene	ug/kg	50.00	48.35	97	
Vinyl acetate	ug/kg	100.00	76.72	77	

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Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

LABORATORY CONTROL SAMPLE: 925958753

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Vinyl chloride	ug/kg	50.00	47.27	94	
Xylene (Total)	ug/kg	150.00	158.4	106	
m&p-Xylene	ug/kg	100.00	107.1	107	
o-Xylene	ug/kg	50.00	51.28	103	
Toluene-d8 (S)				98	
4-Bromofluorobenzene (S)				100	
Dibromofluoromethane (S)				106	
1,2-Dichloroethane-d4 (S)				101	

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QUALITY CONTROL DATA

Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

QC Batch: 134812 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: GC/MS VOCs 5035/8260 low level
Associated Lab Samples: 925924193 925924201

METHOD BLANK: 925962490
Associated Lab Samples: 925924193 925924201

Parameter	Units	Blank Result	Reporting Limit	Footnotes
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.	
2-Butanone (MEK)	ug/kg	ND	100	
n-Butylbenzene	ug/kg	ND	5.0	
sec-Butylbenzene	ug/kg	ND	5.0	
tert-Butylbenzene	ug/kg	ND	5.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	10.	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	10.	
2-Chlorotoluene	ug/kg	ND	5.0	
4-Chlorotoluene	ug/kg	ND	5.0	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	
Dibromochloromethane	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
Dibromomethane	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	10.	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	

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QUALITY CONTROL DATA

Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

METHOD BLANK: 925962490
Associated Lab Samples: 925924193 925924201

Parameter	Units	Blank Result	Reporting Limit	Footnotes
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3-Dichloropropane	ug/kg	ND	5.0	
2,2-Dichloropropane	ug/kg	ND	5.0	
1,1-Dichloropropene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
Diisopropyl ether	ug/kg	ND	5.0	
Ethylbenzene	ug/kg	ND	5.0	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	
2-Hexanone	ug/kg	ND	50.	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
p-Isopropyltoluene	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	5.0	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Naphthalene	ug/kg	ND	5.0	
n-Propylbenzene	ug/kg	ND	5.0	
Styrene	ug/kg	ND	5.0	
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
1,2,3-Trichloropropane	ug/kg	ND	5.0	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	
Vinyl acetate	ug/kg	ND	50.	
Vinyl chloride	ug/kg	ND	10.	
Xylene (Total)	ug/kg	ND	5.0	
m&p-Xylene	ug/kg	ND	10.	
o-Xylene	ug/kg	ND	5.0	

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QUALITY CONTROL DATA

Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

METHOD BLANK: 925962490
Associated Lab Samples: 925924193 925924201

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Toluene-d8 (S)	%	102		
4-Bromofluorobenzene (S)	%	101		
Dibromofluoromethane (S)	%	105		
1,2-Dichloroethane-d4 (S)	%	100		

LABORATORY CONTROL SAMPLE: 925962508

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Acetone	ug/kg	100.00	79.12	79	
Benzene	ug/kg	50.00	48.67	97	
Bromobenzene	ug/kg	50.00	50.42	101	
Bromochloromethane	ug/kg	50.00	48.90	98	
Bromodichloromethane	ug/kg	50.00	48.29	97	
Bromoform	ug/kg	50.00	47.29	95	
Bromomethane	ug/kg	50.00	69.54	139	
2-Butanone (MEK)	ug/kg	100.00	69.24	69	
n-Butylbenzene	ug/kg	50.00	46.09	92	
sec-Butylbenzene	ug/kg	50.00	52.55	105	
tert-Butylbenzene	ug/kg	50.00	41.67	83	
Carbon tetrachloride	ug/kg	50.00	52.50	105	
Chlorobenzene	ug/kg	50.00	54.65	109	
Chloroethane	ug/kg	50.00	54.71	109	
Chloroform	ug/kg	50.00	50.62	101	
Chloromethane	ug/kg	50.00	47.27	94	
2-Chlorotoluene	ug/kg	50.00	49.95	100	
4-Chlorotoluene	ug/kg	50.00	49.38	99	
1,2-Dibromo-3-chloropropane	ug/kg	50.00	53.71	107	
Dibromochloromethane	ug/kg	50.00	51.64	103	
1,2-Dibromoethane (EDB)	ug/kg	50.00	51.13	102	
Dibromomethane	ug/kg	50.00	44.56	89	
1,2-Dichlorobenzene	ug/kg	50.00	51.24	102	
1,3-Dichlorobenzene	ug/kg	50.00	49.46	99	
1,4-Dichlorobenzene	ug/kg	50.00	50.10	100	
Dichlorodifluoromethane	ug/kg	50.00	37.46	75	

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QUALITY CONTROL DATA

Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

LABORATORY CONTROL SAMPLE: 925962508

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
1,1-Dichloroethane	ug/kg	50.00	51.04	102	
1,2-Dichloroethane	ug/kg	50.00	50.23	100	
1,1-Dichloroethene	ug/kg	50.00	56.00	112	
cis-1,2-Dichloroethene	ug/kg	50.00	52.77	106	
trans-1,2-Dichloroethene	ug/kg	50.00	50.99	102	
1,2-Dichloropropane	ug/kg	50.00	45.42	91	
1,3-Dichloropropane	ug/kg	50.00	48.97	98	
2,2-Dichloropropane	ug/kg	50.00	49.65	99	
1,1-Dichloropropene	ug/kg	50.00	51.06	102	
cis-1,3-Dichloropropene	ug/kg	50.00	45.27	90	
trans-1,3-Dichloropropene	ug/kg	50.00	44.31	89	
Diisopropyl ether	ug/kg	50.00	51.43	103	
Ethylbenzene	ug/kg	50.00	53.30	107	
Hexachloro-1,3-butadiene	ug/kg	50.00	54.12	108	
2-Hexanone	ug/kg	100.00	113.5	113	
Isopropylbenzene (Cumene)	ug/kg	50.00	56.60	113	
p-Isopropyltoluene	ug/kg	50.00	46.78	94	
Methylene chloride	ug/kg	50.00	49.59	99	
4-Methyl-2-pentanone (MIBK)	ug/kg	100.00	92.14	92	
Methyl-tert-butyl ether	ug/kg	50.00	47.33	95	
Naphthalene	ug/kg	50.00	44.60	89	
n-Propylbenzene	ug/kg	50.00	51.28	103	
Styrene	ug/kg	50.00	52.14	104	
1,1,1,2-Tetrachloroethane	ug/kg	50.00	56.83	114	
1,1,2,2-Tetrachloroethane	ug/kg	50.00	48.99	98	
Tetrachloroethene	ug/kg	50.00	46.87	94	
Toluene	ug/kg	50.00	47.48	95	
1,2,3-Trichlorobenzene	ug/kg	50.00	50.77	102	
1,2,4-Trichlorobenzene	ug/kg	50.00	49.24	98	
1,1,1-Trichloroethane	ug/kg	50.00	52.43	105	
1,1,2-Trichloroethane	ug/kg	50.00	47.65	95	
Trichloroethene	ug/kg	50.00	47.91	96	
Trichlorofluoromethane	ug/kg	50.00	53.02	106	
1,2,3-Trichloropropane	ug/kg	50.00	48.46	97	
1,2,4-Trimethylbenzene	ug/kg	50.00	46.36	93	
1,3,5-Trimethylbenzene	ug/kg	50.00	47.38	95	
Vinyl acetate	ug/kg	100.00	46.72	47	2

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QUALITY CONTROL DATA

Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

LABORATORY CONTROL SAMPLE: 925962508

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Vinyl chloride	ug/kg	50.00	41.96	84	
Xylene (Total)	ug/kg	150.00	161.1	107	
m&p-Xylene	ug/kg	100.00	107.0	107	
o-Xylene	ug/kg	50.00	54.05	108	
Toluene-d8 (S)				100	
4-Bromofluorobenzene (S)				100	
Dibromofluoromethane (S)				100	
1,2-Dichloroethane-d4 (S)				97	

MATRIX SPIKE: 925966194

Parameter	Units	925943813 Result	Spike Conc.	MS Result	MS % Rec	Footnotes
Benzene	ug/kg	0	49.93	51.60	103	
Chlorobenzene	ug/kg	0	49.93	53.49	107	
1,1-Dichloroethene	ug/kg	0	49.93	50.54	101	
Toluene	ug/kg	0	49.93	52.18	104	
Trichloroethene	ug/kg	0	49.93	54.29	109	
Toluene-d8 (S)					98	
4-Bromofluorobenzene (S)					101	
Dibromofluoromethane (S)					89	
1,2-Dichloroethane-d4 (S)					90	

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QUALITY CONTROL DATA

Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

QC Batch: 134043 **Analysis Method: % Moisture**
QC Batch Method: **Analysis Description: Percent Moisture**
Associated Lab Samples: 925924136 925924144 925924151 925924169 925924177 925924185 925924193 925924201

SAMPLE DUPLICATE: 925926933

Parameter	Units	925923344 Result	DUP Result	RPD	Footnotes
Percent Moisture	%	12.20	11.30	7	

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Lab Project Number: 9299878
Client Project ID: ROW-136/WBS#32179

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]	Recovery falls outside of QC limits, however, this compound is not found in the associated samples.
[2]	The method required sample preservation degrades this compound, therefore acceptable recoveries may not be achieved in sample matrix spikes.

CHAIN-OF-CUSTODY / Analytical Request Document

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

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Page: 1 of 1

936842

Section A
Required Client Information:

Company	Hart + Hickman, PC
Address	2923 South Tryon St
	Charlotte, NC 28203
Email To:	mcrouch@harthickman.com
Phone	704-586-0007
Fax	704-586-0373
Requested Due Date/TAT:	

Section B
Required Project Information:

Report To:	Mike Crouch
Copy To:	NC DOT Raleigh
Purchase Order No.:	
Project Name:	Charlotte UST removal
Project Number:	ROW-136

Section C
Invoice Information:

Attention:	WBS 32179
Company Name:	NC DOT
Address:	Raleigh, NC
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	1782-5

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

SAMPLE ID

One Character per box.
(A-Z, 0-9 / ,-)
Samples IDs MUST BE UNIQUE

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	MATRIX CODE	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	Filtered (Y/N)	Requested Analysis: TPH-GRO (5030/8015B)	TPH-DRO (3550/8015B)	VOCs (8260B)	S-VOC (8270C)	VPH	EPH	Residual Chlorine (Y/N)	Pace Project Number / Lab I.D
1	TIC (center)	SL	G			7-28-5	1800	N/A	4	2						2			XX							9259241 36
2	T2C (South)	SL	G			7-28-5	1810	N/A	4	2						2			XX							9259241 94
3	TIC (North)	SL	G			7-29-5	1035	N/A	4	2						2			XX							9259241 51
4	BASE (20')	SL	G			7-29-5	1350	N/A	8	3					2	3				XXXX						9259241 69
5	SW (North)	SL	G			7-29-5	1400	N/A	8	3					2	3				XXXX						9259241 77
6	SW (East)	SL	G			7-29-5	1410	N/A	8	3					2	3				XXXX						9259241 85
7	SW (South)	SL	G			7-29-5	1420	N/A	8	3					2	3				XXXX						9259241 93
8	SW (West)	SL	G			7-29-5	1430	N/A	8	3					2	3				XXXX						9259241 01
9																										
10																										
11																										
12																										

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
[signature]	7-28-5	1642	[signature]	7/28/05	1642

SAMPLE CONDITION

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Brent Lesmerises

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM / DD / YY): 07-28-05

SEE REVERSE SIDE FOR INSTRUCTIONS