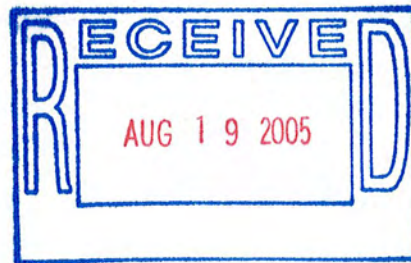


**Underground Storage Tank
Closure Report
Proposed NC DOT
Multi-Modal Station
Orphan UST
531 West 4th Street
Charlotte, North Carolina
Tax Parcel 073-16-107**

**H&H Job No. ROW-136
State Project P-3800
WBS # 32179**

August 15, 2005



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 UST 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

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:*

West Parking Lot at 531 West 4th Street. Property is owned by NC DOT and currently leased to West Parking. The site is located just southeast of the Norfolk Southern Railroad along West 4th Street in Charlotte, North Carolina. The site is proposed to be part of the future NC DOT Multi-Modal Station.

2. *Facility ID #:*

NA.

3. *Facility address, telephone number and county:*

531 West 4th Street
Charlotte, Mecklenburg County, North Carolina
No Facility Phone Number

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

C. Contacts

1. *Name, address, telephone number and job title of primary contact person:*

Mr. Cyrus Parker
GeoEnvironmental 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. (SSI)
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

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	1,000 gallons	Diameter: 48", length: 120"	Suspected to be Heating Oil	None

*See attached Figure No. 2 for tank location.

H&H was informed that 2 USTs were unearthed at the site during an archeological excavation. However, upon excavation during removal it was determined only one UST was present. The other "UST" was actually a 48-inch concrete storm water conduit.

A visual inspection of the UST after removal indicated it was in good shape, however it was actually two 500-gallon USTs welded together and the integrity of the weld could not be determined.

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 UST was located within an access drive to the parking lot approximately 20 to 25 ft from 4th Street.

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 commercial, including parking lots and a bus station. The UST was located southeast of the Norfolk Southern Railroad on West 4th Street. 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.

Visual observation of soils encountered during the excavation of the UST and during soil sample collection (maximum depth of observation of approximately 7 feet below

ground surface) indicate that reddish brown silty clays and clayey silts are the predominant shallow soil type.

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 associated with DOT properties near the proposed Multi-Modal station 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 UST. Appendix A contains form UST-2.

The UST removal activities were conducted on July 26, 2005.

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):

No residual liquids were present within the UST at the time of closure.

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

A vac truck was mobilized to the site to pump out residual liquids in the event they were present in the UST. However, no liquids were present in the UST at the time of closure.

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 26, 2005 to remove two orphan USTs. As indicated earlier, this UST was discovered during an archeological excavation and then recovered. It was reported that two USTs were present, however one of the "USTs" was actually a 48-inch RCP stormwater conduit, so only one UST was removed. Upon arrival there was no surface expression of the UST. The top of the UST was uncovered using a trackhoe, and the tank was purged of potentially combustible vapors using dry ice. After testing the tank with a combustible gas indicator to ensure that potentially combustible vapors had dissipated, the tank was removed from the ground.

The UST was located in the entryway to the parking lot (Figure 2). The fill port for the UST was located on the eastern side of the UST and no dispenser piping was encountered.

Upon removing overburden soils and exposing the USTs, the tank was removed by excavating along the sides of the tank until the tank could be removed. The tank was removed from the basin with a trackhoe via a chain and lifting the tank out of the ground.

Following removal, the tank was inspected. The UST appeared to be in good shape with only minor rusting noted. No holes were noted in the UST. It was noted that the UST was actually two 500-gallon USTs welded together and the integrity of the weld could not be determined.

SSI transported the UST off-site for disposal at Atlantic Scrap and Processing in Winston-Salem, North Carolina. A copy of the tank disposal certificate for the UST is included as Appendix B.

Petroleum odors and elevated OVA readings were noted below the UST. Therefore, following collection of closure samples, additional excavation was conducted. The excavation is described below. Upon completion of the excavation, it measured approximately 22 ft long by a maximum of 17 ft wide and 16 ft in depth (Figure 3).

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

The top of the UST was located approximately 2 ft below ground surface.

3. *Quantity of soil removed:*

A total of 140.94 tons of impacted soil was transported by Soil Solutions to Environmental Soils, Inc. treatment facility in Lattimore, North Carolina for treatment. The manifest and Certificate of Acceptance is attached in Appendix C.

4. *Describe soil type(s):*

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

5. *Type and source of backfill used:*

The basin was backfilled with clean fill and ABC stone obtained from a local quarry. The backfill was placed in lifts in the basin and compacted with the trackhoe to bring the basin to grade. The surface was completed with clean gravel.

E. *Impacted Soil*

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

Soils encountered during the removal of the UST were screened with an OVA and observed for visual staining and odors. Soils exhibiting elevated OVA readings were noted beneath the UST. Excavation proceeded to a depth of approximately 10 ft below grade where impacted soils were still noted at the base of the excavation. However at this depth, the sidewalls did contain significant indications of impact based on odors or OVA readings. It should be noted that excavation east of the UST was limited by the presence of a 48-inch RCP stormwater line. Excavation continued vertically and the soils appeared to be getting more impacted with depth. Excavation continued to a depth of approximately 16 ft, the maximum practical and safe depth with the available equipment and taking into account the workspace allocated due to the presence of parked vehicles in the parking lot.

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.

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 with an organic vapor analyzer with a photoionization detector (PID) for organic vapors. The PID was calibrated prior to its use against an isobutylene standard.

Field screening results of samples collected after tank removal indicated the presence of petroleum impacted soil the UST, PID readings were 93.2 parts per million (ppm) and 525 ppm for closure samples collected directly below the western and eastern sides of the UST, respectively. Additional excavation occurred laterally and vertically and the soil was screened with a PID. It should be noted that excavation to the east was limited due to the presence of a 48-inch RCP stormwater line.

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

After removal of the UST, two closure samples were collected (TC(East) and TC(West)). These soil samples were collected at an approximate depth of 6 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.

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. The laboratory data sheets and the chain-of-custody records are included in Appendix D.

Two closure soil samples were collected directly beneath the UST and analyzed for TPH-GRO and TPH-DRO. These UST closure samples contained detectable concentrations of TPH-DRO and TPH-GRO. Soil sample TC(West) contained 120 mg/kg of TPH-DRO and TPH-GRO was not detected. Soil sample TC(East) contained 43 mg/kg of TPH-GRO and 420 mg/kg of TPH-DRO. Upon excavation of 140.94 tons of 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 collected from the sidewalls of the excavation. However, several analytes were detected in the base sample exceeding the soil-to-groundwater MSCCs. These analytes included ethylbenzene, naphthalene, n-propylbenzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, xylenes, and 2-methylnaphthalene. None of the detected analytes exceeded the residential or commercial MSCCs. Further excavation vertically was not practical due to the limited space available for excavation equipment and the presence of the stormwater line located east of the UST.

E. *Ground Water Sampling*

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

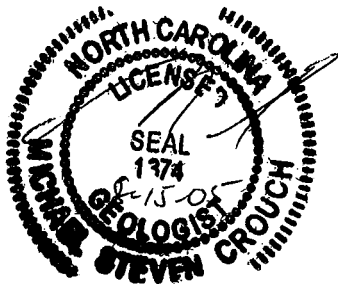
IV. Conclusions

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

One 1,000-gallon orphan UST were removed from the site on July 26, 2005. A visual inspection of the UST indicated it was in good shape, however it was actually two 500-gallon USTs welded together and the integrity of the weld could not be determined. The site is located in downtown Charlotte and is currently being used as a commercial parking lot.

Two closure soil samples were collected directly beneath the UST and analyzed for TPH-GRO and TPH-DRO. These UST closure samples contained detectable concentrations of TPH-DRO and TPH-GRO. Soil sample TC(West) contained 120 mg/kg of TPH-DRO and TPH-GRO was not detected. Soil sample TC(East) contained 43 mg/kg of TPH-GRO and 420 mg/kg of TPH-DRO. Upon excavation of 140.94 tons of 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 collected from the sidewalls of the excavation. However, several analytes were detected in the base sample exceeding the soil-to-groundwater MSCCs. None of the detected analytes exceeded the residential or commercial MSCCs. Further excavation vertically was not practical due to the limited space available for excavation equipment and the presence of the stormwater line located east of the UST.

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. UST Location
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: Tank Disposal Certificate
- Appendix C: Certificate of Acceptance and Manifest - Soil
- Appendix D: Laboratory Data Sheets and Chain-of-Custody Records

Table 1
Summary of Soil Analytical Results - Closure Sampling
531 West 4th Street UST
Charlotte, North Carolina
H&H Job No. ROW-136

Sample ID	TC (West)	TC (East)	NC Action Level
Location	Tank 1		
Date Collected	7/26/2005	7/26/2005	
Depth (ft)	6'	6'	
<i>TPH</i>			
Gasoline Range Organics (GRO)	<5.8	43	10
Diesel Range Organics (DRO)	120	420	10

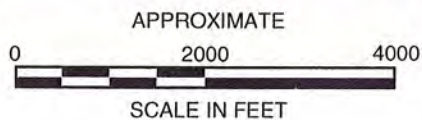
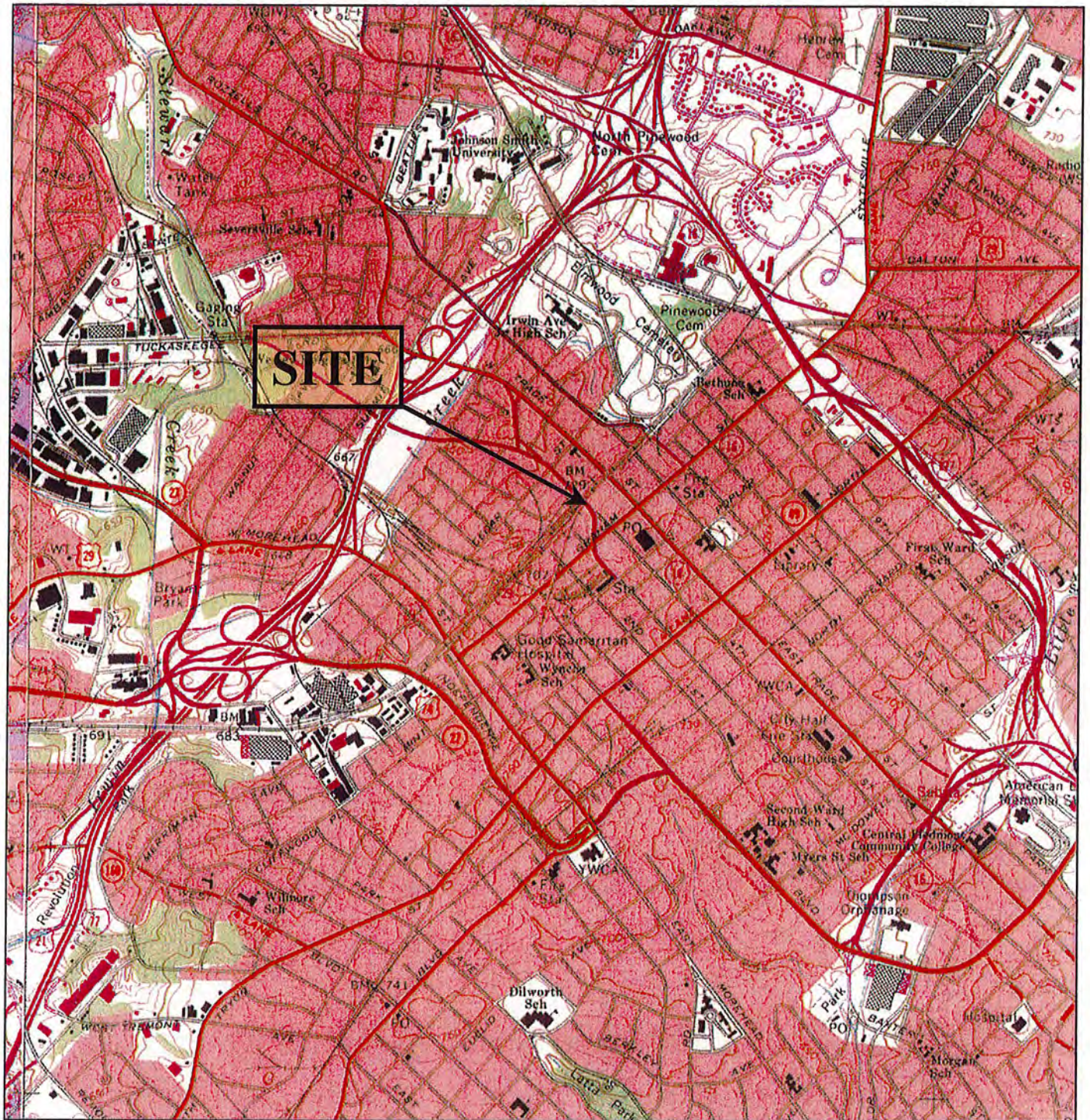
Notes:

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

Table 2
Summary of Soil Analytical Results - Confirmation Sampling
 531 West 4th Street UST
 Charlotte, North Carolina
 H&H Job No. ROW-136

Sample ID	SW (East)		SW (South)		SW (North)		SW (West)		Base (16')		NC Target Levels		
	East Wall	7/26/2005 7'	South Wall	7/27/2005 9'	North Wall	7/27/2005 9'	West Wall	7/27/2005 9'	Base	7/27/2005 16'	Commercial MSCC	Residential MSCC	Soil to GW MSCC
VPHEPH													
VPH C5-C8 Aliphatics	<9.4	<11	<12	<12	<12	<12	<12	<12	240	240	24,528	939	72
VPH C9-C12 Aliphatics	<9.4	<11	<13	<13	<13	<13	<14	<14	270	270	NS	NS	NS
EPH C9-C18 Aliphatics	<12	<13	ND	ND	ND	ND	ND	ND	90	90	NS	NS	NS
Total C9-C18 Aliphatics	ND	ND	<13	<13	<13	<14	<14	<14	360	360	245,280	9,386	3,255
EPH C19-C36 Aliphatics	<12	<13	<11	<12	<12	<12	<14	<14	<12	<12	>100%	93,860	Immobilized
VPH C9-C10 Aromatics	<9.4	<13	<13	<13	<13	<14	<14	<14	130	130	NS	NS	NS
EPH C11-C22 Aromatics	<12	<13	ND	ND	ND	ND	ND	ND	25	25	NS	NS	NS
Total C9-C22 Aromatics	ND	ND	ND	ND	ND	ND	ND	ND	155	155	12,264	469	34
VOCs (8260)													
Acetone	0.110	<0.099	<0.120	<0.120	<0.120	<0.120	<0.160	<0.160	<9.300	<9.300	40,880	1,564	3
Ethylbenzene	<0.0051	<0.0050	<0.0060	<0.0060	<0.0060	<0.0060	<0.0058	<0.0058	7.100	7.100	40,000	1,560	0.24
Isopropylbenzene	<0.0051	<0.0050	<0.0060	<0.0060	<0.0060	<0.0060	<0.0058	<0.0058	1.900	1.900	40,880	1,564	2
p-Isopropyltoluene	<0.0051	<0.0050	<0.0060	<0.0060	<0.0060	<0.0060	<0.0058	<0.0058	0.940	0.940	NS	NS	NS
Naphthalene	<0.0051	<0.0050	<0.0060	<0.0060	<0.0060	<0.0060	<0.0058	<0.0058	9.300	9.300	1,635	63	0.58
n-Propylbenzene	<0.0051	<0.0050	<0.0060	<0.0060	<0.0060	<0.0060	<0.0058	<0.0058	4.400	4.400	4,088	156	2
1,2,4-Trimethylbenzene	<0.0051	<0.0048	<0.0060	<0.0060	<0.0060	<0.0060	<0.0058	<0.0058	28,000	28,000	20,440	782	8
1,3,5-Trimethylbenzene	<0.0051	<0.0048	<0.0060	<0.0060	<0.0060	<0.0060	<0.0058	<0.0058	8,000	8,000	20,440	782	7
Total Xylenes	<0.0051	<0.0048	<0.0060	<0.0060	<0.0060	<0.0060	<0.0058	<0.0058	9.100	9.100	200,000	32,000	5
SVOCs (8270)													
2-Methylnaphthalene	<0.410	<0.420	<0.410	<0.410	<0.410	<0.410	<0.460	<0.460	2.300	2.300	1,635	63	3
Naphthalene	<0.410	<0.420	<0.410	<0.410	<0.410	<0.410	<0.460	<0.460	1.600	1.600	1,635	63	0.58


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.



U.S.G.S. QUADRANGLE MAP

**CHARLOTTE EAST, NC 1967
REVISED/INSPECTED 1988**


QUADRANGLE
7.5 MINUTE SERIES (TOPOGRAPHIC)

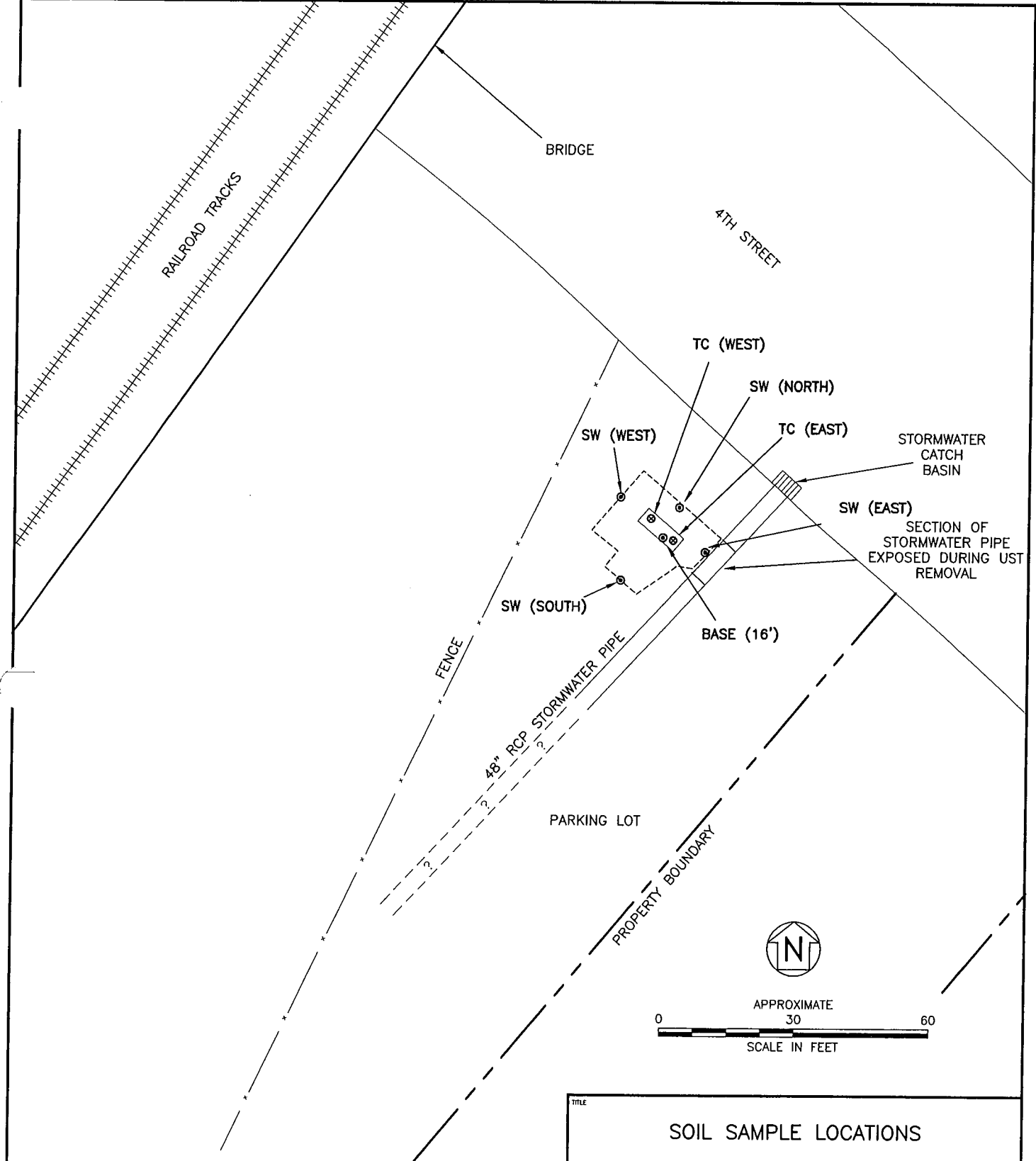
TITLE	SITE LOCATION MAP	
PROJECT	531 WEST 4 th STREET ORPHAN UST CHARLOTTE, NORTH CAROLINA	
 2923 South Tryon Street-Suite 100 Charlotte, North Carolina 28203 A PROFESSIONAL CORPORATION 704-586-0007 (p) 704-586-0373 (f)		
DATE:	8-9-05	REVISION NO: 0
JOB NO:	ROW-136	FIGURE NO: 1



SEE FIGURE 3 FOR DETAIL OF UST AREA AND SAMPLING LOCATIONS

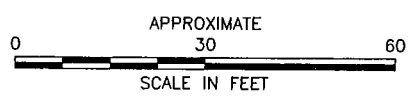



TITLE	UST LOCATION	
PROJECT	531 WEST 4 th STREET ORPHAN UST CHARLOTTE, NORTH CAROLINA	
 Hart & Hickman <small>A PROFESSIONAL CORPORATION</small>		
<small>2923 South Tryon Street-Suite 100 Charlotte, North Carolina 28203 704-586-0007 (p) 704-586-0373 (f)</small>		
DATE:	8-9-05	REVISION NO: 0
JOB NO:	ROW-136	FIGURE NO: 2



LEGEND

- ⊙ CLOSURE SAMPLE
- ⊙ CONFIRMATION SAMPLE
- ▭ FORMER UST
- EXTENT OF EXCAVATION



TITLE SOIL SAMPLE LOCATIONS	
PROJECT 551 WEST 4th STREET ORPHAN UST CHARLOTTE, NORTH CAROLINA	
 2923 South Tryon Street-Suite 100 Charlotte, North Carolina 28203 704-586-0007(p) 704-586-0373(f)	
DATE: 8-15-05	REVISION NO. 0
JOB NO: ROW-136	FIGURE NO. 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

Diphen UST on NC DOT Property
 Owner Name (Corporation, Individual, Public Agency, or Other Entity)
1588 Mail Service Center
 Street Address
Raleigh Wake
 City County
NC 27699
 State Zip Code
415 250-4088
 Area Code Phone Number

II. LOCATION OF TANKS

531 W. 4th St Diphen UST
 Facility Name or Company
NA
 Facility ID # (if known)
531 W 4th St
 Street Address
Charlotte Mecklenburg
 City County
NA
 Area Code Phone Number

III. CONTACT PERSONNEL

Name Cyrus Becka (DOT) Job Title Project Manager Tel. No. 919-250-4088
 Closure Contractor Soil Solutions Address 1703 Voggenre St Winston-Salem Tel. No. 336-725-5844
 Primary Consultant Hort & Hickman Address 2023 S. Tryon St Charlotte NC 28203 Tel. No. 704-586-0007
 Lab Pacc Analytical Address 9800 Kincaid Ave Huntersville NC Tel. No. 704-875-9092

IV. UST INFORMATION

V. EXCAVATION CONDITION

VI. ADDITIONAL INFORMATION

Tank No.	Size in Gallons	Tank Dimensions	Last Contents	Water in excavation		Free product		Notable odor or visible soil contamination	
				Yes	No	Yes	No	Yes	No
1	4,000	48" x 120"	Heating Oil		X		X	X	

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: July 26, 2005

Date of Change in-service: July 26, 2005

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

Niel Crouch, Project Manager or agent for DOT



8-15-05

Appendix B
Tank Disposal Certificate



SOIL SOLUTIONS

TANK DISPOSAL CERTIFICATE

Tank Owner: NC DOT (*Orphan UST on NC DOT property*)

Site Address: 531 West 4th Street
Charlotte, NC

Tank Description:

<u>Tank Number</u>	<u>Size of Tank</u>	<u>Contents</u>
1	1,000 Gallons	Gasoline <i>or Heating Oil</i>

Transporter: Soil Solutions, Inc.

SSI Project #: 070508

Disposal Certification:

Soil Solutions, Inc. does hereby certify that the above named storage tank was transported to Atlantic Scrap and Processing in Winston-Salem, NC for proper disposal and recycling.

A handwritten signature in black ink, appearing to read 'Thomas W. Hammett', written over a horizontal line.

Signature

Thomas W. Hammett
Vice President
Soil Solutions, Inc.



Appendix C

Certificate of Acceptance and Manifest - Soil



SOIL SOLUTIONS

CERTIFICATE OF DISPOSAL

Soil Solutions, Inc. does hereby certify that 140.94 tons of non-hazardous contaminated material received on 07/26/2005 and 07/27/2005 from:

Generator: NC DOT

Originating at: 531 West 4th Street
Charlotte, NC

SSI Waste ID #: 070508

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

Signature

Thomas W. Hammett
Vice President
Soil Solutions, Inc.



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

Date 7/27/05 Non-Hazardous Waste Manifest # 17452
Load Number _____
(numbered sequentially as trucks are dispatched)

ENVIRONMENTAL CONSULTANT:

Contact: _____ Phone: _____ Fax: _____

GENERATOR: Soil Solutions - NC DOT

Address: 1703 VARGRAVE ST, WINSTON-SALEM NC County: Meck

Contact: Tony Disher Phone: 336-725-5844

WASTE ORIGINATION POINT: Complete Address: 4th & Graham St (NC DOT)
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 / Randolph

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: Mannon Rance Date: 7/27/05

TRUCK #: SS101 TAG #: _____ VOLUME: 46860
24000
22860-11.43

TRUCK DRIVER SIGNATURE: Mannon Rance DATE: 7/27/05

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 Tower Date: 7/27/05

Signature: William Brown Date: 7/27/05

Company Name _____ Title: _____

White/Facility

Canary/Invoice

Pink/Carrier

Goldenrod/Generator

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

Date 7/27/05 Non-Hazardous Waste Manifest # 17451
Load Number _____
(numbered sequentially as trucks are dispatched)

ENVIRONMENTAL CONSULTANT: _____

Contact: _____ Phone: _____ Fax: _____

GENERATOR: Soil Solutions - NC DOT

Address: 1708 VARGRAVES St, Winston Salem, NC County: Meck

Contact: Ray Disher Phone: 336-725-5844

WASTE ORIGINATION POINT: Complete Address: 4th & Graham (NC DOT)
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 / Randolph

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: Jim L Myers Date: 7/27/05

TRUCK #: SS-201 TAG #: _____ VOLUME: 79260
32500
45760 - 22.88

TRUCK DRIVER SIGNATURE: Jim L Myers DATE: 7/27/05

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 State of North Carolina.

Facility Signature: ESI - Ray Jowers Date: 7/27/05

Signature: William Brown Date: 7/27/05

Company Name _____ Title: _____

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

Date 7/27/05 Non-Hazardous Waste Manifest # 17456
Load Number _____
(numbered sequentially as trucks are dispatched)

ENVIRONMENTAL CONSULTANT: _____

Contact: _____ Phone: _____ Fax: _____

GENERATOR: Soil Solutions - NC DOT

Address: 1703 Bargrave St, Winston-Salem, NC County: Meck

Contact: Tony Disher Phone: 336-725-5844

WASTE ORIGINATION POINT: Complete Address: 4th & Graham (NC DOT)
Charlotte, NC

Class & Type of Contaminant 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 / Randolph

Contact: Tony Disher Phone: 336-725-5844

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: 7/27/05

TRUCK #: 43 TAG #: _____ VOLUME: 61020
22900
38120 - 19.06

TRUCK DRIVER SIGNATURE: _____ DATE: 7/27/05

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 State of North Carolina.

Facility Signature: EST Ray Jowery Date: 7/27/05

Signature: William Brown Date: 7/27/05

Company Name _____ Title: _____

White/Facility

Canary/Invoice

Pink/Carrier

Goldenrod/Generator

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

Date 7/27/05 Non-Hazardous Waste Manifest # 17453
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: MECK

Contact: Tony Disher Phone: 336-725-5844

WASTE ORIGINATION POINT: Complete Address: 4th Graham (NC DOT)
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 / Randolph

Contact: Tony Disher Phone: 336-725-5844

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: Alex Bridges Jr Date: 7/27/05

TRUCK #: 18 TAG #: _____ VOLUME: 62560 83

TRUCK DRIVER SIGNATURE: Alex Bridges Jr DATE: 7/27/05

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 State of North Carolina.

Facility Signature: ESI - Ray Towery Date: 7/27/05

Signature: William Brown Date: 7/27/05

Company Name _____ Title: _____

White/Facility

Canary/Invoice

Pink/Carrier

Goldenrod/Generator

ENVIRONMENTAL SOILS, INC.

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

Job Name: Environmental Soil

Truck# Randolph 18

62560 1b 6 07-27-05 01:37

Gross Wgt.: _____

Tare Wgt: 22900

Net Wgt.: _____

Tons: _____

Weighed by: Alex Bridges

ENVIRONMENTAL SOILS, INC.

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

Job Name: _____

Truck# 43

61020 1b 6 07-27-05 01:37

Gross Wgt.: _____

Tare Wgt: 22900

Net Wgt.: 38120

Tons: 1906

Weighed by: VB

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

46860 1b 6 07-26-05 23:12

Gross Wgt.: _____

Tare Wgt: 24000

Net Wgt.: 22860

Tons: 11.43

Weighed by: VB

ENVIRONMENTAL SOILS, INC.

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

Job Name: 070508

Truck# 55201

78260 1b 6 07-27-05 01:18

Gross Wgt.: _____

Tare Wgt: 32500

Net Wgt.: _____

Tons: _____

Weighed by: VB

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

Date 7/27/05 Non-Hazardous Waste Manifest # 17449
Load Number _____
(numbered sequentially as trucks are dispatched)

ENVIRONMENTAL CONSULTANT: _____

Contact: _____ Phone: _____ Fax: _____

GENERATOR: Soil Solutions - NC DOT

Address: 1703 VARGRAVE ST, WINSTON-SALEM, NC County: MECK

Contact: TONY Phone: 336-725-5844

WASTE ORIGINATION POINT: Complete Address: 4th graham st Charlotte, (NC DOT)

Class & Type of Contaminant 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 Phone: 336-725-5844

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: Alex Bridges Jr Date: 7/27/05
55660
22800

TRUCK #: #18 TAG #: _____ VOLUME: 32760 = 16.38

TRUCK DRIVER SIGNATURE: Alex Bridges Jr DATE: 7/27/05

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 State of North Carolina.

Facility Signature: EST - Ray Jowers Date: 7/27/05

Signature: William Brown Date: 7/27/05

Company Name _____ Title: _____

White/Facility

Canary/Invoice

Pink/Carrier

Goldenrod/Generator

Environmental Soils Inc.

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

Date 7/27/05 Non-Hazardous Waste Manifest # 17448
Load Number _____
(numbered sequentially as trucks are dispatched)

ENVIRONMENTAL CONSULTANT: _____

Contact: _____ Phone: _____ Fax: _____

GENERATOR: Soil Solutions - NC DOT

Address: 1703 Wargrave St, Winston-Salem, NC County: Meck

Contact: Tony Phone: 336-725-5844

WASTE ORIGINATION POINT: Complete Address: 4th Graham (NC DOT)
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 Dasher Phone: 336-725-5844

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: Luiz Myers Date: 7/27/05

TRUCK #: SS 201 TAG #: _____ VOLUME: 32500
34340-17.17

TRUCK DRIVER SIGNATURE: Luiz Myers DATE: 7/27/05

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: 7/27/05

Signature: William Brown Date: 7/27/05

Company Name _____ Title: _____

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

Date 7/27/05 Non-Hazardous Waste Manifest # 17450
Load Number _____
(numbered sequentially as trucks are dispatched)

ENVIRONMENTAL CONSULTANT: _____

Contact: _____ Phone: _____ Fax: _____

GENERATOR: Soil Solutions

Address: 1703 Vargrave St, Winston-Salem, NC County: Wake

Contact: TONY Phone: 336-725-5844

WASTE ORIGINATION POINT: Complete Address: 4th Graham CNE DOT
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 Phone: 336-725-5844

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: 7/27/05

TRUCK #: # 43 TAG #: _____ VOLUME: 62100
22000
39200 = 19.61

TRUCK DRIVER SIGNATURE: _____ DATE: 7/27/05

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 State of North Carolina.

Facility Signature: EST- RAY Tower Date: 7/27/05

Signature: William Brown Date: 7/27/05

Company Name _____ Title: _____

White/Facility

Canary/Invoice

Pink/Carrier

Goldenrod/Generator

Environmental Soils Inc.

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

Date 7/26/05 Non-Hazardous Waste Manifest # 17447
Load Number _____
(numbered sequentially as trucks are dispatched)

ENVIRONMENTAL CONSULTANT:

Contact: _____ Phone: _____ Fax: _____

GENERATOR: Soil Solutions - NC DOT

Address: _____ County: _____

Contact: _____ Phone: _____

WASTE ORIGINATION POINT: Complete Address: 4th GRAHAM (NC DOT)
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 Rouse Date: 07/26/05

TRUCK #: SS101 TAG #: _____ VOLUME: 53160
24000
29160-14.58

TRUCK DRIVER SIGNATURE: Shannon Rouse DATE: 07/26/05

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 State of North Carolina.

Facility Signature: EST - RAY Towery Date: 7/26/05

Signature: William Brown Date: 7/26/05

Company Name _____ Title: _____

White/Facility

Canary/Invoice

Pink/Carrier

Goldenrod/Generator

ENVIRONMENTAL SOILS, INC.

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

Job Name: _____

Truck# 413

Gross Wgt.: _____

62120 1b 6 07-26-05 21:54

Tare Wgt: 22900

Net Wgt.: _____

Tons: 19.61

Weighed by: [Signature]

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.: _____

53160 1b 6 07-26-05 04:15

Tare Wgt: 24000

Net Wgt.: 29160

Tons: 14.58

Weighed by: [Signature]

ENVIRONMENTAL SOILS, INC.

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

Job Name: 070508 Charlotte

Truck# 55201

Gross Wgt.: _____

66840 1b 6 07-26-05 21:20

Tare Wgt: 32500

Net Wgt.: _____

Tons: _____

Weighed by: [Signature]

ENVIRONMENTAL SOILS, INC.

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

Job Name: Environment Soil

Truck# 18 Randolph Inc

Gross Wgt.: _____

55660 1b 6 07-26-05 21:55

Tare Wgt: 22900

Net Wgt.: _____

Tons: _____

Weighed by: [Signature]

Appendix D
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: 9299713
Client Project ID: ROW-136/WBS#32179

Dear Mr. Crouch:

Enclosed are the analytical results for sample(s) received by the laboratory on July 28, 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@pacelabs.com
Project Manager

Enclosures

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.



Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627



Pace Analytical Services, Inc.
 9800 Kinsey 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: 9299713
 Client Project ID: ROW-136/WBS#32179

Solid results are reported on a dry weight basis

Lab Sample No: 925915514 Project Sample Number: 9299713-001 Date Collected: 07/26/05 14:15
 Client Sample ID: TC (WEST) Matrix: Soil Date Received: 07/28/05 12:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Wet Chemistry									
Percent Moisture	Method: % Moisture								
Percent Moisture	20.8	%		1.0	07/28/05 16:00	TNS			
GC Semivolatiles									
TPH in Soil by 3545/8015	Prep/Method: EPA 3545 / EPA 8015								
Diesel Fuel	120	mg/kg	6.3	1.3	08/04/05 23:25	KBS	68334-30-5		
n-Pentacosane (S)	94	%		1.0	08/04/05 23:25	KBS	629-99-2		
Date Extracted	08/03/05				08/03/05				
GC Volatiles									
GAS, Soil, North Carolina	Method: EPA 8015								
Gasoline	ND	mg/kg	5.8	1.2	08/03/05 23:52	DHW			
4-Bromofluorobenzene (S)	88	%		1.0	08/03/05 23:52	DHW	460-00-4		

Date: 08/11/05

Page: 1 of 53

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

REPORT OF LABORATORY ANALYSIS

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 without the written consent of Pace Analytical Services, Inc.



Charlotte Certification IDs
 NC Wastewater 12
 NC Drinking Water 37706
 SC 99006
 FL NELAP E87627



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

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

Lab Project Number: 9299713
 Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925915522 Project Sample Number: 9299713-002 Date Collected: 07/26/05 14:30
 Client Sample ID: TC (EAST) Matrix: Soil Date Received: 07/28/05 12:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
Wet Chemistry									
Percent Moisture	Method: % Moisture								
Percent Moisture	20.1	%			1.0	07/28/05 16:01	TNS		
GC Semivolatiles									
TPH in Soil by 3545/8015	Prep/Method: EPA 3545 / EPA 8015								
Diesel Fuel	420	mg/kg	6.3		1.2	08/04/05 18:47	KBS 68334-30-5		
n-Pentacosane (S)	58	%			1.0	08/04/05 18:47	KBS 629-99-2		
Date Extracted	08/03/05					08/03/05			
GC Volatiles									
GAS, Soil, North Carolina	Method: EPA 8015								
Gasoline	43.	mg/kg	7.0		1.4	08/04/05 00:22	DHW		
4-Bromofluorobenzene (S)	190	%			1.0	08/04/05 00:22	DHW 460-00-4	1	

Date: 08/11/05

Page: 2 of 53

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, Inc.



Charlotte Certification IDs
 NC Wastewater 12
 NC Drinking Water 37706
 SC 99006
 FL NELAP E87627

Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925915530 Project Sample Number: 9299713-003 Date Collected: 07/26/05 16:15
Client Sample ID: SW (EAST) Matrix: Soil Date Received: 07/28/05 12:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
------------	---------	-------	--------------	----	----------	----	---------	------	--------

Wet Chemistry

Percent Moisture	Method: % Moisture								
Percent Moisture	19.8	%		1.0	07/28/05	16:01	TNS		

GC/MS Semivolatiles

Semivolatile Organics	Prep/Method: EPA 3545 / EPA 8270	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
Acenaphthene	ND	ug/kg	410	1.2	08/01/05	22:42	BET	83-32-9		
Acenaphthylene	ND	ug/kg	410	1.2	08/01/05	22:42	BET	208-96-8		
Anthracene	ND	ug/kg	410	1.2	08/01/05	22:42	BET	120-12-7		
Benzo (k) fluoranthene	ND	ug/kg	410	1.2	08/01/05	22:42	BET	207-08-9		
Benzo (b) fluoranthene	ND	ug/kg	410	1.2	08/01/05	22:42	BET	205-99-2		
Benzo (a) anthracene	ND	ug/kg	410	1.2	08/01/05	22:42	BET	56-55-3		
Benzoic acid	ND	ug/kg	2100	1.2	08/01/05	22:42	BET	65-85-0		
Benzo (g,h,i) perylene	ND	ug/kg	410	1.2	08/01/05	22:42	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	820	1.2	08/01/05	22:42	BET	100-51-6		
Benzo (a) pyrene	ND	ug/kg	410	1.2	08/01/05	22:42	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	410	1.2	08/01/05	22:42	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	410	1.2	08/01/05	22:42	BET	85-68-7		
1-Chloro-3-methylphenol	ND	ug/kg	820	1.2	08/01/05	22:42	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	820	1.2	08/01/05	22:42	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	410	1.2	08/01/05	22:42	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	410	1.2	08/01/05	22:42	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	410	1.2	08/01/05	22:42	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	410	1.2	08/01/05	22:42	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	410	1.2	08/01/05	22:42	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	410	1.2	08/01/05	22:42	BET	7005-72-3		
Chrysene	ND	ug/kg	410	1.2	08/01/05	22:42	BET	218-01-9		
Dibenz (a,h) anthracene	ND	ug/kg	410	1.2	08/01/05	22:42	BET	53-70-3		
Dibenzofuran	ND	ug/kg	410	1.2	08/01/05	22:42	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	410	1.2	08/01/05	22:42	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	410	1.2	08/01/05	22:42	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	410	1.2	08/01/05	22:42	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	820	1.2	08/01/05	22:42	BET	91-94-1		
2,4-Dichlorophenol	ND	ug/kg	410	1.2	08/01/05	22:42	BET	120-83-2		
Diethylphthalate	ND	ug/kg	410	1.2	08/01/05	22:42	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	410	1.2	08/01/05	22:42	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	410	1.2	08/01/05	22:42	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	410	1.2	08/01/05	22:42	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	410	1.2	08/01/05	22:42	BET	534-52-1		

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Charlotte Certification IDs
NC Wastewater 12
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SC 99006
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Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925915530 Project Sample Number: 9299713-003 Date Collected: 07/26/05 16:15
Client Sample ID: SW (EAST) Matrix: Soil Date Received: 07/28/05 12:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
2,4-Dinitrophenol	ND	ug/kg	2100	1.2	08/01/05 22:42	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	410	1.2	08/01/05 22:42	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	410	1.2	08/01/05 22:42	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	410	1.2	08/01/05 22:42	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	410	1.2	08/01/05 22:42	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	410	1.2	08/01/05 22:42	BET	117-81-7		
Fluoranthene	ND	ug/kg	410	1.2	08/01/05 22:42	BET	206-44-0		
Fluorene	ND	ug/kg	410	1.2	08/01/05 22:42	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	410	1.2	08/01/05 22:42	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	410	1.2	08/01/05 22:42	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	410	1.2	08/01/05 22:42	BET	77-47-4		
Hexachloroethane	ND	ug/kg	410	1.2	08/01/05 22:42	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	410	1.2	08/01/05 22:42	BET	193-39-5		
Isophorone	ND	ug/kg	410	1.2	08/01/05 22:42	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	410	1.2	08/01/05 22:42	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	410	1.2	08/01/05 22:42	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	410	1.2	08/01/05 22:42	BET			
Naphthalene	ND	ug/kg	410	1.2	08/01/05 22:42	BET	91-20-3		
1-Nitroaniline	ND	ug/kg	2100	1.2	08/01/05 22:42	BET	88-74-4		
2-Nitroaniline	ND	ug/kg	2100	1.2	08/01/05 22:42	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	2100	1.2	08/01/05 22:42	BET	100-01-6		
Nitrobenzene	ND	ug/kg	410	1.2	08/01/05 22:42	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	410	1.2	08/01/05 22:42	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	2100	1.2	08/01/05 22:42	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	410	1.2	08/01/05 22:42	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	410	1.2	08/01/05 22:42	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	2100	1.2	08/01/05 22:42	BET	87-86-5		
Phenanthrene	ND	ug/kg	410	1.2	08/01/05 22:42	BET	85-01-8		
Phenol	ND	ug/kg	410	1.2	08/01/05 22:42	BET	108-95-2		
Pyrene	ND	ug/kg	410	1.2	08/01/05 22:42	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	410	1.2	08/01/05 22:42	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	410	1.2	08/01/05 22:42	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	410	1.2	08/01/05 22:42	BET	88-06-2		
Nitrobenzene-d5 (S)	52	%		1.0	08/01/05 22:42	BET	4165-60-0		
2-Fluorobiphenyl (S)	49	%		1.0	08/01/05 22:42	BET	321-60-8		
Terphenyl-d14 (S)	70	%		1.0	08/01/05 22:42	BET	1718-51-0		
Phenol-d5 (S)	47	%		1.0	08/01/05 22:42	BET	4165-62-2		
2-Fluorophenol (S)	37	%		1.0	08/01/05 22:42	BET	367-12-4		
2,4,6-Tribromophenol (S)	42	%		1.0	08/01/05 22:42	BET	118-79-6		

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Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925915530 Project Sample Number: 9299713-003 Date Collected: 07/26/05 16:15
Client Sample ID: SW (EAST) Matrix: Soil Date Received: 07/28/05 12:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Date Extracted	07/29/05				07/29/05				

GC Semivolatiles

EPH in Soil by Mass. Method	Prep/Method: EPA 3550 / EPH	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Aliphatic (C09-C18)		ND	mg/kg	12.		08/01/05 23:12	KBS			
Aliphatic (C19-C36)		ND	mg/kg	12.		08/01/05 23:12	KBS			
Aromatic (C11-22)		ND	mg/kg	12.		08/01/05 23:12	KBS			
2-Fluorobiphenyl (S)		89	%			08/01/05 23:12	KBS	321-60-8		
2-Bromonaphthalene (S)		86	%			08/01/05 23:12	KBS	580-13-2		
Nonatriacontane (S)		72	%			08/01/05 23:12	KBS	7194-86-7		
o-Terphenyl (S)		63	%			08/01/05 23:12	KBS	84-15-1		
Date Extracted		07/29/05				07/29/05				

GC Volatiles

VPH in Soil by Mass. Method	Method: VPH	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Aliphatic (C05-C08)		ND	mg/kg	9.4		07/30/05 00:29	DHW			
Aliphatic (C09-C12)		ND	mg/kg	9.4		07/30/05 00:29	DHW			
Aromatic (C09-C10)		ND	mg/kg	9.4		07/30/05 00:29	DHW			
1,5-Dibromotoluene (FID) (S)		78	%			07/30/05 00:29	DHW			
1,5-Dibromotoluene (PID) (S)		88	%			07/30/05 00:29	DHW			

GC/MS Volatiles

GC/MS VOCs 5035/8260 low level	Method: EPA 8260	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Acetone		110	ug/kg	100		08/07/05 15:26	DLK	67-64-1		
Benzene		ND	ug/kg	5.1		08/07/05 15:26	DLK	71-43-2		
Bromobenzene		ND	ug/kg	5.1		08/07/05 15:26	DLK	108-86-1		
Bromochloromethane		ND	ug/kg	5.1		08/07/05 15:26	DLK	74-97-5		
Bromodichloromethane		ND	ug/kg	5.1		08/07/05 15:26	DLK	75-27-4		
Bromoform		ND	ug/kg	5.1		08/07/05 15:26	DLK	75-25-2		
Bromomethane		ND	ug/kg	10.		08/07/05 15:26	DLK	74-83-9		
2-Butanone (MEK)		ND	ug/kg	100		08/07/05 15:26	DLK	78-93-3		
n-Butylbenzene		ND	ug/kg	5.1		08/07/05 15:26	DLK	104-51-8		
sec-Butylbenzene		ND	ug/kg	5.1		08/07/05 15:26	DLK	135-98-8		
tert-Butylbenzene		ND	ug/kg	5.1		08/07/05 15:26	DLK	98-06-6		
Carbon tetrachloride		ND	ug/kg	5.1		08/07/05 15:26	DLK	56-23-5		
Chlorobenzene		ND	ug/kg	5.1		08/07/05 15:26	DLK	108-90-7		
Chloroethane		ND	ug/kg	10.		08/07/05 15:26	DLK	75-00-3		
Chloroform		ND	ug/kg	5.1		08/07/05 15:26	DLK	67-66-3		
Chloromethane		ND	ug/kg	10.		08/07/05 15:26	DLK	74-87-3		

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Charlotte Certification IDs
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SC 99006
FL NELAP E87627

Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925915530 Project Sample Number: 9299713-003 Date Collected: 07/26/05 16:15
Client Sample ID: SW (EAST) Matrix: Sol1 Date Received: 07/28/05 12:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
2-Chlorotoluene	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	106-93-4		
Dibromomethane	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	10.	1.0	08/07/05 15:26	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	87-68-3		
2-Hexanone	ND	ug/kg	51.	1.0	08/07/05 15:26	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	99-87-6		
Methylene chloride	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	51.	1.0	08/07/05 15:26	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	103-65-1		
Styrene	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	127-18-4		
Toluene	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	120-82-1		

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Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925915530 Project Sample Number: 9299713-003 Date Collected: 07/26/05 16:15
Client Sample ID: SW (EAST) Matrix: Soil Date Received: 07/28/05 12:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
1,1,1-Trichloroethane	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	51.	1.0	08/07/05 15:26	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	10.	1.0	08/07/05 15:26	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	10.	1.0	08/07/05 15:26	DLK			
o-Xylene	ND	ug/kg	5.1	1.0	08/07/05 15:26	DLK	95-47-6		
Toluene-d8 (S)	102	%		1.0	08/07/05 15:26	DLK	2037-26-5		
4-Bromofluorobenzene (S)	100	%		1.0	08/07/05 15:26	DLK	460-00-4		
Dibromofluoromethane (S)	88	%		1.0	08/07/05 15:26	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	87	%		1.0	08/07/05 15:26	DLK	17060-07-0		

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Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925915555 Project Sample Number: 9299713-004 Date Collected: 07/27/05 10:00
Client Sample ID: SW (SOUTH) Matrix: Soil Date Received: 07/28/05 12:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
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Wet Chemistry

Percent Moisture	Method: % Moisture								
Percent Moisture	21.0	%		1.0	07/28/05	16:01	TNS		

GC/MS Semivolatiles

Semivolatile Organics	Prep/Method: EPA 3545 / EPA 8270	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Acenaphthene	ND	ug/kg	420	1.3	08/01/05	23:17	BET	83-32-9		
Acenaphthylene	ND	ug/kg	420	1.3	08/01/05	23:17	BET	208-96-8		
Anthracene	ND	ug/kg	420	1.3	08/01/05	23:17	BET	120-12-7		
Benzo (k) fluoranthene	ND	ug/kg	420	1.3	08/01/05	23:17	BET	207-08-9		
Benzo (b) fluoranthene	ND	ug/kg	420	1.3	08/01/05	23:17	BET	205-99-2		
Benzo (a) anthracene	ND	ug/kg	420	1.3	08/01/05	23:17	BET	56-55-3		
Benzoic acid	ND	ug/kg	2100	1.3	08/01/05	23:17	BET	65-85-0		
Benzo (g,h,i) perylene	ND	ug/kg	420	1.3	08/01/05	23:17	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	840	1.3	08/01/05	23:17	BET	100-51-6		
Benzo (a) pyrene	ND	ug/kg	420	1.3	08/01/05	23:17	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	420	1.3	08/01/05	23:17	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	420	1.3	08/01/05	23:17	BET	85-68-7		
2-Chloro-3-methylphenol	ND	ug/kg	840	1.3	08/01/05	23:17	BET	59-50-7		
2-Chloroaniline	ND	ug/kg	840	1.3	08/01/05	23:17	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	420	1.3	08/01/05	23:17	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	420	1.3	08/01/05	23:17	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	420	1.3	08/01/05	23:17	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	420	1.3	08/01/05	23:17	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	420	1.3	08/01/05	23:17	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	420	1.3	08/01/05	23:17	BET	7005-72-3		
Chrysene	ND	ug/kg	420	1.3	08/01/05	23:17	BET	218-01-9		
Dibenz (a,h) anthracene	ND	ug/kg	420	1.3	08/01/05	23:17	BET	53-70-3		
Dibenzofuran	ND	ug/kg	420	1.3	08/01/05	23:17	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	420	1.3	08/01/05	23:17	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	420	1.3	08/01/05	23:17	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	420	1.3	08/01/05	23:17	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	840	1.3	08/01/05	23:17	BET	91-94-1		
2,4-Dichlorophenol	ND	ug/kg	420	1.3	08/01/05	23:17	BET	120-83-2		
Diethylphthalate	ND	ug/kg	420	1.3	08/01/05	23:17	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	420	1.3	08/01/05	23:17	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	420	1.3	08/01/05	23:17	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	420	1.3	08/01/05	23:17	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	420	1.3	08/01/05	23:17	BET	534-52-1		

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Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925915555 Project Sample Number: 9299713-004 Date Collected: 07/27/05 10:00
Client Sample ID: SW (SOUTH) Matrix: Soil Date Received: 07/28/05 12:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
2,4-Dinitrophenol	ND	ug/kg	2100	1.3	08/01/05 23:17	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	420	1.3	08/01/05 23:17	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	420	1.3	08/01/05 23:17	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	420	1.3	08/01/05 23:17	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	420	1.3	08/01/05 23:17	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	420	1.3	08/01/05 23:17	BET	117-81-7		
Fluoranthene	ND	ug/kg	420	1.3	08/01/05 23:17	BET	206-44-0		
Fluorene	ND	ug/kg	420	1.3	08/01/05 23:17	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	420	1.3	08/01/05 23:17	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	420	1.3	08/01/05 23:17	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	420	1.3	08/01/05 23:17	BET	77-47-4		
Hexachloroethane	ND	ug/kg	420	1.3	08/01/05 23:17	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	420	1.3	08/01/05 23:17	BET	193-39-5		
Isophorone	ND	ug/kg	420	1.3	08/01/05 23:17	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	420	1.3	08/01/05 23:17	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	420	1.3	08/01/05 23:17	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	420	1.3	08/01/05 23:17	BET			
Naphthalene	ND	ug/kg	420	1.3	08/01/05 23:17	BET	91-20-3		
o-Nitroaniline	ND	ug/kg	2100	1.3	08/01/05 23:17	BET	88-74-4		
m-Nitroaniline	ND	ug/kg	2100	1.3	08/01/05 23:17	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	2100	1.3	08/01/05 23:17	BET	100-01-6		
Nitrobenzene	ND	ug/kg	420	1.3	08/01/05 23:17	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	420	1.3	08/01/05 23:17	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	2100	1.3	08/01/05 23:17	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	420	1.3	08/01/05 23:17	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	420	1.3	08/01/05 23:17	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	2100	1.3	08/01/05 23:17	BET	87-86-5		
Phenanthrene	ND	ug/kg	420	1.3	08/01/05 23:17	BET	85-01-8		
Phenol	ND	ug/kg	420	1.3	08/01/05 23:17	BET	108-95-2		
Pyrene	ND	ug/kg	420	1.3	08/01/05 23:17	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	420	1.3	08/01/05 23:17	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	420	1.3	08/01/05 23:17	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	420	1.3	08/01/05 23:17	BET	88-06-2		
Nitrobenzene-d5 (S)	56	%		1.0	08/01/05 23:17	BET	4165-60-0		
2-Fluorobiphenyl (S)	52	%		1.0	08/01/05 23:17	BET	321-60-8		
Terphenyl-d14 (S)	62	%		1.0	08/01/05 23:17	BET	1718-51-0		
Phenol-d5 (S)	48	%		1.0	08/01/05 23:17	BET	4165-62-2		
2-Fluorophenol (S)	37	%		1.0	08/01/05 23:17	BET	367-12-4		
2,4,6-Tribromophenol (S)	28	%		1.0	08/01/05 23:17	BET	118-79-6		

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Lab Project Number: 9299713
 Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925915555 Project Sample Number: 9299713-004 Date Collected: 07/27/05 10:00
 Client Sample ID: SW (SOUTH) Matrix: Soil Date Received: 07/28/05 12:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Date Extracted	07/29/05				07/29/05				

GC Semivolatiles

EPH in Soil by Mass. Method	Prep/Method: EPA 3550 / EPH	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Aliphatic (C09-C18)		ND	mg/kg	13.		1.3 08/01/05 23:55	KBS			
Aliphatic (C19-C36)		ND	mg/kg	13.		1.3 08/01/05 23:55	KBS			
Aromatic (C11-22)		ND	mg/kg	13.		1.3 08/01/05 23:55	KBS			
2-Fluorobiphenyl (S)		89	%			1.0 08/01/05 23:55	KBS	321-60-8		
2-Bromonaphthalene (S)		94	%			1.0 08/01/05 23:55	KBS	580-13-2		
Nonatriacontane (S)		68	%			1.0 08/01/05 23:55	KBS	7194-86-7		
o-Terphenyl (S)		67	%			1.0 08/01/05 23:55	KBS	84-15-1		
Date Extracted	07/29/05					07/29/05				

GC Volatiles

VPH in Soil by Mass. Method	Method: VPH	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Aliphatic (C05-C08)		ND	mg/kg	11.		1.1 07/30/05 01:13	DHW			
Aliphatic (C09-C12)		ND	mg/kg	11.		1.1 07/30/05 01:13	DHW			
Aromatic (C09-C10)		ND	mg/kg	11.		1.1 07/30/05 01:13	DHW			
1,5-Dibromotoluene (FID) (S)		81	%			1.0 07/30/05 01:13	DHW			
1,5-Dibromotoluene (PID) (S)		91	%			1.0 07/30/05 01:13	DHW			

GC/MS Volatiles

GC/MS VOCs 5035/8260 low level	Method: EPA 8260	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Acetone		ND	ug/kg	99.		1.0 08/09/05 09:33	DLK	67-64-1		
Benzene		ND	ug/kg	5.0		1.0 08/09/05 09:33	DLK	71-43-2		
Bromobenzene		ND	ug/kg	5.0		1.0 08/09/05 09:33	DLK	108-86-1		
Bromochloromethane		ND	ug/kg	5.0		1.0 08/09/05 09:33	DLK	74-97-5		
Bromodichloromethane		ND	ug/kg	5.0		1.0 08/09/05 09:33	DLK	75-27-4		
Bromoform		ND	ug/kg	5.0		1.0 08/09/05 09:33	DLK	75-25-2		
Bromomethane		ND	ug/kg	9.9		1.0 08/09/05 09:33	DLK	74-83-9		
2-Butanone (MEK)		ND	ug/kg	99.		1.0 08/09/05 09:33	DLK	78-93-3		
n-Butylbenzene		ND	ug/kg	5.0		1.0 08/09/05 09:33	DLK	104-51-8		
sec-Butylbenzene		ND	ug/kg	5.0		1.0 08/09/05 09:33	DLK	135-98-8		
tert-Butylbenzene		ND	ug/kg	5.0		1.0 08/09/05 09:33	DLK	98-06-6		
Carbon tetrachloride		ND	ug/kg	5.0		1.0 08/09/05 09:33	DLK	56-23-5		
Chlorobenzene		ND	ug/kg	5.0		1.0 08/09/05 09:33	DLK	108-90-7		
Chloroethane		ND	ug/kg	9.9		1.0 08/09/05 09:33	DLK	75-00-3		
Chloroform		ND	ug/kg	5.0		1.0 08/09/05 09:33	DLK	67-66-3		
Chloromethane		ND	ug/kg	9.9		1.0 08/09/05 09:33	DLK	74-87-3		

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Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925915555 Project Sample Number: 9299713-004 Date Collected: 07/27/05 10:00
Client Sample ID: SW (SOUTH) Matrix: Soil Date Received: 07/28/05 12:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
2-Chlorotoluene	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	106-93-4		
Dibromomethane	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	9.9	1.0	08/09/05 09:33	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	87-68-3		
2-Hexanone	ND	ug/kg	50.	1.0	08/09/05 09:33	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	99-87-6		
Methylene chloride	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	50.	1.0	08/09/05 09:33	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	103-65-1		
Styrene	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	127-18-4		
Toluene	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	120-82-1		

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Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925915555 Project Sample Number: 9299713-004 Date Collected: 07/27/05 10:00
Client Sample ID: SW (SOUTH) Matrix: Soil Date Received: 07/28/05 12:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
1,1,1-Trichloroethane	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	50.	1.0	08/09/05 09:33	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	9.9	1.0	08/09/05 09:33	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	9.9	1.0	08/09/05 09:33	DLK			
o-Xylene	ND	ug/kg	5.0	1.0	08/09/05 09:33	DLK	95-47-6		
Toluene-d8 (S)	99	%		1.0	08/09/05 09:33	DLK	2037-26-5		
4-Bromofluorobenzene (S)	105	%		1.0	08/09/05 09:33	DLK	460-00-4		
Dibromofluoromethane (S)	90	%		1.0	08/09/05 09:33	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	90	%		1.0	08/09/05 09:33	DLK	17060-07-0		

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Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925915563 Project Sample Number: 9299713-005 Date Collected: 07/27/05 10:15
Client Sample ID: SW (WEST) Matrix: Soil Date Received: 07/28/05 12:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
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Wet Chemistry

Percent Moisture	Method: % Moisture								
Percent Moisture	27.8	%		1.0	07/28/05	16:01	TNS		

GC/MS Semivolatiles

Semivolatile Organics	Prep/Method: EPA 3545 / EPA 8270	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Acenaphthene	ND	ug/kg	460	1.4	08/01/05	23:51	BET	83-32-9		
Acenaphthylene	ND	ug/kg	460	1.4	08/01/05	23:51	BET	208-96-8		
Anthracene	ND	ug/kg	460	1.4	08/01/05	23:51	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	460	1.4	08/01/05	23:51	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	460	1.4	08/01/05	23:51	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	460	1.4	08/01/05	23:51	BET	56-55-3		
Benzoic acid	ND	ug/kg	2300	1.4	08/01/05	23:51	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	460	1.4	08/01/05	23:51	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	910	1.4	08/01/05	23:51	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	460	1.4	08/01/05	23:51	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	460	1.4	08/01/05	23:51	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	460	1.4	08/01/05	23:51	BET	85-68-7		
2-Chloro-3-methylphenol	ND	ug/kg	910	1.4	08/01/05	23:51	BET	59-50-7		
2-Chloroaniline	ND	ug/kg	910	1.4	08/01/05	23:51	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	460	1.4	08/01/05	23:51	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	460	1.4	08/01/05	23:51	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	460	1.4	08/01/05	23:51	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	460	1.4	08/01/05	23:51	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	460	1.4	08/01/05	23:51	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	460	1.4	08/01/05	23:51	BET	7005-72-3		
Chrysene	ND	ug/kg	460	1.4	08/01/05	23:51	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	460	1.4	08/01/05	23:51	BET	53-70-3		
Dibenzofuran	ND	ug/kg	460	1.4	08/01/05	23:51	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	460	1.4	08/01/05	23:51	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	460	1.4	08/01/05	23:51	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	460	1.4	08/01/05	23:51	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	910	1.4	08/01/05	23:51	BET	91-94-1		
2,4-Dichlorophenol	ND	ug/kg	460	1.4	08/01/05	23:51	BET	120-83-2		
Diethylphthalate	ND	ug/kg	460	1.4	08/01/05	23:51	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	460	1.4	08/01/05	23:51	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	460	1.4	08/01/05	23:51	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	460	1.4	08/01/05	23:51	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	460	1.4	08/01/05	23:51	BET	534-52-1		

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Lab Project Number: 9299713
 Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925915563 Project Sample Number: 9299713-005 Date Collected: 07/27/05 10:15
 Client Sample ID: SW (WEST) Matrix: Soil Date Received: 07/28/05 12:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
2,4-Dinitrophenol	ND	ug/kg	2300	1.4	08/01/05 23:51	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	460	1.4	08/01/05 23:51	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	460	1.4	08/01/05 23:51	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	460	1.4	08/01/05 23:51	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	460	1.4	08/01/05 23:51	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	460	1.4	08/01/05 23:51	BET	117-81-7		
Fluoranthene	ND	ug/kg	460	1.4	08/01/05 23:51	BET	206-44-0		
Fluorene	ND	ug/kg	460	1.4	08/01/05 23:51	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	460	1.4	08/01/05 23:51	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	460	1.4	08/01/05 23:51	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	460	1.4	08/01/05 23:51	BET	77-47-4		
Hexachloroethane	ND	ug/kg	460	1.4	08/01/05 23:51	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	460	1.4	08/01/05 23:51	BET	193-39-5		
Isophorone	ND	ug/kg	460	1.4	08/01/05 23:51	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	460	1.4	08/01/05 23:51	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	460	1.4	08/01/05 23:51	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	460	1.4	08/01/05 23:51	BET			
Naphthalene	ND	ug/kg	460	1.4	08/01/05 23:51	BET	91-20-3		
2-Nitroaniline	ND	ug/kg	2300	1.4	08/01/05 23:51	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	2300	1.4	08/01/05 23:51	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	2300	1.4	08/01/05 23:51	BET	100-01-6		
Nitrobenzene	ND	ug/kg	460	1.4	08/01/05 23:51	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	460	1.4	08/01/05 23:51	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	2300	1.4	08/01/05 23:51	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	460	1.4	08/01/05 23:51	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	460	1.4	08/01/05 23:51	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	2300	1.4	08/01/05 23:51	BET	87-86-5		
Phenanthrene	ND	ug/kg	460	1.4	08/01/05 23:51	BET	85-01-8		
Phenol	ND	ug/kg	460	1.4	08/01/05 23:51	BET	108-95-2		
Pyrene	ND	ug/kg	460	1.4	08/01/05 23:51	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	460	1.4	08/01/05 23:51	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	460	1.4	08/01/05 23:51	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	460	1.4	08/01/05 23:51	BET	88-06-2		
Nitrobenzene-d5 (S)	51	%		1.0	08/01/05 23:51	BET	4165-60-0		
2-Fluorobiphenyl (S)	45	%		1.0	08/01/05 23:51	BET	321-60-8		
Terphenyl-d14 (S)	60	%		1.0	08/01/05 23:51	BET	1718-51-0		
Phenol-d5 (S)	42	%		1.0	08/01/05 23:51	BET	4165-62-2		
2-Fluorophenol (S)	34	%		1.0	08/01/05 23:51	BET	367-12-4		
2,4,6-Tribromophenol (S)	26	%		1.0	08/01/05 23:51	BET	118-79-6		

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Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925915563 Project Sample Number: 9299713-005 Date Collected: 07/27/05 10:15
Client Sample ID: SW (WEST) Matrix: Soil Date Received: 07/28/05 12:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Date Extracted	07/29/05				07/29/05				

GC Semivolatiles

EPH in Soil by Mass. Method	Prep/Method: EPA 3550 / EPH	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Aliphatic (C09-C18)		ND	mg/kg	14.		1.4 08/02/05 00:37	KBS			
Aliphatic (C19-C36)		ND	mg/kg	14.		1.4 08/02/05 00:37	KBS			
Aromatic (C11-22)		ND	mg/kg	14.		1.4 08/02/05 00:37	KBS			
2-Fluorobiphenyl (S)		92	%			1.0 08/02/05 00:37	KBS	321-60-8		
2-Bromonaphthalene (S)		94	%			1.0 08/02/05 00:37	KBS	580-13-2		
Nonatriacontane (S)		66	%			1.0 08/02/05 00:37	KBS	7194-86-7		
o-Terphenyl (S)		67	%			1.0 08/02/05 00:37	KBS	84-15-1		
Date Extracted	07/29/05					07/29/05				

GC Volatiles

VPH in Soil by Mass. Method	Method: VPH	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Aliphatic (C05-C08)		ND	mg/kg	12.		1.2 07/30/05 01:57	DHW			
Aliphatic (C09-C12)		ND	mg/kg	12.		1.2 07/30/05 01:57	DHW			
Aromatic (C09-C10)		ND	mg/kg	12.		1.2 07/30/05 01:57	DHW			
1,5-Dibromotoluene (FID) (S)		77	%			1.0 07/30/05 01:57	DHW			
1,5-Dibromotoluene (PID) (S)		87	%			1.0 07/30/05 01:57	DHW			

GC/MS Volatiles

GC/MS VOCs 5035/8260 low level	Method: EPA 8260	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Acetone		160	ug/kg	120		1.1 08/09/05 09:53	DLK	67-64-1		
Benzene		ND	ug/kg	5.8		1.1 08/09/05 09:53	DLK	71-43-2		
Bromobenzene		ND	ug/kg	5.8		1.1 08/09/05 09:53	DLK	108-86-1		
Bromochloromethane		ND	ug/kg	5.8		1.1 08/09/05 09:53	DLK	74-97-5		
Bromodichloromethane		ND	ug/kg	5.8		1.1 08/09/05 09:53	DLK	75-27-4		
Bromoform		ND	ug/kg	5.8		1.1 08/09/05 09:53	DLK	75-25-2		
Bromomethane		ND	ug/kg	12.		1.1 08/09/05 09:53	DLK	74-83-9		
2-Butanone (MEK)		ND	ug/kg	120		1.1 08/09/05 09:53	DLK	78-93-3		
n-Butylbenzene		ND	ug/kg	5.8		1.1 08/09/05 09:53	DLK	104-51-8		
sec-Butylbenzene		ND	ug/kg	5.8		1.1 08/09/05 09:53	DLK	135-98-8		
tert-Butylbenzene		ND	ug/kg	5.8		1.1 08/09/05 09:53	DLK	98-06-6		
Carbon tetrachloride		ND	ug/kg	5.8		1.1 08/09/05 09:53	DLK	56-23-5		
Chlorobenzene		ND	ug/kg	5.8		1.1 08/09/05 09:53	DLK	108-90-7		
Chloroethane		ND	ug/kg	12.		1.1 08/09/05 09:53	DLK	75-00-3		
Chloroform		ND	ug/kg	5.8		1.1 08/09/05 09:53	DLK	67-66-3		
Chloromethane		ND	ug/kg	12.		1.1 08/09/05 09:53	DLK	74-87-3		

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Lab Project Number: 9299713

Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925915563 Project Sample Number: 9299713-005 Date Collected: 07/27/05 10:15
Client Sample ID: SW (WEST) Matrix: Soil Date Received: 07/28/05 12:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
2-Chlorotoluene	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	106-93-4		
Dibromomethane	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	12.	1.1	08/09/05 09:53	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	87-68-3		
2-Hexanone	ND	ug/kg	58.	1.1	08/09/05 09:53	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	99-87-6		
Methylene chloride	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	58.	1.1	08/09/05 09:53	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	1634-04-4		
Naphthalene	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	103-65-1		
Styrene	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	127-18-4		
Toluene	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	120-82-1		

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Lab Project Number: 9299713
 Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925915563 Project Sample Number: 9299713-005 Date Collected: 07/27/05 10:15
 Client Sample ID: SW (WEST) Matrix: Soil Date Received: 07/28/05 12:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
1,1,1-Trichloroethane	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	79-00-5		
Trichloroethene	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	58.	1.1	08/09/05 09:53	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	12.	1.1	08/09/05 09:53	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	12.	1.1	08/09/05 09:53	DLK			
o-Xylene	ND	ug/kg	5.8	1.1	08/09/05 09:53	DLK	95-47-6		
Toluene-d8 (S)	99	%		1.0	08/09/05 09:53	DLK	2037-26-5		
4-Bromofluorobenzene (S)	103	%		1.0	08/09/05 09:53	DLK	460-00-4		
Dibromofluoromethane (S)	92	%		1.0	08/09/05 09:53	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	88	%		1.0	08/09/05 09:53	DLK	17060-07-0		

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Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925915571 Project Sample Number: 9299713-006 Date Collected: 07/27/05 10:30
Client Sample ID: SW (NORTH) Matrix: Soil Date Received: 07/28/05 12:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
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Wet Chemistry

Percent Moisture	Method: % Moisture								
Percent Moisture	20.2	%		1.0	07/28/05	16:02	TNS		

GC/MS Semivolatiles

Semivolatile Organics	Prep/Method: EPA 3545 / EPA 8270	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
Acenaphthene	ND	ug/kg	410	1.2	08/02/05	00:26	BET	83-32-9		
Acenaphthylene	ND	ug/kg	410	1.2	08/02/05	00:26	BET	208-96-8		
Anthracene	ND	ug/kg	410	1.2	08/02/05	00:26	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	410	1.2	08/02/05	00:26	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	410	1.2	08/02/05	00:26	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	410	1.2	08/02/05	00:26	BET	56-55-3		
Benzoic acid	ND	ug/kg	2100	1.2	08/02/05	00:26	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	410	1.2	08/02/05	00:26	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	830	1.2	08/02/05	00:26	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	410	1.2	08/02/05	00:26	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	410	1.2	08/02/05	00:26	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	410	1.2	08/02/05	00:26	BET	85-68-7		
1-Chloro-3-methylphenol	ND	ug/kg	830	1.2	08/02/05	00:26	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	830	1.2	08/02/05	00:26	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	410	1.2	08/02/05	00:26	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	410	1.2	08/02/05	00:26	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	410	1.2	08/02/05	00:26	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	410	1.2	08/02/05	00:26	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	410	1.2	08/02/05	00:26	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	410	1.2	08/02/05	00:26	BET	7005-72-3		
Chrysene	ND	ug/kg	410	1.2	08/02/05	00:26	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	410	1.2	08/02/05	00:26	BET	53-70-3		
Dibenzofuran	ND	ug/kg	410	1.2	08/02/05	00:26	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	410	1.2	08/02/05	00:26	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	410	1.2	08/02/05	00:26	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	410	1.2	08/02/05	00:26	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	830	1.2	08/02/05	00:26	BET	91-94-1		
2,4-Dichlorophenol	ND	ug/kg	410	1.2	08/02/05	00:26	BET	120-83-2		
Diethylphthalate	ND	ug/kg	410	1.2	08/02/05	00:26	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	410	1.2	08/02/05	00:26	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	410	1.2	08/02/05	00:26	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	410	1.2	08/02/05	00:26	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	410	1.2	08/02/05	00:26	BET	534-52-1		

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Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925915571 Project Sample Number: 9299713-006 Date Collected: 07/27/05 10:30
Client Sample ID: SW (NORTH) Matrix: Soil Date Received: 07/28/05 12:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
2,4-Dinitrophenol	ND	ug/kg	2100	1.2	08/02/05 00:26	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	410	1.2	08/02/05 00:26	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	410	1.2	08/02/05 00:26	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	410	1.2	08/02/05 00:26	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	410	1.2	08/02/05 00:26	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	410	1.2	08/02/05 00:26	BET	117-81-7		
Fluoranthene	ND	ug/kg	410	1.2	08/02/05 00:26	BET	206-44-0		
Fluorene	ND	ug/kg	410	1.2	08/02/05 00:26	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	410	1.2	08/02/05 00:26	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	410	1.2	08/02/05 00:26	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	410	1.2	08/02/05 00:26	BET	77-47-4		
Hexachloroethane	ND	ug/kg	410	1.2	08/02/05 00:26	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	410	1.2	08/02/05 00:26	BET	193-39-5		
Isophorone	ND	ug/kg	410	1.2	08/02/05 00:26	BET	78-59-1		
2-Methylnaphthalene	ND	ug/kg	410	1.2	08/02/05 00:26	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	410	1.2	08/02/05 00:26	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	410	1.2	08/02/05 00:26	BET			
Naphthalene	ND	ug/kg	410	1.2	08/02/05 00:26	BET	91-20-3		
o-Nitroaniline	ND	ug/kg	2100	1.2	08/02/05 00:26	BET	88-74-4		
m-Nitroaniline	ND	ug/kg	2100	1.2	08/02/05 00:26	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	2100	1.2	08/02/05 00:26	BET	100-01-6		
Nitrobenzene	ND	ug/kg	410	1.2	08/02/05 00:26	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	410	1.2	08/02/05 00:26	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	2100	1.2	08/02/05 00:26	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	410	1.2	08/02/05 00:26	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	410	1.2	08/02/05 00:26	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	2100	1.2	08/02/05 00:26	BET	87-86-5		
Phenanthrene	ND	ug/kg	410	1.2	08/02/05 00:26	BET	85-01-8		
Phenol	ND	ug/kg	410	1.2	08/02/05 00:26	BET	108-95-2		
Pyrene	ND	ug/kg	410	1.2	08/02/05 00:26	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	410	1.2	08/02/05 00:26	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	410	1.2	08/02/05 00:26	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	410	1.2	08/02/05 00:26	BET	88-06-2		
Nitrobenzene-d5 (S)	57	%		1.0	08/02/05 00:26	BET	4165-60-0		
2-Fluorobiphenyl (S)	54	%		1.0	08/02/05 00:26	BET	321-60-8		
Terphenyl-d14 (S)	69	%		1.0	08/02/05 00:26	BET	1718-51-0		
Phenol-d5 (S)	59	%		1.0	08/02/05 00:26	BET	4165-62-2		
2-Fluorophenol (S)	57	%		1.0	08/02/05 00:26	BET	367-12-4		
2,4,6-Tribromophenol (S)	57	%		1.0	08/02/05 00:26	BET	118-79-6		

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Charlotte Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925915571 Project Sample Number: 9299713-006 Date Collected: 07/27/05 10:30
Client Sample ID: SW (NORTH) Matrix: Soil Date Received: 07/28/05 12:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
Date Extracted	07/29/05				07/29/05				

GC Semivolatiles

EPH in Soil by Mass. Method	Prep/Method: EPA 3550 / EPH	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
Aliphatic (C09-C18)		ND	mg/kg	13.		1.2 08/02/05 01:20	KBS			
Aliphatic (C19-C36)		ND	mg/kg	13.		1.2 08/02/05 01:20	KBS			
Aromatic (C11-22)		ND	mg/kg	13.		1.2 08/02/05 01:20	KBS			
2-Fluorobiphenyl (S)		91	%			1.0 08/02/05 01:20	KBS	321-60-8		
2-Bromonaphthalene (S)		93	%			1.0 08/02/05 01:20	KBS	580-13-2		
Nonatriacontane (S)		58	%			1.0 08/02/05 01:20	KBS	7194-86-7		
o-Terphenyl (S)		58	%			1.0 08/02/05 01:20	KBS	84-15-1		
Date Extracted		07/29/05				07/29/05				

GC Volatiles

VPH in Soil by Mass. Method	Method: VPH	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
Aliphatic (C05-C08)		ND	mg/kg	12.		1.2 07/30/05 02:40	DHW			
Aliphatic (C09-C12)		ND	mg/kg	12.		1.2 07/30/05 02:40	DHW			
Aromatic (C09-C10)		ND	mg/kg	12.		1.2 07/30/05 02:40	DHW			
1,5-Dibromotoluene (FID) (S)		77	%			1.0 07/30/05 02:40	DHW			
2,5-Dibromotoluene (PID) (S)		89	%			1.0 07/30/05 02:40	DHW			

GC/MS Volatiles

GC/MS VOCs 5035/8260 low level	Method: EPA 8260	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
Acetone		ND	ug/kg	120		1.2 08/09/05 10:13	DLK	67-64-1		
Benzene		ND	ug/kg	6.0		1.2 08/09/05 10:13	DLK	71-43-2		
Bromobenzene		ND	ug/kg	6.0		1.2 08/09/05 10:13	DLK	108-86-1		
Bromochloromethane		ND	ug/kg	6.0		1.2 08/09/05 10:13	DLK	74-97-5		
Bromodichloromethane		ND	ug/kg	6.0		1.2 08/09/05 10:13	DLK	75-27-4		
Bromoform		ND	ug/kg	6.0		1.2 08/09/05 10:13	DLK	75-25-2		
Bromomethane		ND	ug/kg	12.		1.2 08/09/05 10:13	DLK	74-83-9		
2-Butanone (MEK)		ND	ug/kg	120		1.2 08/09/05 10:13	DLK	78-93-3		
n-Butylbenzene		ND	ug/kg	6.0		1.2 08/09/05 10:13	DLK	104-51-8		
sec-Butylbenzene		ND	ug/kg	6.0		1.2 08/09/05 10:13	DLK	135-98-8		
tert-Butylbenzene		ND	ug/kg	6.0		1.2 08/09/05 10:13	DLK	98-06-6		
Carbon tetrachloride		ND	ug/kg	6.0		1.2 08/09/05 10:13	DLK	56-23-5		
Chlorobenzene		ND	ug/kg	6.0		1.2 08/09/05 10:13	DLK	108-90-7		
Chloroethane		ND	ug/kg	12.		1.2 08/09/05 10:13	DLK	75-00-3		
Chloroform		ND	ug/kg	6.0		1.2 08/09/05 10:13	DLK	67-66-3		
Chloromethane		ND	ug/kg	12.		1.2 08/09/05 10:13	DLK	74-87-3		

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Charlotte Certification IDs
NC Wastewater 12
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SC 99006
FL NELAP E87627

Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925915571 Project Sample Number: 9299713-006 Date Collected: 07/27/05 10:30
Client Sample ID: SW (NORTH) Matrix: Soil Date Received: 07/28/05 12:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
2-Chlorotoluene	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	106-93-4		
Dibromomethane	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	12.	1.2	08/09/05 10:13	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	594-20-7		
1-Dichloropropene	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	108-20-3		
Ethylbenzene	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	87-68-3		
2-Hexanone	ND	ug/kg	60.	1.2	08/09/05 10:13	DLK	591-78-6		
Isopropylbenzene (Cumene)	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	98-82-8		
p-Isopropyltoluene	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	99-87-6		
Methylene chloride	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	60.	1.2	08/09/05 10:13	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	1634-04-4		
Naphthalene	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	91-20-3		
n-Propylbenzene	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	103-65-1		
Styrene	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	127-18-4		
Toluene	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	120-82-1		

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Charlotte Certification IDs
NC Wastewater 12
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SC 99006
FL NELAP E87627

Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925915571 Project Sample Number: 9299713-006 Date Collected: 07/27/05 10:30
Client Sample ID: SW (NORTH) Matrix: Soil Date Received: 07/28/05 12:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
1,1,1-Trichloroethane	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	79-00-5		
Trichloroethene	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	96-18-4		
1,2,4-Trimethylbenzene	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	95-63-6		
1,3,5-Trimethylbenzene	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	60.	1.2	08/09/05 10:13	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	12.	1.2	08/09/05 10:13	DLK	75-01-4		
Xylene (Total)	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	1330-20-7		
m&p-Xylene	ND	ug/kg	12.	1.2	08/09/05 10:13	DLK			
o-Xylene	ND	ug/kg	6.0	1.2	08/09/05 10:13	DLK	95-47-6		
Toluene-d8 (S)	97	%		1.0	08/09/05 10:13	DLK	2037-26-5		
4-Bromofluorobenzene (S)	103	%		1.0	08/09/05 10:13	DLK	460-00-4		
Dibromofluoromethane (S)	92	%		1.0	08/09/05 10:13	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	95	%		1.0	08/09/05 10:13	DLK	17060-07-0		

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Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925915589 Project Sample Number: 9299713-007 Date Collected: 07/27/05 12:45
Client Sample ID: BASE (16') Matrix: Soil Date Received: 07/28/05 12:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
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Wet Chemistry

Percent Moisture	Method: % Moisture								
Percent Moisture	18.0	%			1.0	07/28/05 16:02	TNS		

GC/MS Semivolatiles

Semivolatile Organics	Prep/Method: EPA 3545 / EPA 8270	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
Acenaphthene	ND	ug/kg	400		1.2	08/02/05 01:01	BET	83-32-9		
Acenaphthylene	ND	ug/kg	400		1.2	08/02/05 01:01	BET	208-96-8		
Anthracene	ND	ug/kg	400		1.2	08/02/05 01:01	BET	120-12-7		
Benzo(k)fluoranthene	ND	ug/kg	400		1.2	08/02/05 01:01	BET	207-08-9		
Benzo(b)fluoranthene	ND	ug/kg	400		1.2	08/02/05 01:01	BET	205-99-2		
Benzo(a)anthracene	ND	ug/kg	400		1.2	08/02/05 01:01	BET	56-55-3		
Benzoic acid	ND	ug/kg	2000		1.2	08/02/05 01:01	BET	65-85-0		
Benzo(g,h,i)perylene	ND	ug/kg	400		1.2	08/02/05 01:01	BET	191-24-2		
Benzyl alcohol	ND	ug/kg	800		1.2	08/02/05 01:01	BET	100-51-6		
Benzo(a)pyrene	ND	ug/kg	400		1.2	08/02/05 01:01	BET	50-32-8		
4-Bromophenylphenyl ether	ND	ug/kg	400		1.2	08/02/05 01:01	BET	101-55-3		
Butylbenzylphthalate	ND	ug/kg	400		1.2	08/02/05 01:01	BET	85-68-7		
3-Chloro-3-methylphenol	ND	ug/kg	800		1.2	08/02/05 01:01	BET	59-50-7		
4-Chloroaniline	ND	ug/kg	800		1.2	08/02/05 01:01	BET	106-47-8		
bis(2-Chloroethoxy)methane	ND	ug/kg	400		1.2	08/02/05 01:01	BET	111-91-1		
bis(2-Chloroethyl) ether	ND	ug/kg	400		1.2	08/02/05 01:01	BET	111-44-4		
bis(2-Chloroisopropyl) ether	ND	ug/kg	400		1.2	08/02/05 01:01	BET	39638-32-9		
2-Chloronaphthalene	ND	ug/kg	400		1.2	08/02/05 01:01	BET	91-58-7		
2-Chlorophenol	ND	ug/kg	400		1.2	08/02/05 01:01	BET	95-57-8		
4-Chlorophenylphenyl ether	ND	ug/kg	400		1.2	08/02/05 01:01	BET	7005-72-3		
Chrysene	ND	ug/kg	400		1.2	08/02/05 01:01	BET	218-01-9		
Dibenz(a,h)anthracene	ND	ug/kg	400		1.2	08/02/05 01:01	BET	53-70-3		
Dibenzofuran	ND	ug/kg	400		1.2	08/02/05 01:01	BET	132-64-9		
1,2-Dichlorobenzene	ND	ug/kg	400		1.2	08/02/05 01:01	BET	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	400		1.2	08/02/05 01:01	BET	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	400		1.2	08/02/05 01:01	BET	106-46-7		
3,3'-Dichlorobenzidine	ND	ug/kg	800		1.2	08/02/05 01:01	BET	91-94-1		
2,4-Dichlorophenol	ND	ug/kg	400		1.2	08/02/05 01:01	BET	120-83-2		
Diethylphthalate	ND	ug/kg	400		1.2	08/02/05 01:01	BET	84-66-2		
2,4-Dimethylphenol	ND	ug/kg	400		1.2	08/02/05 01:01	BET	105-67-9		
Dimethylphthalate	ND	ug/kg	400		1.2	08/02/05 01:01	BET	131-11-3		
Di-n-butylphthalate	ND	ug/kg	400		1.2	08/02/05 01:01	BET	84-74-2		
4,6-Dinitro-2-methylphenol	ND	ug/kg	400		1.2	08/02/05 01:01	BET	534-52-1		

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NC Wastewater 12
NC Drinking Water 37706
SC 99006
FL NELAP E87627

Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925915589 Project Sample Number: 9299713-007 Date Collected: 07/27/05 12:45
Client Sample ID: BASE (16') Matrix: Soil Date Received: 07/28/05 12:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
2,4-Dinitrophenol	ND	ug/kg	2000	1.2	08/02/05 01:01	BET	51-28-5		
2,4-Dinitrotoluene	ND	ug/kg	400	1.2	08/02/05 01:01	BET	121-14-2		
2,6-Dinitrotoluene	ND	ug/kg	400	1.2	08/02/05 01:01	BET	606-20-2		
Di-n-octylphthalate	ND	ug/kg	400	1.2	08/02/05 01:01	BET	117-84-0		
1,2-Diphenylhydrazine	ND	ug/kg	400	1.2	08/02/05 01:01	BET	122-66-7		
bis(2-Ethylhexyl)phthalate	ND	ug/kg	400	1.2	08/02/05 01:01	BET	117-81-7		
Fluoranthene	ND	ug/kg	400	1.2	08/02/05 01:01	BET	206-44-0		
Fluorene	ND	ug/kg	400	1.2	08/02/05 01:01	BET	86-73-7		
Hexachloro-1,3-butadiene	ND	ug/kg	400	1.2	08/02/05 01:01	BET	87-68-3		
Hexachlorobenzene	ND	ug/kg	400	1.2	08/02/05 01:01	BET	118-74-1		
Hexachlorocyclopentadiene	ND	ug/kg	400	1.2	08/02/05 01:01	BET	77-47-4		
Hexachloroethane	ND	ug/kg	400	1.2	08/02/05 01:01	BET	67-72-1		
Indeno(1,2,3-cd)pyrene	ND	ug/kg	400	1.2	08/02/05 01:01	BET	193-39-5		
Isophorone	ND	ug/kg	400	1.2	08/02/05 01:01	BET	78-59-1		
2-Methylnaphthalene	2300	ug/kg	400	1.2	08/02/05 01:01	BET	91-57-6		
2-Methylphenol (o-Cresol)	ND	ug/kg	400	1.2	08/02/05 01:01	BET	95-48-7		
3&4-Methylphenol	ND	ug/kg	400	1.2	08/02/05 01:01	BET			
Naphthalene	1600	ug/kg	400	1.2	08/02/05 01:01	BET	91-20-3		
1-Nitroaniline	ND	ug/kg	2000	1.2	08/02/05 01:01	BET	88-74-4		
3-Nitroaniline	ND	ug/kg	2000	1.2	08/02/05 01:01	BET	99-09-2		
4-Nitroaniline	ND	ug/kg	2000	1.2	08/02/05 01:01	BET	100-01-6		
Nitrobenzene	ND	ug/kg	400	1.2	08/02/05 01:01	BET	98-95-3		
2-Nitrophenol	ND	ug/kg	400	1.2	08/02/05 01:01	BET	88-75-5		
4-Nitrophenol	ND	ug/kg	2000	1.2	08/02/05 01:01	BET	100-02-7		
N-Nitroso-di-n-propylamine	ND	ug/kg	400	1.2	08/02/05 01:01	BET	621-64-7		
N-Nitrosodiphenylamine	ND	ug/kg	400	1.2	08/02/05 01:01	BET	86-30-6		
Pentachlorophenol	ND	ug/kg	2000	1.2	08/02/05 01:01	BET	87-86-5		
Phenanthrene	ND	ug/kg	400	1.2	08/02/05 01:01	BET	85-01-8		
Phenol	ND	ug/kg	400	1.2	08/02/05 01:01	BET	108-95-2		
Pyrene	ND	ug/kg	400	1.2	08/02/05 01:01	BET	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/kg	400	1.2	08/02/05 01:01	BET	120-82-1		
2,4,5-Trichlorophenol	ND	ug/kg	400	1.2	08/02/05 01:01	BET	95-95-4		
2,4,6-Trichlorophenol	ND	ug/kg	400	1.2	08/02/05 01:01	BET	88-06-2		
Nitrobenzene-d5 (S)	64	%		1.0	08/02/05 01:01	BET	4165-60-0		
2-Fluorobiphenyl (S)	45	%		1.0	08/02/05 01:01	BET	321-60-8		
Terphenyl-d14 (S)	45	%		1.0	08/02/05 01:01	BET	1718-51-0		
Phenol-d5 (S)	58	%		1.0	08/02/05 01:01	BET	4165-62-2		
2-Fluorophenol (S)	55	%		1.0	08/02/05 01:01	BET	367-12-4		
2,4,6-Tribromophenol (S)	57	%		1.0	08/02/05 01:01	BET	118-79-6		

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NC Wastewater 12
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SC 99006
FL NELAP E87627

Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925915589 Project Sample Number: 9299713-007 Date Collected: 07/27/05 12:45
Client Sample ID: BASE (16') Matrix: Soil Date Received: 07/28/05 12:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
Date Extracted	07/29/05				07/29/05				

GC Semivolatiles

EPH in Soil by Mass. Method	Prep/Method: EPA 3550 / EPH	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
Aliphatic (C09-C18)		90.	mg/kg	12.	1.2	08/02/05 02:02	KBS			
Aliphatic (C19-C36)		ND	mg/kg	12.	1.2	08/02/05 02:02	KBS			
Aromatic (C11-22)		25.	mg/kg	12.	1.2	08/02/05 02:02	KBS			
2-Fluorobiphenyl (S)		100	%		1.0	08/02/05 02:02	KBS	321-60-8		
2-Bromonaphthalene (S)		93	%		1.0	08/02/05 02:02	KBS	580-13-2		
Nonatriacontane (S)		73	%		1.0	08/02/05 02:02	KBS	7194-86-7		
o-Terphenyl (S)		58	%		1.0	08/02/05 02:02	KBS	84-15-1		
Date Extracted	07/29/05					07/29/05				

GC Volatiles

VPH in Soil by Mass. Method	Method: VPH	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
Aliphatic (C05-C08)		240	mg/kg	9.5	1.0	07/30/05 03:24	DHW			
Aliphatic (C09-C12)		270	mg/kg	9.5	1.0	07/30/05 03:24	DHW			
Aromatic (C09-C10)		130	mg/kg	9.5	1.0	07/30/05 03:24	DHW			
1,5-Dibromotoluene (FID) (S)		90	%		1.0	07/30/05 03:24	DHW			
1,5-Dibromotoluene (PID) (S)		73	%		1.0	07/30/05 03:24	DHW			

GC/MS Volatiles

GC/MS VOCs 5035/8260 low level	Method: EPA 8260	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	ReqLmt
Acetone		ND	ug/kg	9300	92.5	08/09/05 12:55	DLK	67-64-1		
Benzene		ND	ug/kg	460	92.5	08/09/05 12:55	DLK	71-43-2		
Bromobenzene		ND	ug/kg	460	92.5	08/09/05 12:55	DLK	108-86-1		
Bromochloromethane		ND	ug/kg	460	92.5	08/09/05 12:55	DLK	74-97-5		
Bromodichloromethane		ND	ug/kg	460	92.5	08/09/05 12:55	DLK	75-27-4		
Bromoform		ND	ug/kg	460	92.5	08/09/05 12:55	DLK	75-25-2		
Bromomethane		ND	ug/kg	930	92.5	08/09/05 12:55	DLK	74-83-9		
2-Butanone (MEK)		ND	ug/kg	9300	92.5	08/09/05 12:55	DLK	78-93-3		
n-Butylbenzene		ND	ug/kg	460	92.5	08/09/05 12:55	DLK	104-51-8		
sec-Butylbenzene		ND	ug/kg	460	92.5	08/09/05 12:55	DLK	135-98-8		
tert-Butylbenzene		ND	ug/kg	460	92.5	08/09/05 12:55	DLK	98-06-6		
Carbon tetrachloride		ND	ug/kg	460	92.5	08/09/05 12:55	DLK	56-23-5		
Chlorobenzene		ND	ug/kg	460	92.5	08/09/05 12:55	DLK	108-90-7		
Chloroethane		ND	ug/kg	930	92.5	08/09/05 12:55	DLK	75-00-3		
Chloroform		ND	ug/kg	460	92.5	08/09/05 12:55	DLK	67-66-3		
Chloromethane		ND	ug/kg	930	92.5	08/09/05 12:55	DLK	74-87-3		

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SC 99006
FL NELAP E87627

Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925915589 Project Sample Number: 9299713-007 Date Collected: 07/27/05 12:45
Client Sample ID: BASE (16') Matrix: Soil Date Received: 07/28/05 12:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
2-Chlorotoluene	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	95-49-8		
4-Chlorotoluene	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	96-12-8		
Dibromochloromethane	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	106-93-4		
Dibromomethane	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	74-95-3		
1,2-Dichlorobenzene	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	95-50-1		
1,3-Dichlorobenzene	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	541-73-1		
1,4-Dichlorobenzene	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	106-46-7		
Dichlorodifluoromethane	ND	ug/kg	930	92.5	08/09/05 12:55	DLK	75-71-8		
1,1-Dichloroethane	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	75-34-3		
1,2-Dichloroethane	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	107-06-2		
1,1-Dichloroethene	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	75-35-4		
cis-1,2-Dichloroethene	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	156-59-2		
trans-1,2-Dichloroethene	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	156-60-5		
1,2-Dichloropropane	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	78-87-5		
1,3-Dichloropropane	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	142-28-9		
2,2-Dichloropropane	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	594-20-7		
1,1-Dichloropropene	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	563-58-6		
cis-1,3-Dichloropropene	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	10061-02-6		
Diisopropyl ether	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	108-20-3		
Ethylbenzene	7100	ug/kg	460	92.5	08/09/05 12:55	DLK	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	87-68-3		
2-Hexanone	ND	ug/kg	4600	92.5	08/09/05 12:55	DLK	591-78-6		
Isopropylbenzene (Cumene)	1900	ug/kg	460	92.5	08/09/05 12:55	DLK	98-82-8		
p-Isopropyltoluene	940	ug/kg	460	92.5	08/09/05 12:55	DLK	99-87-6		
Methylene chloride	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	4600	92.5	08/09/05 12:55	DLK	108-10-1		
Methyl-tert-butyl ether	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	1634-04-4		
Naphthalene	9300	ug/kg	460	92.5	08/09/05 12:55	DLK	91-20-3		
n-Propylbenzene	4400	ug/kg	460	92.5	08/09/05 12:55	DLK	103-65-1		
Styrene	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	79-34-5		
Tetrachloroethene	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	127-18-4		
Toluene	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	120-82-1		

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Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

Lab Sample No: 925915589 Project Sample Number: 9299713-007 Date Collected: 07/27/05 12:45
Client Sample ID: BASE (16') Matrix: Soil Date Received: 07/28/05 12:07

Parameters	Results	Units	Report Limit	DF	Analyzed	By	CAS No.	Qual	RegLmt
1,1,1-Trichloroethane	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	71-55-6		
1,1,2-Trichloroethane	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	79-00-5		
Trichloroethene	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	79-01-6		
Trichlorofluoromethane	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	75-69-4		
1,2,3-Trichloropropane	ND	ug/kg	460	92.5	08/09/05 12:55	DLK	96-18-4		
1,2,4-Trimethylbenzene	28000	ug/kg	1200	231	08/09/05 12:55	DLK	95-63-6		
1,3,5-Trimethylbenzene	8000	ug/kg	460	92.5	08/09/05 12:55	DLK	108-67-8		
Vinyl acetate	ND	ug/kg	4600	92.5	08/09/05 12:55	DLK	108-05-4		
Vinyl chloride	ND	ug/kg	930	92.5	08/09/05 12:55	DLK	75-01-4		
Xylene (Total)	9100	ug/kg	4.6	0.9	08/09/05 12:55	DLK	1330-20-7		
m&p-Xylene	7100	ug/kg	930	92.5	08/09/05 12:55	DLK			
o-Xylene	1900	ug/kg	460	92.5	08/09/05 12:55	DLK	95-47-6		
Toluene-d8 (S)	104	%		1.0	08/09/05 12:55	DLK	2037-26-5		
4-Bromofluorobenzene (S)	101	%		1.0	08/09/05 12:55	DLK	460-00-4		
Dibromofluoromethane (S)	98	%		1.0	08/09/05 12:55	DLK	1868-53-7		
1,2-Dichloroethane-d4 (S)	107	%		1.0	08/09/05 12:55	DLK	17060-07-0		

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Lab Project Number: 9299713
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] The surrogate recovery was outside QC acceptance limits due to matrix interference.

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 Asheville, NC 28804
 Phone: 828.254.7176
 Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 9299713
 Client Project ID: ROW-136/WBS#32179

QC Batch: 134268 Analysis Method: EPA 8015
 QC Batch Method: EPA 3545 Analysis Description: TPH in Soil by 3545/8015
 Associated Lab Samples: 925915514 925915522

METHOD BLANK: 925936270
 Associated Lab Samples: 925915514 925915522

Parameter	Units	Blank		Reporting	
		Result	Limit	Result	Footnotes
Diesel Fuel	mg/kg	ND		5.0	
n-Pentacosane (S)	%	79			

LABORATORY CONTROL SAMPLE: 925936288

Parameter	Units	Spike	LCS		Footnotes
		Conc.	Result	% Rec	
Diesel Fuel	mg/kg	166.70	117.9	71	
n-Pentacosane (S)				79	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 925936296 925936304

Parameter	Units	925905267 Result	Spike Conc.	MS Result	MSD Result	MS		RPD	Footnotes
						% Rec	% Rec		
Diesel Fuel	mg/kg	413.5	216.10	480.6	558.9	31	67	15	1
n-Pentacosane (S)						74	72		

SAMPLE DUPLICATE: 925936312

Parameter	Units	925905275		RPD	Footnotes
		Result	DUP Result		
Diesel Fuel	mg/kg	ND	ND	NC	
n-Pentacosane (S)	%	88	78		

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QUALITY CONTROL DATA

Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

METHOD BLANK: 925921397

Associated Lab Samples: 925915530 925915555 925915563 925915571 925915589

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
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	
Phorone	ug/kg	ND	330	
1-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)	%	52		

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QUALITY CONTROL DATA

Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

METHOD BLANK: 925921397

Associated Lab Samples: 925915530 925915555 925915563 925915571 925915589

<u>Parameter</u>	<u>Units</u>	<u>Blank Result</u>	<u>Reporting Limit</u>	<u>Footnotes</u>
2-Fluorobiphenyl (S)	%	51		
Terphenyl-d14 (S)	%	66		
Phenol-d5 (S)	%	55		
2-Fluorophenol (S)	%	51		
2,4,6-Tribromophenol (S)	%	53		

LABORATORY CONTROL SAMPLE: 925921405

<u>Parameter</u>	<u>Units</u>	<u>Spike Conc.</u>	<u>LCS Result</u>	<u>LCS % Rec</u>	<u>Footnotes</u>
Acenaphthene	ug/kg	1667.00	1172	70	
Acenaphthylene	ug/kg	1667.00	1182	71	
Anthracene	ug/kg	1667.00	1228	74	
Benzo(k) fluoranthene	ug/kg	1667.00	1114	67	
Benzo(b) fluoranthene	ug/kg	1667.00	1061	64	
Benzo(a) anthracene	ug/kg	1667.00	1198	72	
Benzoic acid	ug/kg	1667.00	665.2	40	
Benzo(g,h,i)perylene	ug/kg	1667.00	1696	102	
Benzyl alcohol	ug/kg	1667.00	1087	65	
Benzo(a)pyrene	ug/kg	1667.00	1181	71	
4-Bromophenylphenyl ether	ug/kg	1667.00	1150	69	
Butylbenzylphthalate	ug/kg	1667.00	1225	74	
4-Chloro-3-methylphenol	ug/kg	1667.00	1258	76	
4-Chloroaniline	ug/kg	1667.00	1263	76	
bis(2-Chloroethoxy)methane	ug/kg	1667.00	1191	71	
bis(2-Chloroethyl) ether	ug/kg	1667.00	1024	61	
bis(2-Chloroisopropyl) ether	ug/kg	1667.00	1121	67	
2-Chloronaphthalene	ug/kg	1667.00	1148	69	
2-Chlorophenol	ug/kg	1667.00	1041	62	
4-Chlorophenylphenyl ether	ug/kg	1667.00	1119	67	
Chrysene	ug/kg	1667.00	1179	71	
Dibenz(a,h)anthracene	ug/kg	1667.00	1485	89	
Dibenzofuran	ug/kg	1667.00	1165	70	
1,2-Dichlorobenzene	ug/kg	1667.00	962.3	58	
1,3-Dichlorobenzene	ug/kg	1667.00	950.5	57	

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QUALITY CONTROL DATA

Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

LABORATORY CONTROL SAMPLE: 925921405

<u>Parameter</u>	<u>Units</u>	<u>Spike Conc.</u>	<u>LCS Result</u>	<u>LCS % Rec</u>	<u>Footnotes</u>
1,4-Dichlorobenzene	ug/kg	1667.00	983.1	59	
3,3'-Dichlorobenzidine	ug/kg	3333.00	1152	34	
2,4-Dichlorophenol	ug/kg	1667.00	1188	71	
Diethylphthalate	ug/kg	1667.00	1136	68	
2,4-Dimethylphenol	ug/kg	1667.00	1134	68	
Dimethylphthalate	ug/kg	1667.00	1190	71	
Di-n-butylphthalate	ug/kg	1667.00	1168	70	
4,6-Dinitro-2-methylphenol	ug/kg	1667.00	1071	64	
2,4-Dinitrophenol	ug/kg	1667.00	940.7	56	
2,4-Dinitrotoluene	ug/kg	1667.00	1213	73	
2,6-Dinitrotoluene	ug/kg	1667.00	1196	72	
Di-n-octylphthalate	ug/kg	1667.00	1291	78	
1,2-Diphenylhydrazine	ug/kg	1667.00	998.2	60	
bis(2-Ethylhexyl)phthalate	ug/kg	1667.00	1253	75	
Fluoranthene	ug/kg	1667.00	1158	70	
Fluorene	ug/kg	1667.00	1135	68	
1,2-Dichloro-1,3-butadiene	ug/kg	1667.00	974.3	58	
1,2,3-Trichlorobenzene	ug/kg	1667.00	1083	65	
Hexachlorocyclopentadiene	ug/kg	1667.00	1085	65	
Hexachloroethane	ug/kg	1667.00	936.6	56	
Indeno(1,2,3-cd)pyrene	ug/kg	1667.00	1521	91	
Isophorone	ug/kg	1667.00	1453	87	
2-Methylnaphthalene	ug/kg	1667.00	1128	68	
2-Methylphenol (o-Cresol)	ug/kg	1667.00	1041	62	
3&4-Methylphenol	ug/kg	1667.00	1145	69	
Naphthalene	ug/kg	1667.00	1067	64	
2-Nitroaniline	ug/kg	1667.00	1091	66	
3-Nitroaniline	ug/kg	1667.00	1133	68	
4-Nitroaniline	ug/kg	1667.00	1088	65	
Nitrobenzene	ug/kg	1667.00	1097	66	
2-Nitrophenol	ug/kg	1667.00	1106	66	
4-Nitrophenol	ug/kg	1667.00	932.9	56	
N-Nitroso-di-n-propylamine	ug/kg	1667.00	1102	66	
N-Nitrosodiphenylamine	ug/kg	1667.00	1256	75	
Pentachlorophenol	ug/kg	1667.00	1193	72	
Phenanthrene	ug/kg	1667.00	1175	70	
Phenol	ug/kg	1667.00	1017	61	

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QUALITY CONTROL DATA

Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

LABORATORY CONTROL SAMPLE: 925921405

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Pyrene	ug/kg	1667.00	1213	73	
1,2,4-Trichlorobenzene	ug/kg	1667.00	1020	61	
2,4,5-Trichlorophenol	ug/kg	1667.00	1075	64	
2,4,6-Trichlorophenol	ug/kg	1667.00	1163	70	
Nitrobenzene-d5 (S)				66	
2-Fluorobiphenyl (S)				69	
Terphenyl-d14 (S)				74	
Phenol-d5 (S)				63	
2-Fluorophenol (S)				61	
2,4,6-Tribromophenol (S)				64	

LABORATORY CONTROL SAMPLE: 925932238

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
naphthene	ug/kg	1667.00	1181	71	
1-naphthylene	ug/kg	1667.00	1192	72	
Anthracene	ug/kg	1667.00	1274	76	
Benzo(k) fluoranthene	ug/kg	1667.00	1147	69	
Benzo(b) fluoranthene	ug/kg	1667.00	1093	66	
Benzo(a) anthracene	ug/kg	1667.00	1226	74	
Benzoic acid	ug/kg	1667.00	576.3	35	
Benzo(g,h,i)perylene	ug/kg	1667.00	1901	114	
Benzyl alcohol	ug/kg	1667.00	1002	60	
Benzo(a)pyrene	ug/kg	1667.00	1203	72	
4-Bromophenylphenyl ether	ug/kg	1667.00	1191	72	
Butylbenzylphthalate	ug/kg	1667.00	1243	75	
4-Chloro-3-methylphenol	ug/kg	1667.00	1222	73	
4-Chloroaniline	ug/kg	1667.00	1286	77	
bis(2-Chloroethoxy)methane	ug/kg	1667.00	1081	65	
bis(2-Chloroethyl) ether	ug/kg	1667.00	823.3	49	
bis(2-Chloroisopropyl) ether	ug/kg	1667.00	872.6	52	
2-Chloronaphthalene	ug/kg	1667.00	1141	68	
2-Chlorophenol	ug/kg	1667.00	838.7	50	
4-Chlorophenylphenyl ether	ug/kg	1667.00	1157	69	
Chrysene	ug/kg	1667.00	1211	73	

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QUALITY CONTROL DATA

Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

LABORATORY CONTROL SAMPLE: 925932238

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Dibenz (a, h) anthracene	ug/kg	1667.00	1557	93	
Dibenzofuran	ug/kg	1667.00	1197	72	
1,2-Dichlorobenzene	ug/kg	1667.00	768.6	46	
1,3-Dichlorobenzene	ug/kg	1667.00	743.3	45	
1,4-Dichlorobenzene	ug/kg	1667.00	765.6	46	
3,3'-Dichlorobenzidine	ug/kg	3333.00	1147	34	
2,4-Dichlorophenol	ug/kg	1667.00	1137	68	
Diethylphthalate	ug/kg	1667.00	1156	69	
2,4-Dimethylphenol	ug/kg	1667.00	1024	62	
Dimethylphthalate	ug/kg	1667.00	1218	73	
Di-n-butylphthalate	ug/kg	1667.00	1231	74	
4,6-Dinitro-2-methylphenol	ug/kg	1667.00	1123	67	
2,4-Dinitrophenol	ug/kg	1667.00	876.7	53	
2,4-Dinitrotoluene	ug/kg	1667.00	1254	75	
2,6-Dinitrotoluene	ug/kg	1667.00	1233	74	
Di-n-octylphthalate	ug/kg	1667.00	1291	78	
-Diphenylhydrazine	ug/kg	1667.00	985.9	59	
(2-Ethylhexyl)phthalate	ug/kg	1667.00	1283	77	
Fluoranthene	ug/kg	1667.00	1208	72	
Fluorene	ug/kg	1667.00	1164	70	
Hexachloro-1,3-butadiene	ug/kg	1667.00	791.6	48	
Hexachlorobenzene	ug/kg	1667.00	1090	65	
Hexachlorocyclopentadiene	ug/kg	1667.00	899.0	54	
Hexachloroethane	ug/kg	1667.00	706.8	42	
Indeno (1,2,3-cd) pyrene	ug/kg	1667.00	1659	100	
Isophorone	ug/kg	1667.00	1326	80	
2-Methylnaphthalene	ug/kg	1667.00	1088	65	
2-Methylphenol (o-Cresol)	ug/kg	1667.00	989.5	59	
3&4-Methylphenol	ug/kg	1667.00	1082	65	
Naphthalene	ug/kg	1667.00	943.0	57	
2-Nitroaniline	ug/kg	1667.00	1082	65	
3-Nitroaniline	ug/kg	1667.00	1214	73	
4-Nitroaniline	ug/kg	1667.00	1301	78	
Nitrobenzene	ug/kg	1667.00	909.2	54	
2-Nitrophenol	ug/kg	1667.00	1020	61	
4-Nitrophenol	ug/kg	1667.00	897.7	54	
N-Nitroso-di-n-propylamine	ug/kg	1667.00	1007	60	

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QUALITY CONTROL DATA

Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

LABORATORY CONTROL SAMPLE: 925932238

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
N-Nitrosodiphenylamine	ug/kg	1667.00	1310	79	
Pentachlorophenol	ug/kg	1667.00	1216	73	
Phenanthrene	ug/kg	1667.00	1219	73	
Phenol	ug/kg	1667.00	890.4	53	
Pyrene	ug/kg	1667.00	1244	75	
1,2,4-Trichlorobenzene	ug/kg	1667.00	892.5	54	
2,4,5-Trichlorophenol	ug/kg	1667.00	1097	66	
2,4,6-Trichlorophenol	ug/kg	1667.00	1186	71	
Nitrobenzene-d5 (S)				56	
2-Fluorobiphenyl (S)				70	
Terphenyl-d14 (S)				76	
Phenol-d5 (S)				57	
2-Fluorophenol (S)				48	
2,4,6-Tribromophenol (S)				66	

RIX SPIKE & MATRIX SPIKE DUPLICATE: 925921421 925921439

Parameter	Units	925909467	Spike	MS	MSD	MS	MSD	RPD	Footnotes
		Result	Conc.	Result	Result	% Rec	% Rec		
Acenaphthene	ug/kg	0	1885.00	1130	1044	60	55	8	
1,4-Dichlorobenzene	ug/kg	0	1885.00	660.7	824.9	35	44	22	
2,4-Dinitrotoluene	ug/kg	0	1885.00	1176	1033	62	55	13	
N-Nitroso-di-n-propylamine	ug/kg	0	1885.00	991.4	990.0	53	52	0	
Pyrene	ug/kg	0	1885.00	1375	1171	73	62	16	
1,2,4-Trichlorobenzene	ug/kg	0	1885.00	899.8	999.4	48	53	10	
Nitrobenzene-d5 (S)						49	54		
2-Fluorobiphenyl (S)						58	56		
Terphenyl-d14 (S)						73	62		

SAMPLE DUPLICATE: 925921413

Parameter	Units	925915589	DUP	RPD	Footnotes
		Result	Result		
Acenaphthene	ug/kg	ND	ND	NC	
Acenaphthylene	ug/kg	ND	ND	NC	

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QUALITY CONTROL DATA

Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

SAMPLE DUPLICATE: 925921413

Parameter	Units	925915589	DUP	RPD	Footnotes
		Result	Result		
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	
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	

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QUALITY CONTROL DATA

Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

SAMPLE DUPLICATE: 925921413

Parameter	Units	925915589	DUP	RPD	Footnotes
		Result	Result		
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	2300	2200	9	
2-Methylphenol (o-Cresol)	ug/kg	ND	ND	NC	
3&4-Methylphenol	ug/kg	ND	ND	NC	
Naphthalene	ug/kg	1600	1600	4	
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	
Nitrophenol	ug/kg	ND	ND	NC	
Nitrophenol	ug/kg	ND	ND	NC	
N-Nitroso-di-n-propylamine	ug/kg	ND	ND	NC	
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)	%	64	66		
2-Fluorobiphenyl (S)	%	45	38		
Terphenyl-d14 (S)	%	45	47		
Phenol-d5 (S)	%	58	57		
2-Fluorophenol (S)	%	55	53		
2,4,6-Tribromophenol (S)	%	57	55		

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QUALITY CONTROL DATA

Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

METHOD BLANK: 925952079
Associated Lab Samples: 925915530

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
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	
hthalene	ug/kg	ND	5.0	
roplbenzene	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: 9299713
Client Project ID: ROW-136/WBS#32179

METHOD BLANK: 925952079
Associated Lab Samples: 925915530

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
Toluene-d8 (S)	%	97		
4-Bromofluorobenzene (S)	%	100		
Dibromofluoromethane (S)	%	110		
1,2-Dichloroethane-d4 (S)	%	109		

LABORATORY CONTROL SAMPLE: 925952087

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
Acetone	ug/kg	100.00	120.3	120	
Benzene	ug/kg	50.00	47.13	94	
Bromobenzene	ug/kg	50.00	48.66	97	
Bromochloromethane	ug/kg	50.00	50.41	101	
Bromodichloromethane	ug/kg	50.00	47.75	96	
Bromoform	ug/kg	50.00	47.07	94	
Bromomethane	ug/kg	50.00	53.00	106	
2-Butanone (MEK)	ug/kg	100.00	100.8	101	
n-Butylbenzene	ug/kg	50.00	44.31	89	
sec-Butylbenzene	ug/kg	50.00	48.23	96	
tert-Butylbenzene	ug/kg	50.00	45.90	92	
Carbon tetrachloride	ug/kg	50.00	50.07	100	
Chlorobenzene	ug/kg	50.00	45.79	92	
Chloroethane	ug/kg	50.00	52.15	104	
Chloroform	ug/kg	50.00	46.10	92	
Chloromethane	ug/kg	50.00	46.65	93	
2-Chlorotoluene	ug/kg	50.00	44.94	90	
4-Chlorotoluene	ug/kg	50.00	47.49	95	
1,2-Dibromo-3-chloropropane	ug/kg	50.00	49.03	98	
Dibromochloromethane	ug/kg	50.00	47.05	94	
1,2-Dibromoethane (EDB)	ug/kg	50.00	48.64	97	
Dibromomethane	ug/kg	50.00	50.82	102	
1,2-Dichlorobenzene	ug/kg	50.00	46.90	94	
1,3-Dichlorobenzene	ug/kg	50.00	46.46	93	
1,4-Dichlorobenzene	ug/kg	50.00	46.16	92	
Dichlorodifluoromethane	ug/kg	50.00	41.68	83	

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QUALITY CONTROL DATA

Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

LABORATORY CONTROL SAMPLE: 925952087

Parameter	Units	Spike	LCS	LCS	Footnotes
		Conc.	Result	% Rec	
1,1-Dichloroethane	ug/kg	50.00	47.43	95	
1,2-Dichloroethane	ug/kg	50.00	46.53	93	
1,1-Dichloroethene	ug/kg	50.00	52.12	104	
cis-1,2-Dichloroethene	ug/kg	50.00	48.83	98	
trans-1,2-Dichloroethene	ug/kg	50.00	51.03	102	
1,2-Dichloropropane	ug/kg	50.00	47.41	95	
1,3-Dichloropropane	ug/kg	50.00	44.28	89	
2,2-Dichloropropane	ug/kg	50.00	45.06	90	
1,1-Dichloropropene	ug/kg	50.00	46.84	94	
cis-1,3-Dichloropropene	ug/kg	50.00	48.46	97	
trans-1,3-Dichloropropene	ug/kg	50.00	45.74	92	
Diisopropyl ether	ug/kg	50.00	49.29	99	
Ethylbenzene	ug/kg	50.00	46.81	94	
Hexachloro-1,3-butadiene	ug/kg	50.00	52.95	106	
2-Hexanone	ug/kg	100.00	104.5	104	
Isopropylbenzene (Cumene)	ug/kg	50.00	50.58	101	
Isopropyltoluene	ug/kg	50.00	43.81	88	
o-xylene chloride	ug/kg	50.00	50.61	101	
4-Methyl-2-pentanone (MIBK)	ug/kg	100.00	100.9	101	
Methyl-tert-butyl ether	ug/kg	50.00	48.93	98	
Naphthalene	ug/kg	50.00	46.59	93	
n-Propylbenzene	ug/kg	50.00	46.63	93	
Styrene	ug/kg	50.00	46.94	94	
1,1,1,2-Tetrachloroethane	ug/kg	50.00	47.53	95	
1,1,2,2-Tetrachloroethane	ug/kg	50.00	44.75	90	
Tetrachloroethene	ug/kg	50.00	46.31	93	
Toluene	ug/kg	50.00	48.61	97	
1,2,3-Trichlorobenzene	ug/kg	50.00	55.38	111	
1,2,4-Trichlorobenzene	ug/kg	50.00	50.90	102	
1,1,1-Trichloroethane	ug/kg	50.00	47.44	95	
1,1,2-Trichloroethane	ug/kg	50.00	46.73	94	
Trichloroethene	ug/kg	50.00	46.20	92	
Trichlorofluoromethane	ug/kg	50.00	49.36	99	
1,2,3-Trichloropropane	ug/kg	50.00	44.77	90	
1,2,4-Trimethylbenzene	ug/kg	50.00	44.01	88	
1,3,5-Trimethylbenzene	ug/kg	50.00	42.28	85	
Vinyl acetate	ug/kg	100.00	80.99	81	

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QUALITY CONTROL DATA

Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

LABORATORY CONTROL SAMPLE: 925952087

<u>Parameter</u>	<u>Units</u>	<u>Spike</u>	<u>LCS</u>	<u>LCS</u>	<u>Footnotes</u>
		<u>Conc.</u>	<u>Result</u>	<u>% Rec</u>	
Vinyl chloride	ug/kg	50.00	43.74	88	
Xylene (Total)	ug/kg	150.00	141.8	94	
m&p-Xylene	ug/kg	100.00	96.46	96	
o-Xylene	ug/kg	50.00	45.34	91	
Toluene-d8 (S)				100	
4-Bromofluorobenzene (S)				98	
Dibromofluoromethane (S)				106	
1,2-Dichloroethane-d4 (S)				105	

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QUALITY CONTROL DATA

Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

METHOD BLANK: 925953705

Associated Lab Samples: 925915555 925915563 925915571 925915589

Parameter	Units	Blank	Reporting	Footnotes
		Result	Limit	
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	
m-xthalene	ug/kg	ND	5.0	
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: 9299713
Client Project ID: ROW-136/WBS#32179

METHOD BLANK: 925953705

Associated Lab Samples: 925915555 925915563 925915571 925915589

Parameter	Units	Blank Result	Reporting Limit	Footnotes
Toluene-d8 (S)	%	98		
4-Bromofluorobenzene (S)	%	98		
Dibromofluoromethane (S)	%	103		
1,2-Dichloroethane-d4 (S)	%	103		

LABORATORY CONTROL SAMPLE: 925953713

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	Footnotes
Acetone	ug/kg	100.00	87.48	88	
Benzene	ug/kg	50.00	45.90	92	
Bromobenzene	ug/kg	50.00	45.17	90	
Bromochloromethane	ug/kg	50.00	43.96	88	
Bromodichloromethane	ug/kg	50.00	47.53	95	
Bromoform	ug/kg	50.00	44.20	88	
Bromomethane	ug/kg	50.00	54.58	109	
2-Butanone (MEK)	ug/kg	100.00	86.37	86	
n-Butylbenzene	ug/kg	50.00	40.30	81	
sec-Butylbenzene	ug/kg	50.00	43.25	86	
tert-Butylbenzene	ug/kg	50.00	42.22	84	
Carbon tetrachloride	ug/kg	50.00	47.25	94	
Chlorobenzene	ug/kg	50.00	45.56	91	
Chloroethane	ug/kg	50.00	49.27	98	
Chloroform	ug/kg	50.00	45.26	90	
Chloromethane	ug/kg	50.00	42.96	86	
2-Chlorotoluene	ug/kg	50.00	42.29	85	
4-Chlorotoluene	ug/kg	50.00	43.62	87	
1,2-Dibromo-3-chloropropane	ug/kg	50.00	49.23	98	
Dibromochloromethane	ug/kg	50.00	47.27	94	
1,2-Dibromoethane (EDB)	ug/kg	50.00	46.18	92	
Dibromomethane	ug/kg	50.00	50.23	100	
1,2-Dichlorobenzene	ug/kg	50.00	43.93	88	
1,3-Dichlorobenzene	ug/kg	50.00	43.72	87	
1,4-Dichlorobenzene	ug/kg	50.00	43.33	87	
Dichlorodifluoromethane	ug/kg	50.00	39.61	79	

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QUALITY CONTROL DATA

Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

LABORATORY CONTROL SAMPLE: 925953713

<u>Parameter</u>	<u>Units</u>	<u>Spike Conc.</u>	<u>LCS Result</u>	<u>LCS % Rec</u>	<u>Footnotes</u>
1,1-Dichloroethane	ug/kg	50.00	43.38	87	
1,2-Dichloroethane	ug/kg	50.00	44.84	90	
1,1-Dichloroethene	ug/kg	50.00	49.15	98	
cis-1,2-Dichloroethene	ug/kg	50.00	44.97	90	
trans-1,2-Dichloroethene	ug/kg	50.00	46.63	93	
1,2-Dichloropropane	ug/kg	50.00	43.83	88	
1,3-Dichloropropane	ug/kg	50.00	44.96	90	
2,2-Dichloropropane	ug/kg	50.00	43.75	88	
1,1-Dichloropropene	ug/kg	50.00	44.38	89	
cis-1,3-Dichloropropene	ug/kg	50.00	45.81	92	
trans-1,3-Dichloropropene	ug/kg	50.00	45.84	92	
Diisopropyl ether	ug/kg	50.00	43.64	87	
Ethylbenzene	ug/kg	50.00	45.42	91	
Hexachloro-1,3-butadiene	ug/kg	50.00	48.50	97	
2-Hexanone	ug/kg	100.00	100.7	101	
Isopropylbenzene (Cumene)	ug/kg	50.00	49.84	100	
n-Isopropyltoluene	ug/kg	50.00	40.18	80	
o-Dichlorobenzene	ug/kg	50.00	45.16	90	
4-Methyl-2-pentanone (MIBK)	ug/kg	100.00	99.23	99	
Methyl-tert-butyl ether	ug/kg	50.00	44.46	89	
Naphthalene	ug/kg	50.00	42.46	85	
n-Propylbenzene	ug/kg	50.00	43.21	86	
Styrene	ug/kg	50.00	45.90	92	
1,1,1,2-Tetrachloroethane	ug/kg	50.00	44.98	90	
1,1,2,2-Tetrachloroethane	ug/kg	50.00	44.23	88	
Tetrachloroethene	ug/kg	50.00	45.30	91	
Toluene	ug/kg	50.00	45.25	90	
1,2,3-Trichlorobenzene	ug/kg	50.00	50.43	101	
1,2,4-Trichlorobenzene	ug/kg	50.00	50.76	102	
1,1,1-Trichloroethane	ug/kg	50.00	45.41	91	
1,1,2-Trichloroethane	ug/kg	50.00	44.37	89	
Trichloroethene	ug/kg	50.00	45.38	91	
Trichlorofluoromethane	ug/kg	50.00	46.03	92	
1,2,3-Trichloropropane	ug/kg	50.00	43.41	87	
1,2,4-Trimethylbenzene	ug/kg	50.00	39.72	79	
1,3,5-Trimethylbenzene	ug/kg	50.00	40.12	80	
Vinyl acetate	ug/kg	100.00	102.0	102	

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QUALITY CONTROL DATA

Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

LABORATORY CONTROL SAMPLE: 925953713

<u>Parameter</u>	<u>Units</u>	<u>Spike Conc.</u>	<u>LCS Result</u>	<u>LCS % Rec</u>	<u>Footnotes</u>
Vinyl chloride	ug/kg	50.00	42.33	85	
Xylene (Total)	ug/kg	150.00	135.7	90	
m&p-Xylene	ug/kg	100.00	91.19	91	
o-Xylene	ug/kg	50.00	44.53	89	
Toluene-d8 (S)				97	
4-Bromofluorobenzene (S)				106	
Dibromofluoromethane (S)				99	
1,2-Dichloroethane-d4 (S)				100	

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QUALITY CONTROL DATA

Lab Project Number: 9299713
Client Project ID: ROW-136/WBS#32179

QC Batch: 133805	Analysis Method: % Moisture			
QC Batch Method:	Analysis Description: Percent Moisture			
Associated Lab Samples:	925915514	925915522	925915530	925915555
	925915571	925915589		925915563

SAMPLE DUPLICATE: 925916421

<u>Parameter</u>	<u>Units</u>	925915084 <u>Result</u>	DUP <u>Result</u>	<u>RPD</u>	<u>Footnotes</u>
Percent Moisture	%	30.60	30.60	0	

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Lab Project Number: 9299713
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] The spike recovery was outside acceptance limits for the MS and /or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

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