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EnviroAssessments

Property Transaction Assessments
Environmental / Geological Investigations
Asbestos / Mold / Wetlands Surveys

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LIMITED SITE ASSESSMENT - PHASE II
FOR
R.D. PATE ESTATE
101 East Main Street
Pikeville, Wayne County, North Carolina

RECEIVED
OCT 26 2007
SUPERFUND SECTION

Facility I.D. Number: 0-002653
Incident Number: 7568
Risk Classification: Low
Latitude: 35° 29' 51.4681" North Longitude: 77° 58' 59.9161" West

October 8, 2007

STATE FILE

PREPARED FOR
Mr. John T. Rybak, Vice President
Environmental Risk Manager
Branch Banking & Trust Company
5130 Parkway Plaza Boulevard
Charlotte, North Carolina 28217
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FORMER UST OWNER/OPERATOR AND CURRENT PROPERTY OWNER
Richard David Pate
P.O. Box 54
Pikeville, North Carolina 27863

CONSULTANT
EnviroAssessments, PLLC
9307 Monroe Rd., Suite K
Charlotte, North Carolina 28270
(704) 846-8853
EA Project No. 07-7019.3

RELEASE INFORMATION

A petroleum release was discovered at the site on July 13, 2007 as a result of elevated petroleum hydrocarbon concentrations detected in soil and groundwater samples collected during a Phase II Environmental Assessment from five former petroleum UST locations. The release is the result of past discharges suspected from the former UST system. The estimated quantity of the release is unknown.

Jeremy Odom
Senior Project Manager

NORTH CAROLINA LICENSED SEAL 1337 GEOLOGIST GARY K. SAWYER

Gary K. Sawyer, L.G.
Principal
NC License No. 1337

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Appendix 3: Laboratory Analytical Reports and Chain of Custody Forms
Appendix 4: Standard Field Methods and Sampling Protocol
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1.0 GENERAL INFORMATION

The subject site ("the Project") is owned by Richard David Pate and consists of approximately 0.12 acres. The Project is located in an urban area at 101 East Main Street in Pikeville, Wayne County, North Carolina. The Project location is depicted on the attached Site Location Map, **Figure 1**. The property contains one approximately 3,397 square foot one-story building constructed in phases throughout the 1940s and 1950s. Historically, the Project operated as an automotive repair facility and service station from the late 1940s to 1992; prior to which it was reportedly residential land. The building is currently operating as an automotive and equipment repair facility known as Historic Sites Maintenance Shop - North Carolina Department of Cultural Resources. The remainder of the property is utilized as a gravel parking area.

2.0 SITE HISTORY

The Project is currently owned by Richard David Pate and contains one approximately 3,397 square foot one-story building constructed in phases throughout the 1940s and 1950s. Historically, the Project operated as an automotive repair facility and service station from the late 1940s to 1992; prior to which time it was reportedly residential land. The building is currently operating as an automotive and equipment repair facility known as Historic Sites Maintenance Shop-North Carolina Department of Cultural Resources. The remainder of the property is utilized as a gravel parking area.

The facility previously operated one 280-gallon oil UST which was installed in 1946; one 4,000-gallon gasoline UST and one 3,000-gallon gasoline UST which were installed in 1951; and two 3,000-gallon gasoline USTs which were installed in 1974. The location of the former UST area is depicted on the Site Plan, **Figure 2,** and the UST details are presented in the following table.

Former Underground Storage Tank Data

Tank	Gallons	Installation Date	Closure Date	Contents
1	280	1946	11-20-1989	Heating Oil
2	4000	1951	11-20-1989	Gasoline
3	3000	1951	11-20-1989	Gasoline
4	3000	1974	11-20-1989	Gasoline

5	**3000**	**1974**	**11-20-1989**	**Gasoline**

Ownership of the former UST system is unknown. However, the current Property owner of record is:

Richard David Pate
PO Box 54
Pikeville, North Carolina 27863.

The USTs were operated under the name Pate's Service Station and Garage (Facility ID #0-002653), and all of the USTs were removed in 1989. According to Ms. Rose Ballance with the NCDENR Washington Regional Office - UST Division, the files regarding the former USTs and LUST incident are archived and are not readily available for review. However, Ms. Ballance advised EA that soil and groundwater at the site were most recently tested on January 26, 2005. According to Ms. Ballance, both soil and groundwater contamination were identified to be below state contaminant levels and the incident was issued a "case closed" status on March 3, 2005. No additional information regarding the details of the closure of the USTs was identified.

In July 2007, at the request of BB&T, EA performed a subsurface investigation (Phase II ESA) at the Project. The investigation was conducted to further evaluate soil and groundwater in the location of the site's former petroleum USTs. The subsurface investigation confirmed the presence of petroleum contamination in soil and groundwater. The constituents identified in the soil and groundwater appeared to be a result of releases associated with the former on-site UST system. Groundwater samples WS-1 and WS-2, both of which were collected within the boundaries of the Project's former UST basin, revealed one or more constituents at concentrations which exceeded their respective NCAC 2L Groundwater Standards by a factor of 10 or more. Additionally, EA personnel identified one water supply well located approximately 100 feet to the east of the source area during initial reconnaissance.

Results of the assessment activities were submitted to the R.D. Pate Estate in EA's *Report of a Phase II Environmental Site Assessment*, dated July 25, 2007. Written notice of the release was subsequently provided verbally and by written form to the NCDENR Washington Regional Office by EnviroAssessments, PLLC (EA). On August 16, 2007, a 24-hour Release Report was submitted by EA to the North Carolina Department of Environment and Natural Resources (NCDENR) on behalf of the R.D. Pate Estate. BB&T subsequently authorized EA to complete a Limited Site Assessment (LSA II), the details of which are provided in this report.

3.0 RISK CHARACTERIZATION

The surrounding properties are primarily commercial in nature. East Main Street fronts the Project to the south and Northeast Railroad Street fronts the Project to the west. Adjacent property owners are listed in

Table 1. The site property lines and the adjacent properties are shown on **Figure 3.** The Project and the surrounding sites are served by the municipal water and sewer system; however, the property owned by Mr. Phil Hardy adjacent to the east located at 103 East Main Street maintains an "open" water supply well. According to a telephone conversation with Mr. Hardy, the water supply well is approximately 100 years old but has not been used in 35-40 years and is currently obsolete.

The completed Limited Site Assessment Risk Classification and Land Use Form is included as **Appendix 1.** Based on the proximity of one water supply well located on the east adjacent property within 500 feet of the source area (which is not in use), the incident should be classified as "high risk" and is located in a commercial area.

4.0 RECEPTOR INFORMATION

4.1 Water Supplies

The majority of properties surrounding the Project site are served by the municipal water supply provided by Wayne County Water District. The municipal water is provided by wells that are located in the southeast portion of the county near the Lenoir and Wayne county line and in the western portion of the county near the Johnston and Wayne county line. No wells are located within a 25 mile radius of the town of Pikeville. The distribution lines for the water supply are routed along adjacent road rights-of-way. On September 5, 2007, EA personnel performed a receptor survey. To date, one (1) water supply well has been identified within 1,500 feet of the subject site. Detailed water supply well information is included in **Table 1** and property owner locations are shown on **Figure 3.**

The adjacent property to the east, located at 103 East Main Street, currently maintains one water supply well located approximately 100 feet east of the source area of release. EA interviewed the property owner, Mr. Phil Hardy, on September 14, 2007 who informed EA that the well remains open but has not been in use for approximately 35-40 years. Based on discussions with Mr. Hardy, the water supply well became obsolete after the Town of Pikeville supplied public potable water to the subject site.

4.2 Surface Water

The nearest surface water body is an intermittent drainage feature of The Slough, located approximately 1,500 feet south of the source area of release (**Figures 1 and 3**).

4.3 Wellhead Protection Areas

At the time of this investigation, no designated wellhead protection areas, as defined in 42 USC300h-7(e), are reported to exist within 1,500 feet of the source area.

4.4 Deep Aquifers In The Coastal Plain Physiographic Province

According to the *Geologic Map of North Carolina*, dated 1985, the Project is located in the Yorktown Formation of the Coastal Plain Physiographic Province of North Carolina. The Yorktown Formation is of Pliocene age (2 to 5 millions years) and consists primarily of fossiliferous clay with varying amounts of fine grained sand and bluish gray shell material commonly concentrated in lenses. This region of the Coastal Plain is typically underlain by schist, granite or volcanic basement rock varying in thickness from a few feet near bedrock outcrops to over 500 feet in some areas. The hydrogeologic unit for this region is the Black Creek Aquifer, which has been shown to be very effectively confined by Lautier (2001). Most of the recharge to the Black Creek aquifer occurs near its westward limit where it is close to the surface, and covered exclusively by Quaternary age deposits.

4.5 Subsurface Structures

No basement is present at the Project. Underground utility lines at the Project include water and sewer lines running parallel to road right-of-ways. These utilities are buried within a few feet of the ground surface and are not likely to be receptors for petroleum contaminated soil or groundwater at the site.

Considering the distance of the subsurface structures from the release point and the depth to groundwater, the potential is minimal that the subsurface structures would provide a preferential contaminant migration pathway. In addition, the potential for vapors to infiltrate the building appear minimal due to the low volatility of the petroleum-contaminated soil and the fact that no vapors have been previously reported.

4.6 Land Use

The Project is located in an area of Pikeville consisting of single family residences, commercial properties and undeveloped land. Residential properties and undeveloped land bound the Project to the east and south, and commercial properties bound the Project to the north and west. **Table 1, Figures 3 and 4,** and **Appendix 1** detail the surrounding properties and land use.

4.8 Property Owners and Occupants

The names and addresses of property owners within and adjacent to the Project are listed in **Table 1.** See **Figure 3** for a corresponding tax map location of the adjacent property owners.

5.0 SITE GEOLOGY

Based on a review of the geologic map (North Carolina Geological Survey, 1985) of the site vicinity, the Project is located in the Yorktown Formation of the Coastal Plain Physiographic Province of North Carolina. The Yorktown Formation is of Pliocene age (2 to 5 millions years) and consists primarily of fossiliferous clay with varying amounts of fine grained sand and bluish gray shell material commonly concentrated in lenses. This region of the Coastal Plain is typically underlain by schist, granite or volcanic basement rock varying in thickness from a few feet near bedrock outcrops to over 500 feet in some areas. Based on the soil borings

performed at the property, the soils at the site consist of dark brown silty clay to light brown silty sand from the surface to approximately four feet below ground level.

6.0 SUMMARY OF SAMPLING ACTIVITIES AND RESULTS

6.1 LSA-II Activities

On September 5, 2007, EA personnel utilized a track-mounted Geoprobe unit for the installation of four monitoring wells at the Project site in the locations depicted on **Figure 2.** MW-1 was installed approximately 4 feet from the northwest corner of the subject building along Northeast Railroad Street in an assumed up-gradient location. MW-2 was installed approximately 26 feet from the southwest corner of the subject building at the intersection of Northeast Railroad Street and East Main Street in an assumed cross-gradient location. MW-3 was installed approximately 30 feet east of Northeast Railroad Street and approximately 15 feet south of the southern elevation of the subject building in an assumed down-gradient location. MW-4 was installed approximately 8 feet from the southeast corner of the subject building in an assumed down-gradient location. Well construction records are attached as **Appendix 2.** Groundwater was encountered at approximately 6.5 feet BG at the time of drilling.

6.1.1 Soil Assessment

On September 5, 2007, EA collected a soil sample from each of the LSA monitoring well locations, as the exact source area was unknown. One soil sample was collected during each well installation (S-1, S-2, S-3 and S-4). All soil samples were collected from a boring depth of 4 feet BG. Portions of the soil samples were submitted to U.S. Biosystems in Boca Raton, Florida (a North Carolina-certified laboratory) for analysis of volatile and semi-volatile organic compounds by EPA Methods 8260/8270. The remainder of the soil samples were submitted to Prism Laboratories, Inc. in Charlotte, North Carolina (also a North Carolina-certified laboratory) for analysis of volatile petroleum hydrocarbons (VPH) and extractable petroleum hydrocarbons (EPH) using the Massachusetts Department of Environmental Protection (MADEP) Methods. A chain-of-custody form was maintained with the samples. The laboratory report and chain of custody forms are presented in **Appendix 3**, and the laboratory analytical results are detailed on **Table 3.** Standard field methods and sampling protocol are provided in **Appendix 4**.

Laboratory analysis of soil sample S-2-4, collected from the monitoring well boring location (MW-2) at a depth of 4 feet BG, revealed slightly elevated levels of Benzene at a concentration of 0.473 milligrams per kilogram (mg/kg), exceeding its respective Soil-to-Water MSCC of 0.0056 mg/kg. Several additional common petroleum constituents were also identified at this soil sample location at concentrations which exceeded their respective Soil-to-Water MSCCs. None of the concentrations exceeded the Residential MSCCs.

None of the target analytes were detected in soil samples S-1-4, S-3-4 or S-4-4.

6.1.2 Groundwater Assessment

EA personnel purged each of the 4 monitoring wells of at least 5 well volumes of groundwater and allowed the monitoring wells to equilibrate before gauging water levels on September 11, 2007, using a Heron water level meter. The depth to the groundwater table ranged from 5.70 feet BG (MW-4) to 6.59 feet BG (MW-1). Using a SpectraVision Laser Level, EA personnel surveyed the elevations of the tops of each well casing. Using an assumed benchmark elevation, EA calculated relative well casing elevations. Using the water table depths, EA then calculated the relative water table elevations at each well point. The casing and water table data are provided on **Table 2**. All of the monitoring wells appear to be hydraulically connected as part of the same surficial water table aquifer. The relative water table elevations and groundwater flow direction are presented on **Figure 5**. Based on water table elevation data collected on September 11, 2007, the groundwater flow direction is calculated to be toward the northwest. The hydraulic gradient in the study area is calculated to be 0.006 ft./ft.

On September 11, 2007, EA purged and sampled monitoring wells MW-1, MW-2, MW-3 and MW-4. Portions of the groundwater samples were submitted to U.S. Biosystems in Boca Raton, Florida for analysis of volatile and semi-volatile organic compounds by EPA Methods 8260/8270. The remainder of the groundwater samples were submitted to Prism Laboratories, Inc. in Charlotte, North Carolina (also a North Carolina-certified laboratory) for analysis of volatile petroleum hydrocarbons (VPH) and extractable petroleum hydrocarbons (EPH) using the Massachusetts Department of Environmental Protection (MADEP) Methods. A copy of the laboratory report is attached as **Appendix 1**. The analytical results for this groundwater sampling event are summarized in **Table 4**.

The groundwater samples from each of the monitoring wells revealed levels of target analytes which exceed the state's minimal reporting action limit, the NCAC 2L Groundwater Standards. The compounds included common petroleum and solvent-related contaminants.

> MW-1 revealed concentrations of 2 chlorinated solvent target analytes, Trichloroethene (TCE) and 1,1,2,2-Tetrachloroethane, which exceed their respective NCAC 2L Groundwater Standards.
>
> MW-2 revealed concentrations of TCE and 1,1,2,2-Tetrachloroethane (chlorinated solvent analytes) and Diisopropyl Ether and Benzene (petroleum-related analytes); all of which exceed their respective NCAC 2L Groundwater Standards.
>
> MW-3 revealed concentrations of the petroleum-related analytes Diisopropyl Ether; Benzene; and Naphthalene; all of which exceed their respective NCAC 2L Groundwater Standards.
>
> MW-4 revealed concentrations of the petroleum-related analytes Total Xylenes and Naphthalene, both of which exceed their respective NCAC 2L Groundwater Standards.

Several other target analytes were revealed at detectable concentrations, none of which exceeded their NCAC 2L Standards. None of the detected analytes exceed their respective Gross Contamination Levels (GCLs).

The extent of Benzene and TCE in groundwater are depicted on their respective Groundwater Isoconcentration Maps attached as **Figures 6 and 7.** The source of the petroleum-related compounds (Benzene, Xylenes and Naphthalene) appears to be the western side of the former UST basin. The source of the chlorinated solvent-related compounds (TCE and 1,1,2,2-Tetrachlroethane) appears to be the area of the site located between the garage doors and the former UST basin. All of the compounds appear to be migrating off-site toward the west and across North East Railroad Street. The lateral extents of the petroleum and chlorinated solvent contamination plumes in groundwater have not been defined in the down-gradient direction and the extent of impact to off-site properties has not been determined.

The constituents that were detected in groundwater above the NCAC 2L Standards are characteristic of petroleum and solvent compounds and appear to be a result of a combination of releases (leaks and spills) from the former UST systems and from the on-site automotive and equipment repair operations areas. Refer to **Section 7.0** for discussion of EA's Findings and Conclusions.

7.0 FINDINGS AND CONCLUSIONS

Based on the results of this Phase II LSA, EA offers the following conclusions:

- The constituents that were detected in soil and groundwater at the Project are characteristic of petroleum and solvent compounds and appear to be a result of a combination of releases (leaks and spills) from the former UST systems and from the on-site automotive and equipment repair operations. The UST systems have been removed and EA noted no current on-site disposal activities or other release sources of the compounds at the Project site.

- Only one soil sample revealed elevated levels of the petroleum compound Benzene, which exceeded its respective Soil-to-Water MSCC. No other constituents were identified in any soil samples at concentrations which exceed their respective Soil-to-Water MSCCs. None of the concentrations in soil samples exceeded the Residential MSCCs.

- No petroleum free product was detected as a result of the release.

- The groundwater samples from each of the monitoring wells revealed levels of target analytes which exceed the state's minimal reporting action limit, the NCAC 2L Groundwater Standards. The compounds included common petroleum and solvent-related contaminants. None of the detected analytes exceed their respective Gross Contamination Levels (GCLs).

- The LSA receptor survey performed by EA personnel identified one (1) drinking water supply well

within 1,500 feet of the Project. The vacant lot adjacent to the east of the Project, located at 103 East Main Street, maintains the active water supply well. This well is located approximately 100 feet east of the source area of release. The well remains open but has not been in use for approximately 35-40 years.

- The Project and the remainder of surrounding properties in the Project area have access to the municipal water supply.

- The nearest surface water feature is an intermittent drainage feature in the headwater of The Slough, located approximately 1,500 feet south of the Project.

- The site location and other risk factors appear to classify the site as commercial and the surrounding area as residential/commercial. One water supply well is located within 1,000 feet of the source area. The release should be classified as a "high risk" incident under the state's Risk-based Corrective Action guidelines.

8.0 RECOMMENDATIONS

The constituents that were detected in soil and groundwater at the Project are characteristic of petroleum and chlorinated solvent compounds and appear to be a result of a combination of releases (leaks and spills) from the former UST systems and from the on-site automotive and equipment repair operations. Each of the 2 release incidents is addressed by a separate division within the NCDENR.

Petroleum Incident

The LSA receptor survey performed by EA personnel identified one (1) drinking water supply well within 1,500 feet of the Project. EA recommends the following activities to lower the risk classification:

- Proper abandonment of the water supply well described above which is located approximately 100 feet to the east of the Project on the adjacent property owned by Phil Hardy.

This activity should serve to allow re-classification of the incident as "low risk" and allow closure of the petroleum-related incident pending filing of a deed restriction to address the remaining petroleum contamination in on-site soil and groundwater.

Chlorinated Solvent Incident

Regarding the chlorinated solvent compounds in groundwater, EA recommends that the chlorinated solvent contamination in groundwater be reported to the state's Inactive Hazardous Sites Branch (IHSB) in order that a determination is made as to any additional requirements for assessment or remediation. The IHSB may allow the incident to be closed or the IHSB may require additional assessment to identify any on-site sources of the compounds.

TABLES

TABLE 1

ADJACENT PROPERTY OWNER/OCCUPANT AND WATER SUPPLY WELL SURVEY INFORMATION
R.D. PATE ESTATE
INCIDENT NUMBER: 7568
PIKEVILLE, WAYNE COUNTY, NORTH CAROLINA
ENVIROASSESSMENTS, PLLC PROJECT NO. 07-7019.3

Property Address	Owner Name and Address	Parcel ID (See Fig 3)	Distance from Source Area	No. of Wells on Property	Well Depth (ft BGS)	Well Casing Depth (ft BGS)	Type of Well	Well Information/Status	Well Use
101 East Main Street (Subject Property)	Richard D. Pate P.O. Box 54 Pikeville, NC 27863	3603276476	SITE 1	0	NA	NA	NA	NA	NA
100 East Railroad Street	Robin R. Sutherland P.O. Box 10547 Goldsboro, NC 27532	3603276582	Adjacent North 2	0	NA	NA	NA	NA	NA
103 Main Street	J. Hardy Tile Inc. 139 Graceland Drive Pikeville, NC 27863	3603277551	Adjacent East 3	1	Unknown	Unknown	Water Supply	Open	Not In Use
101 Southeast Railroad Street	Richard D. Pate P.O. Box 54 Pikeville, NC 27863	3603277363	Adjacent Southeast 4	0	NA	NA	NA	NA	NA
101 Southeast Railroad Street	Richard D. Pate P.O. Box 54 Pikeville, NC 27863	3603276374	Adjacent Southwest 5	0	NA	NA	NA	NA	NA
North Railroad Street	Charlie B. & Lucinda H. Howell P.O. Box 37 Pikeville, NC 27863	3603274421	Adjacent Southwest 6	0	NA	NA	NA	NA	NA
North Railroad Street	Charlie B. Howell et al P.O. Box 37 Pikeville, NC 27863	3603274426	Adjacent West 7	0	NA	NA	NA	NA	NA
North Railroad Street	Charlie B. Howell et al P.O. Box 37 Pikeville, NC 27863	3603274434	Adjacent West 8	0	NA	NA	NA	NA	NA
Railroad Street	William J. & Carol S. Evans 366 Forehand Road Pikeville, NC 27863	3603274428	Adjacent Northwest 9	0	NA	NA	NA	NA	NA

TABLE 2

MONITORING WELL CONSTRUCTION/WATER LEVEL INFORMATION
R.D. PATE ESTATE
INCIDENT NUMBER: 7568
PIKEVILLE, WAYNE COUNTY, NORTH CAROLINA
ENVIROASSESSMENTS, PLLC - PROJECT NO. 07-7019.3

Well I.D.	Installation Date	Well Inner Diameter (in.)	Total Well Depth (ft., bgs)	Screened Interval (ft., bgs)	Top of Casing Relative Elevation (ft.)	DTW 9/11/07 (ft., TOC)	Relative Water Table Elevation (ft.)
MW-1	9/5/2007	2	14.06	4 to 14	100.66	6.59	94.07
MW-2	9/5/2007	2	14.02	4 to 14	100.00	5.88	94.12
MW-3	9/5/2007	2	14.23	4 to 14	100.24	6.10	94.14
MW-4	9/5/2007	2	14.14	4 to 14	100.35	5.70	94.65

TOC = top of casing.

DTW = depth to water.

bgs = below ground surface

TABLE 3

SOIL ANALYTICAL RESULTS
R.D. PATE ESTATE
INCIDENT NUMBER: 7568
101 EAST MAIN STREET
PIKEVILLE, WAYNE COUNTY, NORTH CAROLINA
ENVIROASSESSMENTS, PLLC PROJECT NO. 07-7019.3

Sample ID	Analytical Method	S-1-4	S-2-4	S-3-4	S-4-4	Residential MSCC	Industrial/ Commercial MSCC	Soil-to-Water MSCC
Sample Depth (ft, bgs)		4	4	4	4			
Collection Date		9/5/2007	9/5/2007	9/5/2007	9/5/2007			
Volatile Organic Compounds by EPA Method 8260B with IPE and MTBE								
Benzene	8260B	ND	**0.473**	ND	ND	18	164	0.0056
Ethylbenzene	8260B	ND	**6.33**	ND	ND	1560	40000	4.6
M&P Xylenes	8260B	ND	**23**	ND	ND	3129	81760	5
O-Xylene	8260B	ND	**7.38**	ND	ND	3129	81760	5
Total Xylenes	8260B	ND	**30.4**	ND	ND	3129	81760	5
Isopropylbenzene	8260B	ND	0.93	ND	ND	1564	40880	1.7
N-Propylbenzene	8260B	ND	**2.96**	ND	ND	626	16350	1.7
1,3,5-Trimethylbenzene	8260B	ND	5.75	ND	ND	782	20440	7.3
1,2,4-Trimethylbenzene	8260B	ND	**16.30**	ND	ND	782	20440	7.5
P-Isopropyltoluene	8260B	ND	**1.22**	ND	ND	NE	NE	NE
N-Butylbenzene	8260B	ND	0.995	ND	ND	626	16350	4.3
Naphthalene	8260B	ND	**3.30**	ND	ND	313	8176	0.58
Semivolatile Organic Compounds by EPA Method 8270C								
Naphthalene	8270C	ND	0.573	ND	ND	313	8176	0.58
1-Methylnaphthalene	8270C	ND	**0.304**	ND	ND	NE	NE	NE
2-Methylnaphthalene	8270C	ND	0.626	ND	ND	63	1635	1.7
Volatile Petroleum Hydrocarbons (MADEP VPH)								
C5 - C8 Aliphatic Hydrocarbons	VPH	ND	**620**	ND	ND	939	24528	72
C9 - C12 Aliphatic Hydrocarbons	VPH	ND	**600**	ND	ND	NE	NE	NE
C9 - C10 Aromatic Hydrocarbons	VPH	ND	**170**	ND	ND	469	12264	34
Extractible Petroleum Hydrocarbons (MADEP EPH)								
C9 - C18 Aliphatic Hydrocarbons	EPH	ND	19	ND	ND	9386	245280	3300
C19 - C36 Aliphatic Hydrocarbons	EPH	ND	ND	ND	ND	93860	NE	NE
C11 - C22 Aromatic Hydrocarbons	EPH	ND	9.1	ND	ND	469	12264	34

Notes:
All concentrations are reported in milligrams per kilogram (mg/kg).
ft, bgs - feet below ground surface
NE - Not Established
NT - Not Tested
ND - Not Detected
Bold values exceed respective Soil-to-Water Maximum Soil Contaminant Concentrations (MSCCs).

TABLE 4

GROUNDWATER ANALYTICAL RESULTS
R.D. PATE ESTATE
INCIDENT NUMBER: 7568
101 EAST MAIN STREET
PIKEVILLE, WAYNE COUNTY, NORTH CAROLINA
ENVIROASSESSMENTS, PLLC PROJECT NO. 07-7019.3

Sample ID Collection Date	Analytical Method	MW-1 9/11/2007	MW-2 9/11/2007	MW-3 9/11/2007	MW-4 9/11/2007	North Carolina 2L Groundwater Quality Standards	Gross Contamination Levels for Groundwater
Volatile Organic Compounds by EPA Method 8260B							
Methyl Tert-Butyl Ether	8260B	1.7	ND	ND	ND	200	200000
Trichloroethene	8260B	**9.51**	**21.5**	ND	ND	2.8	2800
1,1,2,2-Tetrachloroethane	8260B	**49.4**	**134**	ND	ND	0.17	170
Diisopropyl Ether	8260B	ND	**95.3**	**73.5**	ND	70	70000
Cis-1,2-Dichloroethene	8260B	ND	**17.1**	ND	ND	70	70000
Benzene	8260B	ND	**418**	**155**	ND	1	5000
Toluene	8260B	ND	**530**	**351**	**49.1**	1000	257500
Ethyl Benzene	8260B	ND	**96.4**	**75.4**	**166**	550	84500
M&P Xylenes	8260B	ND	**171**	**161**	**645**	530	87500
O-Xylene	8260B	ND	**126**	**95.9**	**285**	530	87500
Xylenes, Total	8260B	ND	**297**	**257**	**930**	530	87500
1,3,5-Trimethylbenzene	8260B	ND	**16.2**	**12**	**122**	350	25000
1,2,4-Trimethylbenzene	8260B	ND	**34.7**	**35.4**	**331**	350	28500
Naphthalene	8260B	ND	**15.1**	**30**	**81.2**	21	15500
Styrene	8260B	ND	ND	ND	**3.76**	100	100000
Isopropylbenzene	8260B	ND	ND	ND	**15.1**	70	25000
N-Propylbenzene	8260B	ND	ND	ND	**42**	70	30000
P-Isopropyltoluene	8260B	ND	ND	ND	**2.94**	NE	NE
N-Butylbenzene	8260B	ND	ND	ND	**24**	70	6900
Semivolatile Organic Compounds by EPA Method 8270C							
2-Methylphenol	8270C	ND	**18.3**	ND	ND	NE	NE
Benzyl Alcohol	8270C	ND	ND	**12**	ND	NE	NE
Naphthalene	8270C	ND	ND	**15.5**	**15.5**	21	15500
Nitrobenzene	8270C	ND	ND	ND	**4.82**	NE	NE
Volatile Petroleum Hydrocarbons (MADEP VPH)							
C5 - C8 Aliphatic Hydrocarbons	VPH	ND	**680**	**400**	**1600**	420	NE
C9 - C10 Aromatic Hydrocarbons	VPH	ND	**200**	**260**	**1900**	210	NE
C9 - C12 Aliphatic Hydrocarbons	VPH	ND	**440**	**540**	**2000**	4200	NE
Extractable Petroleum Hydrocarbons (MADEP EPH)							
C11 - C22 Aromatic Hydrocarbons	EPH	ND	**130**	**140**	ND	210	NE
C19 - C36 Aliphatic Hydrocarbons	EPH	ND	ND	ND	ND	42000	NE
C9 - C18 Aliphatic Hydrocarbons	EPH	ND	ND	ND	ND	4200	NE
Lead by EPA Method 3030C							
Lead	3030C	10.9	13.7	13.1	**131**	15	15000

Notes:
All concentrations are reported in micrograms per liter (ug/L).
ND - Not Detected
NT - Not Tested
NE - Not Established
Bold results exceed NCAC 2L Standards.

FIGURES

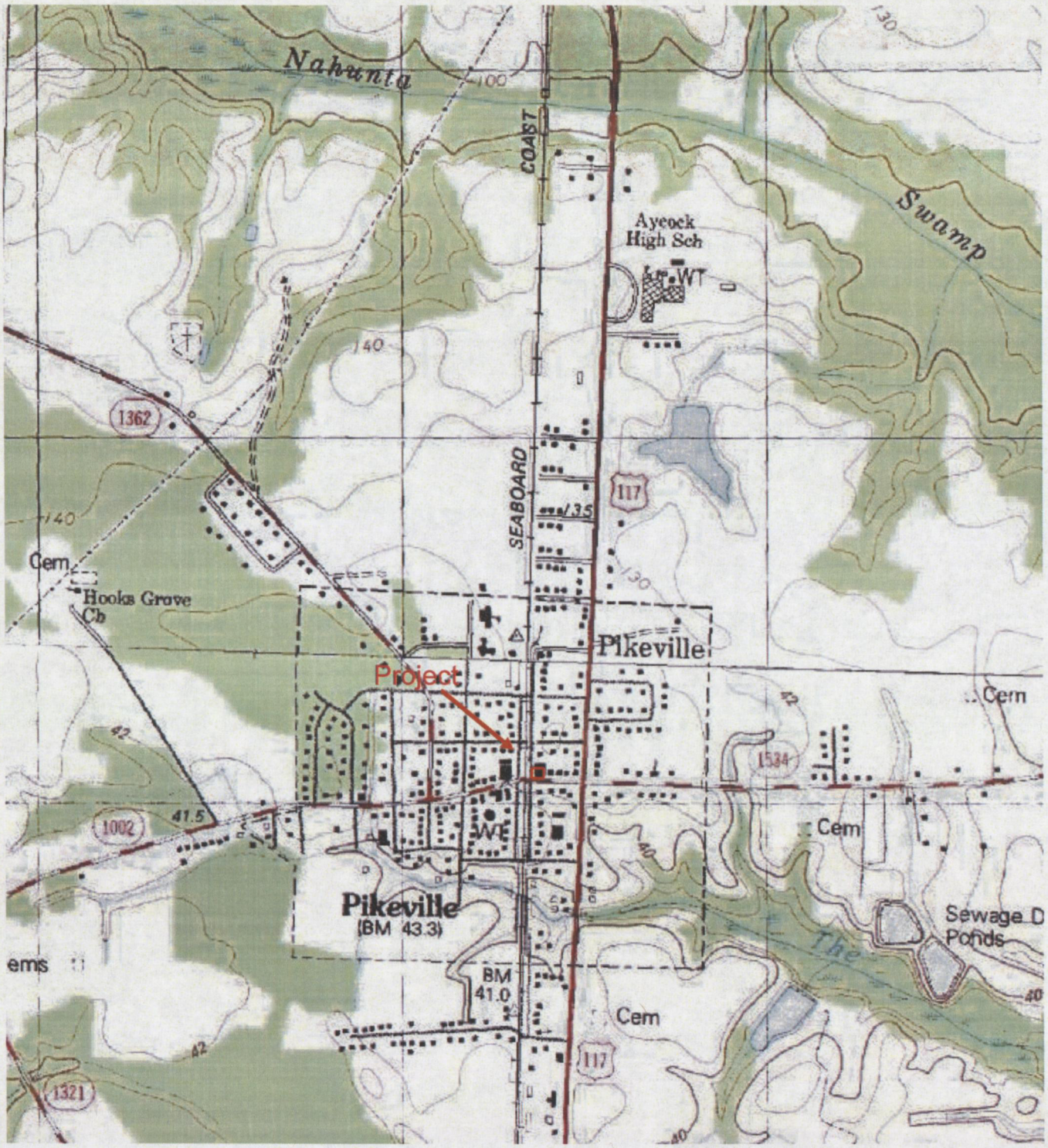


Figure 1 – Site Location Map

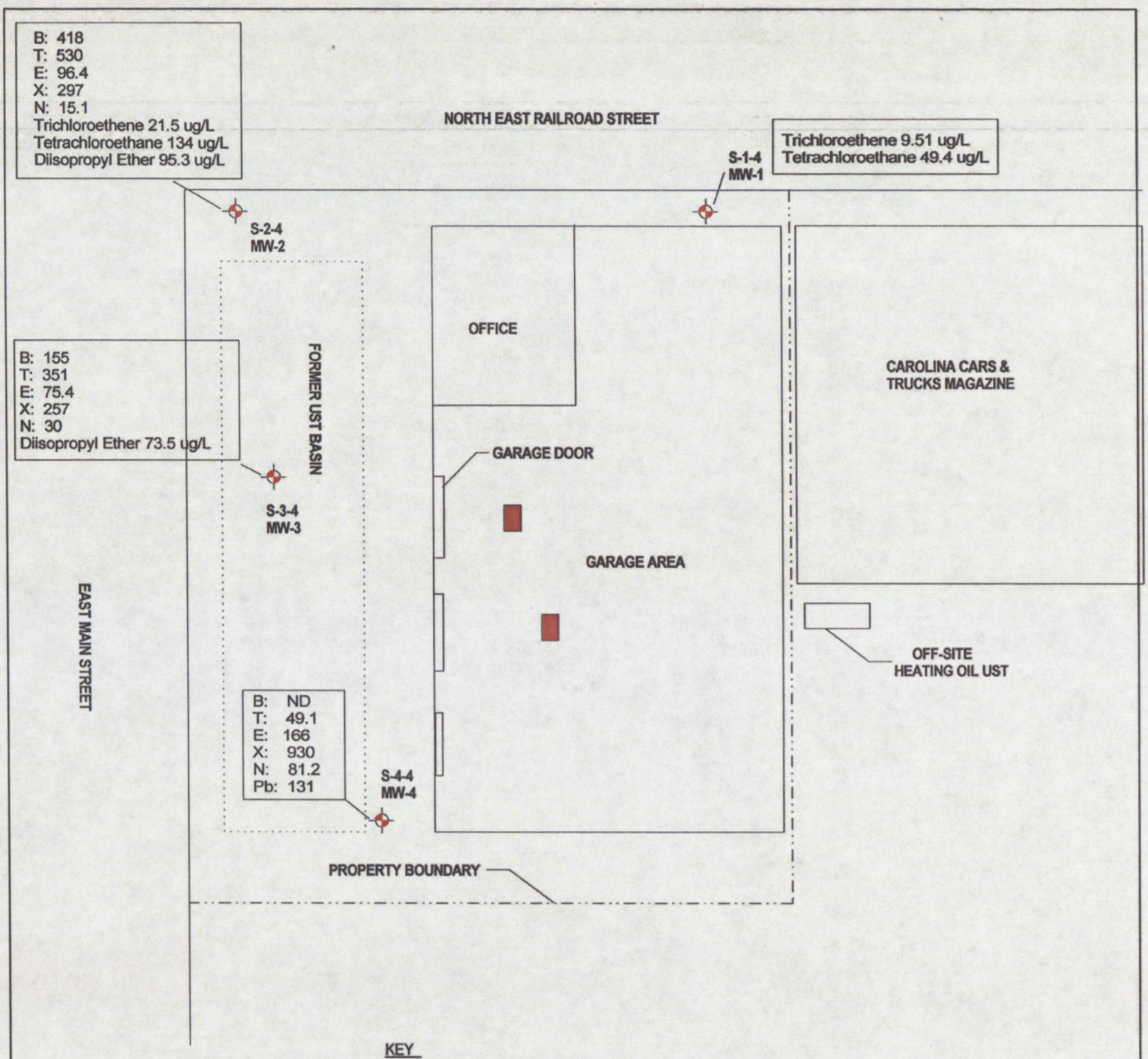
Source: USGS 7.5 Minute Topographic Map Pikeville North Carolina Quadrangle 1988

EnviroAssessments, PLLC
9307 Monroe Road, Ste. K
Charlotte, NC 28270
Office: (704) 846-8853
Fax: (704) 846-3271

N

Site Name: R.D. Pate Estate
101 East Main Street
Pikeville, North Carolina

BB&T Project Number: ESA071433
EA Project Number: 07-7019.3



KEY

MONITORING WELL AND SOIL SAMPLE LOCATION

INGROUND HYDRAULIC LIFT

N

ND: NOT DETECTED

All concentrations reported in micrograms per liter (ug/L).

0 10 20 30 40

Scale: 1"=20'

EnviroAssessments, PLLC

SITE PLAN

R D PATE ESTATE
101 EAST MAIN STREET
PIKEVILLE, NORTH CAROLINA

DATE: SEPT. 2007	EA PROJ. NO: 07-7019.3
SCALE: AS SHOWN	FIGURE: 2

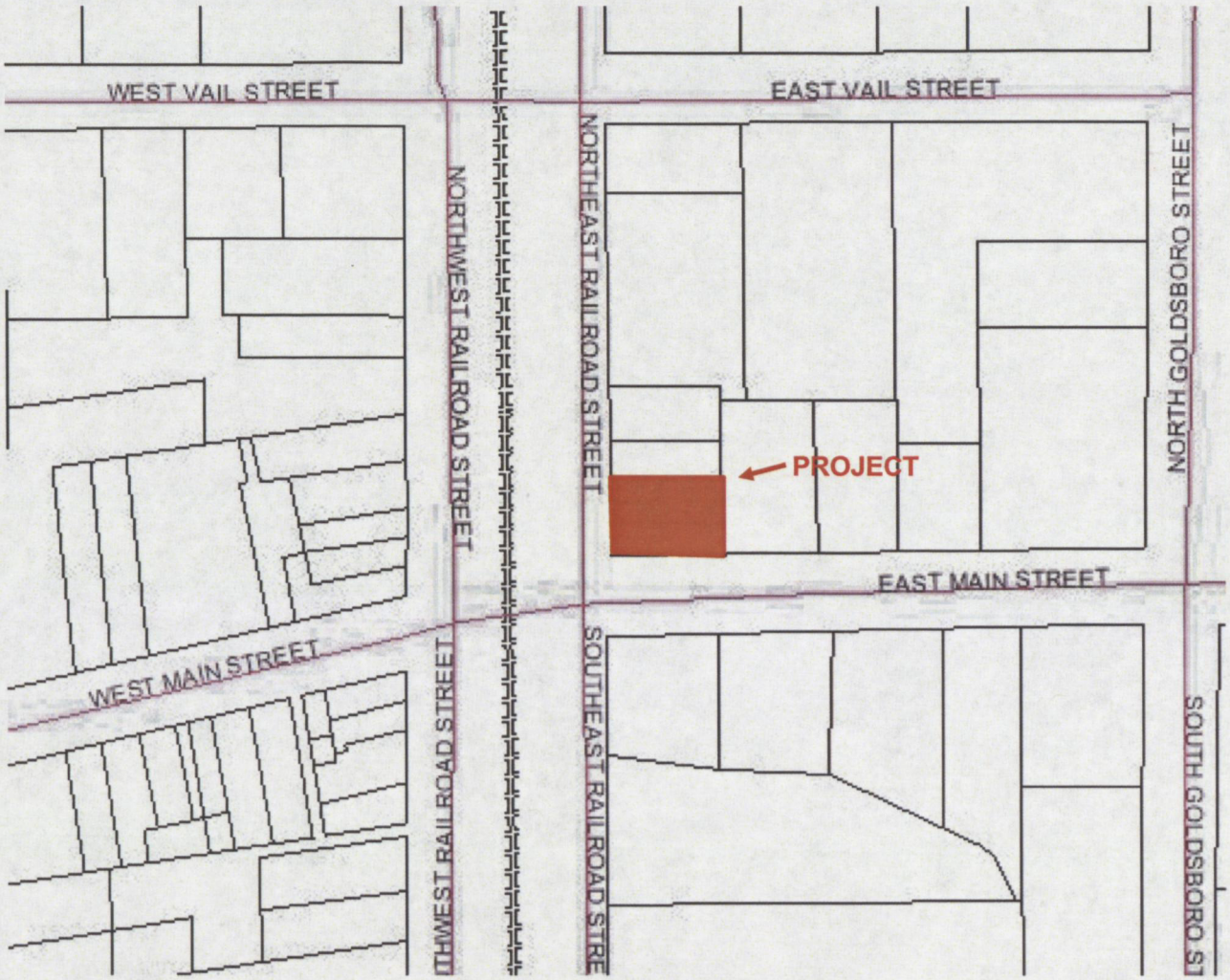
Figure #3 – Surrounding Owners and Well Locations

SCALE: UNKNOWN

EnviroAssessments, PLLC
9307 Monroe Road, Ste. K
Charlotte, NC 28270
Office: (704) 846-8853
Fax: (704) 846-3271

SITE NAME: R. D. PATE ESTATE
101 EAST MAIN STREET
PIKEVILLE, NORTH CAROLINA

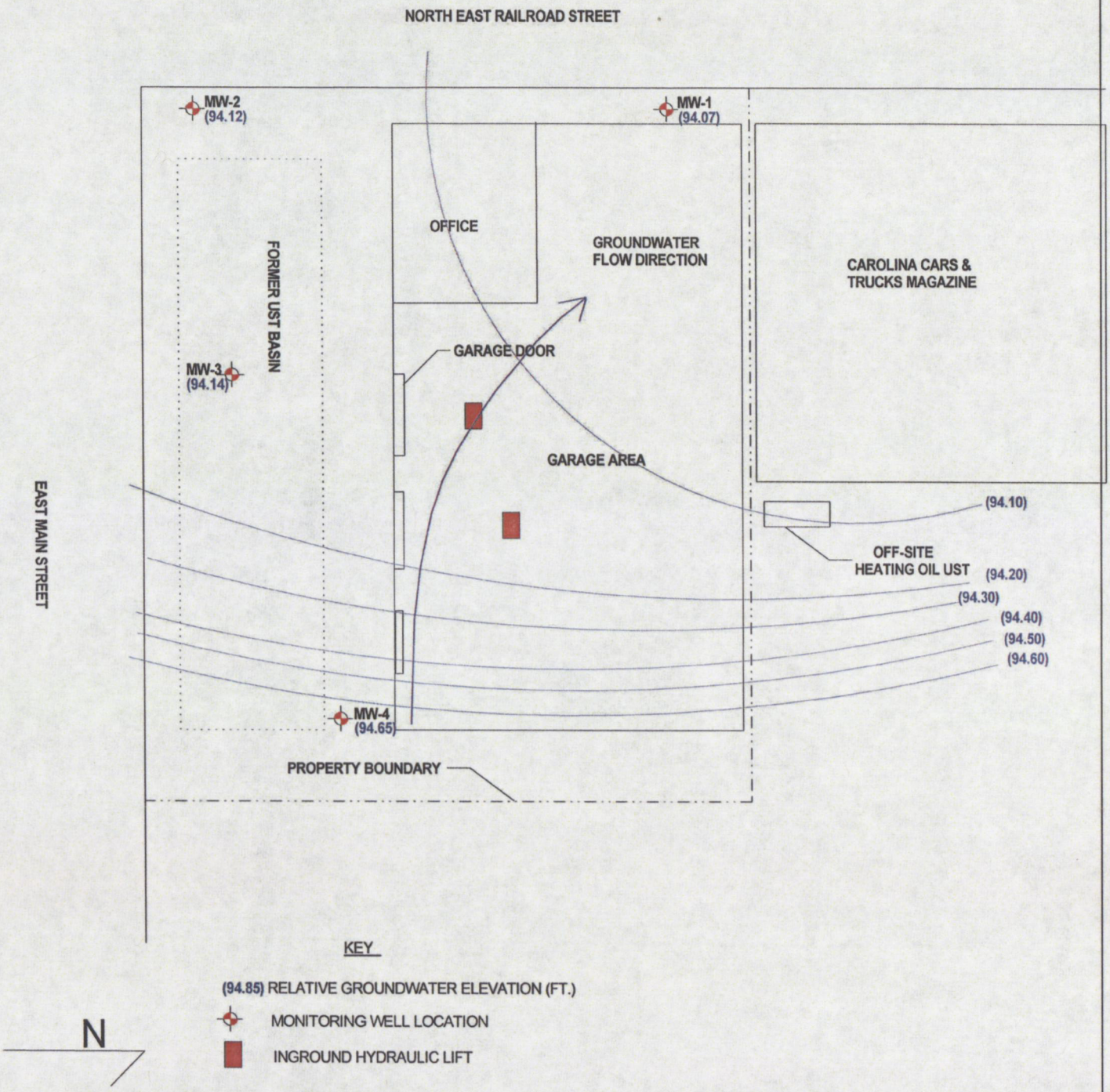
PROJ. NO: 07-7019.3



All PROPERTIES ARE ZONED BUSINESS

N

Figure #4 – Zoning Map	SCALE:	UNKNOWN
EnviroAssessments, PLLC 9307 Monroe Road, Ste. K Charlotte, NC 28270 Office: (704) 846-8853 Fax: (704) 846-3271	SITE NAME:	R. D. PATE ESTATE 101 EAST MAIN STREET PIKEVILLE, NORTH CAROLINA
	PROJ. NO:	07-7019.3



KEY

(94.85) RELATIVE GROUNDWATER ELEVATION (FT.)

MONITORING WELL LOCATION

INGROUND HYDRAULIC LIFT

N

0 10 20 30 40

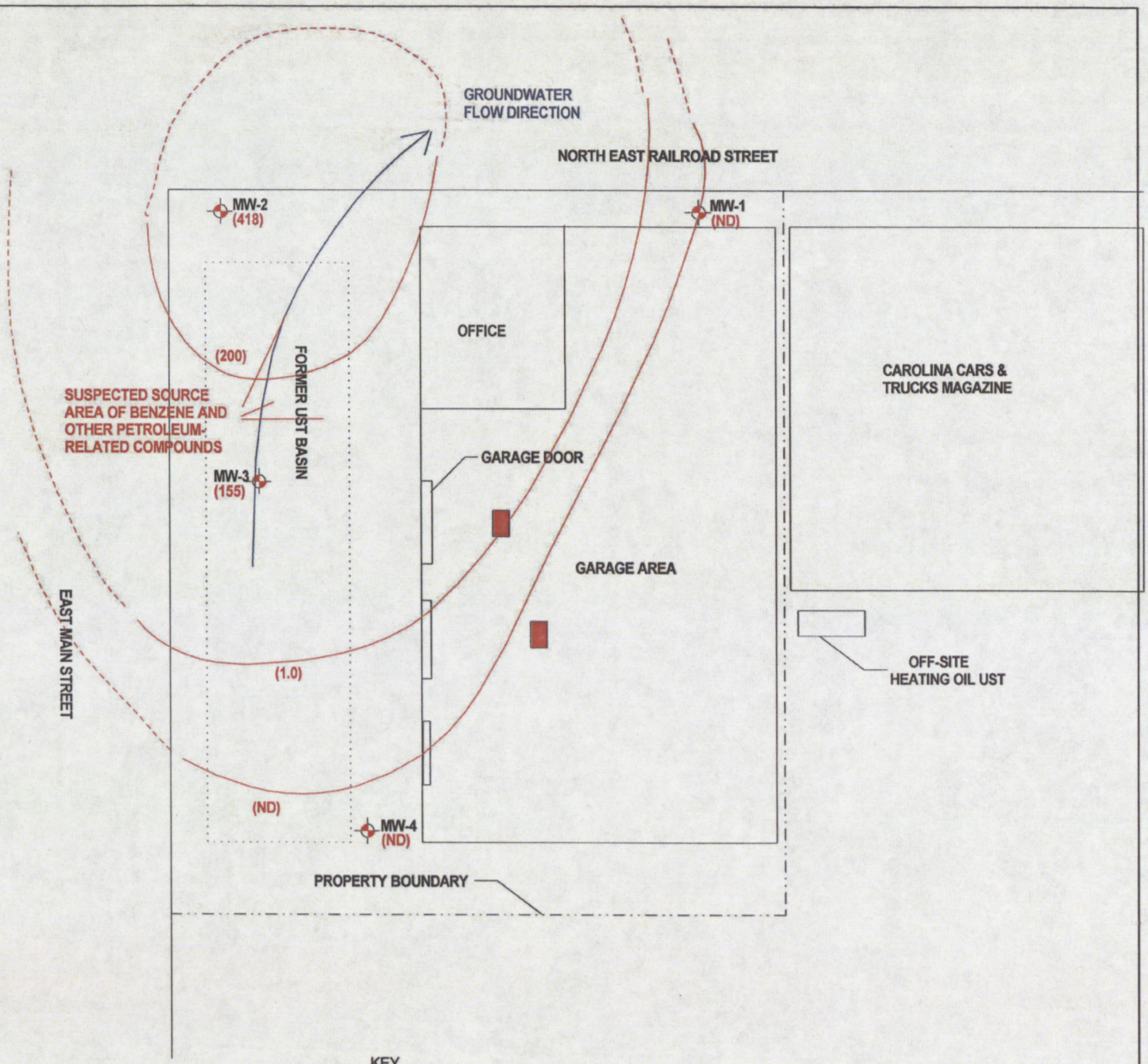
Scale: 1"=20'

EnviroAssessments, PLLC

GROUNDWATER FLOW MAP

R D PATE ESTATE
101 EAST MAIN STREET
PIKEVILLE, NORTH CAROLINA

DATE: SEPT. 2007	EA PROJ. NO: 07-7019.3
SCALE: AS SHOWN	FIGURE: 5



KEY

(100) BENZENE CONCENTRATION (UG/L) ND: NOT DETECTED

BENZENE ISOCONCENTRATION CONTOUR (UG/L)

MONITORING WELL LOCATION

INGROUND HYDRAULIC LIFT

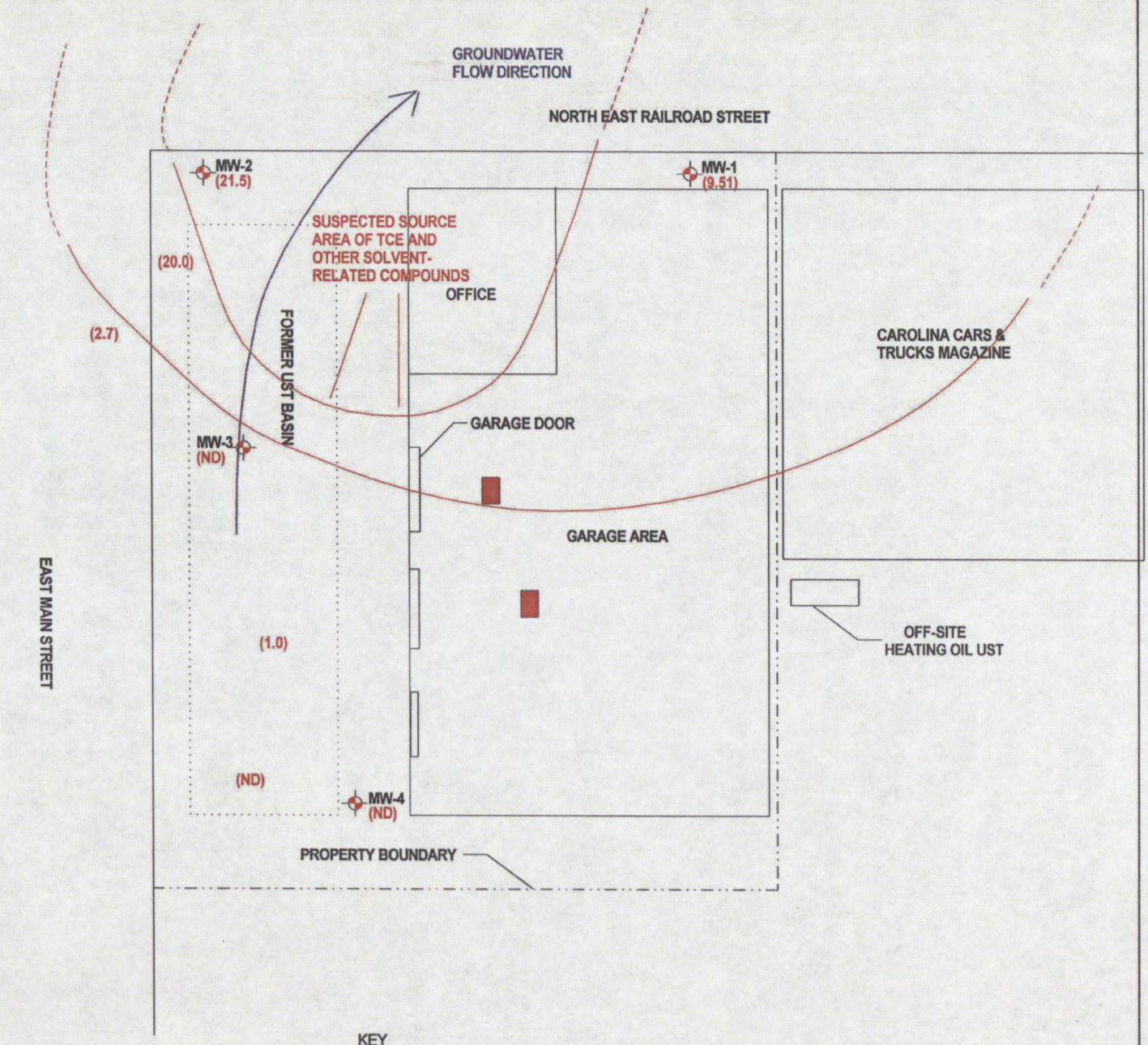
N

0 10 20 30 40

Scale: 1"=20'

EnviroAssessments, PLLC

BENZENE ISOCONCENTRATION MAP	
R D PATE ESTATE 101 EAST MAIN STREET PIKEVILLE, NORTH CAROLINA	
DATE: SEPT. 2007	EA PROJ. NO: 07-7019.3
SCALE: AS SHOWN	FIGURE: 6



KEY

(100) TCE CONCENTRATION (UG/L) ND: NOT DETECTED

TCE ISOCONCENTRATION CONTOUR (UG/L)

MONITORING WELL LOCATION

INGROUND HYDRAULIC LIFT

N

0 10 20 30 40

Scale: 1"=20'

EnviroAssessments, PLLC

TCE ISOCONCENTRATION MAP	
R D PATE ESTATE 101 EAST MAIN STREET PIKEVILLE, NORTH CAROLINA	
DATE: SEPT. 2007	EA PROJ. NO: 07-7019.3
SCALE: AS SHOWN	FIGURE: 7

APPENDICES

APPENDIX 1

LSA RISK CLASSIFICATION AND LAND USE FORM

Site Assessment Questionnaire

Limited Site Assessment Risk Classification and Land Use Form

Part I - Groundwater/Surface Water/Vapor Impacts
High Risk

1.	**Has the discharge or release contaminated any water supply well including any well used for non-drinking purposes?**
YES ☐ NO ☑	If yes, please explain.

2.	**Is a water supply well used for drinking water located within 1000 feet of the source area of the release?**
YES ☐ NO☑	If yes, please explain.

3.	**Is a water supply well not used for drinking water (e.g., irrigation, washing cars, industrial cooling water, filling swimming pools) located within 250 feet of the source area of the release?**
YES ☑ NO ☐	If yes, please explain.

The adjacent property to the east of the Project has one water supply well onsite. The property is on city water and the well has not been used in 35 years.

4.	**Does groundwater within 500 feet of the source area of the release have the potential for future use (there is no other source of water supply other than the groundwater)?**
YES ☑ NO ☐	If yes, please explain.

Although the eastern adjacent well is no longer used it is still considered an active well.

5.	**Do vapors from the release pose a threat of explosion because of accumulation of the vapors in a confined space or pose any other serious threat to public health, public safety or the environment?**
YES ☐ NO ☑	If yes, please explain.

6.	**Are there any other factors that would cause the release to pose an imminent danger to public health, public safety, or the environment?**
YES ☐ NO ☑	If yes, please explain.

Site Assessment Questionnaire

Limited Site Assessment Risk Classification and Land Use Form

Intermediate Risk

7.	Is a surface water body located within 500 feet of the source area of the release?
YES ☐ NO ☑	If yes, does the maximum groundwater contaminant concentration exceed the surface water quality standards and criteria found in 15A NCAC 2B .0200 by a factor of 10?

8.	Is the source area of the release located within an approved or planned wellhead protection area as defined in 42 USC300h-7(e)?
YES ☐ NO ☑	If yes, please explain.

9.	Is the discharge or release located in the Coastal Plain Physiographic region as designated on a map entitled "Geology of North Carolina" published by the Department in 1985?
YES ☑ NO ☐	If yes, please explain.

The Project is located in the Yorktown Formation of the Coastal Plain Physiographic region.

	If yes, is the source area of the release located in an area in which there is recharge to an unconfined or semi-confined deeper aquifer that is being used or may be used as a source of drinking water?
YES ☐ NO ☑	If yes, please explain.

10.	Do the levels of groundwater contamination for any contaminant exceed the gross contamination levels (see Table 9) established by the Department.
YES ☐ NO ☑	If yes, please explain.

Site Assessment Questionnaire

Limited Site Assessment Risk Classification and Land Use Form

Part II – Land Use

Property Containing Source Area of Release

The questions below pertain to the property containing the source area of the release.

1.	**Does the property contain one or more primary or secondary residences (permanent or temporary)?**
YES ☐ NO ☑	If yes, please describe

2.	**Does the property contain a school, daycare center, hospital, playground, park, recreation area, church, nursing home, or other place of public assembly?**
YES ☐ NO ☑	**If yes, please describe.**

3.	**Does the property contain a commercial (e.g., retail, warehouse, office/business space, etc.) or industrial (e.g., manufacturing, utilities, industrial research and development, chemical/petroleum bulk storage, etc.) enterprise, an inactive commercial or industrial enterprise, or is the land undeveloped?**
YES ☑ NO ☐	If yes, please describe.

The subject property supports an automotive repair facility.

4.	**Do children visit the property?**
YES ☑ NO ☐	If yes, please explain.

Children may visit the site.

	Is access to the property reliably restricted consistent with its use (e.g., by fences, security personnel or both)?
YES ☐ NO ☑	If yes, please explain.

5.	**Do pavement, buildings, or other structures cap the contaminated soil?**
YES ☐ NO ☑	If yes, please describe.

	If yes, what mechanisms are in place or can be put into place to ensure that the contaminated soil will remain capped in the foreseeable future?

The Project is an automotive repair facility. The brick building has a concrete slab and covers most of the property; the parking lot consists of concrete and gravel ground cover. With the exception of demolishing the on-site building, or the asphalt and concrete being destroyed, the contaminated soils should remain capped.

6.	**What is the zoning status of the property?**

B-1, Neighborhood Business

7.	**Is the use of the property likely to change in the next 20 years?**
YES ☐ NO ☑	If yes, please explain.

Site Assessment Questionnaire

Limited Site Assessment Risk Classification and Land Use Form

Part III - Land Use

Property Surrounding Source Area of Release

The questions below pertain to the area within 1,500 feet *of the source area of the release (excludes property containing source area of the release):*

1.	**What is the distance from the source area of the release to the nearest primary or secondary residence (permanent or temporary)?**

The nearest residence is located approximately 78 feet from the source area of the release.

2.	**What is the distance from the area of the release to the nearest school, daycare center, hospital, playground, park, recreation areas, church, nursing home or other place of public assembly?**

No public assembly facilities were noted within 1,500 feet of the source area.

3.	**What is the zoning status of properties in the surrounding area?**

Properties located around the site are zoned Single Family Residential District and B-1 Neighborhood Business.

4.	**Briefly characterize the use and activities of the land in the surrounding area.**

The surrounding area is primarily used for residential and commercial uses.

APPENDIX 2

WELL CONSTRUCTION RECORDS

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3287

1. WELL CONTRACTOR:

Terry R. White, JR
Well Contractor (Individual) Name

Probe Technology, Inc.
Well Contractor Company Name

STREET ADDRESS 4537 Orphanage Rd

Concord | NC | 28027
City or Town | State | Zip Code

(704)- 933-5538
Area code- Phone number

2. WELL INFORMATION:

SITE WELL ID #(if applicable) MW-1

STATE WELL PERMIT#(if applicable)

DWQ or OTHER PERMIT #(if applicable)

WELL USE (Check Applicable Box) Monitoring ☒ Municipal/Public ☐

Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐

Irrigation☐ Other ☐ (list use)

DATE DRILLED 09-05-07

TIME COMPLETED 5:00 AM ☐ PM ☒

3. WELL LOCATION:

CITY: Pikeville COUNTY Wayne

101 East Main Street 27863
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

TOPOGRAPHIC / LAND SETTING:

☐ Slope ☐ Valley ☒ Flat ☐ Ridge ☐ Other
(check appropriate box)

LATITUDE 35 29 50.28

LONGITUDE 77 58 59.64

May be in degrees, minutes, seconds or in a decimal format

Latitude/longitude source: ☒ GPS ☐ Topographic map

(location of well must be shown on a USGS topo map and attached to this form if not using GPS)

4. FACILITY- is the name of the business where the well is located.

FACILITY ID #(if applicable)

NAME OF FACILITY

STREET ADDRESS 101 East Main Street

Pikeville | NC | 27863
City or Town | State | Zip Code

CONTACT PERSON Jeremy Odom

MAILING ADDRESS 9307 Monroe Rd

Charlotte | NC | 28270
City or Town | State | Zip Code

(704)- 846-8853
Area code - Phone number

5. WELL DETAILS:

a. **TOTAL DEPTH:** 14 ft

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☒

c. **WATER LEVEL** Below Top of Casing: 7 ft FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** N/A **METHOD OF TEST** N/A

f. **DISINFECTION: Type** none **Amount** none

g. **WATER ZONES** (depth):

From 7' To 14' From To
From To From To
From To From To

6. CASING:

Depth		Diameter	Thickness/ Weight	Material
From 0	To 4	Ft. 2"	Sched 40	PVC
From	To	Ft.		
From	To	Ft.		

7. GROUT:

Depth		Material	Method
From 0	To 1	Ft. concrete cement	gravity
From 1	To 3	Ft. bentonite	gravity
From	To	Ft.	

8. SCREEN:

Depth		Diameter	Slot Size	Material
From 4	To 14	Ft. 2" in.	0.010 in.	PVC
From	To	Ft. in.	in.	
From	To	Ft. in.	in.	

9. SAND/GRAVEL PACK:

Depth		Size	Material
From 3 ft	To 14 ft	Ft. #2	silica sand
From	To	Ft.	
From	To	Ft.	

10. DRILLING LOG

From	To	Formation Description
See Geologist's Log		

11. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt., 1617 Mail Service Center – Raleigh, NC 27699-1617 Phone No. (919) 733-7015 ext 568.

Form GW-1b
Rev. 7/05

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3287

1. WELL CONTRACTOR:

Terry R. White, JR
Well Contractor (Individual) Name

Probe Technology, Inc.
Well Contractor Company Name

STREET ADDRESS 4537 Orphanage Rd

Concord | NC | 28027
City or Town | State | Zip Code

(704)- 933-5538
Area code- Phone number

2. WELL INFORMATION:

SITE WELL ID #(if applicable) MW-2

STATE WELL PERMIT#(if applicable)

DWQ or OTHER PERMIT #(if applicable)

WELL USE (Check Applicable Box) Monitoring ☒ Municipal/Public ☐

Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐

Irrigation☐ Other ☐ (list use)

DATE DRILLED 09-05-07

TIME COMPLETED 5:00 AM ☐ PM ☒

3. WELL LOCATION:

CITY: Pikeville COUNTY Wayne

101 East Main Street 27863
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

TOPOGRAPHIC / LAND SETTING:

☐Slope ☐Valley ☒Flat ☐Ridge ☐ Other
(check appropriate box)

LATITUDE 35 29 50.46

LONGITUDE 77 58 59.58

May be in degrees, minutes, seconds or in a decimal format

Latitude/longitude source: ☒GPS ☐Topographic map

(location of well must be shown on a USGS topo map and attached to this form if not using GPS)

4. FACILITY- is the name of the business where the well is located.

FACILITY ID #(if applicable)

NAME OF FACILITY

STREET ADDRESS 101 East Main Street

Pikeville | NC | 27863
City or Town | State | Zip Code

CONTACT PERSON Jeremy Odom

MAILING ADDRESS 9307 Monroe Rd

Charlotte | NC | 28270
City or Town | State | Zip Code

(704)- 846-8853
Area code - Phone number

5. WELL DETAILS:

a. **TOTAL DEPTH:** 14 ft

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☒

c. **WATER LEVEL** Below Top of Casing: 7 ft FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** N/A **METHOD OF TEST** N/A

f. **DISINFECTION: Type** none **Amount** none

g. **WATER ZONES** (depth):

From 7' To 14' From To
From To From To
From To From To

6. CASING:

	Depth		Diameter	Thickness/ Weight	Material
From 0	To 4	Ft.	2"	Sched 40	PVC
From	To	Ft.			
From	To	Ft.			

7. GROUT:

	Depth		Material	Method
From 0	To 1	Ft.	concrete cement	gravity
From 1	To 3	Ft.	bentonite	gravity
From	To	Ft.		

8. SCREEN:

	Depth		Diameter	Slot Size	Material
From 4	To 14	Ft.	2" in.	0.010 in.	PVC
From	To	Ft.	in.	in.	
From	To	Ft.	in.	in.	

9. SAND/GRAVEL PACK:

	Depth		Size	Material
From 3 ft	To 14 ft	Ft.	#2	silica sand
From	To	Ft.		
From	To	Ft.		

10. DRILLING LOG

From	To	Formation Description
See Geologist's Log		

11. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt., 1617 Mail Service Center – Raleigh, NC 27699-1617 Phone No. (919) 733-7015 ext 568.

Form GW-1b
Rev. 7/05

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

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Terry R. White, JR
Well Contractor (Individual) Name

Probe Technology, Inc.
Well Contractor Company Name

STREET ADDRESS 4537 Orphanage Rd

Concord | NC | 28027
City or Town | State | Zip Code

(704)- 933-5538
Area code- Phone number

2. WELL INFORMATION:

SITE WELL ID #(if applicable) MW-3

STATE WELL PERMIT#(if applicable)

DWQ or OTHER PERMIT #(if applicable)

WELL USE (Check Applicable Box) Monitoring ☒ Municipal/Public ☐

Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐

Irrigation☐ Other ☐ (list use)

DATE DRILLED 09-05-07

TIME COMPLETED 5:00 AM ☐ PM ☒

3. WELL LOCATION:

CITY: Pikeville COUNTY Wayne

101 East Main Street 27863
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

TOPOGRAPHIC / LAND SETTING:

☐ Slope ☐ Valley ☒ Flat ☐ Ridge ☐ Other
(check appropriate box)

LATITUDE 35 29 50.58

LONGITUDE 77 58 59.58

May be in degrees, minutes, seconds or in a decimal format

Latitude/longitude source: ☒ GPS ☐ Topographic map

(location of well must be shown on a USGS topo map and attached to this form if not using GPS)

4. FACILITY- is the name of the business where the well is located.

FACILITY ID #(if applicable)

NAME OF FACILITY

STREET ADDRESS 101 East Main Street

Pikeville | NC | 27863
City or Town | State | Zip Code

CONTACT PERSON Jeremy Odom

MAILING ADDRESS 9307 Monroe Rd

Charlotte | NC | 28270
City or Town | State | Zip Code

(704)- 846-8853
Area code - Phone number

5. WELL DETAILS:

a. **TOTAL DEPTH:** 14 ft

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☒

c. **WATER LEVEL** Below Top of Casing: 7 ft FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** N/A **METHOD OF TEST** N/A

f. **DISINFECTION: Type** none **Amount** none

g. **WATER ZONES** (depth):

From 7' To 14' From To
From To From To
From To From To

6. CASING:

	Depth		Diameter	Thickness/ Weight	Material
From 0	To 4	Ft.	2"	Sched 40	PVC
From	To	Ft.			
From	To	Ft.			

7. GROUT:

	Depth		Material	Method
From 0	To 1	Ft.	concrete cement	gravity
From 1	To 3	Ft.	bentonite	gravity
From	To	Ft.		

8. SCREEN:

	Depth		Diameter	Slot Size	Material
From 4	To 14	Ft.	2" in.	0.010 in.	PVC
From	To	Ft.	in.	in.	
From	To	Ft.	in.	in.	

9. SAND/GRAVEL PACK:

	Depth		Size	Material
From 3 ft	To 14 ft	Ft.	#2	silica sand
From	To	Ft.		
From	To	Ft.		

10. DRILLING LOG

From	To	Formation Description
See Geologist's Log		

11. REMARKS:

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SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

PRINTED NAME OF PERSON CONSTRUCTING THE WELL

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Form GW-1b
Rev. 7/05

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3287

1. WELL CONTRACTOR:

Terry R. White, JR
Well Contractor (Individual) Name

Probe Technology, Inc.
Well Contractor Company Name

STREET ADDRESS 4537 Orphanage Rd

Concord | NC | 28027
City or Town | State | Zip Code

(704)- 933-5538
Area code- Phone number

2. WELL INFORMATION:

SITE WELL ID #(if applicable) MW-4

STATE WELL PERMIT#(if applicable)

DWQ or OTHER PERMIT #(if applicable)

WELL USE (Check Applicable Box) Monitoring ☒ Municipal/Public ☐

Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐

Irrigation☐ Other ☐ (list use)

DATE DRILLED 09-05-07

TIME COMPLETED 5:00 AM ☐ PM ☒

3. WELL LOCATION:

CITY: Pikeville COUNTY Wayne

101 East Main Street 27863
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

TOPOGRAPHIC / LAND SETTING:

☐ Slope ☐ Valley ☒ Flat ☐ Ridge ☐ Other
(check appropriate box)

LATITUDE 35 29 51.06

LONGITUDE 77 58 59.64

May be in degrees, minutes, seconds or in a decimal format

Latitude/longitude source: ☒ GPS ☐ Topographic map

(location of well must be shown on a USGS topo map and attached to this form if not using GPS)

4. FACILITY- is the name of the business where the well is located.

FACILITY ID #(if applicable)

NAME OF FACILITY

STREET ADDRESS 101 East Main Street

Pikeville | NC | 27863
City or Town | State | Zip Code

CONTACT PERSON Jeremy Odom

MAILING ADDRESS 9307 Monroe Rd

Charlotte | NC | 28270
City or Town | State | Zip Code

(704)- 846-8853
Area code - Phone number

5. WELL DETAILS:

a. **TOTAL DEPTH:** 14 ft

b. **DOES WELL REPLACE EXISTING WELL?** YES ☐ NO ☒

c. **WATER LEVEL** Below Top of Casing: 7 ft FT.
(Use "+" if Above Top of Casing)

d. **TOP OF CASING IS** 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. **YIELD (gpm):** N/A **METHOD OF TEST** N/A

f. **DISINFECTION: Type** none **Amount** none

g. **WATER ZONES** (depth):

From 7' To 14' From To
From To From To
From To From To

6. CASING:

	Depth		Diameter	Thickness/ Weight	Material
From 0	To 4	Ft.	2"	Sched 40	PVC
From	To	Ft.			
From	To	Ft.			

7. GROUT:

	Depth		Material	Method
From 0	To 1	Ft.	concrete cement	gravity
From 1	To 3	Ft.	bentonite	gravity
From	To	Ft.		

8. SCREEN:

	Depth		Diameter		Slot Size		Material
From 4	To 14	Ft.	2"	in.	0.010	in.	PVC
From	To	Ft.		in.		in.	
From	To	Ft.		in.		in.	

9. SAND/GRAVEL PACK:

	Depth		Size	Material
From 3 ft	To 14 ft	Ft.	#2	silica sand
From	To	Ft.		
From	To	Ft.		

10. DRILLING LOG

From	To	Formation Description
See Geologist's Log		

11. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt., 1617 Mail Service Center – Raleigh, NC 27699-1617 Phone No. (919) 733-7015 ext 568.

Form GW-1b
Rev. 7/05

APPENDIX 3

LABORATORY ANALYTICAL RESULTS AND CHAIN OF CUSTODY FORMS

USBIOSYSTEMS

ANALYTICAL RESULTS

Printed: 09/19/07 09:58pm

DON WARREN
ENVIRO ASSESSMENTS
9307 MONROE RD
SUITE K
CHARLOTTE, NC 28270

Regarding:

DON WARREN
ENVIRO ASSESSMENTS
9307 MONROE RD
SUITE K
CHARLOTTE, NC 28270

Project No: 003943, ENVIRO ASSESSMENTS (NC)
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Inv. No: 197760

Collected by: Customer Sampled

Laboratory Sample #	Client Sample #
L235231-1	S-1-4
L235231-2	S-2-4
L235231-3	S-3-4
L235231-4	S-4-4

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: ND or U-below PQL; IL-meets internal lab limits;MI-matrix interference; NA-not applicable.
Flags: CFR-Pb/Cu rule; NFL-no free liquids; DRY = dry wt; ASIS = wet wt; C(#) See attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol; L-exceeds calibration; Q-holding time exceeded;
FLDEP Flags: T-value<MDL; V-present in blank; Y-improper preservation; B-colonies exceed range;I-estimated value;between the MDL and PQL;
Lab certification IDs: FLDOH/NELAC E86240; NC 444; SC 96031001; IL/NELAC 200020; VA 00395; KS/NELAC E-10360; TN 02985; GA 917;NJ FL014;PA 68-03756;
Lab IDs: ADEM 40850; USDA Soil Permit# S-35240; The above results relate only to the samples.

US Biosystems 3231 NW 7th Avenue Boca Raton, FL 33431 (888)862-5227

Serial Number: 655308

Respectfully submitted,

Tiffany Mackie

Tiffany Mackie
Project Manager

ANALYTICAL RESULTS
Printed: 09/19/07 09:58pm

Project No: 003943, ENVIRO ASSESSMENTS (NC)
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Inv. No: 197760

Sample Number L235231-1
Sample Description S-1-4
Samp. Date/Time/Temp 09/05/07 07:30am NA C
Receive Date 09/07/07
Sampled by Customer Sampled
Received Temp 4 C Iced (Y/N): Y

Parameter	Method	Result			DIL	PQL	Prep Date	Test Date	Analyst
Volatile Organic Compounds									
DICHLORODIFLUOROMETHANE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
CHLOROMETHANE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
VINYL CHLORIDE	5035/8260	U	mg/kg	DRY	.86	0.0038	09/05/07	09/10/07	AJ
BROMOMETHANE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
CHLOROETHANE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
TRICHLOROFLUOROMETHANE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
ACROLEIN	5035/8260	U	mg/kg	DRY	.86	0.024	09/05/07	09/10/07	AJ
ACETONE	5035/8260	U	mg/kg	DRY	.86	0.048	09/05/07	09/10/07	AJ
1,1-DICHLOROETHENE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
ACRYLONITRILE	5035/8260	U	mg/kg	DRY	.86	0.024	09/05/07	09/10/07	AJ
METHYLENE CHLORIDE	5035/8260	U	mg/kg	DRY	.86	0.0096	09/05/07	09/10/07	AJ
CARBON DISULFIDE	5035/8260	U	mg/kg	DRY	.86	0.048	09/05/07	09/10/07	AJ
TRANS-1,2-DICHLOROETHENE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
METHYL TERTIARY BUTYL ETHER	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
1,1-DICHLOROETHANE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
VINYL ACETATE	5035/8260	U	mg/kg	DRY	.86	0.0096	09/05/07	09/10/07	AJ
2-BUTANONE	5035/8260	U	mg/kg	DRY	.86	0.048	09/05/07	09/10/07	AJ
CIS-1,2-DICHLOROETHENE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
BROMOCHLOROMETHANE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
CHLOROFORM	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
2,2-DICHLOROPROPANE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
1,2-DICHLOROETHANE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
1,1,1-TRICHLOROETHANE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
1,1-DICHLOROPROPENE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ

Serial Number: 655308

ANALYTICAL RESULTS
Printed: 09/19/07 09:58pm

Project No: 003943, ENVIRO ASSESSMENTS (NC)
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Inv. No: 197760

Sample Number L235231-1
Sample Description S-1-4
Samp. Date/Time/Temp 09/05/07 07:30am NA C
Receive Date 09/07/07
Sampled by Customer Sampled

Parameter	Method	Result			DIL	PQL	Prep Date	Test Date	Analyst
CARBON TETRACHLORIDE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
BENZENE	5035/8260	U	mg/kg	DRY	.86	0.0019	09/05/07	09/10/07	AJ
DIBROMOMETHANE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
1,2-DICHLOROPROPANE	5035/8260	U	mg/kg	DRY	.86	0.0019	09/05/07	09/10/07	AJ
TRICHLOROETHENE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
BROMODICHLOROMETHANE	5035/8260	U	mg/kg	DRY	.86	0.0019	09/05/07	09/10/07	AJ
2-CHLOROETHYL VINYL ETHER	5035/8260	U	mg/kg	DRY	.86	0.048	09/05/07	09/10/07	AJ
CIS-1,3-DICHLOROPROPENE	5035/8260	U	mg/kg	DRY	.86	0.0019	09/05/07	09/10/07	AJ
4-METHYL-2-PENTANONE	5035/8260	U	mg/kg	DRY	.86	0.048	09/05/07	09/10/07	AJ
TRANS-1,3-DICHLOROPROPENE	5035/8260	U	mg/kg	DRY	.86	0.0019	09/05/07	09/10/07	AJ
1,1,2-TRICHLOROETHANE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
TOLUENE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
1,3-DICHLOROPROPANE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
DIBROMOCHLOROMETHANE	5035/8260	U	mg/kg	DRY	.86	0.0019	09/05/07	09/10/07	AJ
2-HEXANONE	5035/8260	U	mg/kg	DRY	.86	0.048	09/05/07	09/10/07	AJ
1,2-DIBROMOETHANE	5035/8260	U	mg/kg	DRY	.86	0.0019	09/05/07	09/10/07	AJ
TETRACHLOROETHENE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
1,1,1,2-TETRACHLOROETHANE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
CHLOROBENZENE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
ETHYL BENZENE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
M&P-XYLENES	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
BROMOFORM	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
STYRENE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
O-XYLENE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
XYLENES (TOTAL)	5035/8260	U	mg/kg	DRY	.86	0.0096	09/05/07	09/10/07	AJ

Serial Number: 655308

ANALYTICAL RESULTS
Printed: 09/19/07 09:58pm

Project No: 003943, ENVIRO ASSESSMENTS (NC)
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Inv. No: 197760

Sample Number L235231-1
Sample Description S-1-4
Samp. Date/Time/Temp 09/05/07 07:30am NA C
Receive Date 09/07/07
Sampled by Customer Sampled

Parameter	Method	Result			DIL	PQL	Prep Date	Test Date	Analyst
1,2,3-TRICHLOROPROPANE	5035/8260	U	mg/kg	DRY	.86	0.0019	09/05/07	09/10/07	AJ
1,1,2,2-TETRACHLOROETHANE	5035/8260	U	mg/kg	DRY	.86	0.00096	09/05/07	09/10/07	AJ
ISOPROPYLBENZENE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
BROMOBENZENE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
N-PROPYLBENZENE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
2-CHLOROTOLUENE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
4-CHLOROTOLUENE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
1,3,5-TRIMETHYLBENZENE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
TERT-BUTYLBENZENE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
1,2,4-TRIMETHYLBENZENE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
SEC-BUTYLBENZENE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
1,3-DICHLOROBENZENE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
1,4-DICHLOROBENZENE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
P-ISOPROPYLTOLUENE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
1,2-DICHLOROBENZENE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
N-BUTYLBENZENE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
1,2-DIBROMO-3-CHLOROPROPANE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
1,2,4-TRICHLOROBENZENE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
NAPHTHALENE	5035/8260	U	mg/kg	DRY	.86	0.0038	09/05/07	09/10/07	AJ
HEXACHLOROBUTADIENE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
1,2,3-TRICHLOROBENZENE	5035/8260	U	mg/kg	DRY	.86	0.0048	09/05/07	09/10/07	AJ
SURROGATES		% RECOVERY				% Recovery Limits			
DIBROMOFLUOROMETHANE (SURR)	5035/8260	81	%		.86	40-147		09/10/07	AJ
TOLUENE-D8 (SURR)	5035/8260	73	%		.86	29-146		09/10/07	AJ
4-BROMOFLUOROBENZENE (SURR)	5035/8260	63	%		.86	24-141		09/10/07	AJ

Serial Number: 655308

ANALYTICAL RESULTS
Printed: 09/19/07 09:58pm

Project No: 003943, ENVIRO ASSESSMENTS (NC) Inv. No: 197760
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Sample Number L235231-1
Sample Description S-1-4
Samp. Date/Time/Temp 09/05/07 07:30am NA C
Receive Date 09/07/07
Sampled by Customer Sampled

Parameter	Method	Result			DIL	PQL	Prep Date	Test Date	Analyst
DIPE	5035/8260	U	mg/kg	DRY	.86	0.0096	09/05/07	09/10/07	AJ
BNA Extractable Compounds									
N-NITROSODIMETHYLAMINE	3550/8270	U	mg/kg	DRY	1	0.37	09/08/07	09/10/07	JW
ANILINE	3550/8270	U	mg/kg	DRY	1	0.37	09/08/07	09/10/07	JW
PHENOL	3550/8270	U	mg/kg	DRY	1	0.37	09/08/07	09/10/07	JW
BIS(2-CHLOROETHYL)ETHER	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
2-CHLOROPHENOL	3550/8270	U	mg/kg	DRY	1	0.37	09/08/07	09/10/07	JW
1,3-DICHLOROBENZENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
1,4-DICHLOROBENZENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
BENZYL ALCOHOL	3550/8270	U	mg/kg	DRY	1	0.37	09/08/07	09/10/07	JW
1,2-DICHLOROBENZENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
2-METHYLPHENOL	3550/8270	U	mg/kg	DRY	1	0.37	09/08/07	09/10/07	JW
BIS(2-CHLOROISOPROPYL)ETHER	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
N-NITROSO-DI-N-PROPYLAMINE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
3&4-METHYLPHENOL	3550/8270	U*	mg/kg	DRY	1	0.37	09/08/07	09/10/07	JW
HEXACHLOROETHANE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
NITROBENZENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
ISOPHORONE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
2-NITROPHENOL	3550/8270	U	mg/kg	DRY	1	0.37	09/08/07	09/10/07	JW
2,4-DIMETHYLPHENOL	3550/8270	U	mg/kg	DRY	1	0.37	09/08/07	09/10/07	JW
BIS(2-CHLOROETHOXY)METHANE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
BENZOIC ACID	3550/8270	U	mg/kg	DRY	1	1.1	09/08/07	09/10/07	JW
2,4-DICHLOROPHENOL	3550/8270	U	mg/kg	DRY	1	0.37	09/08/07	09/10/07	JW
1,2,4-TRICHLOROBENZENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
NAPHTHALENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
4-CHLOROANILINE	3550/8270	U	mg/kg	DRY	1	0.37	09/08/07	09/10/07	JW

 Serial Number: 655308

ANALYTICAL RESULTS
Printed: 09/19/07 09:58pm

Project No: 003943, ENVIRO ASSESSMENTS (NC)
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Inv. No: 197760

Sample Number L235231-1
Sample Description S-1-4
Samp. Date/Time/Temp 09/05/07 07:30am NA C
Receive Date 09/07/07
Sampled by Customer Sampled

Parameter	Method	Result			DIL	PQL	Prep Date	Test Date	Analyst
HEXACHLOROBUTADIENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
4-CHLORO-3-METHYLPHENOL	3550/8270	U	mg/kg	DRY	1	0.37	09/08/07	09/10/07	JW
2-METHYLNAPHTHALENE	3550/8270	U	mg/kg	DRY	1	0.22	09/08/07	09/10/07	JW
1-METHYLNAPHTHALENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
HEXACHLOROCYCLOPENTADIENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
2,4,6-TRICHLOROPHENOL	3550/8270	U	mg/kg	DRY	1	0.37	09/08/07	09/10/07	JW
2,4,5-TRICHLOROPHENOL	3550/8270	U	mg/kg	DRY	1	0.37	09/08/07	09/10/07	JW
2-CHLORONAPHTHALENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
2-NITROANILINE	3550/8270	U	mg/kg	DRY	1	1.1	09/08/07	09/10/07	JW
DIMETHYLPHTHALATE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
2,6-DINITROTOLUENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
ACENAPHTHYLENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
3-NITROANILINE	3550/8270	U	mg/kg	DRY	1	1.1	09/08/07	09/10/07	JW
ACENAPHTHENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
2,4-DINITROPHENOL	3550/8270	U	mg/kg	DRY	1	1.1	09/08/07	09/10/07	JW
DIBENZOFURAN	3550/8270	U	mg/kg	DRY	1	0.37	09/08/07	09/10/07	JW
2,4-DINITROTOLUENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
4-NITROPHENOL	3550/8270	U	mg/kg	DRY	1	1.1	09/08/07	09/10/07	JW
DIETHYLPHTHALATE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
FLUORENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
4-CHLOROPHENYL-PHENYLETHER	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
4-NITROANILINE	3550/8270	U	mg/kg	DRY	1	1.1	09/08/07	09/10/07	JW
4,6-DINITRO-2-METHYLPHENOL	3550/8270	U	mg/kg	DRY	1	1.1	09/08/07	09/10/07	JW
N-NITROSODIPHENYLAMINE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
1,2-DIPHENYLHYDRAZINE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW

Serial Number: 655308

ANALYTICAL RESULTS
Printed: 09/19/07 09:58pm

Project No: 003943, ENVIRO ASSESSMENTS (NC)
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Inv. No: 197760

Sample Number L235231-1
Sample Description S-1-4
Samp. Date/Time/Temp 09/05/07 07:30am NA C
Receive Date 09/07/07
Sampled by Customer Sampled

Parameter	Method	Result			DIL	PQL	Prep Date	Test Date	Analyst
4-BROMOPHENYL-PHENYLETHER	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
HEXACHLOROBENZENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
PENTACHLOROPHENOL	3550/8270	U	mg/kg	DRY	1	1.1	09/08/07	09/10/07	JW
PHENANTHRENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
ANTHRACENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
CARBAZOLE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
DI-N-BUTYLPHTHALATE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
FLUORANTHENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
BENZIDINE	3550/8270	U	mg/kg	DRY	1	4.5	09/08/07	09/10/07	JW
PYRENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
BUTYLBENZYLPHTHALATE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
BENZO(A)ANTHRACENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
3,3'-DICHLOROBENZIDINE	3550/8270	U	mg/kg	DRY	1	0.75	09/08/07	09/10/07	JW
CHRYSENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
BIS(2-ETHYLHEXYL)PHTHALATE	3550/8270	U	mg/kg	DRY	1	0.37	09/08/07	09/10/07	JW
DI-N-OCTYLPHTHALATE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
BENZO(B)FLUORANTHENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
BENZO(K)FLUORANTHENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
BENZO(A)PYRENE	3550/8270	U	mg/kg	DRY	1	0.067	09/08/07	09/10/07	JW
INDENO(1,2,3-CD)PYRENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
DIBENZ(A,H)ANTHRACENE	3550/8270	U	mg/kg	DRY	1	0.067	09/08/07	09/10/07	JW
BENZO(G,H,I)PERYLENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
SURROGATES		% RECOVERY				% Recovery Limits			
NITROBENZENE-D5 (SURR)	3550/8270	69	%		1	15-121	09/08/07	09/10/07	JW
2-FLUOROBIPHENYL (SURR)	3550/8270	78	%		1	42-111	09/08/07	09/10/07	JW

Serial Number: 655308

ANALYTICAL RESULTS
Printed: 09/19/07 09:58pm

Project No: 003943, ENVIRO ASSESSMENTS (NC)
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Inv. No: 197760

Sample Number L235231-1
Sample Description S-1-4
Samp. Date/Time/Temp 09/05/07 07:30am NA C
Receive Date 09/07/07
Sampled by Customer Sampled

Parameter	Method	Result		DIL	PQL	Prep Date	Test Date	Analyst
TERPHENYL-D14 (SURR)	3550/8270	102	%	1	37-143	09/08/07	09/10/07	JW
PHENOL-D5 (SURR)	3550/8270	72	%	1	30-109	09/08/07	09/10/07	JW
2-FLUOROPHENOL (SURR)	3550/8270	72	%	1	29-109	09/08/07	09/10/07	JW
2,4,6-TRIBROMOPHENOL (SURR)	3550/8270	74	%	1	47-123	09/08/07	09/10/07	JW
Petroleum Hydrocarbons								
EPH	MADEP	ATTACHED				N/A		
VPH	MADEP	ATTACHED				N/A		
Percent Solids/Moisture								
TOTAL SOLIDS PERCENT	160.3	89.8	%	1		N/A	09/08/07	MEP

**** NOTES CONCERNING THE ABOVE SAMPLE ****

3&4-METHYLPHENOL - The reported analyte is not NELAC certified

Serial Number: 655308

ANALYTICAL RESULTS
Printed: 09/19/07 09:58pm

Project No: 003943, ENVIRO ASSESSMENTS (NC)
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Inv. No: 197760

Sample Number L235231-2
Sample Description S-2-4
Samp. Date/Time/Temp 09/05/07 08:30am NA C
Receive Date 09/07/07
Sampled by Customer Sampled
Received Temp 4 C Iced (Y/N): Y

Parameter	Method	Result			DIL	PQL	Prep Date	Test Date	Analyst
Volatile Organic Compounds									
DICHLORODIFLUOROMETHANE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
CHLOROMETHANE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
VINYL CHLORIDE	5035/8260	U	mg/kg	DRY	100	0.47	09/05/07	09/10/07	AJ
BROMOMETHANE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
CHLOROETHANE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
TRICHLOROFLUOROMETHANE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
ACROLEIN	5035/8260	U	mg/kg	DRY	100	2.9	09/05/07	09/10/07	AJ
ACETONE	5035/8260	U	mg/kg	DRY	100	5.9	09/05/07	09/10/07	AJ
1,1-DICHLOROETHENE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
ACRYLONITRILE	5035/8260	U	mg/kg	DRY	100	2.9	09/05/07	09/10/07	AJ
METHYLENE CHLORIDE	5035/8260	U	mg/kg	DRY	100	1.2	09/05/07	09/10/07	AJ
CARBON DISULFIDE	5035/8260	U	mg/kg	DRY	100	5.9	09/05/07	09/10/07	AJ
TRANS-1,2-DICHLOROETHENE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
METHYL TERTIARY BUTYL ETHER	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
1,1-DICHLOROETHANE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
VINYL ACETATE	5035/8260	U	mg/kg	DRY	100	1.2	09/05/07	09/10/07	AJ
2-BUTANONE	5035/8260	U	mg/kg	DRY	100	5.9	09/05/07	09/10/07	AJ
CIS-1,2-DICHLOROETHENE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
BROMOCHLOROMETHANE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
CHLOROFORM	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
2,2-DICHLOROPROPANE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
1,2-DICHLOROETHANE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
1,1,1-TRICHLOROETHANE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
1,1-DICHLOROPROPENE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ

Serial Number: 655308

ANALYTICAL RESULTS
Printed: 09/19/07 09:58pm

Project No: 003943, ENVIRO ASSESSMENTS (NC)
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Inv. No: 197760

Sample Number L235231-2
Sample Description S-2-4
Samp. Date/Time/Temp 09/05/07 08:30am NA C
Receive Date 09/07/07
Sampled by Customer Sampled

Parameter	Method	Result			DIL	PQL	Prep Date	Test Date	Analyst
CARBON TETRACHLORIDE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
BENZENE	5035/8260	0.473	mg/kg	DRY	100	0.24	09/05/07	09/10/07	AJ
DIBROMOMETHANE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
1,2-DICHLOROPROPANE	5035/8260	U	mg/kg	DRY	100	0.24	09/05/07	09/10/07	AJ
TRICHLOROETHENE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
BROMODICHLOROMETHANE	5035/8260	U	mg/kg	DRY	100	0.24	09/05/07	09/10/07	AJ
2-CHLOROETHYL VINYL ETHER	5035/8260	U	mg/kg	DRY	100	5.9	09/05/07	09/10/07	AJ
CIS-1,3-DICHLOROPROPENE	5035/8260	U	mg/kg	DRY	100	0.24	09/05/07	09/10/07	AJ
4-METHYL-2-PENTANONE	5035/8260	U	mg/kg	DRY	100	5.9	09/05/07	09/10/07	AJ
TRANS-1,3-DICHLOROPROPENE	5035/8260	U	mg/kg	DRY	100	0.24	09/05/07	09/10/07	AJ
1,1,2-TRICHLOROETHANE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
TOLUENE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
1,3-DICHLOROPROPANE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
DIBROMOCHLOROMETHANE	5035/8260	U	mg/kg	DRY	100	0.24	09/05/07	09/10/07	AJ
2-HEXANONE	5035/8260	U	mg/kg	DRY	100	5.9	09/05/07	09/10/07	AJ
1,2-DIBROMOETHANE	5035/8260	U	mg/kg	DRY	100	0.24	09/05/07	09/10/07	AJ
TETRACHLOROETHENE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
1,1,1,2-TETRACHLOROETHANE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
CHLOROBENZENE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
ETHYL BENZENE	5035/8260	6.33	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
M&P-XYLENES	5035/8260	23.0	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
BROMOFORM	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
STYRENE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
O-XYLENE	5035/8260	7.38	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
XYLENES (TOTAL)	5035/8260	30.4	mg/kg	DRY	100	1.2	09/05/07	09/10/07	AJ

Serial Number: 655308

ANALYTICAL RESULTS
Printed: 09/19/07 09:58pm

Project No: 003943, ENVIRO ASSESSMENTS (NC)
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Inv. No: 197760

Sample Number L235231-2
Sample Description S-2-4
Samp. Date/Time/Temp 09/05/07 08:30am NA C
Receive Date 09/07/07
Sampled by Customer Sampled

Parameter	Method	Result			DIL	PQL	Prep Date	Test Date	Analyst
1,2,3-TRICHLOROPROPANE	5035/8260	U	mg/kg	DRY	100	0.24	09/05/07	09/10/07	AJ
1,1,2,2-TETRACHLOROETHANE	5035/8260	U	mg/kg	DRY	100	0.12	09/05/07	09/10/07	AJ
ISOPROPYLBENZENE	5035/8260	0.931	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
BROMOBENZENE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
N-PROPYLBENZENE	5035/8260	2.96	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
2-CHLOROTOLUENE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
4-CHLOROTOLUENE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
1,3,5-TRIMETHYLBENZENE	5035/8260	5.75	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
TERT-BUTYLBENZENE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
1,2,4-TRIMETHYLBENZENE	5035/8260	16.3	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
SEC-BUTYLBENZENE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
1,3-DICHLOROBENZENE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
1,4-DICHLOROBENZENE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
P-ISOPROPYLTOLUENE	5035/8260	1.22	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
1,2-DICHLOROBENZENE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
N-BUTYLBENZENE	5035/8260	0.995	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
1,2-DIBROMO-3-CHLOROPROPANE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
1,2,4-TRICHLOROBENZENE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
NAPHTHALENE	5035/8260	3.30	mg/kg	DRY	100	0.47	09/05/07	09/10/07	AJ
HEXACHLOROBUTADIENE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
1,2,3-TRICHLOROBENZENE	5035/8260	U	mg/kg	DRY	100	0.59	09/05/07	09/10/07	AJ
SURROGATES		% RECOVERY				% Recovery Limits			
DIBROMOFLUOROMETHANE (SURR)	5035/8260	40	%		100	40-147		09/10/07	AJ
TOLUENE-D8 (SURR)	5035/8260	22 J1	%		100	29-146		09/10/07	AJ
4-BROMOFLUOROBENZENE (SURR)	5035/8260	54	%		100	24-141		09/10/07	AJ

Serial Number: 655308

ANALYTICAL RESULTS
Printed: 09/19/07 09:58pm

Project No: 003943, ENVIRO ASSESSMENTS (NC)
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Inv. No: 197760

Sample Number L235231-2
Sample Description S-2-4
Samp. Date/Time/Temp 09/05/07 08:30am NA C
Receive Date 09/07/07
Sampled by Customer Sampled

Parameter	Method	Result			DIL	PQL	Prep Date	Test Date	Analyst
DIPE	5035/8260	U	mg/kg	DRY	100	1.2	09/05/07	09/10/07	AJ
BNA Extractable Compounds									
N-NITROSODIMETHYLAMINE	3550/8270	U	mg/kg	DRY	1	0.39	09/08/07	09/10/07	JW
ANILINE	3550/8270	U	mg/kg	DRY	1	0.39	09/08/07	09/10/07	JW
PHENOL	3550/8270	U	mg/kg	DRY	1	0.39	09/08/07	09/10/07	JW
BIS(2-CHLOROETHYL)ETHER	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
2-CHLOROPHENOL	3550/8270	U	mg/kg	DRY	1	0.39	09/08/07	09/10/07	JW
1,3-DICHLOROBENZENE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
1,4-DICHLOROBENZENE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
BENZYL ALCOHOL	3550/8270	U	mg/kg	DRY	1	0.39	09/08/07	09/10/07	JW
1,2-DICHLOROBENZENE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
2-METHYLPHENOL	3550/8270	U	mg/kg	DRY	1	0.39	09/08/07	09/10/07	JW
BIS(2-CHLOROISOPROPYL)ETHER	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
N-NITROSO-DI-N-PROPYLAMINE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
3&4-METHYLPHENOL	3550/8270	U*	mg/kg	DRY	1	0.39	09/08/07	09/10/07	JW
HEXACHLOROETHANE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
NITROBENZENE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
ISOPHORONE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
2-NITROPHENOL	3550/8270	U	mg/kg	DRY	1	0.39	09/08/07	09/10/07	JW
2,4-DIMETHYLPHENOL	3550/8270	U	mg/kg	DRY	1	0.39	09/08/07	09/10/07	JW
BIS(2-CHLOROETHOXY)METHANE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
BENZOIC ACID	3550/8270	U	mg/kg	DRY	1	1.2	09/08/07	09/10/07	JW
2,4-DICHLOROPHENOL	3550/8270	U	mg/kg	DRY	1	0.39	09/08/07	09/10/07	JW
1,2,4-TRICHLOROBENZENE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
NAPHTHALENE	3550/8270	0.573	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
4-CHLOROANILINE	3550/8270	U	mg/kg	DRY	1	0.39	09/08/07	09/10/07	JW

Serial Number: 655308

ANALYTICAL RESULTS
Printed: 09/19/07 09:58pm

Project No: 003943, ENVIRO ASSESSMENTS (NC)
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Inv. No: 197760

Sample Number L235231-2
Sample Description S-2-4
Samp. Date/Time/Temp 09/05/07 08:30am NA C
Receive Date 09/07/07
Sampled by Customer Sampled

Parameter	Method	Result			DIL	PQL	Prep Date	Test Date	Analyst
HEXACHLOROBUTADIENE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
4-CHLORO-3-METHYLPHENOL	3550/8270	U	mg/kg	DRY	1	0.39	09/08/07	09/10/07	JW
2-METHYLNAPHTHALENE	3550/8270	0.626	mg/kg	DRY	1	0.24	09/08/07	09/10/07	JW
1-METHYLNAPHTHALENE	3550/8270	0.304	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
HEXACHLOROCYCLOPENTADIENE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
2,4,6-TRICHLOROPHENOL	3550/8270	U	mg/kg	DRY	1	0.39	09/08/07	09/10/07	JW
2,4,5-TRICHLOROPHENOL	3550/8270	U	mg/kg	DRY	1	0.39	09/08/07	09/10/07	JW
2-CHLORONAPHTHALENE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
2-NITROANILINE	3550/8270	U	mg/kg	DRY	1	1.2	09/08/07	09/10/07	JW
DIMETHYLPHTHALATE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
2,6-DINITROTOLUENE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
ACENAPHTHYLENE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
3-NITROANILINE	3550/8270	U	mg/kg	DRY	1	1.2	09/08/07	09/10/07	JW
ACENAPHTHENE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
2,4-DINITROPHENOL	3550/8270	U	mg/kg	DRY	1	1.2	09/08/07	09/10/07	JW
DIBENZOFURAN	3550/8270	U	mg/kg	DRY	1	0.39	09/08/07	09/10/07	JW
2,4-DINITROTOLUENE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
4-NITROPHENOL	3550/8270	U	mg/kg	DRY	1	1.2	09/08/07	09/10/07	JW
DIETHYLPHTHALATE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
FLUORENE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
4-CHLOROPHENYL-PHENYLETHER	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
4-NITROANILINE	3550/8270	U	mg/kg	DRY	1	1.2	09/08/07	09/10/07	JW
4,6-DINITRO-2-METHYLPHENOL	3550/8270	U	mg/kg	DRY	1	1.2	09/08/07	09/10/07	JW
N-NITROSODIPHENYLAMINE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
1,2-DIPHENYLHYDRAZINE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW

Serial Number: 655308

ANALYTICAL RESULTS
Printed: 09/19/07 09:58pm

Project No: 003943, ENVIRO ASSESSMENTS (NC)
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Inv. No: 197760

Sample Number L235231-2
Sample Description S-2-4
Samp. Date/Time/Temp 09/05/07 08:30am NA C
Receive Date 09/07/07
Sampled by Customer Sampled

Parameter	Method	Result			DIL	PQL	Prep Date	Test Date	Analyst
4-BROMOPHENYL-PHENYLETHER	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
HEXACHLOROBENZENE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
PENTACHLOROPHENOL	3550/8270	U	mg/kg	DRY	1	1.2	09/08/07	09/10/07	JW
PHENANTHRENE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
ANTHRACENE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
CARBAZOLE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
DI-N-BUTYLPHTHALATE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
FLUORANTHENE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
BENZIDINE	3550/8270	U	mg/kg	DRY	1	4.7	09/08/07	09/10/07	JW
PYRENE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
BUTYLBENZYLPHTHALATE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
BENZO(A)ANTHRACENE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
3,3'-DICHLOROBENZIDINE	3550/8270	U	mg/kg	DRY	1	0.79	09/08/07	09/10/07	JW
CHRYSENE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
BIS(2-ETHYLHEXYL)PHTHALATE	3550/8270	U	mg/kg	DRY	1	0.39	09/08/07	09/10/07	JW
DI-N-OCTYLPHTHALATE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
BENZO(B)FLUORANTHENE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
BENZO(K)FLUORANTHENE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
BENZO(A)PYRENE	3550/8270	U	mg/kg	DRY	1	0.071	09/08/07	09/10/07	JW
INDENO(1,2,3-CD)PYRENE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
DIBENZ(A,H)ANTHRACENE	3550/8270	U	mg/kg	DRY	1	0.071	09/08/07	09/10/07	JW
BENZO(G,H,I)PERYLENE	3550/8270	U	mg/kg	DRY	1	0.12	09/08/07	09/10/07	JW
SURROGATES		% RECOVERY				% Recovery Limits			
NITROBENZENE-D5 (SURR)	3550/8270	69	%		1	15-121	09/08/07	09/10/07	JW
2-FLUOROBIPHENYL (SURR)	3550/8270	74	%		1	42-111	09/08/07	09/10/07	JW

Serial Number: 655308

ANALYTICAL RESULTS
Printed: 09/19/07 09:58pm

Project No: 003943, ENVIRO ASSESSMENTS (NC)
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Inv. No: 197760

Sample Number L235231-2
Sample Description S-2-4
Samp. Date/Time/Temp 09/05/07 08:30am NA C
Receive Date 09/07/07
Sampled by Customer Sampled

Parameter	Method	Result		DIL	PQL	Prep Date	Test Date	Analyst
TERPHENYL-D14 (SURR)	3550/8270	96	%	1	37-143	09/08/07	09/10/07	JW
PHENOL-D5 (SURR)	3550/8270	73	%	1	30-109	09/08/07	09/10/07	JW
2-FLUOROPHENOL (SURR)	3550/8270	74	%	1	29-109	09/08/07	09/10/07	JW
2,4,6-TRIBROMOPHENOL (SURR)	3550/8270	71	%	1	47-123	09/08/07	09/10/07	JW
Petroleum Hydrocarbons								
EPH	MADEP	ATTACHED				N/A		
VPH	MADEP	ATTACHED				N/A		
Percent Solids/Moisture								
TOTAL SOLIDS PERCENT	160.3	85.0	%	1		N/A	09/08/07	MEP

**** NOTES CONCERNING THE ABOVE SAMPLE ****

3&4-METHYLPHENOL - The reported analyte is not NELAC certified

Serial Number: 655308

ANALYTICAL RESULTS
Printed: 09/19/07 09:58pm

Project No: 003943, ENVIRO ASSESSMENTS (NC)
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Inv. No: 197760

Sample Number L235231-3
Sample Description S-3-4
Samp. Date/Time/Temp 09/05/07 11:15am NA C
Receive Date 09/07/07
Sampled by Customer Sampled
Received Temp 4 C Iced (Y/N): Y

Parameter	Method	Result			DIL	PQL	Prep Date	Test Date	Analyst
Volatile Organic Compounds									
DICHLORODIFLUOROMETHANE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
CHLOROMETHANE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
VINYL CHLORIDE	5035/8260	U	mg/kg	DRY	1.01	0.0043	09/05/07	09/10/07	AJ
BROMOMETHANE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
CHLOROETHANE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
TRICHLOROFLUOROMETHANE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
ACROLEIN	5035/8260	U	mg/kg	DRY	1.01	0.027	09/05/07	09/10/07	AJ
ACETONE	5035/8260	U	mg/kg	DRY	1.01	0.054	09/05/07	09/10/07	AJ
1,1-DICHLOROETHENE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
ACRYLONITRILE	5035/8260	U	mg/kg	DRY	1.01	0.027	09/05/07	09/10/07	AJ
METHYLENE CHLORIDE	5035/8260	U	mg/kg	DRY	1.01	0.011	09/05/07	09/10/07	AJ
CARBON DISULFIDE	5035/8260	U	mg/kg	DRY	1.01	0.054	09/05/07	09/10/07	AJ
TRANS-1,2-DICHLOROETHENE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
METHYL TERTIARY BUTYL ETHER	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
1,1-DICHLOROETHANE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
VINYL ACETATE	5035/8260	U	mg/kg	DRY	1.01	0.011	09/05/07	09/10/07	AJ
2-BUTANONE	5035/8260	U	mg/kg	DRY	1.01	0.054	09/05/07	09/10/07	AJ
CIS-1,2-DICHLOROETHENE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
BROMOCHLOROMETHANE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
CHLOROFORM	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
2,2-DICHLOROPROPANE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
1,2-DICHLOROETHANE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
1,1,1-TRICHLOROETHANE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
1,1-DICHLOROPROPENE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ

Serial Number: 655308

ANALYTICAL RESULTS
Printed: 09/19/07 09:58pm

Project No: 003943, ENVIRO ASSESSMENTS (NC)
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Inv. No: 197760

Sample Number L235231-3
Sample Description S-3-4
Samp. Date/Time/Temp 09/05/07 11:15am NA C
Receive Date 09/07/07
Sampled by Customer Sampled

Parameter	Method	Result			DIL	PQL	Prep Date	Test Date	Analyst
CARBON TETRACHLORIDE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
BENZENE	5035/8260	U	mg/kg	DRY	1.01	0.0022	09/05/07	09/10/07	AJ
DIBROMOMETHANE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
1,2-DICHLOROPROPANE	5035/8260	U	mg/kg	DRY	1.01	0.0022	09/05/07	09/10/07	AJ
TRICHLOROETHENE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
BROMODICHLOROMETHANE	5035/8260	U	mg/kg	DRY	1.01	0.0022	09/05/07	09/10/07	AJ
2-CHLOROETHYL VINYL ETHER	5035/8260	U	mg/kg	DRY	1.01	0.054	09/05/07	09/10/07	AJ
CIS-1,3-DICHLOROPROPENE	5035/8260	U	mg/kg	DRY	1.01	0.0022	09/05/07	09/10/07	AJ
4-METHYL-2-PENTANONE	5035/8260	U	mg/kg	DRY	1.01	0.054	09/05/07	09/10/07	AJ
TRANS-1,3-DICHLOROPROPENE	5035/8260	U	mg/kg	DRY	1.01	0.0022	09/05/07	09/10/07	AJ
1,1,2-TRICHLOROETHANE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
TOLUENE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
1,3-DICHLOROPROPANE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
DIBROMOCHLOROMETHANE	5035/8260	U	mg/kg	DRY	1.01	0.0022	09/05/07	09/10/07	AJ
2-HEXANONE	5035/8260	U	mg/kg	DRY	1.01	0.054	09/05/07	09/10/07	AJ
1,2-DIBROMOETHANE	5035/8260	U	mg/kg	DRY	1.01	0.0022	09/05/07	09/10/07	AJ
TETRACHLOROETHENE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
1,1,1,2-TETRACHLOROETHANE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
CHLOROBENZENE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
ETHYL BENZENE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
M&P-XYLENES	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
BROMOFORM	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
STYRENE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
O-XYLENE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
XYLENES (TOTAL)	5035/8260	U	mg/kg	DRY	1.01	0.011	09/05/07	09/10/07	AJ

Serial Number: 655308

ANALYTICAL RESULTS
Printed: 09/19/07 09:58pm

Project No: 003943, ENVIRO ASSESSMENTS (NC)
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Inv. No: 197760

Sample Number L235231-3
Sample Description S-3-4
Samp. Date/Time/Temp 09/05/07 11:15am NA C
Receive Date 09/07/07
Sampled by Customer Sampled

Parameter	Method	Result			DIL	PQL	Prep Date	Test Date	Analyst
1,2,3-TRICHLOROPROPANE	5035/8260	U	mg/kg	DRY	1.01	0.0022	09/05/07	09/10/07	AJ
1,1,2,2-TETRACHLOROETHANE	5035/8260	U	mg/kg	DRY	1.01	0.0011	09/05/07	09/10/07	AJ
ISOPROPYLBENZENE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
BROMOBENZENE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
N-PROPYLBENZENE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
2-CHLOROTOLUENE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
4-CHLOROTOLUENE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
1,3,5-TRIMETHYLBENZENE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
TERT-BUTYLBENZENE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
1,2,4-TRIMETHYLBENZENE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
SEC-BUTYLBENZENE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
1,3-DICHLOROBENZENE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
1,4-DICHLOROBENZENE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
P-ISOPROPYLTOLUENE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
1,2-DICHLOROBENZENE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
N-BUTYLBENZENE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
1,2-DIBROMO-3-CHLOROPROPANE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
1,2,4-TRICHLOROBENZENE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
NAPHTHALENE	5035/8260	U	mg/kg	DRY	1.01	0.0043	09/05/07	09/10/07	AJ
HEXACHLOROBUTADIENE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ
1,2,3-TRICHLOROBENZENE	5035/8260	U	mg/kg	DRY	1.01	0.0054	09/05/07	09/10/07	AJ

SURROGATES		% RECOVERY			% Recovery Limits			
DIBROMOFLUOROMETHANE (SURR)	5035/8260	85	%		1.01	40-147	09/10/07	AJ
TOLUENE-D8 (SURR)	5035/8260	71	%		1.01	29-146	09/10/07	AJ
4-BROMOFLUOROBENZENE (SURR)	5035/8260	53	%		1.01	24-141	09/10/07	AJ

Serial Number: 655308

ANALYTICAL RESULTS
Printed: 09/19/07 09:58pm

Project No: 003943, ENVIRO ASSESSMENTS (NC)
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Inv. No: 197760

Sample Number L235231-3
Sample Description S-3-4
Samp. Date/Time/Temp 09/05/07 11:15am NA C
Receive Date 09/07/07
Sampled by Customer Sampled

Parameter	Method	Result			DIL	PQL	Prep Date	Test Date	Analyst
DIPE	5035/8260	U	mg/kg	DRY	1.01	0.011	09/05/07	09/10/07	AJ
BNA Extractable Compounds									
N-NITROSODIMETHYLAMINE	3550/8270	U	mg/kg	DRY	1	0.35	09/08/07	09/10/07	JW
ANILINE	3550/8270	U	mg/kg	DRY	1	0.35	09/08/07	09/10/07	JW
PHENOL	3550/8270	U	mg/kg	DRY	1	0.35	09/08/07	09/10/07	JW
BIS(2-CHLOROETHYL)ETHER	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
2-CHLOROPHENOL	3550/8270	U	mg/kg	DRY	1	0.35	09/08/07	09/10/07	JW
1,3-DICHLOROBENZENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
1,4-DICHLOROBENZENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
BENZYL ALCOHOL	3550/8270	U	mg/kg	DRY	1	0.35	09/08/07	09/10/07	JW
1,2-DICHLOROBENZENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
2-METHYLPHENOL	3550/8270	U	mg/kg	DRY	1	0.35	09/08/07	09/10/07	JW
BIS(2-CHLOROISOPROPYL)ETHER	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
N-NITROSO-DI-N-PROPYLAMINE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
3&4-METHYLPHENOL	3550/8270	U*	mg/kg	DRY	1	0.35	09/08/07	09/10/07	JW
HEXACHLOROETHANE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
NITROBENZENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
ISOPHORONE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
2-NITROPHENOL	3550/8270	U	mg/kg	DRY	1	0.35	09/08/07	09/10/07	JW
2,4-DIMETHYLPHENOL	3550/8270	U	mg/kg	DRY	1	0.35	09/08/07	09/10/07	JW
BIS(2-CHLOROETHOXY)METHANE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
BENZOIC ACID	3550/8270	U	mg/kg	DRY	1	1.1	09/08/07	09/10/07	JW
2,4-DICHLOROPHENOL	3550/8270	U	mg/kg	DRY	1	0.35	09/08/07	09/10/07	JW
1,2,4-TRICHLOROBENZENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
NAPHTHALENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
4-CHLOROANILINE	3550/8270	U	mg/kg	DRY	1	0.35	09/08/07	09/10/07	JW

Serial Number: 655308

ANALYTICAL RESULTS
Printed: 09/19/07 09:58pm

Project No: 003943, ENVIRO ASSESSMENTS (NC)
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Inv. No: 197760

Sample Number L235231-3
Sample Description S-3-4
Samp. Date/Time/Temp 09/05/07 11:15am NA C
Receive Date 09/07/07
Sampled by Customer Sampled

Parameter	Method	Result			DIL	PQL	Prep Date	Test Date	Analyst
HEXACHLOROBUTADIENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
4-CHLORO-3-METHYLPHENOL	3550/8270	U	mg/kg	DRY	1	0.35	09/08/07	09/10/07	JW
2-METHYLNAPHTHALENE	3550/8270	U	mg/kg	DRY	1	0.21	09/08/07	09/10/07	JW
1-METHYLNAPHTHALENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
HEXACHLOROCYCLOPENTADIENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
2,4,6-TRICHLOROPHENOL	3550/8270	U	mg/kg	DRY	1	0.35	09/08/07	09/10/07	JW
2,4,5-TRICHLOROPHENOL	3550/8270	U	mg/kg	DRY	1	0.35	09/08/07	09/10/07	JW
2-CHLORONAPHTHALENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
2-NITROANILINE	3550/8270	U	mg/kg	DRY	1	1.1	09/08/07	09/10/07	JW
DIMETHYLPHTHALATE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
2,6-DINITROTOLUENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
ACENAPHTHYLENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
3-NITROANILINE	3550/8270	U	mg/kg	DRY	1	1.1	09/08/07	09/10/07	JW
ACENAPHTHENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
2,4-DINITROPHENOL	3550/8270	U	mg/kg	DRY	1	1.1	09/08/07	09/10/07	JW
DIBENZOFURAN	3550/8270	U	mg/kg	DRY	1	0.35	09/08/07	09/10/07	JW
2,4-DINITROTOLUENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
4-NITROPHENOL	3550/8270	U	mg/kg	DRY	1	1.1	09/08/07	09/10/07	JW
DIETHYLPHTHALATE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
FLUORENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
4-CHLOROPHENYL-PHENYLETHER	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
4-NITROANILINE	3550/8270	U	mg/kg	DRY	1	1.1	09/08/07	09/10/07	JW
4,6-DINITRO-2-METHYLPHENOL	3550/8270	U	mg/kg	DRY	1	1.1	09/08/07	09/10/07	JW
N-NITROSODIPHENYLAMINE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
1,2-DIPHENYLHYDRAZINE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW

Serial Number: 655308

ANALYTICAL RESULTS
Printed: 09/19/07 09:58pm

Project No: 003943, ENVIRO ASSESSMENTS (NC)
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Inv. No: 197760

Sample Number L235231-3
Sample Description S-3-4
Samp. Date/Time/Temp 09/05/07 11:15am NA C
Receive Date 09/07/07
Sampled by Customer Sampled

Parameter	Method	Result			DIL	PQL	Prep Date	Test Date	Analyst
4-BROMOPHENYL-PHENYLETHER	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
HEXACHLOROBENZENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
PENTACHLOROPHENOL	3550/8270	U	mg/kg	DRY	1	1.1	09/08/07	09/10/07	JW
PHENANTHRENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
ANTHRACENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
CARBAZOLE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
DI-N-BUTYLPHTHALATE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
FLUORANTHENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
BENZIDINE	3550/8270	U	mg/kg	DRY	1	4.3	09/08/07	09/10/07	JW
PYRENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
BUTYLBENZYLPHTHALATE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
BENZO(A)ANTHRACENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
3,3'-DICHLOROBENZIDINE	3550/8270	U	mg/kg	DRY	1	0.71	09/08/07	09/10/07	JW
CHRYSENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
BIS(2-ETHYLHEXYL)PHTHALATE	3550/8270	U	mg/kg	DRY	1	0.35	09/08/07	09/10/07	JW
DI-N-OCTYLPHTHALATE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
BENZO(B)FLUORANTHENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
BENZO(K)FLUORANTHENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
BENZO(A)PYRENE	3550/8270	U	mg/kg	DRY	1	0.064	09/08/07	09/10/07	JW
INDENO(1,2,3-CD)PYRENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
DIBENZ(A,H)ANTHRACENE	3550/8270	U	mg/kg	DRY	1	0.064	09/08/07	09/10/07	JW
BENZO(G,H,I)PERYLENE	3550/8270	U	mg/kg	DRY	1	0.11	09/08/07	09/10/07	JW
SURROGATES		% RECOVERY				% Recovery Limits			
NITROBENZENE-D5 (SURR)	3550/8270	71	%		1	15-121	09/08/07	09/10/07	JW
2-FLUOROBIPHENYL (SURR)	3550/8270	88	%		1	42-111	09/08/07	09/10/07	JW

Serial Number: 655308

ANALYTICAL RESULTS
Printed: 09/19/07 09:58pm

Project No: 003943, ENVIRO ASSESSMENTS (NC)
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Inv. No: 197760

Sample Number L235231-3
Sample Description S-3-4
Samp. Date/Time/Temp 09/05/07 11:15am NA C
Receive Date 09/07/07
Sampled by Customer Sampled

Parameter	Method	Result		DIL	PQL	Prep Date	Test Date	Analyst
TERPHENYL-D14 (SURR)	3550/8270	92	%	1	37-143	09/08/07	09/10/07	JW
PHENOL-D5 (SURR)	3550/8270	73	%	1	30-109	09/08/07	09/10/07	JW
2-FLUOROPHENOL (SURR)	3550/8270	74	%	1	29-109	09/08/07	09/10/07	JW
2,4,6-TRIBROMOPHENOL (SURR)	3550/8270	76	%	1	47-123	09/08/07	09/10/07	JW
Petroleum Hydrocarbons								
EPH	MADEP	ATTACHED				N/A		
VPH	MADEP	ATTACHED				N/A		
Percent Solids/Moisture								
TOTAL SOLIDS PERCENT	160.3	93.8	%	1		N/A	09/08/07	MEP

**** NOTES CONCERNING THE ABOVE SAMPLE ****

3&4-METHYLPHENOL - The reported analyte is not NELAC certified

Serial Number: 655308

ANALYTICAL RESULTS
Printed: 09/19/07 09:58pm

Project No: 003943, ENVIRO ASSESSMENTS (NC)
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Inv. No: 197760

Sample Number L235231-4
Sample Description S-4-4
Samp. Date/Time/Temp 09/05/07 01:00pm NA C
Receive Date 09/07/07
Sampled by Customer Sampled
Received Temp 4 C Iced (Y/N): Y

Parameter	Method	Result			DIL	PQL	Prep Date	Test Date	Analyst
Volatile Organic Compounds									
DICHLORODIFLUOROMETHANE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
CHLOROMETHANE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
VINYL CHLORIDE	5035/8260	U	mg/kg	DRY	.95	0.0039	09/05/07	09/10/07	AJ
BROMOMETHANE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
CHLOROETHANE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
TRICHLOROFLUOROMETHANE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
ACROLEIN	5035/8260	U	mg/kg	DRY	.95	0.025	09/05/07	09/10/07	AJ
ACETONE	5035/8260	U	mg/kg	DRY	.95	0.049	09/05/07	09/10/07	AJ
1,1-DICHLOROETHENE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
ACRYLONITRILE	5035/8260	U	mg/kg	DRY	.95	0.025	09/05/07	09/10/07	AJ
METHYLENE CHLORIDE	5035/8260	U	mg/kg	DRY	.95	0.0098	09/05/07	09/10/07	AJ
CARBON DISULFIDE	5035/8260	U	mg/kg	DRY	.95	0.049	09/05/07	09/10/07	AJ
TRANS-1,2-DICHLOROETHENE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
METHYL TERTIARY BUTYL ETHER	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
1,1-DICHLOROETHANE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
VINYL ACETATE	5035/8260	U	mg/kg	DRY	.95	0.0098	09/05/07	09/10/07	AJ
2-BUTANONE	5035/8260	U	mg/kg	DRY	.95	0.049	09/05/07	09/10/07	AJ
CIS-1,2-DICHLOROETHENE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
BROMOCHLOROMETHANE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
CHLOROFORM	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
2,2-DICHLOROPROPANE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
1,2-DICHLOROETHANE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
1,1,1-TRICHLOROETHANE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
1,1-DICHLOROPROPENE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ

Serial Number: 655308

ANALYTICAL RESULTS
Printed: 09/19/07 09:58pm

Project No: 003943, ENVIRO ASSESSMENTS (NC)
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Inv. No: 197760

Sample Number L235231-4
Sample Description S-4-4
Samp. Date/Time/Temp 09/05/07 01:00pm NA C
Receive Date 09/07/07
Sampled by Customer Sampled

Parameter	Method	Result			DIL	PQL	Prep Date	Test Date	Analyst
CARBON TETRACHLORIDE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
BENZENE	5035/8260	U	mg/kg	DRY	.95	0.0020	09/05/07	09/10/07	AJ
DIBROMOMETHANE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
1,2-DICHLOROPROPANE	5035/8260	U	mg/kg	DRY	.95	0.0020	09/05/07	09/10/07	AJ
TRICHLOROETHENE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
BROMODICHLOROMETHANE	5035/8260	U	mg/kg	DRY	.95	0.0020	09/05/07	09/10/07	AJ
2-CHLOROETHYL VINYL ETHER	5035/8260	U	mg/kg	DRY	.95	0.049	09/05/07	09/10/07	AJ
CIS-1,3-DICHLOROPROPENE	5035/8260	U	mg/kg	DRY	.95	0.0020	09/05/07	09/10/07	AJ
4-METHYL-2-PENTANONE	5035/8260	U	mg/kg	DRY	.95	0.049	09/05/07	09/10/07	AJ
TRANS-1,3-DICHLOROPROPENE	5035/8260	U	mg/kg	DRY	.95	0.0020	09/05/07	09/10/07	AJ
1,1,2-TRICHLOROETHANE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
TOLUENE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
1,3-DICHLOROPROPANE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
DIBROMOCHLOROMETHANE	5035/8260	U	mg/kg	DRY	.95	0.0020	09/05/07	09/10/07	AJ
2-HEXANONE	5035/8260	U	mg/kg	DRY	.95	0.049	09/05/07	09/10/07	AJ
1,2-DIBROMOETHANE	5035/8260	U	mg/kg	DRY	.95	0.0020	09/05/07	09/10/07	AJ
TETRACHLOROETHENE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
1,1,1,2-TETRACHLOROETHANE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
CHLOROBENZENE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
ETHYL BENZENE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
M&P-XYLENES	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
BROMOFORM	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
STYRENE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
O-XYLENE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
XYLENES (TOTAL)	5035/8260	U	mg/kg	DRY	.95	0.0098	09/05/07	09/10/07	AJ

Serial Number: 655308

ANALYTICAL RESULTS
Printed: 09/19/07 09:58pm

Project No: 003943, ENVIRO ASSESSMENTS (NC)
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Inv. No: 197760

Sample Number L235231-4
Sample Description S-4-4
Samp. Date/Time/Temp 09/05/07 01:00pm NA C
Receive Date 09/07/07
Sampled by Customer Sampled

Parameter	Method	Result			DIL	PQL	Prep Date	Test Date	Analyst
1,2,3-TRICHLOROPROPANE	5035/8260	U	mg/kg	DRY	.95	0.0020	09/05/07	09/10/07	AJ
1,1,2,2-TETRACHLOROETHANE	5035/8260	U	mg/kg	DRY	.95	0.00098	09/05/07	09/10/07	AJ
ISOPROPYLBENZENE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
BROMOBENZENE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
N-PROPYLBENZENE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
2-CHLOROTOLUENE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
4-CHLOROTOLUENE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
1,3,5-TRIMETHYLBENZENE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
TERT-BUTYLBENZENE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
1,2,4-TRIMETHYLBENZENE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
SEC-BUTYLBENZENE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
1,3-DICHLOROBENZENE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
1,4-DICHLOROBENZENE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
P-ISOPROPYLTOLUENE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
1,2-DICHLOROBENZENE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
N-BUTYLBENZENE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
1,2-DIBROMO-3-CHLOROPROPANE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
1,2,4-TRICHLOROBENZENE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
NAPHTHALENE	5035/8260	U	mg/kg	DRY	.95	0.0039	09/05/07	09/10/07	AJ
HEXACHLOROBUTADIENE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
1,2,3-TRICHLOROBENZENE	5035/8260	U	mg/kg	DRY	.95	0.0049	09/05/07	09/10/07	AJ
SURROGATES		% RECOVERY				% Recovery Limits			
DIBROMOFLUOROMETHANE (SURR)	5035/8260	82	%		.95	40-147		09/10/07	AJ
TOLUENE-D8 (SURR)	5035/8260	67	%		.95	29-146		09/10/07	AJ
4-BROMOFLUOROBENZENE (SURR)	5035/8260	52	%		.95	24-141		09/10/07	AJ

Serial Number: 655308

ANALYTICAL RESULTS
Printed: 09/19/07 09:58pm

Project No: 003943, ENVIRO ASSESSMENTS (NC)
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Inv. No: 197760

Sample Number L235231-4
Sample Description S-4-4
Samp. Date/Time/Temp 09/05/07 01:00pm NA C
Receive Date 09/07/07
Sampled by Customer Sampled

Parameter	Method	Result			DIL	PQL	Prep Date	Test Date	Analyst
DIPE	5035/8260	U	mg/kg	DRY	.95	0.0098	09/05/07	09/10/07	AJ
BNA Extractable Compounds									
N-NITROSODIMETHYLAMINE	3550/8270	U	mg/kg	DRY	1	0.34	09/08/07	09/10/07	JW
ANILINE	3550/8270	U	mg/kg	DRY	1	0.34	09/08/07	09/10/07	JW
PHENOL	3550/8270	U	mg/kg	DRY	1	0.34	09/08/07	09/10/07	JW
BIS(2-CHLOROETHYL)ETHER	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
2-CHLOROPHENOL	3550/8270	U	mg/kg	DRY	1	0.34	09/08/07	09/10/07	JW
1,3-DICHLOROBENZENE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
1,4-DICHLOROBENZENE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
BENZYL ALCOHOL	3550/8270	U	mg/kg	DRY	1	0.34	09/08/07	09/10/07	JW
1,2-DICHLOROBENZENE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
2-METHYLPHENOL	3550/8270	U	mg/kg	DRY	1	0.34	09/08/07	09/10/07	JW
BIS(2-CHLOROISOPROPYL)ETHER	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
N-NITROSO-DI-N-PROPYLAMINE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
3&4-METHYLPHENOL	3550/8270	U*	mg/kg	DRY	1	0.34	09/08/07	09/10/07	JW
HEXACHLOROETHANE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
NITROBENZENE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
ISOPHORONE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
2-NITROPHENOL	3550/8270	U	mg/kg	DRY	1	0.34	09/08/07	09/10/07	JW
2,4-DIMETHYLPHENOL	3550/8270	U	mg/kg	DRY	1	0.34	09/08/07	09/10/07	JW
BIS(2-CHLOROETHOXY)METHANE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
BENZOIC ACID	3550/8270	U	mg/kg	DRY	1	1.0	09/08/07	09/10/07	JW
2,4-DICHLOROPHENOL	3550/8270	U	mg/kg	DRY	1	0.34	09/08/07	09/10/07	JW
1,2,4-TRICHLOROBENZENE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
NAPHTHALENE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
4-CHLOROANILINE	3550/8270	U	mg/kg	DRY	1	0.34	09/08/07	09/10/07	JW

Serial Number: 655308

ANALYTICAL RESULTS
Printed: 09/19/07 09:58pm

Project No: 003943, ENVIRO ASSESSMENTS (NC)
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Inv. No: 197760

Sample Number L235231-4
Sample Description S-4-4
Samp. Date/Time/Temp 09/05/07 01:00pm NA C
Receive Date 09/07/07
Sampled by Customer Sampled

Parameter	Method	Result			DIL	PQL	Prep Date	Test Date	Analyst
HEXACHLOROBUTADIENE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
4-CHLORO-3-METHYLPHENOL	3550/8270	U	mg/kg	DRY	1	0.34	09/08/07	09/10/07	JW
2-METHYLNAPHTHALENE	3550/8270	U	mg/kg	DRY	1	0.21	09/08/07	09/10/07	JW
1-METHYLNAPHTHALENE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
HEXACHLOROCYCLOPENTADIENE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
2,4,6-TRICHLOROPHENOL	3550/8270	U	mg/kg	DRY	1	0.34	09/08/07	09/10/07	JW
2,4,5-TRICHLOROPHENOL	3550/8270	U	mg/kg	DRY	1	0.34	09/08/07	09/10/07	JW
2-CHLORONAPHTHALENE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
2-NITROANILINE	3550/8270	U	mg/kg	DRY	1	1.0	09/08/07	09/10/07	JW
DIMETHYLPHTHALATE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
2,6-DINITROTOLUENE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
ACENAPHTHYLENE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
3-NITROANILINE	3550/8270	U	mg/kg	DRY	1	1.0	09/08/07	09/10/07	JW
ACENAPHTHENE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
2,4-DINITROPHENOL	3550/8270	U	mg/kg	DRY	1	1.0	09/08/07	09/10/07	JW
DIBENZOFURAN	3550/8270	U	mg/kg	DRY	1	0.34	09/08/07	09/10/07	JW
2,4-DINITROTOLUENE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
4-NITROPHENOL	3550/8270	U	mg/kg	DRY	1	1.0	09/08/07	09/10/07	JW
DIETHYLPHTHALATE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
FLUORENE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
4-CHLOROPHENYL-PHENYLETHER	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
4-NITROANILINE	3550/8270	U	mg/kg	DRY	1	1.0	09/08/07	09/10/07	JW
4,6-DINITRO-2-METHYLPHENOL	3550/8270	U	mg/kg	DRY	1	1.0	09/08/07	09/10/07	JW
N-NITROSODIPHENYLAMINE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
1,2-DIPHENYLHYDRAZINE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW

Serial Number: 655308

ANALYTICAL RESULTS
Printed: 09/19/07 09:58pm

Project No: 003943, ENVIRO ASSESSMENTS (NC)
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Inv. No: 197760

Sample Number L235231-4
Sample Description S-4-4
Samp. Date/Time/Temp 09/05/07 01:00pm NA C
Receive Date 09/07/07
Sampled by Customer Sampled

Parameter	Method	Result			DIL	PQL	Prep Date	Test Date	Analyst
4-BROMOPHENYL-PHENYLETHER	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
HEXACHLOROBENZENE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
PENTACHLOROPHENOL	3550/8270	U	mg/kg	DRY	1	1.0	09/08/07	09/10/07	JW
PHENANTHRENE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
ANTHRACENE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
CARBAZOLE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
DI-N-BUTYLPHTHALATE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
FLUORANTHENE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
BENZIDINE	3550/8270	U	mg/kg	DRY	1	4.1	09/08/07	09/10/07	JW
PYRENE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
BUTYLBENZYLPHTHALATE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
BENZO(A)ANTHRACENE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
3,3'-DICHLOROBENZIDINE	3550/8270	U	mg/kg	DRY	1	0.69	09/08/07	09/10/07	JW
CHRYSENE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
BIS(2-ETHYLHEXYL)PHTHALATE	3550/8270	U	mg/kg	DRY	1	0.34	09/08/07	09/10/07	JW
DI-N-OCTYLPHTHALATE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
BENZO(B)FLUORANTHENE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
BENZO(K)FLUORANTHENE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
BENZO(A)PYRENE	3550/8270	U	mg/kg	DRY	1	0.062	09/08/07	09/10/07	JW
INDENO(1,2,3-CD)PYRENE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
DIBENZ(A,H)ANTHRACENE	3550/8270	U	mg/kg	DRY	1	0.062	09/08/07	09/10/07	JW
BENZO(G,H,I)PERYLENE	3550/8270	U	mg/kg	DRY	1	0.10	09/08/07	09/10/07	JW
SURROGATES		% RECOVERY				% Recovery Limits			
NITROBENZENE-D5 (SURR)	3550/8270	77	%		1	15-121	09/08/07	09/10/07	JW
2-FLUOROBIPHENYL (SURR)	3550/8270	92	%		1	42-111	09/08/07	09/10/07	JW

Serial Number: 655308

ANALYTICAL RESULTS
Printed: 09/19/07 09:58pm

Project No: 003943, ENVIRO ASSESSMENTS (NC) Inv. No: 197760
Job Name: R.D PATE ESTATE
Job Id: 07-7019.3

Sample Number L235231-4
Sample Description S-4-4
Samp. Date/Time/Temp 09/05/07 01:00pm NA C
Receive Date 09/07/07
Sampled by Customer Sampled

Parameter	Method	Result		DIL	PQL	Prep Date	Test Date	Analyst
TERPHENYL-D14 (SURR)	3550/8270	106	%	1	37-143	09/08/07	09/10/07	JW
PHENOL-D5 (SURR)	3550/8270	77	%	1	30-109	09/08/07	09/10/07	JW
2-FLUOROPHENOL (SURR)	3550/8270	79	%	1	29-109	09/08/07	09/10/07	JW
2,4,6-TRIBROMOPHENOL (SURR)	3550/8270	80	%	1	47-123	09/08/07	09/10/07	JW
Petroleum Hydrocarbons								
EPH	MADEP	ATTACHED				N/A		
VPH	MADEP	ATTACHED				N/A		
Percent Solids/Moisture								
TOTAL SOLIDS PERCENT	160.3	96.8	%	1		N/A	09/08/07	MEP

**** NOTES CONCERNING THE ABOVE SAMPLE ****

3&4-METHYLPHENOL - The reported analyte is not NELAC certified

P.O. 176143

USBIOSYSTEMS

CHAIN OF CUSTODY RECORD

3231NW 7th Ave, Boca Raton, FL 33431
www.usbiosystems.com

Log# 235231 T#S 4 Quote: _____ Page ___ of ___

Container Type Codes

AV	Amber Vial	ES	Encore Sampler
CV	Clear Vial	PPV	Prepreserved vial
P	Plastic	PL C	Plastic container
AL	Amber Liter	PL J	Plastic Jar
CL	Clear Liter	Ziploc	Ziploc bag
AP	Amber Plastic	TEDLAR B	Tedlar bag
AG	Amber Glass	WHIRL P	Whirl pak
SJ	Soil Jar	G	Gallon Jug

Size(s): 2oz, 4oz, 8oz, 16oz, 32oz or 1L, 40ml other____
Example: 4ozP = 4oz Plastic, 8ozSJ= 8oz Soil Jar

Matrix Codes*

SD	Solid Waste	WW	Waste Water
SO	Soil	AFW	Analyte Free Water
SE	Sediment	DW	Drinking Water
OL	Oil	SU	Surface Water
PE	Petroleum	AQ	Aqueous
NA	Non-aqueous	SW	Source Water
ML	Misc. Liquid	A	Air
GW	Ground Water	O	Other ____ (Please Specify)
EFF	Effluent		
INF	Influent		

Pres/Codes

A. None	F. HCl	I. Ice
B. HNO3	E. MeOH	J. MCAA
C. H2SO4	G. Na2S2O3	K. Zn Acetate
D. NaOH	H. NaHSO4	O. Other

Company Name: Envirio Assessments PO#
Address: 9307 Monroe Road, suite K
City: Charlotte State: NC Zip: 28270
Attn: Don Warren Fax# 704-846-3271
email: dwarren@enviroassessments.com
Project Name R.D. Pate Estate Proj# 07-7019.3
Sampler Signature [signature] Phone# 704-846-8853

LAB ANALYSIS

#	Sample Label (Client ID)	Collect Date	Collect Time	Matrix Code*	Field Filtered	Integrity OK(Y/N)	Total # of containers	Sample	TRC	pH	Pres Codes	EPH - Petroleum	8270	VPH - Petroleum	8260 with IPE + MTBE	8260 with IPE + MTBE	8260 with IPE + MTBE				
i.e.	MW-1	6/16/04	11:35	GW	X		1														
																		# of Containors Size/Type			1 16ozP
_1	S-1-4	9/5/07	0730	SO			9					1 SJ	1 SJ	3 AV	1 SJ	2 CV	1 AV				
_2	S-2-4		0830	SO			9					1 SJ	1 SJ	3 AV	1 SJ	2 CV	1 AV				
_3	S-3-4		1115	SO			9					1 SJ	1 SJ	3 AV	1 SJ	2 CV	1 AV				
_4	S-4-4		1300	SO			9					1 SJ	1 SJ	3 AV	1 SJ	2 CV	1 AV				
_5																					
_6																					
_7																					
_8																					
_9																					
_0																					

EXAMPLE DIES BRCRA 6010

REMARKS

strong Petroleum odor

ORIGINAL

Standard	RUSH	Short Hold	QA/QC Report Level	COC OK	Initials	Required State Certification	Coolers #'s
Y Y/N	Date Required	Y [signature]	None ___ 1 ___ 2 ___ 3 ___ Other ___	Y / N	[signature]		___ ___ ___ ___ ___

Item	Relinquished by	Affiliation	Date	Time	Received by	Affiliation	Date	Time
	[signature]	Sampler	9-6-07	0900	[signature]	GD	9/6	15:40
	[signature]	GD	9/6	15:35				
					[signature]	USB	9/7/07	9:30

Lab Use Only

	Yes	No	N/A
Sample INTACT upon arrival?	✓		
Received on Wet Ice? Temp 4°C	✓		
Proper Preservatives Indicated?	✓		
Received within holding time?	✓		
Custody seals Intact?			✓
Volatile rec'd without headspace?			✓
Proper Containers Used?	✓		

162175

PRISM LABORATORIES, INC.

Case Narrative

Date:	09/17/07	**Client Project ID:**	L235231 EnviroAssessments
Company:	US Biosystems, Inc	**Prism COC Group No:**	G0907169
Contact:	Tiffany Mackie	**Collection Date(s):**	09/05/07
Address:	3231 NW 7th Avenue Boca Raton, Fl 33431	**Lab Submittal Date(s):**	09/06/07

This data package contains the analytical results for the project identified above and includes a Case Narrative, Laboratory Report and Quality Control Data totaling 11 pages. A chain-of-custody is also attached for the samples submitted to Prism for this project.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative. Quality control statements and/or sample specific remarks are included in the sample comments section of the laboratory report for each sample affected.

Semi Volatile Analysis

No Anomalies Reported

Volatile Analysis

Analysis Note for Q26429 MS C5-C8 Aliphatics: Recovery above the control limits.

Analysis Note for Q26429 MS C9-C12 Aliphatics: Recovery above the control limits.

Analysis Note for Q26429 MSD C5-C8 Aliphatics: Recovery above the control limits.

Analysis Note for Q26429 MSD C9-C12 Aliphatics: Recovery above the control limits.

Metals Analysis

N/A

Wet Lab and Micro Analysis

N/A

Please call if you have any questions relating to this analytical report.

Date Reviewed by:	Robbi A. Jones	**Project Manager:**	Robbi A. Jones
Signature:	Robbi A. Jones	**Signature:**	Robbi A. Jones
Review Date:	09/17/07	**Approval Date:**	09/17/07

Data Qualifiers Key Reference:

B: Compound also detected in the method blank.
#: Result outside of the QC limits.
DO: Compound diluted out.
E: Estimated concentration, calibration range exceeded.
J: The analyte was positively identified but the value is estimated below the reporting limit.
H: Estimated concentration with a high bias.
L: Estimated concentration with a low bias.
M: A matrix effect is present.

Notes: This report should not be reproduced, except in its entirety, without the writtten consent of Prism Laboratories, Inc. The results in this report relate only to the samples submitted for analysis.

449 Springbrook Road, P.O. Box 240543, Charlotte NC 28224-0403
Phone: 704/529-6364 Toll Free: 800/529-6364 Fax: 704/525-0409

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

09/17/07

US Biosystems, Inc
Attn: Tiffany Mackie
3231 NW 7th Avenue
Boca Raton, Fl 33431

Project ID: L235231 EnviroAssessments
Sample Matrix: Soil

Client Sample ID: S-1-4
Prism Sample ID: 192343
COC Group: G0907169
Time Collected: 09/05/07 7:30
Time Submitted: 09/06/07 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	66.2	%			1	SM2540 G	09/11/07 9:05	ddixon	Q26469
Extractable Petroleum Hydrocarbons by GC-FID									
C11-C22 Aromatics	BRL	mg/kg	14	2.5	1	MADEP EPH	09/15/07 12:06	grappaccioli	Q26576
* Analysis Note for C11-C22 Aromatics: Adjusted value.									
C19-C36 Aliphatics	BRL	mg/kg	14	1.9	1	MADEP EPH	09/15/07 12:06	grappaccioli	Q26576
C9-C18 Aliphatics	BRL	mg/kg	14	1.3	1	MADEP EPH	09/15/07 12:06	grappaccioli	Q26576
Sample Preparation:			10.47 g	/	2 mL	EPH	09/14/07 7:00	pbarr	P19457

Surrogate	% Recovery	Control Limits
o-Terphenyl	89	40 - 140
2-Fluorobiphenyl	117	40 - 140
2-Bromonaphthalene	112	40 - 140
1-Chloro-octadecane	89	40 - 140

Volatile Petroleum Hydrocarbons by GC-PID/FID									
C5-C8 Aliphatics	BRL	mg/kg	7.6	1.5	1	MADEP VPH	09/11/07 22:29	erussell	Q26429
* Analysis Note for C5-C8 Aliphatics: Adjusted value.									
C9-C10 Aromatics	BRL	mg/kg	7.6	0.045	1	MADEP VPH	09/11/07 22:29	erussell	Q26429
C9-C12 Aliphatics	BRL	mg/kg	7.6	2.3	1	MADEP VPH	09/11/07 22:29	erussell	Q26429
* Analysis Note for C9-C12 Aliphatics: Adjusted value.									

Surrogate	% Recovery	Control Limits
2,5-Dibromotoluene-PID	72	70 - 130
2,5-Dibromotoluene-FID	73	70 - 130

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Laboratory Report

09/17/07

US Biosystems, Inc
Attn: Tiffany Mackie
3231 NW 7th Avenue
Boca Raton, Fl 33431

Project ID: L235231 EnviroAssessments
Sample Matrix: Soil

Client Sample ID: S-1-4
Prism Sample ID: 192343
COC Group: G0907169
Time Collected: 09/05/07 7:30
Time Submitted: 09/06/07 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit

J- Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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Full Service Analytical & Environmental Solutions

Laboratory Report

09/17/07

US Biosystems, Inc
Attn: Tiffany Mackie
3231 NW 7th Avenue
Boca Raton, Fl 33431

Project ID: L235231 EnviroAssessments
Sample Matrix: Soil

Client Sample ID: S-2-4
Prism Sample ID: 192344
COC Group: G0907169
Time Collected: 09/05/07 8:30
Time Submitted: 09/06/07 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	87.8	%			1	SM2540 G	09/11/07 9:05	ddixon	Q26469
Extractable Petroleum Hydrocarbons by GC-FID									
C11-C22 Aromatics	9.1 J	mg/kg	11	2.0	1	MADEP EPH	09/15/07 13:50	grappaccioli	Q26576
* Analysis Note for C11-C22 Aromatics: Adjusted value.									
C19-C36 Aliphatics	BRL	mg/kg	11	1.5	1	MADEP EPH	09/15/07 13:50	grappaccioli	Q26576
C9-C18 Aliphatics	19	mg/kg	11	1.0	1	MADEP EPH	09/15/07 13:50	grappaccioli	Q26576
Sample Preparation:			10.09 g	/	2 mL	EPH	09/14/07 7:00	pbarr	P19457

Surrogate	% Recovery	Control Limits
o-Terphenyl	93	40 - 140
2-Fluorobiphenyl	102	40 - 140
2-Bromonaphthalene	104	40 - 140
1-Chloro-octadecane	84	40 - 140

Volatile Petroleum Hydrocarbons by GC-PID/FID									
C5-C8 Aliphatics	620	mg/kg	23	4.4	4	MADEP VPH	09/12/07 0:38	erussell	Q26429
* Analysis Note for C5-C8 Aliphatics: Adjusted value.									
C9-C10 Aromatics	170	mg/kg	23	0.14	4	MADEP VPH	09/12/07 0:38	erussell	Q26429
C9-C12 Aliphatics	600	mg/kg	23	7.0	4	MADEP VPH	09/12/07 0:38	erussell	Q26429
* Analysis Note for C9-C12 Aliphatics: Adjusted value.									

Surrogate	% Recovery	Control Limits
2,5-Dibromotoluene-PID	76	70 - 130
2,5-Dibromotoluene-FID	112	70 - 130

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Full Service Analytical & Environmental Solutions

Laboratory Report

09/17/07

US Biosystems, Inc
Attn: Tiffany Mackie
3231 NW 7th Avenue
Boca Raton, Fl 33431

Project ID: L235231 EnviroAssessments
Sample Matrix: Soil

Client Sample ID: S-2-4
Prism Sample ID: 192344
COC Group: G0907169
Time Collected: 09/05/07 8:30
Time Submitted: 09/06/07 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit
J- Estimated value between the Reporting Limit and the MDL
The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.
All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

09/17/07

US Biosystems, Inc
Attn: Tiffany Mackie
3231 NW 7th Avenue
Boca Raton, Fl 33431

Project ID: L235231 EnviroAssessments
Sample Matrix: Soil

Client Sample ID: S-3-4
Prism Sample ID: 192345
COC Group: G0907169
Time Collected: 09/05/07 11:15
Time Submitted: 09/06/07 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	98.2	%			1	SM2540 G	09/11/07 9:05	ddixon	Q26469
Extractable Petroleum Hydrocarbons by GC-FID									
C11-C22 Aromatics	BRL	mg/kg	10	1.8	1	MADEP EPH	09/15/07 15:34	grappaccioli	Q26576
* Analysis Note for C11-C22 Aromatics: Adjusted value.									
C19-C36 Aliphatics	BRL	mg/kg	10	1.4	1	MADEP EPH	09/15/07 15:34	grappaccioli	Q26576
C9-C18 Aliphatics	BRL	mg/kg	10	0.91	1	MADEP EPH	09/15/07 15:34	grappaccioli	Q26576
Sample Preparation:			10.1 g	/	2 mL	EPH	09/14/07 7:00	pbarr	P19457

Surrogate	% Recovery	Control Limits
o-Terphenyl	93	40 - 140
2-Fluorobiphenyl	121	40 - 140
2-Bromonaphthalene	119	40 - 140
1-Chloro-octadecane	85	40 - 140

Volatile Petroleum Hydrocarbons by GC-PID/FID									
C5-C8 Aliphatics	BRL	mg/kg	5.1	0.98	1	MADEP VPH	09/11/07 23:12	erussell	Q26429
* Analysis Note for C5-C8 Aliphatics: Adjusted value.									
C9-C10 Aromatics	BRL	mg/kg	5.1	0.031	1	MADEP VPH	09/11/07 23:12	erussell	Q26429
C9-C12 Aliphatics	BRL	mg/kg	5.1	1.6	1	MADEP VPH	09/11/07 23:12	erussell	Q26429
* Analysis Note for C9-C12 Aliphatics: Adjusted value.									

Surrogate	% Recovery	Control Limits
2,5-Dibromotoluene-PID	79	70 - 130
2,5-Dibromotoluene-FID	81	70 - 130

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Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Laboratory Report

09/17/07

US Biosystems, Inc
Attn: Tiffany Mackie
3231 NW 7th Avenue
Boca Raton, Fl 33431

Project ID: L235231 EnviroAssessments
Sample Matrix: Soil

Client Sample ID: S-3-4
Prism Sample ID: 192345
COC Group: G0907169
Time Collected: 09/05/07 11:15
Time Submitted: 09/06/07 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit
J- Estimated value between the Reporting Limit and the MDL
The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.
All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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Full Service Analytical & Environmental Solutions

Laboratory Report

09/17/07

US Biosystems, Inc
Attn: Tiffany Mackie
3231 NW 7th Avenue
Boca Raton, Fl 33431

Project ID: L235231 EnviroAssessments
Sample Matrix: Soil

Client Sample ID: S-4-4
Prism Sample ID: 192346
COC Group: G0907169
Time Collected: 09/05/07 13:00
Time Submitted: 09/06/07 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	93.9	%			1	SM2540 G	09/11/07 9:05	ddixon	Q26469
Extractable Petroleum Hydrocarbons by GC-FID									
C11-C22 Aromatics	BRL	mg/kg	11	1.9	1	MADEP EPH	09/15/07 17:17	grappaccioli	Q26576
* Analysis Note for C11-C22 Aromatics: Adjusted value.									
C19-C36 Aliphatics	BRL	mg/kg	11	1.4	1	MADEP EPH	09/15/07 17:17	grappaccioli	Q26576
C9-C18 Aliphatics	BRL	mg/kg	11	0.95	1	MADEP EPH	09/15/07 17:17	grappaccioli	Q26576
Sample Preparation:				10.1 g /	2 mL	EPH	09/14/07 7:00	pbarr	P19457

Surrogate	% Recovery	Control Limits
o-Terphenyl	93	40 - 140
2-Fluorobiphenyl	103	40 - 140
2-Bromonaphthalene	98	40 - 140
1-Chloro-octadecane	80	40 - 140

Volatile Petroleum Hydrocarbons by GC-PID/FID									
C5-C8 Aliphatics	BRL	mg/kg	5.3	1.0	1	MADEP VPH	09/11/07 23:55	erussell	Q26429
* Analysis Note for C5-C8 Aliphatics: Adjusted value.									
C9-C10 Aromatics	BRL	mg/kg	5.3	0.032	1	MADEP VPH	09/11/07 23:55	erussell	Q26429
C9-C12 Aliphatics	BRL	mg/kg	5.3	1.6	1	MADEP VPH	09/11/07 23:55	erussell	Q26429
* Analysis Note for C9-C12 Aliphatics: Adjusted value.									

Surrogate	% Recovery	Control Limits
2,5-Dibromotoluene-PID	113	70 - 130
2,5-Dibromotoluene-FID	111	70 - 130

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Full Service Analytical & Environmental Solutions

Laboratory Report

09/17/07

US Biosystems, Inc
Attn: Tiffany Mackie
3231 NW 7th Avenue
Boca Raton, Fl 33431

Project ID: L235231 EnviroAssessments
Sample Matrix: Soil

Client Sample.ID: S-4-4
Prism Sample ID: 192346
COC Group: G0907169
Time Collected: 09/05/07 13:00
Time Submitted: 09/06/07 16:10

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit
J- Estimated value between the Reporting Limit and the MDL
The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.
All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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Full Service Analytical & Environmental Solutions

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Level II QC Report

09/17/07

US Biosystems, Inc
Attn: Tiffany Mackie
3231 NW 7th Avenue
Boca Raton, Fl 33431

Project ID: L235231
EnviroAssessments

COC Group Number: G0907169
Date/Time Submitted: 09/06/07 16:10

Volatile Petroleum Hydrocarbons by GC-PID/FID, method MADEP VPH

Method Blank

	Result	RL	Control Limit	Units	QC Batch ID
C5-C8 Aliphatics	ND	5	<2.5	mg/kg	Q26429
C9-C10 Aromatics	ND	5	<2.5	mg/kg	Q26429
C9-C12 Aliphatics	ND	5	<2.5	mg/kg	Q26429

Laboratory Control Sample

	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
C5-C8 Aliphatics	18.836	15	mg/kg	126	70-130	Q26429
C9-C10 Aromatics	4.359	5	mg/kg	87	70-130	Q26429
C9-C12 Aliphatics	12.289	10	mg/kg	123	70-130	Q26429

Matrix Spike

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
192031	C5-C8 Aliphatics	21.460	15	mg/kg	143 #	70-130	Q26429
	C9-C10 Aromatics	5.101	5	mg/kg	102	70-130	Q26429
	C9-C12 Aliphatics	15.161	10	mg/kg	152 #	70-130	Q26429

Matrix Spike Duplicate

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID
192031	C5-C8 Aliphatics	21.394	15	mg/kg	143 #	70-130	0	0 - 25	Q26429
	C9-C10 Aromatics	5.020	5	mg/kg	100	70-130	2	0 - 25	Q26429
	C9-C12 Aliphatics	15.951	10	mg/kg	160 #	70-130	5	0 - 25	Q26429

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Full Service Analytical & Environmental Solutions

Level II QC Report

09/17/07

US Biosystems, Inc
Attn: Tiffany Mackie
3231 NW 7th Avenue
Boca Raton, Fl 33431

Project ID: L235231
EnviroAssessments

COC Group Number: G0907169
Date/Time Submitted: 09/06/07 16:10

Extractable Petroleum Hydrocarbons by GC-FID, method MADEP EPH

Method Blank

	Result	RL	Control Limit	Units	QC Batch ID
C11-C22 Aromatics	ND	10	<5	mg/kg	Q26576
C19-C36 Aliphatics	ND	10	<5	mg/kg	Q26576
C9-C18 Aliphatics	ND	10	<5	mg/kg	Q26576

Laboratory Control Sample

	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
C11-C22 Aromatics	120.94	170	mg/kg	71	40-140	Q26576
C19-C36 Aliphatics	61.36	80	mg/kg	77	40-140	Q26576
C9-C18 Aliphatics	40.76	60	mg/kg	68	40-140	Q26576

Matrix Spike

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
192031	C11-C22 Aromatics	129.68	170	mg/kg	76	40-140	Q26576
	C19-C36 Aliphatics	61.14	80	mg/kg	76	40-140	Q26576
	C9-C18 Aliphatics	40.62	60	mg/kg	68	40-140	Q26576

Matrix Spike Duplicate

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID
192031	C11-C22 Aromatics	115.76	170	mg/kg	68	40-140	11	0 - 50	Q26576
	C19-C36 Aliphatics	56.8	80	mg/kg	71	40-140	7	0 - 50	Q26576
	C9-C18 Aliphatics	38.2	60	mg/kg	64	40-140	6	0 - 50	Q26576

#-See Case Narrative

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P.O. 176113

USBIOSYSTEMS

3231NW 7th Ave, Boca Raton, FL 33431
www.usbiosystems.com

CHAIN OF CUSTODY RECORD

Log# 235231 T#S___ Quote:_____ Page___of___

Container Type Codes

AV	Amber Vial	ES	Encore Sampler
CV	Clear Vial	PPV	Propreserved vial
P	Plastic	PL C	Plastic container
AL	Amber Liter	PL J	Plastic Jar
CL	Clear Liter	Ziploc	Ziploc bag
AP	Amber Plastic	TEDLAR B	Tedlar bag
AG	Amber Glass	WHIRL P	Whirl pak
SJ	Soil Jar	G	Gallon Jug

Other
Size(s): 2oz, 4oz, 8oz, 16oz, 32oz or 1L, 40ml other___
Example: 4ozP = 4oz Plastic, 8ozSJ= 8oz Soil Jar

Matrix Codes*

SD	Solid Waste	WW	Waste Water
SO	Soil	AFW	Analyte Free Water
SE	Sediment	DW	Drinking Water
OL	Oil	SU	Surface Water
PE	Petroleum	AQ	Aqueous
NA	Nonaqueous	SW	Source Water
ML	Misc. Liquid	A	Air
GW	Ground Water	O	Other_____ (Please Specify)
EFF	Effluent		
INF	Influent		

Pres/Codes

A. None	E. HCL	I. Ice
B. HNO3	F. MeOH	J. MCAA
C. H2SO4	G. Na2S2O3	K. Zn Acetate
D. NaOH	H. NaHSO4	O. Other

Company Name: Enviro Assessments PO#
Address: 9307 Monroe Road, suite K
City: Charlotte State: NC Zip: 28270
Attn: Don Warren Fax# 704-846-3271
email: dwarren@enviroassessments.com
Project Name: K.D. Pate Estate Proj# 07-7019.3
Sampler Signature: [signature] Phone# 704-846-8853

LAB ANALYSIS

Sample											
TRC											
pH											
Pres Codes	A	A	w/ Hand	A	H	w/ Hand					
Parameters	EPH	8270	VPH	8260 with IPE + MTBE	8260 with IPE + MTBE	8260 with IPE + MTBE					EXAMPLE Diss.8RCRA 6010
# of Containers	1	1	3	1	2	1					1
Size/Type	SJ	SJ	AV	SJ	CV	AV					16ozP

#	Sample Label (Client ID)	Collect Date	Collect Time	Matrix Code*	Field Filtered	Integrity OK(Y/N)	Total # of containers	REMARKS
i.e.	MW-1	6/16/04	11:35	GW	X		1	
1	S-1-4	9/5/07	0730	SO			9	192343
2	S-2-4		0830	SO			9	192344 strong chlorine odor
3	S-3-4		1115	SO			9	192345
4	S-4-4		300	SO			9	192346
5								
6								
7								
8								
9								
0								

T.A.T. REQUEST Standard	RUSH	Short Hold	QA/QC Report Level	COC OK	Initials	Required State Certification	Coolers #'s
Y/N	Date Required	Y N	None 1 2 3 Other	Y N			

Item	Relinquished by	Affiliation	Date	Time	Received by	Affiliation	Date	Time
	[signature]	Sampler	9-6-07	0900	[signature]	GP	9/6	[illegible]
	[signature]	GP	9/6	11:35				
	[signature]	GP	9/6	16:00	[signature]		9/6/07	1610

Lab Use Only

	Yes	No	N/A
Sample INTACT upon arrival?	✓		
Received on Wet Ice? Temp 4.3	✓		
Proper Preservatives Indicated?	✓		
Received within holding time?	✓		
Custody seals Intact?			✓
Volatile rec'd without headspace?	✓		
Proper Containers Used?	✓		

LAB COPY

G09907169 162175

USBIOSYSTEMS

ANALYTICAL RESULTS

Printed: 09/27/07 01:00pm

DON WARREN
ENVIRO ASSESSMENTS
9307 MONROE RD
SUITE K
CHARLOTTE, NC 28270

Regarding:

DON WARREN
ENVIRO ASSESSMENTS
9307 MONROE RD
SUITE K
CHARLOTTE, NC 28270

Project No: 003943 RD PATE ESTAT, R.D.PATE ESTATE
Job Name: R.D PATE ESTATE
Job Id: 07-7014.3

Inv. No: 198349

Collected by: Customer Sampled

Laboratory Sample #	Client Sample #
L235247-1	MW-1
L235247-2	MW-2
L235247-3	MW-3
L235247-4	MW-4

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: ND or U-below PQL; IL-meets internal lab limits;MI-matrix interference; NA-not applicable.
Flags: CFR-Pb/Cu rule; NFL-no free liquids; DRY = dry wt; ASIS = wet wt; C(#) See attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol; L-exceeds calibration; Q-holding time exceeded;
FLDEP Flags: T-value<MDL; V-present in blank; Y-improper preservation; B-colonies exceed range;I-estimated value;between the MDL and PQL;
Lab certification IDs: FLDOH/NELAC E86240; NC 444; SC 96031001; IL/NELAC 200020; VA 00395; KS/NELAC E-10360; TN 02985; GA 917;NJ FL014;PA 68-03756;
Lab IDs: ADEM 40850; USDA Soil Permit# S-35240; The above results relate only to the samples.

US Biosystems 3231 NW 7th Avenue Boca Raton, FL 33431 (888)862-5227

Serial Number: 655805

Respectfully submitted,

Tiffany Mackie

Tiffany Mackie
Project Manager

ANALYTICAL RESULTS
Printed: 09/27/07 01:00pm

Project No: 003943 RD PATE ESTAT, R.D.PATE ESTATE
Job Name: R.D PATE ESTATE
Job Id: 07-7014.3

Inv. No: 198349

Sample Number L235247-1
Sample Description MW-1
Samp. Date/Time/Temp 09/11/07 11:20am NA C
Receive Date 09/13/07
Sampled by Customer Sampled
Received Temp 4 C Iced (Y/N): Y

Parameter	Method	Result		DIL	PQL	Prep Date	Test Date	Analyst
Volatile Organic Compounds								
DICHLORODIFLUOROMETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
CHLOROMETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
VINYL CHLORIDE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
BROMOMETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
CHLOROETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
TRICHLOROFLUOROMETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
ACROLEIN	5030/8260	U	ug/l	1	10	N/A	09/21/07	DE/
ACETONE	5030/8260	U	ug/l	1	10	N/A	09/21/07	DE/
1,1-DICHLOROETHENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
IODOMETHANE	5030/8260	U	ug/l	1	10	N/A	09/21/07	DE/
ACRYLONITRILE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
METHYLENE CHLORIDE	5030/8260	U	ug/l	1	5.0	N/A	09/21/07	DE/
CARBON DISULFIDE	5030/8260	U	ug/l	1	10	N/A	09/21/07	DE/
TRANS-1,2-DICHLOROETHENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
METHYL TERTIARY BUTYLETHER	5030/8260	1.70	ug/l	1	1.0	N/A	09/21/07	DE/
1,1-DICHLOROETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
VINYL ACETATE	5030/8260	U	ug/l	1	10	N/A	09/21/07	DE/
2-BUTANONE	5030/8260	U	ug/l	1	10	N/A	09/21/07	DE/
DIPE	5030/8260	U	ug/l	1	5.0	N/A	09/21/07	DE/
CIS-1,2-DICHLOROETHENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
BROMOCHLOROMETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
CHLOROFORM	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
2,2-DICHLOROPROPANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
1,2-DICHLOROETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/

Serial Number: 655805

ANALYTICAL RESULTS
Printed: 09/27/07 01:00pm

Project No: 003943 RD PATE ESTAT, R.D.PATE ESTATE
Job Name: R.D PATE ESTATE
Job Id: 07-7014.3

Inv. No: 198349

Sample Number L235247-1
Sample Description MW-1
Samp. Date/Time/Temp 09/11/07 11:20am NA C
Receive Date 09/13/07
Sampled by Customer Sampled

Parameter	Method	Result		DIL	PQL	Prep Date	Test Date	Analyst
1,1,1-TRICHLOROETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
1,1-DICHLOROPROPENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
CARBON TETRACHLORIDE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
BENZENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
DIBROMOMETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
1,2-DICHLOROPROPANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
TRICHLOROETHENE	5030/8260	9.51	ug/l	1	1.0	N/A	09/21/07	DE/
BROMODICHLOROMETHANE	5030/8260	U	ug/l	1	0.60	N/A	09/21/07	DE/
2-CHLOROETHYL VINYL ETHER	5030/8260	U	ug/l	1	10	N/A	09/21/07	DE/
CIS-1,3-DICHLOROPROPENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
4-METHYL-2-PENTANONE	5030/8260	U	ug/l	1	10	N/A	09/21/07	DE/
TRANS-1,3-DICHLOROPROPENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
1,1,2-TRICHLOROETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
TOLUENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
1,3-DICHLOROPROPANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
DIBROMOCHLOROMETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
2-HEXANONE	5030/8260	U	ug/l	1	10	N/A	09/21/07	DE/
1,2-DIBROMOETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
TETRACHLOROETHENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
1,1,1,2-TETRACHLOROETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
CHLOROBENZENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
ETHYL BENZENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
M&P-XYLENES	5030/8260	U	ug/l	1	2.0	N/A	09/21/07	DE/
BROMOFORM	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
STYRENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/

Serial Number: 655805

ANALYTICAL RESULTS
Printed: 09/27/07 01:00pm

Project No: 003943 RD PATE ESTAT, R.D.PATE ESTATE
Job Name: R.D PATE ESTATE
Job Id: 07-7014.3

Inv. No: 198349

Sample Number L235247-1
Sample Description MW-1
Samp. Date/Time/Temp 09/11/07 11:20am NA C
Receive Date 09/13/07
Sampled by Customer Sampled

Parameter	Method	Result		DIL	PQL	Prep Date	Test Date,	Analyst
O-XYLENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
XYLENES (TOTAL)	5030/8260	U	ug/l	1	3.0	N/A	09/21/07	DE/
1,2,3-TRICHLOROPROPANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
TRANS-1,4-DICHLORO-2-BUTENE	5030/8260	U	ug/l	1	10	N/A	09/21/07	DE/
1,1,2,2-TETRACHLOROETHANE	5030/8260	49.4	ug/l	1	1.0	N/A	09/21/07	DE/
ISOPROPYLBENZENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
BROMOBENZENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
N-PROPYLBENZENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
2-CHLOROTOLUENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
4-CHLOROTOLUENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
1,3,5-TRIMETHYLBENZENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
TERT-BUTYLBENZENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
1,2,4-TRIMETHYLBENZENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
SEC-BUTYLBENZENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
1,3-DICHLOROBENZENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
1,4-DICHLOROBENZENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
P-ISOPROPYLTOLUENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
1,2-DICHLOROBENZENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
N-BUTYLBENZENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
1,2-DIBROMO-3-CHLOROPROPANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
1,2,4-TRICHLOROBENZENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
NAPHTHALENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
HEXACHLOROBUTADIENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
1,2,3-TRICHLOROBENZENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/

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Project No: 003943 RD PATE ESTAT, R.D.PATE ESTATE
Job Name: R.D PATE ESTATE
Job Id: 07-7014.3

Inv. No: 198349

Sample Number L235247-1
Sample Description MW-1
Samp. Date/Time/Temp 09/11/07 11:20am NA C
Receive Date 09/13/07
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Parameter	Method	Result		DIL	PQL	Prep Date	Test Date	Analyst
SURROGATES		% RECOVERY			% Recovery Limits			
DIBROMOFLUOROMETHANE (SURR)	5030/8260	106	%	1	69-134		09/21/07	DE/
TOLUENE-D8 (SURR)	5030/8260	93	%	1	63-127		09/21/07	DE/
4-BROMOFLUOROBENZENE (SURR)	5030/8260	94	%	1	64-130		09/21/07	DE/
BNA Extractable Compounds								
N-NITROSODIMETHYLAMINE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
ANILINE	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
PHENOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BIS(2-CHLOROETHYL)ETHER	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
2-CHLOROPHENOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
1,3-DICHLOROBENZENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
1,4-DICHLOROBENZENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZYL ALCOHOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
1,2-DICHLOROBENZENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2-METHYLPHENOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BIS(2-CHLOROISOPROPYL)ETHER	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
N-NITROSO-DI-N-PROPYLAMINE	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
3&4-METHYLPHENOL	3510/8270	U*	ug/l	1	10	09/14/07	09/17/07	JW
HEXACHLOROETHANE	3510/8270	U	ug/l	1	2.0	09/14/07	09/17/07	JW
NITROBENZENE	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
ISOPHORONE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2-NITROPHENOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2,4-DIMETHYLPHENOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BIS(2-CHLOROETHOXY)METHANE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZOIC ACID	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
2,4-DICHLOROPHENOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW

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Sample Description MW-1
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Parameter	Method	Result		DIL	PQL	Prep Date	Test Date	Analyst
1,2,4-TRICHLOROBENZENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
NAPHTHALENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
4-CHLOROANILINE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
HEXACHLOROBUTADIENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
4-CHLORO-3-METHYLPHENOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2-METHYLNAPHTHALENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
1-METHYLNAPHTHALENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
HEXACHLOROCYCLOPENTADIENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2,4,6-TRICHLOROPHENOL	3510/8270	U	ug/l	1	3.0	09/14/07	09/17/07	JW
2,4,5-TRICHLOROPHENOL	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
2-CHLORONAPHTHALENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2-NITROANILINE	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
DIMETHYLPHTHALATE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2,6-DINITROTOLUENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
ACENAPHTHYLENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
3-NITROANILINE	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
ACENAPHTHENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2,4-DINITROPHENOL	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
DIBENZOFURAN	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2,4-DINITROTOLUENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
4-NITROPHENOL	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
DIETHYLPHTHALATE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
FLUORENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
4-CHLOROPHENYL-PHENYLETHER	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
4-NITROANILINE	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW

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Sample Number L235247-1
Sample Description MW-1
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Parameter	Method	Result		DIL	PQL	Prep Date	Test Date	Analyst
4,6-DINITRO-2-METHYLPHENOL	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
N-NITROSODIPHENYLAMINE	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
1,2-DIPHENYLHYDRAZINE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
4-BROMOPHENYL-PHENYLETHER	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
HEXACHLOROBENZENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
PENTACHLOROPHENOL	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
PHENANTHRENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
ANTHRACENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
CARBAZOLE	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
DI-N-BUTYLPHTHALATE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
FLUORANTHENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZIDINE	3510/8270	U	ug/l	1	80	09/14/07	09/17/07	JW
PYRENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BUTYLBENZYLPHTHALATE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZO(A)ANTHRACENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
3,3'-DICHLOROBENZIDINE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
CHRYSENE	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
BIS(2-ETHYLHEXYL)PHTHALATE	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
DI-N-OCTYLPHTHALATE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZO(B)FLUORANTHENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZO(K)FLUORANTHENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZO(A)PYRENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
INDENO(1,2,3-CD)PYRENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
DIBENZ(A,H)ANTHRACENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZO(G,H,I)PERYLENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW

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Job Name: R.D PATE ESTATE
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Sample Number L235247-1
Sample Description MW-1
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Parameter	Method	Result		DIL	PQL	Prep Date	Test Date	Analyst
SURROGATES		% RECOVERY			% Recovery Limits			
NITROBENZENE-D5 (SURR)	3510/8270	89	%	1	28-128	09/14/07	09/17/07	JW
2-FLUOROBIPHENYL (SURR)	3510/8270	90	%	1	45-126	09/14/07	09/17/07	JW
TERPHENYL-D14 (SURR)	3510/8270	103	%	1	50-146	09/14/07	09/17/07	JW
PHENOL-D5 (SURR)	3510/8270	26	%	1	10-137	09/14/07	09/17/07	JW
2-FLUOROPHENOL (SURR)	3510/8270	41	%	1	10-115	09/14/07	09/17/07	JW
2,4,6-TRIBROMOPHENOL (SURR)	3510/8270	92	%	1	51-134	09/14/07	09/17/07	JW
Metals Analysis								
LEAD	3030/6010B	0.0109	mg/l	1	0.0055	09/13/07	09/13/07	IG
Petroleum Hydrocarbons								
EPH (prism)	MADEP	ATTACHED				N/A		
VPH (prism)	MADEP	ATTACHED				N/A		

**** NOTES CONCERNING THE ABOVE SAMPLE ****

3&4-METHYLPHENOL - The reported analyte is not NELAC certified

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ANALYTICAL RESULTS
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Project No: 003943 RD PATE ESTAT, R.D.PATE ESTATE
Job Name: R.D PATE ESTATE
Job Id: 07-7014.3

Inv. No: 198349

Sample Number L235247-2
Sample Description MW-2
Samp. Date/Time/Temp 09/11/07 11:40am NA C
Receive Date 09/13/07
Sampled by Customer Sampled
Received Temp 4 C Iced (Y/N): Y

Parameter	Method	Result		DIL	PQL	Prep Date	Test Date	Analyst
Volatile Organic Compounds								
DICHLORODIFLUOROMETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
CHLOROMETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
VINYL CHLORIDE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
BROMOMETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
CHLOROETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
TRICHLOROFLUOROMETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
ACROLEIN	5030/8260	U	ug/l	10	100	N/A	09/23/07	DE/
ACETONE	5030/8260	U	ug/l	10	100	N/A	09/23/07	DE/
1,1-DICHLOROETHENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
IODOMETHANE	5030/8260	U	ug/l	10	100	N/A	09/23/07	DE/
ACRYLONITRILE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
METHYLENE CHLORIDE	5030/8260	U	ug/l	10	50	N/A	09/23/07	DE/
CARBON DISULFIDE	5030/8260	U	ug/l	10	100	N/A	09/23/07	DE/
TRANS-1,2-DICHLOROETHENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
METHYL TERTIARY BUTYLETHER	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
1,1-DICHLOROETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
VINYL ACETATE	5030/8260	U	ug/l	10	100	N/A	09/23/07	DE/
2-BUTANONE	5030/8260	U	ug/l	10	100	N/A	09/23/07	DE/
DIPE	5030/8260	95.3	ug/l	10	50	N/A	09/23/07	DE/
CIS-1,2-DICHLOROETHENE	5030/8260	17.1	ug/l	10	10	N/A	09/23/07	DE/
BROMOCHLOROMETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
CHLOROFORM	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
2,2-DICHLOROPROPANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
1,2-DICHLOROETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/

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Inv. No: 198349

Sample Number L235247-2
Sample Description MW-2
Samp. Date/Time/Temp 09/11/07 11:40am NA C
Receive Date 09/13/07
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Parameter	Method	Result		DIL	PQL	Prep Date	Test Date,	Analyst
1,1,1-TRICHLOROETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
1,1-DICHLOROPROPENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
CARBON TETRACHLORIDE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
BENZENE	5030/8260	418	ug/l	10	10	N/A	09/23/07	DE/
DIBROMOMETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
1,2-DICHLOROPROPANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
TRICHLOROETHENE	5030/8260	21.5	ug/l	10	10	N/A	09/23/07	DE/
BROMODICHLOROMETHANE	5030/8260	U	ug/l	10	6.0	N/A	09/23/07	DE/
2-CHLOROETHYL VINYL ETHER	5030/8260	U	ug/l	10	100	N/A	09/23/07	DE/
CIS-1,3-DICHLOROPROPENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
4-METHYL-2-PENTANONE	5030/8260	U	ug/l	10	100	N/A	09/23/07	DE/
TRANS-1,3-DICHLOROPROPENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
1,1,2-TRICHLOROETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
TOLUENE	5030/8260	530	ug/l	10	10	N/A	09/23/07	DE/
1,3-DICHLOROPROPANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
DIBROMOCHLOROMETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
2-HEXANONE	5030/8260	U	ug/l	10	100	N/A	09/23/07	DE/
1,2-DIBROMOETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
TETRACHLOROETHENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
1,1,1,2-TETRACHLOROETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
CHLOROBENZENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
ETHYL BENZENE	5030/8260	96.4	ug/l	10	10	N/A	09/23/07	DE/
M&P-XYLENES	5030/8260	171	ug/l	10	20	N/A	09/23/07	DE/
BROMOFORM	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
STYRENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/

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Sample Number L235247-2
Sample Description MW-2
Samp. Date/Time/Temp 09/11/07 11:40am NA C
Receive Date 09/13/07
Sampled by Customer Sampled

Parameter	Method	Result		DIL	PQL	Prep Date	Test Date,	Analyst
O-XYLENE	5030/8260	126	ug/l	10	10	N/A	09/23/07	DE/
XYLENES (TOTAL)	5030/8260	297	ug/l	10	30	N/A	09/23/07	DE/
1,2,3-TRICHLOROPROPANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
TRANS-1,4-DICHLORO-2-BUTENE	5030/8260	U	ug/l	10	100	N/A	09/23/07	DE/
1,1,2,2-TETRACHLOROETHANE	5030/8260	134	ug/l	10	10	N/A	09/23/07	DE/
ISOPROPYLBENZENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
BROMOBENZENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
N-PROPYLBENZENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
2-CHLOROTOLUENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
4-CHLOROTOLUENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
1,3,5-TRIMETHYLBENZENE	5030/8260	16.2	ug/l	10	10	N/A	09/23/07	DE/
TERT-BUTYLBENZENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
1,2,4-TRIMETHYLBENZENE	5030/8260	34.7	ug/l	10	10	N/A	09/23/07	DE/
SEC-BUTYLBENZENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
1,3-DICHLOROBENZENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
1,4-DICHLOROBENZENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
P-ISOPROPYLTOLUENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
1,2-DICHLOROBENZENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
N-BUTYLBENZENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
1,2-DIBROMO-3-CHLOROPROPANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
1,2,4-TRICHLOROBENZENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
NAPHTHALENE	5030/8260	15.1	ug/l	10	10	N/A	09/23/07	DE/
HEXACHLOROBUTADIENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
1,2,3-TRICHLOROBENZENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/

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ANALYTICAL RESULTS
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Project No: 003943 RD PATE ESTAT, R.D.PATE ESTATE
Job Name: R.D PATE ESTATE
Job Id: 07-7014.3

Inv. No: 198349

Sample Number L235247-2
Sample Description MW-2
Samp. Date/Time/Temp 09/11/07 11:40am NA C
Receive Date 09/13/07
Sampled by Customer Sampled

Parameter	Method	Result		DIL	PQL	Prep Date	Test Date	Analyst
SURROGATES		% RECOVERY			% Recovery Limits			
DIBROMOFLUOROMETHANE (SURR)	5030/8260	112	%	10	69-134		09/23/07	DE/
TOLUENE-D8 (SURR)	5030/8260	95	%	10	63-127		09/23/07	DE/
4-BROMOFLUOROBENZENE (SURR)	5030/8260	99	%	10	64-130		09/23/07	DE/
BNA Extractable Compounds								
N-NITROSODIMETHYLAMINE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
ANILINE	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
PHENOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BIS(2-CHLOROETHYL)ETHER	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
2-CHLOROPHENOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
1,3-DICHLOROBENZENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
1,4-DICHLOROBENZENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZYL ALCOHOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
1,2-DICHLOROBENZENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2-METHYLPHENOL	3510/8270	18.3	ug/l	1	10	09/14/07	09/17/07	JW
BIS(2-CHLOROISOPROPYL)ETHER	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
N-NITROSO-DI-N-PROPYLAMINE	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
3&4-METHYLPHENOL	3510/8270	U*	ug/l	1	10	09/14/07	09/17/07	JW
HEXACHLOROETHANE	3510/8270	U	ug/l	1	2.0	09/14/07	09/17/07	JW
NITROBENZENE	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
ISOPHORONE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2-NITROPHENOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2,4-DIMETHYLPHENOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BIS(2-CHLOROETHOXY)METHANE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZOIC ACID	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
2,4-DICHLOROPHENOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW

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Inv. No: 198349

Sample Number L235247-2
Sample Description MW-2
Samp. Date/Time/Temp 09/11/07 11:40am NA C
Receive Date 09/13/07
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Parameter	Method	Result		DIL	PQL	Prep Date	Test Date	Analyst
1,2,4-TRICHLOROBENZENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
NAPHTHALENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
4-CHLOROANILINE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
HEXACHLOROBUTADIENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
4-CHLORO-3-METHYLPHENOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2-METHYLNAPHTHALENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
1-METHYLNAPHTHALENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
HEXACHLOROCYCLOPENTADIENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2,4,6-TRICHLOROPHENOL	3510/8270	U	ug/l	1	3.0	09/14/07	09/17/07	JW
2,4,5-TRICHLOROPHENOL	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
2-CHLORONAPHTHALENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2-NITROANILINE	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
DIMETHYLPHTHALATE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2,6-DINITROTOLUENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
ACENAPHTHYLENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
3-NITROANILINE	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
ACENAPHTHENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2,4-DINITROPHENOL	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
DIBENZOFURAN	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2,4-DINITROTOLUENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
4-NITROPHENOL	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
DIETHYLPHTHALATE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
FLUORENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
4-CHLOROPHENYL-PHENYLETHER	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
4-NITROANILINE	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW

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Inv. No: 198349

Sample Number L235247-2
Sample Description MW-2
Samp. Date/Time/Temp 09/11/07 11:40am NA C
Receive Date 09/13/07
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Parameter	Method	Result		DIL	PQL	Prep Date	Test Date	Analyst
4,6-DINITRO-2-METHYLPHENOL	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
N-NITROSODIPHENYLAMINE	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
1,2-DIPHENYLHYDRAZINE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
4-BROMOPHENYL-PHENYLETHER	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
HEXACHLOROBENZENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
PENTACHLOROPHENOL	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
PHENANTHRENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
ANTHRACENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
CARBAZOLE	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
DI-N-BUTYLPHTHALATE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
FLUORANTHENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZIDINE	3510/8270	U	ug/l	1	80	09/14/07	09/17/07	JW
PYRENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BUTYLBENZYLPHTHALATE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZO(A)ANTHRACENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
3,3'-DICHLOROBENZIDINE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
CHRYSENE	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
BIS(2-ETHYLHEXYL)PHTHALATE	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
DI-N-OCTYLPHTHALATE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZO(B)FLUORANTHENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZO(K)FLUORANTHENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZO(A)PYRENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
INDENO(1,2,3-CD)PYRENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
DIBENZ(A,H)ANTHRACENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZO(G,H,I)PERYLENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW

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Job Name: R.D PATE ESTATE
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Inv. No: 198349

Sample Number L235247-2
Sample Description MW-2
Samp. Date/Time/Temp 09/11/07 11:40am NA C
Receive Date 09/13/07
Sampled by Customer Sampled

Parameter	Method	Result		DIL	PQL	Prep Date	Test Date	Analyst
SURROGATES		% RECOVERY			% Recovery Limits			
NITROBENZENE-D5 (SURR)	3510/8270	76	%	1	28-128	09/14/07	09/17/07	JW
2-FLUOROBIPHENYL (SURR)	3510/8270	76	%	1	45-126	09/14/07	09/17/07	JW
TERPHENYL-D14 (SURR)	3510/8270	79	%	1	50-146	09/14/07	09/17/07	JW
PHENOL-D5 (SURR)	3510/8270	23	%	1	10-137	09/14/07	09/17/07	JW
2-FLUOROPHENOL (SURR)	3510/8270	37	%	1	10-115	09/14/07	09/17/07	JW
2,4,6-TRIBROMOPHENOL (SURR)	3510/8270	78	%	1	51-134	09/14/07	09/17/07	JW
Metals Analysis								
LEAD	3030/6010B	0.0137	mg/l	1	0.0055	09/13/07	09/13/07	IG
Petroleum Hydrocarbons								
EPH (prism)	MADEP	ATTACHED				N/A		
VPH (prism)	MADEP	ATTACHED				N/A		

**** NOTES CONCERNING THE ABOVE SAMPLE ****

MB HIT NAPTH 0.785 ug/L

3&4-METHYLPHENOL - m-Cresol and p-Cresol cannot be resolved from one another under EPA 625/8270. When a positive hit is detected for one, it may be any mixture of the two isomers. 3-Methylphenol is not NELAC certified.

ANALYTICAL RESULTS
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Job Name: R.D PATE ESTATE
Job Id: 07-7014.3

Inv. No: 198349

Sample Number L235247-3
Sample Description MW-3
Samp. Date/Time/Temp 09/11/07 11:50am NA C
Receive Date 09/13/07
Sampled by Customer Sampled
Received Temp 4 C Iced (Y/N): Y

Parameter	Method	Result		DIL	PQL	Prep Date	Test Date	Analyst
Volatile Organic Compounds								
DICHLORODIFLUOROMETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
CHLOROMETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
VINYL CHLORIDE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
BROMOMETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
CHLOROETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
TRICHLOROFLUOROMETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
ACROLEIN	5030/8260	U	ug/l	10	100	N/A	09/23/07	DE/
ACETONE	5030/8260	U	ug/l	10	100	N/A	09/23/07	DE/
1,1-DICHLOROETHENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
IODOMETHANE	5030/8260	U	ug/l	10	100	N/A	09/23/07	DE/
ACRYLONITRILE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
METHYLENE CHLORIDE	5030/8260	U	ug/l	10	50	N/A	09/23/07	DE/
CARBON DISULFIDE	5030/8260	U	ug/l	10	100	N/A	09/23/07	DE/
TRANS-1,2-DICHLOROETHENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
METHYL TERTIARY BUTYLETHER	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
1,1-DICHLOROETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
VINYL ACETATE	5030/8260	U	ug/l	10	100	N/A	09/23/07	DE/
2-BUTANONE	5030/8260	U	ug/l	10	100	N/A	09/23/07	DE/
DIPE	5030/8260	73.5	ug/l	10	50	N/A	09/23/07	DE/
CIS-1,2-DICHLOROETHENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
BROMOCHLOROMETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
CHLOROFORM	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
2,2-DICHLOROPROPANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
1,2-DICHLOROETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/

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Job Name: R.D PATE ESTATE
Job Id: 07-7014.3

Inv. No: 198349

Sample Number L235247-3
Sample Description MW-3
Samp. Date/Time/Temp 09/11/07 11:50am NA C
Receive Date 09/13/07
Sampled by Customer Sampled

Parameter	Method	Result		DIL	PQL	Prep Date	Test Date,	Analyst
1,1,1-TRICHLOROETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
1,1-DICHLOROPROPENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
CARBON TETRACHLORIDE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
BENZENE	5030/8260	155	ug/l	10	10	N/A	09/23/07	DE/
DIBROMOMETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
1,2-DICHLOROPROPANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
TRICHLOROETHENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
BROMODICHLOROMETHANE	5030/8260	U	ug/l	10	6.0	N/A	09/23/07	DE/
2-CHLOROETHYL VINYL ETHER	5030/8260	U	ug/l	10	100	N/A	09/23/07	DE/
CIS-1,3-DICHLOROPROPENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
4-METHYL-2-PENTANONE	5030/8260	U	ug/l	10	100	N/A	09/23/07	DE/
TRANS-1,3-DICHLOROPROPENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
1,1,2-TRICHLOROETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
TOLUENE	5030/8260	351	ug/l	10	10	N/A	09/23/07	DE/
1,3-DICHLOROPROPANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
DIBROMOCHLOROMETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
2-HEXANONE	5030/8260	U	ug/l	10	100	N/A	09/23/07	DE/
1,2-DIBROMOETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
TETRACHLOROETHENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
1,1,1,2-TETRACHLOROETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
CHLOROBENZENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
ETHYL BENZENE	5030/8260	75.4	ug/l	10	10	N/A	09/23/07	DE/
M&P-XYLENES	5030/8260	161	ug/l	10	20	N/A	09/23/07	DE/
BROMOFORM	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
STYRENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/

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Job Name: R.D PATE ESTATE
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Inv. No: 198349

Sample Number L235247-3
Sample Description MW-3
Samp. Date/Time/Temp 09/11/07 11:50am NA C
Receive Date 09/13/07
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Parameter	Method	Result		DIL	PQL	Prep Date	Test Date	Analyst
O-XYLENE	5030/8260	95.9	ug/l	10	10	N/A	09/23/07	DE/
XYLENES (TOTAL)	5030/8260	257	ug/l	10	30	N/A	09/23/07	DE/
1,2,3-TRICHLOROPROPANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
TRANS-1,4-DICHLORO-2-BUTENE	5030/8260	U	ug/l	10	100	N/A	09/23/07	DE/
1,1,2,2-TETRACHLOROETHANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
ISOPROPYLBENZENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
BROMOBENZENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
N-PROPYLBENZENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
2-CHLOROTOLUENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
4-CHLOROTOLUENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
1,3,5-TRIMETHYLBENZENE	5030/8260	12.0	ug/l	10	10	N/A	09/23/07	DE/
TERT-BUTYLBENZENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
1,2,4-TRIMETHYLBENZENE	5030/8260	35.4	ug/l	10	10	N/A	09/23/07	DE/
SEC-BUTYLBENZENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
1,3-DICHLOROBENZENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
1,4-DICHLOROBENZENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
P-ISOPROPYLTOLUENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
1,2-DICHLOROBENZENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
N-BUTYLBENZENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
1,2-DIBROMO-3-CHLOROPROPANE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
1,2,4-TRICHLOROBENZENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
NAPHTHALENE	5030/8260	30.0	ug/l	10	10	N/A	09/23/07	DE/
HEXACHLOROBUTADIENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/
1,2,3-TRICHLOROBENZENE	5030/8260	U	ug/l	10	10	N/A	09/23/07	DE/

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Job Name: R.D PATE ESTATE
Job Id: 07-7014.3

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Sample Number L235247-3
Sample Description MW-3
Samp. Date/Time/Temp 09/11/07 11:50am NA C
Receive Date 09/13/07
Sampled by Customer Sampled

Parameter	Method	Result		DIL	PQL	Prep Date	Test Date	Analyst
SURROGATES		% RECOVERY			% Recovery Limits			
DIBROMOFLUOROMETHANE (SURR)	5030/8260	109	%	10	69-134		09/23/07	DE/
TOLUENE-D8 (SURR)	5030/8260	92	%	10	63-127		09/23/07	DE/
4-BROMOFLUOROBENZENE (SURR)	5030/8260	99	%	10	64-130		09/23/07	DE/
BNA Extractable Compounds								
N-NITROSODIMETHYLAMINE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
ANILINE	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
PHENOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BIS(2-CHLOROETHYL)ETHER	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
2-CHLOROPHENOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
1,3-DICHLOROBENZENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
1,4-DICHLOROBENZENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZYL ALCOHOL	3510/8270	12.0	ug/l	1	10	09/14/07	09/17/07	JW
1,2-DICHLOROBENZENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2-METHYLPHENOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BIS(2-CHLOROISOPROPYL)ETHER	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
N-NITROSO-DI-N-PROPYLAMINE	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
3&4-METHYLPHENOL	3510/8270	U*	ug/l	1	10	09/14/07	09/17/07	JW
HEXACHLOROETHANE	3510/8270	U	ug/l	1	2.0	09/14/07	09/17/07	JW
NITROBENZENE	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
ISOPHORONE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2-NITROPHENOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2,4-DIMETHYLPHENOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BIS(2-CHLOROETHOXY)METHANE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZOIC ACID	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
2,4-DICHLOROPHENOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW

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Project No: 003943 RD PATE ESTAT, R.D.PATE ESTATE
Job Name: R.D PATE ESTATE
Job Id: 07-7014.3

Inv. No: 198349

Sample Number L235247-3
Sample Description MW-3
Samp. Date/Time/Temp 09/11/07 11:50am NA C
Receive Date 09/13/07
Sampled by Customer Sampled

Parameter	Method	Result		DIL	PQL	Prep Date	Test Date	Analyst
1,2,4-TRICHLOROBENZENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
NAPHTHALENE	3510/8270	15.5 V	ug/l	1	10	09/14/07	09/17/07	JW
4-CHLOROANILINE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
HEXACHLOROBUTADIENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
4-CHLORO-3-METHYLPHENOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2-METHYLNAPHTHALENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
1-METHYLNAPHTHALENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
HEXACHLOROCYCLOPENTADIENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2,4,6-TRICHLOROPHENOL	3510/8270	U	ug/l	1	3.0	09/14/07	09/17/07	JW
2,4,5-TRICHLOROPHENOL	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
2-CHLORONAPHTHALENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2-NITROANILINE	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
DIMETHYLPHTHALATE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2,6-DINITROTOLUENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
ACENAPHTHYLENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
3-NITROANILINE	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
ACENAPHTHENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2,4-DINITROPHENOL	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
DIBENZOFURAN	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2,4-DINITROTOLUENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
4-NITROPHENOL	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
DIETHYLPHTHALATE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
FLUORENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
4-CHLOROPHENYL-PHENYLETHER	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
4-NITROANILINE	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW

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Job Name: R.D PATE ESTATE
Job Id: 07-7014.3

Inv. No: 198349

Sample Number L235247-3
Sample Description MW-3
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Receive Date 09/13/07
Sampled by Customer Sampled

Parameter	Method	Result		DIL	PQL	Prep Date	Test Date	Analyst
4,6-DINITRO-2-METHYLPHENOL	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
N-NITROSODIPHENYLAMINE	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
1,2-DIPHENYLHYDRAZINE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
4-BROMOPHENYL-PHENYLETHER	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
HEXACHLOROBENZENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
PENTACHLOROPHENOL	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
PHENANTHRENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
ANTHRACENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
CARBAZOLE	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
DI-N-BUTYLPHTHALATE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
FLUORANTHENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZIDINE	3510/8270	U	ug/l	1	80	09/14/07	09/17/07	JW
PYRENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BUTYLBENZYLPHTHALATE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZO(A)ANTHRACENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
3,3'-DICHLOROBENZIDINE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
CHRYSENE	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
BIS(2-ETHYLHEXYL)PHTHALATE	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
DI-N-OCTYLPHTHALATE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZO(B)FLUORANTHENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZO(K)FLUORANTHENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZO(A)PYRENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
INDENO(1,2,3-CD)PYRENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
DIBENZ(A,H)ANTHRACENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZO(G,H,I)PERYLENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW

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Job Name: R.D PATE ESTATE
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Inv. No: 198349

Sample Number L235247-3
Sample Description MW-3
Samp. Date/Time/Temp 09/11/07 11:50am NA C
Receive Date 09/13/07
Sampled by Customer Sampled

Parameter	Method	Result		DIL	PQL	Prep Date	Test Date	Analyst
SURROGATES		% RECOVERY			% Recovery Limits			
NITROBENZENE-D5 (SURR)	3510/8270	90	%	1	28-128	09/14/07	09/17/07	JW
2-FLUOROBIPHENYL (SURR)	3510/8270	88	%	1	45-126	09/14/07	09/17/07	JW
TERPHENYL-D14 (SURR)	3510/8270	101	%	1	50-146	09/14/07	09/17/07	JW
PHENOL-D5 (SURR)	3510/8270	26	%	1	10-137	09/14/07	09/17/07	JW
2-FLUOROPHENOL (SURR)	3510/8270	42	%	1	10-115	09/14/07	09/17/07	JW
2,4,6-TRIBROMOPHENOL (SURR)	3510/8270	92	%	1	51-134	09/14/07	09/17/07	JW
Metals Analysis								
LEAD	3030/6010B	0.0131	mg/l	1	0.0055	09/13/07	09/13/07	IG
Petroleum Hydrocarbons								
EPH (prism)	MADEP	ATTACHED				N/A		
VPH (prism)	MADEP	ATTACHED				N/A		

**** NOTES CONCERNING THE ABOVE SAMPLE ****

MB HIT NAPTH 0.785 ug/L 2 METHYLNAP .291 ug/L

3&4-METHYLPHENOL - m-Cresol and p-Cresol cannot be resolved from one another under EPA 625/8270. When a positive hit is detected for one, it may be any mixture of the two isomers. 3-Methylphenol is not NELAC certified.

ANALYTICAL RESULTS
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Job Name: R.D PATE ESTATE
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Inv. No: 198349

Sample Number L235247-4
Sample Description MW-4
Samp. Date/Time/Temp 09/11/07 12:10pm NA C
Receive Date 09/13/07
Sampled by Customer Sampled
Received Temp 4 C Iced (Y/N): Y

Parameter	Method	Result		DIL	PQL	Prep Date	Test Date	Analyst
Volatile Organic Compounds								
DICHLORODIFLUOROMETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
CHLOROMETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
VINYL CHLORIDE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
BROMOMETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
CHLOROETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
TRICHLOROFLUOROMETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
ACROLEIN	5030/8260	U	ug/l	1	10	N/A	09/21/07	DE/
ACETONE	5030/8260	U	ug/l	1	10	N/A	09/21/07	DE/
1,1-DICHLOROETHENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
IODOMETHANE	5030/8260	U	ug/l	1	10	N/A	09/21/07	DE/
ACRYLONITRILE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
METHYLENE CHLORIDE	5030/8260	U	ug/l	1	5.0	N/A	09/21/07	DE/
CARBON DISULFIDE	5030/8260	U	ug/l	1	10	N/A	09/21/07	DE/
TRANS-1,2-DICHLOROETHENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
METHYL TERTIARY BUTYLETHER	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
1,1-DICHLOROETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
VINYL ACETATE	5030/8260	U	ug/l	1	10	N/A	09/21/07	DE/
2-BUTANONE	5030/8260	U	ug/l	1	10	N/A	09/21/07	DE/
DIPE	5030/8260	U	ug/l	1	5.0	N/A	09/21/07	DE/
CIS-1,2-DICHLOROETHENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
BROMOCHLOROMETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
CHLOROFORM	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
2,2-DICHLOROPROPANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
1,2-DICHLOROETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/

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Sample Number L235247-4
Sample Description MW-4
Samp. Date/Time/Temp 09/11/07 12:10pm NA C
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Parameter	Method	Result		DIL	PQL	Prep Date	Test Date	Analyst
1,1,1-TRICHLOROETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
1,1-DICHLOROPROPENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
CARBON TETRACHLORIDE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
BENZENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
DIBROMOMETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
1,2-DICHLOROPROPANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
TRICHLOROETHENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
BROMODICHLOROMETHANE	5030/8260	U	ug/l	1	0.60	N/A	09/21/07	DE/
2-CHLOROETHYL VINYL ETHER	5030/8260	U	ug/l	1	10	N/A	09/21/07	DE/
CIS-1,3-DICHLOROPROPENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
4-METHYL-2-PENTANONE	5030/8260	U	ug/l	1	10	N/A	09/21/07	DE/
TRANS-1,3-DICHLOROPROPENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
1,1,2-TRICHLOROETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
TOLUENE	5030/8260	49.1	ug/l	1	1.0	N/A	09/21/07	DE/
1,3-DICHLOROPROPANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
DIBROMOCHLOROMETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
2-HEXANONE	5030/8260	U	ug/l	1	10	N/A	09/21/07	DE/
1,2-DIBROMOETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
TETRACHLOROETHENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
1,1,1,2-TETRACHLOROETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
CHLOROBENZENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
ETHYL BENZENE	5030/8260	166	ug/l	1	1.0	N/A	09/21/07	DE/
M&P-XYLENES	5030/8260	645	ug/l	10	20	N/A	09/23/07	DE/
BROMOFORM	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
STYRENE	5030/8260	3.76	ug/l	1	1.0	N/A	09/21/07	DE/

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Inv. No: 198349

Sample Number L235247-4
Sample Description MW-4
Samp. Date/Time/Temp 09/11/07 12:10pm NA C
Receive Date 09/13/07
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Parameter	Method	Result		DIL	PQL	Prep Date	Test Date	Analyst
O-XYLENE	5030/8260	285	ug/l	10	10	N/A	09/23/07	DE/
XYLENES (TOTAL)	5030/8260	930	ug/l	10	30	N/A	09/23/07	DE/
1,2,3-TRICHLOROPROPANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
TRANS-1,4-DICHLORO-2-BUTENE	5030/8260	U	ug/l	1	10	N/A	09/21/07	DE/
1,1,2,2-TETRACHLOROETHANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
ISOPROPYLBENZENE	5030/8260	15.1	ug/l	1	1.0	N/A	09/21/07	DE/
BROMOBENZENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
N-PROPYLBENZENE	5030/8260	42.0	ug/l	1	1.0	N/A	09/21/07	DE/
2-CHLOROTOLUENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
4-CHLOROTOLUENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
1,3,5-TRIMETHYLBENZENE	5030/8260	122	ug/l	1	1.0	N/A	09/21/07	DE/
TERT-BUTYLBENZENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
1,2,4-TRIMETHYLBENZENE	5030/8260	331	ug/l	10	10	N/A	09/23/07	DE/
SEC-BUTYLBENZENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
1,3-DICHLOROBENZENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
1,4-DICHLOROBENZENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
P-ISOPROPYLTOLUENE	5030/8260	2.94	ug/l	1	1.0	N/A	09/21/07	DE/
1,2-DICHLOROBENZENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
N-BUTYLBENZENE	5030/8260	24.0	ug/l	1	1.0	N/A	09/21/07	DE/
1,2-DIBROMO-3-CHLOROPROPANE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
1,2,4-TRICHLOROBENZENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
NAPHTHALENE	5030/8260	81.2	ug/l	1	1.0	N/A	09/21/07	DE/
HEXACHLOROBUTADIENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/
1,2,3-TRICHLOROBENZENE	5030/8260	U	ug/l	1	1.0	N/A	09/21/07	DE/

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Job Name: R.D PATE ESTATE
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Inv. No: 198349

Sample Number L235247-4
Sample Description MW-4
Samp. Date/Time/Temp 09/11/07 12:10pm NA C
Receive Date 09/13/07
Sampled by Customer Sampled

Parameter	Method	Result		DIL	PQL	Prep Date	Test Date	Analyst
SURROGATES		% RECOVERY			% Recovery Limits			
DIBROMOFLUOROMETHANE (SURR)	5030/8260	105	%	1	69-134		09/21/07	DE/
DIBROMOFLUOROMETHANE (SURR)	5030/8260	108	%	10	69-134		09/23/07	DE/
TOLUENE-D8 (SURR)	5030/8260	94	%	1	63-127		09/21/07	DE/
TOLUENE-D8 (SURR)	5030/8260	91	%	10	63-127		09/23/07	DE/
4-BROMOFLUOROBENZENE (SURR)	5030/8260	93	%	1	64-130		09/21/07	DE/
4-BROMOFLUOROBENZENE (SURR)	5030/8260	97	%	10	64-130		09/23/07	DE/
BNA Extractable Compounds								
N-NITROSODIMETHYLAMINE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
ANILINE	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
PHENOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BIS(2-CHLOROETHYL)ETHER	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
2-CHLOROPHENOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
1,3-DICHLOROBENZENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
1,4-DICHLOROBENZENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZYL ALCOHOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
1,2-DICHLOROBENZENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2-METHYLPHENOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BIS(2-CHLOROISOPROPYL)ETHER	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
N-NITROSO-DI-N-PROPYLAMINE	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
3&4-METHYLPHENOL	3510/8270	U*	ug/l	1	10	09/14/07	09/17/07	JW
HEXACHLOROETHANE	3510/8270	U	ug/l	1	2.0	09/14/07	09/17/07	JW
NITROBENZENE	3510/8270	4.82	ug/l	1	4.0	09/14/07	09/17/07	JW
ISOPHORONE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2-NITROPHENOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2,4-DIMETHYLPHENOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW

Serial Number: 655805

ANALYTICAL RESULTS
Printed: 09/27/07 01:00pm

Project No: 003943 RD PATE ESTAT, R.D.PATE ESTATE
Job Name: R.D PATE ESTATE
Job Id: 07-7014.3

Inv. No: 198349

Sample Number L235247-4
Sample Description MW-4
Samp. Date/Time/Temp 09/11/07 12:10pm NA C
Receive Date 09/13/07
Sampled by Customer Sampled

Parameter	Method	Result		DIL	PQL	Prep Date	Test Date	Analyst
BIS(2-CHLOROETHOXY)METHANE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZOIC ACID	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
2,4-DICHLOROPHENOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
1,2,4-TRICHLOROBENZENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
NAPHTHALENE	3510/8270	15.5 V	ug/l	1	10	09/14/07	09/17/07	JW
4-CHLOROANILINE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
HEXACHLOROBUTADIENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
4-CHLORO-3-METHYLPHENOL	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2-METHYLNAPHTHALENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
1-METHYLNAPHTHALENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
HEXACHLOROCYCLOPENTADIENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2,4,6-TRICHLOROPHENOL	3510/8270	U	ug/l	1	3.0	09/14/07	09/17/07	JW
2,4,5-TRICHLOROPHENOL	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
2-CHLORONAPHTHALENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2-NITROANILINE	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
DIMETHYLPHTHALATE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2,6-DINITROTOLUENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
ACENAPHTHYLENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
3-NITROANILINE	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
ACENAPHTHENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2,4-DINITROPHENOL	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
DIBENZOFURAN	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
2,4-DINITROTOLUENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
4-NITROPHENOL	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
DIETHYLPHTHALATE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW

Serial Number: 655805

ANALYTICAL RESULTS
Printed: 09/27/07 01:00pm

Project No: 003943 RD PATE ESTAT, R.D.PATE ESTATE
Job Name: R.D PATE ESTATE
Job Id: 07-7014.3

Inv. No: 198349

Sample Number L235247-4
Sample Description MW-4
Samp. Date/Time/Temp 09/11/07 12:10pm NA C
Receive Date 09/13/07
Sampled by Customer Sampled

Parameter	Method	Result		DIL	PQL	Prep Date	Test Date	Analyst
FLUORENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
4-CHLOROPHENYL-PHENYLETHER	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
4-NITROANILINE	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
4,6-DINITRO-2-METHYLPHENOL	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
N-NITROSODIPHENYLAMINE	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
1,2-DIPHENYLHYDRAZINE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
4-BROMOPHENYL-PHENYLETHER	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
HEXACHLOROBENZENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
PENTACHLOROPHENOL	3510/8270	U	ug/l	1	50	09/14/07	09/17/07	JW
PHENANTHRENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
ANTHRACENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
CARBAZOLE	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
DI-N-BUTYLPHTHALATE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
FLUORANTHENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZIDINE	3510/8270	U	ug/l	1	80	09/14/07	09/17/07	JW
PYRENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BUTYLBENZYLPHTHALATE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZO(A)ANTHRACENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
3,3'-DICHLOROBENZIDINE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
CHRYSENE	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
BIS(2-ETHYLHEXYL)PHTHALATE	3510/8270	U	ug/l	1	4.0	09/14/07	09/17/07	JW
DI-N-OCTYLPHTHALATE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZO(B)FLUORANTHENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZO(K)FLUORANTHENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZO(A)PYRENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW

Serial Number: 655805

ANALYTICAL RESULTS
Printed: 09/27/07 01:00pm

Project No: 003943 RD PATE ESTAT, R.D.PATE ESTATE
Job Name: R.D PATE ESTATE
Job Id: 07-7014.3

Inv. No: 198349

Sample Number L235247-4
Sample Description MW-4
Samp. Date/Time/Temp 09/11/07 12:10pm NA C
Receive Date 09/13/07
Sampled by Customer Sampled

Parameter	Method	Result		DIL	PQL	Prep Date	Test Date	Analyst
INDENO(1,2,3-CD)PYRENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
DIBENZ(A,H)ANTHRACENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
BENZO(G,H,I)PERYLENE	3510/8270	U	ug/l	1	10	09/14/07	09/17/07	JW
SURROGATES		% RECOVERY			% Recovery Limits			
NITROBENZENE-D5 (SURR)	3510/8270	58	%	1	28-128	09/14/07	09/17/07	JW
2-FLUOROBIPHENYL (SURR)	3510/8270	58	%	1	45-126	09/14/07	09/17/07	JW
TERPHENYL-D14 (SURR)	3510/8270	62	%	1	50-146	09/14/07	09/17/07	JW
PHENOL-D5 (SURR)	3510/8270	18	%	1	10-137	09/14/07	09/17/07	JW
2-FLUOROPHENOL (SURR)	3510/8270	28	%	1	10-115	09/14/07	09/17/07	JW
2,4,6-TRIBROMOPHENOL (SURR)	3510/8270	64	%	1	51-134	09/14/07	09/17/07	JW
Metals Analysis								
LEAD	3030/6010B	0.131	mg/l	1	0.0055	09/13/07	09/13/07	IG
Petroleum Hydrocarbons								
EPH (prism)	MADEP	ATTACHED				N/A		
VPH (prism)	MADEP	ATTACHED				N/A		

**** NOTES CONCERNING THE ABOVE SAMPLE ****

MB HIT NAPTH 0.785 ug/L 2 METHYLNAP .291 ug/L

3&4-METHYLPHENOL - m-Cresol and p-Cresol cannot be resolved from one another under EPA 625/8270. When a positive hit is detected for one, it may be any mixture of the two isomers. 3-Methylphenol is not NELAC certified.

Serial Number: 655805

P.O. 176172

USBiosystems

3231NW 7th Ave, Boca Raton, FL 33431
www.usbiosystems.com

CHAIN OF CUSTODY RECORD

Log# 235247 T#S 4 Quote: 009443 Page___of___

Company Name: EnviroAssessments PO#
Address: 9307 Monroe Road, suite K
City: Charlotte State: NC Zip: 28270
Attn: Don Warren Fax# 704-846-3271
email: dwarren@enviroassessments.com

Project Name R.D. Pate Estate Proj# 07-7019.3
Sampler Signature [signature] Phone# 704-846-8853

								Sample									
								TRC	VM								
								pH		9			2				
								Pres Codes	E	A	E	E	B				
								Parameters	8260	8270	EPH - Parsons	VPH - Parsons	Lead - 3030C				EXAMPLE Diss.8RCRA 6010
#	Sample Label (Client ID)	Collect Date	Collect Time	Matrix Code*	Field Filtered	Integrity OK(Y/N)	Total # of containers										
i.e.	MW-1	6/16/04	11:35	GW	X		1						# of Containers / Size/Type				1 / 16ozP
1	mw-1	9/11/07	11:20	GW			9		3 / 40ml	1 / 1L	1 / 1L	3 / 40ml	1 / 250ml				(5)
2	mw-2		11:40	GW			9		3 / 40ml	1 / 1L	1 / 1L	3 / 40ml	1 / 250ml				
3	mw-3		11:50	GW			9		3 / 40ml	1 / 1L	1 / 1L	3 / 40ml	1 / 250ml				
4	mw-4		12:10	GW			9		3 / 40ml	1 / 1L	1 / 1L	3 / 40ml	1 / 250ml				
5																	
6																	
7																	
8																	
9																	
0																	

Container Type Codes

AV	Amber Vial	ES	Encore Sampler
CV	Clear Vial	PPV	Prepreserved Vial
P	Plastic	PLC	Plastic container
AL	Amber Liter	PLJ	Plastic Jar
CL	Clear Liter	Ziploc	Ziploc bag
AP	Amber Plastic	TEDLAR B	Tedlar bag
AG	Amber Glass	WHIRL P	Whirl pak
SJ	Soil Jar	G	Gallon Jug

Other_____
Size(s): 2oz, 4oz, 8oz, 16oz, 32oz or 1L, 40ml other____
Example: 4ozP = 4oz Plastic, 8ozSJ= 8oz Soil Jar

Matrix Codes*

SD	Solid Waste	WW	Waste Water
SO	Soil	AFW	Analyte Free Water
SE	Sediment	DW	Drinking Water
OL	Oil	SU	Surface Water
PE	Petroleum	AQ	Aqueous
NA	Non-Aqueous	SW	Source Water
ML	Misc. Liquid	A	Air
GW	Ground Water	O	Other _____ (Please Specify)
EFF	Effluent		
INF	Influent		

Pres/Codes

A. None	E. HCL	I. Ice
B. HNO3	F. MeOH	J. MCAA
C. H2SO4	G. Na2S2O3	K. Zn Acetate
D. NaOH	H. NaHSO4	O. Other

REMARKS

DRP @ M
slight petroleum odor
slight petroleum odor

ORIGINAL

Standard	RUSH	Short Hold	QA/QC Report Level	COC OK	Initials	Required State Certification	Coolers #'s
Y Y/N	Date Required	Y N	None 1 2 3 Other	Y N	MR		

Item	Relinquished by	Affiliation	Date	Time	Received by	Affiliation	Date	Time
	[signature]	Sampler	9-12-07	0950	[signature]	GT	9/12	14:20
	[signature]	GT	9/12	15:35	[signature]		9/12/07	1535
	[signature]	GT	9/12	16:20	[signature]	USB	9/13/07	9:30

Lab Use Only

	Yes	No	N/A
Sample INTACT upon arrival?	✓		
Received on Wet Ice? Temp 4 °C	✓		
Proper Preservatives Indicated?	✓		
Received within holding time?	✓		
Custody seals Intact?	✓		
Volatile rec'd without headspace?	✓	✓	
Proper Containers Used?	✓		

162179

PRISM
LABORATORIES,INC.

Case Narrative

Date:	09/27/07	**Client Project ID:**	L235247
Company:	US Biosystems, Inc	**Prism COC Group No:**	G0907343
Contact:	Tiffany Mackie	**Collection Date(s):**	09/11/07
Address:	3231 NW 7th Avenue	**Lab Submittal Date(s):**	09/12/07
	Boca Raton, Fl 33431	**Client Project Name Or No:**	EnviroAssessments

This data package contains the analytical results for the project identified above and includes a Case Narrative, Laboratory Report and Quality Control Data totaling 11 pages. A chain-of-custody is also attached for the samples submitted to Prism for this project.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative. Quality control statements and/or sample specific remarks are included in the sample comments section of the laboratory report for each sample affected.

Semi Volatile Analysis

No Anomalies Reported

Volatile Analysis

No Anomalies Reported

Metals Analysis

N/A

Wet Lab and Micro Analysis

N/A

Please call if you have any questions relating to this analytical report.

Date Reviewed by:	Paula A. Gilleland	**Project Manager:**	Robbi A. Jones
Signature:	Paula A Gilleland	**Signature:**	Paula A. Gilleland for Robbi Jones
Review Date:	09/27/07	**Approval Date:**	09/27/07

Data Qualifiers Key Reference:

B: Compound also detected in the method blank.
#: Result outside of the QC limits.
DO: Compound diluted out.
E: Estimated concentration, calibration range exceeded.
J: The analyte was positively identified but the value is estimated below the reporting limit.
H: Estimated concentration with a high bias.
L: Estimated concentration with a low bias.
M: A matrix effect is present.

Notes: This report should not be reproduced, except in its entirety, without the writtten consent of Prism Laboratories, Inc. The results in this report relate only to the samples submitted for analysis.

449 Springbrook Road, P.O. Box 240543, Charlotte NC 28224-0403
Phone: 704/529-6364 Toll Free: 800/529-6364 Fax: 704/525-0409

NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

09/26/07

US Biosystems, Inc
Attn: Tiffany Mackie
3231 NW 7th Avenue
Boca Raton, Fl 33431

Project Name: EnviroAssessments
Project ID: L235247
Sample Matrix: Water

Client Sample ID: MW-1
Prism Sample ID: 193021
COC Group: G0907343
Time Collected: 09/11/07 11:20
Time Submitted: 09/12/07 15:35

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Extractable Petroleum Hydrocarbons by GC-FID									
C11-C22 Aromatics	BRL	µg/L	100	49	1	MADEP EPH	09/22/07 23:12	grappaccioli	Q26749
* Analysis Note for C11-C22 Aromatics: Adjusted value.									
C19-C36 Aliphatics	BRL	µg/L	100	45	1	MADEP EPH	09/22/07 23:12	grappaccioli	Q26749
C9-C18 Aliphatics	BRL	µg/L	100	17	1	MADEP EPH	09/22/07 23:12	grappaccioli	Q26749
Sample Preparation:			1000 mL /		2 mL	EPH	09/20/07 7:00	smanivanh	P19527

Surrogate	% Recovery	Control Limits
o-Terphenyl	94	40 - 140
2-Fluorobiphenyl	101	40 - 140
2-Bromonaphthalene	106	40 - 140
1-Chloro-octadecane	82	40 - 140

Volatile Petroleum Hydrocarbons by GC-PID/FID									
C5-C8 Aliphatics	BRL	µg/L	50	5.4	1	MADEP VPH	09/17/07 20:46	erussell	Q26597
* Analysis Note for C5-C8 Aliphatics: Adjusted value.									
C9-C10 Aromatics	BRL	µg/L	50	0.20	1	MADEP VPH	09/17/07 20:46	erussell	Q26597
C9-C12 Aliphatics	BRL	µg/L	50	6.3	1	MADEP VPH	09/17/07 20:46	erussell	Q26597
* Analysis Note for C9-C12 Aliphatics: Adjusted value.									

Surrogate	% Recovery	Control Limits
2,5-Dibromotoluene-PID	75	70 - 130
2,5-Dibromotoluene-FID	75	70 - 130

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Full Service Analytical & Environmental Solutions

Laboratory Report

09/26/07

US Biosystems, Inc
Attn: Tiffany Mackie
3231 NW 7th Avenue
Boca Raton, Fl 33431

Project Name: EnviroAssessments
Project ID: L235247
Sample Matrix: Water

Client Sample ID: MW-1
Prism Sample ID: 193021
COC Group: G0907343
Time Collected: 09/11/07 11:20
Time Submitted: 09/12/07 15:35

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit
J- Estimated value between the Reporting Limit and the MDL
The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.
All results are reported on a wet-weight basis

Angela D. Overcash, V.P. Laboratory Services

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NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

09/26/07

US Biosystems, Inc
Attn: Tiffany Mackie
3231 NW 7th Avenue
Boca Raton, Fl 33431

Project Name: EnviroAssessments
Project ID: L235247
Sample Matrix: Water

Client Sample ID: MW-2
Prism Sample ID: 193022
COC Group: G0907343
Time Collected: 09/11/07 11:40
Time Submitted: 09/12/07 15:35

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Extractable Petroleum Hydrocarbons by GC-FID									
C11-C22 Aromatics	130	µg/L	100	49	1	MADEP EPH	09/23/07 0:56	grappaccioli	Q26749
* Analysis Note for C11-C22 Aromatics: Adjusted value.									
C19-C36 Aliphatics	BRL	µg/L	100	45	1	MADEP EPH	09/23/07 0:56	grappaccioli	Q26749
C9-C18 Aliphatics	BRL	µg/L	100	17	1	MADEP EPH	09/23/07 0:56	grappaccioli	Q26749
Sample Preparation:			1000 mL /		2 mL	EPH	09/20/07 7:00	smanivanh	P19527

Surrogate	% Recovery	Control Limits
o-Terphenyl	106	40 - 140
2-Fluorobiphenyl	119	40 - 140
2-Bromonaphthalene	125	40 - 140
1-Chloro-octadecane	91	40 - 140

Volatile Petroleum Hydrocarbons by GC-PID/FID									
C5-C8 Aliphatics	680	µg/L	50	5.4	1	MADEP VPH	09/17/07 21:27	erussell	Q26597
* Analysis Note for C5-C8 Aliphatics: Adjusted value.									
C9-C10 Aromatics	200	µg/L	50	0.20	1	MADEP VPH	09/17/07 21:27	erussell	Q26597
C9-C12 Aliphatics	440	µg/L	50	6.3	1	MADEP VPH	09/17/07 21:27	erussell	Q26597
* Analysis Note for C9-C12 Aliphatics: Adjusted value.									

Surrogate	% Recovery	Control Limits
2,5-Dibromotoluene-PID	94	70 - 130
2,5-Dibromotoluene-FID	106	70 - 130

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Full Service Analytical & Environmental Solutions

Laboratory Report

09/26/07

US Biosystems, Inc
Attn: Tiffany Mackie
3231 NW 7th Avenue
Boca Raton, Fl 33431

Project Name: EnviroAssessments
Project ID: L235247
Sample Matrix: Water

Client Sample ID: MW-2
Prism Sample ID: 193022
COC Group: G0907343
Time Collected: 09/11/07 11:40
Time Submitted: 09/12/07 15:35

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit
J- Estimated value between the Reporting Limit and the MDL
The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.
All results are reported on a wet-weight basis

Angela D. Overcash, V.P. Laboratory Services

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Full Service Analytical & Environmental Solutions

Laboratory Report

09/26/07

US Biosystems, Inc
Attn: Tiffany Mackie
3231 NW 7th Avenue
Boca Raton, Fl 33431

Project Name: EnviroAssessments
Project ID: L235247
Sample Matrix: Water

Client Sample ID: MW-3
Prism Sample ID: 193023
COC Group: G0907343
Time Collected: 09/11/07 11:50
Time Submitted: 09/12/07 15:35

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Extractable Petroleum Hydrocarbons by GC-FID									
C11-C22 Aromatics	140	µg/L	100	49	1	MADEP EPH	09/23/07 2:40	grappaccioli	Q26749
* Analysis Note for C11-C22 Aromatics: Adjusted value.									
C19-C36 Aliphatics	BRL	µg/L	100	45	1	MADEP EPH	09/23/07 2:40	grappaccioli	Q26749
C9-C18 Aliphatics	BRL	µg/L	100	17	1	MADEP EPH	09/23/07 2:40	grappaccioli	Q26749
Sample Preparation:			1000 mL /		2 mL	EPH	09/20/07 7:00	smanivanh	P19527

Surrogate	% Recovery	Control Limits
o-Terphenyl	90	40 - 140
2-Fluorobiphenyl	100	40 - 140
2-Bromonaphthalene	102	40 - 140
1-Chloro-octadecane	91	40 - 140

Volatile Petroleum Hydrocarbons by GC-PID/FID									
C5-C8 Aliphatics	400	µg/L	50	5.4	1	MADEP VPH	09/18/07 16:53	erussell	Q26597
* Analysis Note for C5-C8 Aliphatics: Adjusted value.									
C9-C10 Aromatics	260	µg/L	50	0.20	1	MADEP VPH	09/18/07 16:53	erussell	Q26597
C9-C12 Aliphatics	540	µg/L	50	6.3	1	MADEP VPH	09/18/07 16:53	erussell	Q26597
* Analysis Note for C9-C12 Aliphatics: Adjusted value.									

Surrogate	% Recovery	Control Limits
2,5-Dibromotoluene-PID	96	70 - 130
2,5-Dibromotoluene-FID	112	70 - 130

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Laboratory Report

09/26/07

US Biosystems, Inc
Attn: Tiffany Mackie
3231 NW 7th Avenue
Boca Raton, Fl 33431

Project Name: EnviroAssessments
Project ID: L235247
Sample Matrix: Water

Client Sample ID: MW-3
Prism Sample ID: 193023
COC Group: G0907343
Time Collected: 09/11/07 11:50
Time Submitted: 09/12/07 15:35

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit
J- Estimated value between the Reporting Limit and the MDL
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Laboratory Report

09/26/07

US Biosystems, Inc
Attn: Tiffany Mackie
3231 NW 7th Avenue
Boca Raton, Fl 33431

Project Name: EnviroAssessments
Project ID: L235247
Sample Matrix: Water

Client Sample ID: MW-4
Prism Sample ID: 193024
COC Group: G0907343
Time Collected: 09/11/07 12:10
Time Submitted: 09/12/07 15:35

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Extractable Petroleum Hydrocarbons by GC-FID									
C11-C22 Aromatics	BRL	µg/L	100	49	1	MADEP EPH	09/23/07 6:08	grappaccioli	Q26749
* Analysis Note for C11-C22 Aromatics: Adjusted value.									
C19-C36 Aliphatics	BRL	µg/L	100	45	1	MADEP EPH	09/23/07 6:08	grappaccioli	Q26749
C9-C18 Aliphatics	BRL	µg/L	100	17	1	MADEP EPH	09/23/07 6:08	grappaccioli	Q26749
Sample Preparation:			1000 mL /		2 mL	EPH	09/20/07 7:00	smanivanh	P19527

Surrogate	% Recovery	Control Limits
o-Terphenyl	91	40 - 140
2-Fluorobiphenyl	112	40 - 140
2-Bromonaphthalene	86	40 - 140
1-Chloro-octadecane	84	40 - 140

Volatile Petroleum Hydrocarbons by GC-PID/FID									
C5-C8 Aliphatics	1600	µg/L	50	5.4	1	MADEP VPH	09/18/07 1:37	erussell	Q26597
* Analysis Note for C5-C8 Aliphatics: Adjusted value.									
C9-C10 Aromatics	1900	µg/L	50	0.20	1	MADEP VPH	09/18/07 1:37	erussell	Q26597
C9-C12 Aliphatics	2000	µg/L	50	6.3	1	MADEP VPH	09/18/07 1:37	erussell	Q26597
* Analysis Note for C9-C12 Aliphatics: Adjusted value.									

Surrogate	% Recovery	Control Limits
2,5-Dibromotoluene-PID	78	70 - 130
2,5-Dibromotoluene-FID	72	70 - 130

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09/26/07

US Biosystems, Inc
Attn: Tiffany Mackie
3231 NW 7th Avenue
Boca Raton, Fl 33431

Project Name: EnviroAssessments
Project ID: L235247
Sample Matrix: Water

Client Sample ID: MW-4
Prism Sample ID: 193024
COC Group: G0907343
Time Collected: 09/11/07 12:10
Time Submitted: 09/12/07 15:35

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID

Sample Comment(s):

BRL = Below Reporting Limit

J- Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a wet-weight basis

Angela D. Overcash, V.P. Laboratory Services

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Level II QC Report

9/26/07

US Biosystems, Inc
Attn: Tiffany Mackie
3231 NW 7th Avenue
Boca Raton, Fl 33431

Project Name: EnviroAssessments
Project ID: L235247

COC Group Number: G0907343
Date/Time Submitted: 9/12/07 15:35

Volatile Petroleum Hydrocarbons by GC-PID/FID, method MADEP VPH

Method Blank

	Result	RL	Control Limit	Units	QC Batch ID
C5-C8 Aliphatics	ND	50	<25	µg/L	Q26597
C9-C10 Aromatics	ND	50	<25	µg/L	Q26597
C9-C12 Aliphatics	ND	50	<25	µg/L	Q26597

Laboratory Control Sample

	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
C5-C8 Aliphatics	186.24	150	µg/L	124	70-130	Q26597
C9-C10 Aromatics	47.92	50	µg/L	96	70-130	Q26597
C9-C12 Aliphatics	117.18	100	µg/L	117	70-130	Q26597

Matrix Spike

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
192610	C5-C8 Aliphatics	722.88	600	µg/L	120	70-130	Q26597
	C9-C10 Aromatics	189	200	µg/L	95	70-130	Q26597
	C9-C12 Aliphatics	478.72	400	µg/L	120	70-130	Q26597

Matrix Spike Duplicate

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID
192610	C5-C8 Aliphatics	676.64	600	µg/L	113	70-130	7	0 - 25	Q26597
	C9-C10 Aromatics	181.28	200	µg/L	91	70-130	4	0 - 25	Q26597
	C9-C12 Aliphatics	452.52	400	µg/L	113	70-130	6	0 - 25	Q26597

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NC Certification No. 402
SC Certification No. 99012
NC Drinking Water Cert. No. 37735

Level II QC Report

9/26/07

US Biosystems, Inc
Attn: Tiffany Mackie
3231 NW 7th Avenue
Boca Raton, Fl 33431

Project Name: EnviroAssessments
Project ID: L235247

COC Group Number: G0907343
Date/Time Submitted: 9/12/07 15:35

Extractable Petroleum Hydrocarbons by GC-FID, method MADEP EPH

Method Blank

	Result	RL	Control Limit	Units	QC Batch ID
C11-C22 Aromatics	ND	100	<50	µg/L	Q26749
C19-C36 Aliphatics	ND	100	<50	µg/L	Q26749
C9-C18 Aliphatics	ND	100	<50	µg/L	Q26749

Laboratory Control Sample

	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
C11-C22 Aromatics	1752	1700	µg/L	103	40-140	Q26749
C19-C36 Aliphatics	659.0	800	µg/L	82	40-140	Q26749
C9-C18 Aliphatics	405.4	600	µg/L	68	40-140	Q26749

Matrix Spike

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
192725	C11-C22 Aromatics	1566	1700	µg/L	92	40-140	Q26749
	C19-C36 Aliphatics	559.8	800	µg/L	70	40-140	Q26749
	C9-C18 Aliphatics	429.2	600	µg/L	72	40-140	Q26749

Matrix Spike Duplicate

Sample ID:		Result	Spike Amount	Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID
192725	C11-C22 Aromatics	1771.6	1700	µg/L	104	40-140	12	0 - 50	Q26749
	C19-C36 Aliphatics	720.6	800	µg/L	90	40-140	25	0 - 50	Q26749
	C9-C18 Aliphatics	484	600	µg/L	81	40-140	12	0 - 50	Q26749

#-See Case Narrative

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USBiosystems

CHAIN OF CUSTODY RECORD

3231 NW 7th Ave, Boca Raton, FL 33431
www.usbiosystems.com

Log# 235247 T#S ___ Quote: ___ Page ___ of ___

Company Name: EnviroAssessments PO#
Address: 9307 Monroeland, Suite K
City: Charlotte State: NC Zip: 28270
Attn: Don Warren Fax# 704-846-3271
email: dwarren@enviroassessments.com
Project Name: K.D. Pate Estate Proj# 07-7019.3
Sampler Signature: [signature] Phone# 704-846-8571

#	Sample Label (Client ID)	Collect Date	Collect Time	Matrix Code*	Field Filtered	Integrity OK(Y/N)	Total # of containers	Parameters	8260	8270	GPH - Rmt	VPH - Rmt	Lead - Total									
								Pres Codes	E	A	C	E	B									
								pH														
								TRC														
								Sample														
i.e.	MW-1	6/16/04	11:35	GW	X		1															
1	mw-1	9/11/07	11:20	GW			9		40ml	1L	1L	40ml	250ml									
2	mw-2		11:40	GW			9		40ml	1L	1L	40ml	250ml									
3	mw-3		11:50	GW			9		40ml	1L	1L	40ml	250ml									
4	mw-4		12:10	GW			9		40ml	1L	1L	40ml	250ml									
5																						
6																						
7																						
8																						
9																						
0																						

EXAMPLE Diss.8RCRA 6010

# of Containers Size/Type: 16ozP

REMARKS
193021
193022 slight petroleum odor
193023 slight petroleum odor
193024

G49107343

LAB ANALYSIS

Container Type Codes
AV - Amber Vial; CV - Clear Vial; P - Plastic; AL - Amber Liter; CL - Clear Liter; AP - Amber Plastic; AG - Amber Glass; SJ - Soil Jar; Other; ES - Encore Sampler; PPV - Preserved Vial; PLC - Plastic container; PLJ - Plastic Jar; Ziploc - Ziploc bag; TEDLAR B - Tedlar bag; WHIRLP - Whirl pak; G - Gallon Jug
Size(s): 2oz, 4oz, 8oz, 16oz, 32oz or 1L, 40ml other ___
Example: 4oz P = 4oz Plastic; 8oz SJ = 8oz Soil Jar

Matrix Codes*
SD - Solid Waste; SO - Soil; SE - Sediment; OL - Oil; PE - Petroleum; NA - Nonaqueous; ML - Misc. Liquid; GW - Ground Water; EFF - Effluent; INF - Influent; WW - Waste Water; AFW - Analyte Free Water; DW - Drinking Water; SU - Surface Water; AQ - Aqueous; SW - Source Water; A - Air; O - Other ___ (Please Specify)

Pres/Codes
A - None; B - HNO3; C - H2SO4; D - NaOH; E - HCL; F - MeOH; G - Na2S2O3; H - NaHSO4; I - Ice; J - MCAA; K - Zn Acetate; O - Other

Short Hold	QA/QC Report Level	COC OK	Initials	Required State Certification	Coolers #'s
Y N Date Required	None 1 2 3 Other	Y N			___ ___ ___ ___

Item	Relinquished by	Affiliation	Date	Time	Received by	Affiliation	Date	Time
	[signature]	Sampler	9-12-07	0950	[signature]	GT	9/12	14:20
	[signature]	GT	9/12	15:35	[signature]		9/12/07	1535

Lab Use Only

	Yes	No	N/A
Sample INTACT upon arrival?	✓		
Received on Wet Ice? Temp 3.1°C	✓		
Proper Preservatives Indicated?	✓		
Received within holding time?	✓		
Custody seals intact?			✓
Volatile rec'd without headspace?	✓		
Proper Containers Used?			

LAB COPY

160170

APPENDIX 4

FIELD METHODS AND SAMPLING PROTOCOL

FIELD METHODS

Listed below are the standard field methods used during this project.

Soil Boring and Well Installation

The borings were drilled using a track-mounted Geoprobe unit. Soil cuttings were collected from the borehole using disposable plastic liners. Soil samples selected for analysis were manually collected using new, disposable vinyl gloves. Each soil sample was placed into new clean glass containers. After being filled, each sample container was labeled with the project name and number, the sampler's name, and the time and date of sample collection. The filled sample containers were placed into a cooler. Plastic bags containing ice were packed around the sample containers. The samples were delivered to the laboratory for analysis. A chain of custody form was maintained with the samples. Soil cuttings from the borehole were spread on the ground following the field activities. To reduce the potential for cross-contamination the downhole drilling equipment was steam-cleaned before use.

Four shallow monitoring wells (MW-1, MW-2, MW-3 and MW-4) were installed at the Project. MW-1 was installed approximately four feet from the northwest corner of the subject building along Northeast Railroad Street in an assumed up-gradient location. MW-2 was installed approximately 26 feet from the southwest corner of the subject building at the intersection of Northeast Railroad Street and East Main Street in an assumed cross-gradient location. MW-3 was installed approximately 30 feet east of Northeast Railroad Street and approximately 15 feet south of the southern elevation of the subject building in an assumed down-gradient location. MW-4 was installed approximately eight feet from the southeast corner of the subject building in an assumed down-gradient location. The boring for each well was drilled below the top of the groundwater surface. The wells were constructed with two-inch inside diameter (I.D.) Schedule 40 PVC casing and screen. The PVC screen and casing was lowered into the open borehole. A 10-foot length of slotted well screen with machined 0.010-inch slot widths and a threaded bottom plug were installed at the bottom of the well. Since petroleum hydrocarbons are floaters, the screen was installed to a depth such that the screened interval intersected the estimated groundwater surface at the time of drilling. A solid section of PVC casing was placed above the screened interval and extended to a point just below the ground surface. The annular space around the PVC screen was filled with washed and graded medium sand to approximately two feet above the top of the screen. The sand pack was placed around the PVC pipe to stabilize the formation and to yield a less turbid groundwater sample.

A two-foot thick seal of bentonite pellets was placed immediately above the sand pack. After placement in the

well, the bentonite pellets were allowed to hydrate approximately thirty (30) minutes. After hydrating the bentonite pellets, a bentonite/cement mixture containing approximately four percent bentonite was pumped down the borehole to fill the annular space from the bentonite seal to near the ground surface. The top of the well was equipped with a lockable, watertight well plug and a flush-mounted protective steel cover.

Monitoring Well Sampling

The monitoring wells were purged by removing at least five well volumes or until dryness. The wells were purged using a disposable polypropylene bailer. After the purging was completed, a groundwater sample was collected from each well using a disposable polypropylene bailer. The groundwater samples were manually collected from each well using new rope, bailer, and disposable vinyl gloves. The samples were immediately placed into laboratory prepared containers. The sample containers were labeled with the project name and number, the sampler's name, and the time and date of sample collection. The filled sample containers were placed into a cooler. Plastic bags containing ice were packed around the sample containers. The samples were delivered to the laboratory for analysis. A chain of custody form was maintained with the samples.

APPENDIX 5

WATER WELL SURVEYS

RE: 103 Main Street
Parcel # 3603277551

Change 1
August 2002

Figure 18
Water Supply Well Information Survey

(This line to be completed by Responsible Party or their representative)
Incident Number: 7568 **Incident Name: R. D. Pate Estate**

Please Provide the Following Information (to the best of your knowledge)

Name and telephone number of person completing the survey PHIL HARDY 242-4669
Address of property receiving survey 103 Main Street
City Pikeville County WAYNE

What is the source of your drinking water? **Public Water / Water Supply Well / Stream Intake / Other (please explain below)**

Is there a water supply well on this property? **Yes / No** If "No" disregard remaining questions and return survey

Name and address of owner(s) of property with water supply well J. Hardy's Sill Co. Inc
114 Orchard Drive
Pikeville, NC 27863

How many water supply wells are on your property?
What is the well(s) used for? (check all that apply) **Drinking** ____, **Irrigation** ____, **Swimming Pool** ____, **Water Livestock** ____, **Other (specify)** ____, **You do not use the Well** ✓
How many residences are connected to the well (list addresses below)?
None

How deep is the well(s)? unknown Date well was installed? unknown
What is the casing depth of the well(s)? unknown
What is the screen interval of the well(s)? unknown

Additional water supply well information:

(This part to be completed by Responsible Party or their representative)
Please return completed survey to EnviroAssessments, PLLC by September 14, 2007 using one of the following methods:

1. Fax to 704-846-3271
2. Mail to EnviroAssessments, PLLC
   9307 Monroe Road, Suite K
   Charlotte, NC 28270
3. Telephone 704-846-8853
4. E-mail to jodom@enviroassessments.com

If you have any questions, please contact the consultant indicated above or the UST Section Washington Regional Office at (252) 946-6481