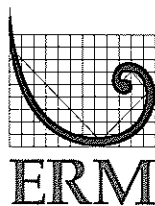


Exxon Mobil Corporation

UST Closure and 20-Day Report  
*Former Exxon 99 GNC*  
*5009 Summit Avenue*  
*Greensboro, North Carolina*

March 2002

ERM NC, PC  
7300 Carmel Executive Park  
Suite 200  
Charlotte, NC 28226



# UNDERGROUND STORAGE TANK CLOSURE REPORT

The closure report should contain, at a minimum, the following information. Any other information that is pertinent to the site should be included.

## I. General Information

### A. Ownership of UST(s)

- |   |  |
|---|--|
| 1. Name of UST owner:                                     | Mabel L. Chilton Estates                                   |
| 2. Owner address and telephone number:<br>(See Table B-2) | 5005 Summit Ave.<br>Greensboro, NC 27405<br>(770) 428-4236 |

### B. Facility Information

- |   |   |
|---|---|
| 1. Facility name:                                 | 99 GNC  |
| 2. Facility ID #:                                 | Not Available   |
| 3. Facility address, telephone number and county: | 5009 Summit Ave.<br>Greensboro, NC 27405<br>Phone: None |

### C. Contacts

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

Mr. James F. Medlin, Environmental Remediation Territory Manager  
Exxon Mobil Corporation  
77 Center Drive, Bldg. 5601  
Suite 200  
Charlotte, NC 28217-0735  
(704) 529-4263

#### 2. Name, address and telephone number of closure contractor:

Piedmont Industrial Services  
P.O. Box 5061  
Winston-Salem, NC 27113  
336-767-7522

#### 3. Name, address and telephone number of primary consultant:

ERM NC, PC  
Suite 200  
7300 Carmel Executive Park  
Charlotte, NC 28226  
(704) 541-8345

#### 4. Name, address, telephone number, and State certification number of laboratory:

TestAmerica  
2960 Foster Creighton Drive  
Nashville, TN 37204  
(800) 765-0980  
NC Certification Number: 387

**D. UST Information**

See Table B-1

**E. Site Characteristics**

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

Based on a review of the NCDENR ground water incident database, there are no previous ground water incidents that have been documented at the site:

Incident Number	Date of Release Discovery	Suspected Source of Release	Incident Closure Date
None			

**2. Is the facility active or inactive at this time? If the facility is inactive note the last time the USTs were in operation:**

The facility is an inactive gasoline retail and convenience store. The store was in operation from the 1930's to the early 1960's.

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

The site is located within a rural area approximately 0.15 miles northeast of the Greensboro city limits. The property to the west of the site is wooded and undeveloped. The land in the other cardinal directions has been developed for residential and limited commercial use. Along Summit Ave approximately 0.3 miles north is a Texaco Gas Station, to the southeast is a restaurant. The remaining areas are residential housing.

**4. Describe site geology/hydrogeology:**

The site is located in the Carolina Slate belt geologically and in the Piedmont physiographic province of North Carolina. According to the Geologic Map of North Carolina (NCGS, 1985), the site is underlain by metamorphosed granitic rock.

There are generally two aquifers present within the Piedmont region. These aquifer units are described in detail below.

Saprolite Aquifer - The saprolite aquifer is the uppermost aquifer across much of the region, but is locally absent where the water table occurs below the top of bedrock. The thickness of the saprolite aquifer is typically less than 50 feet, but may extend to more than 100 feet. The aquifer matrix is composed of unconsolidated residual soil, saprolite, and partially weathered bedrock. The saprolite aquifer zone includes the transition (partially weathered rock) zone just above competent bedrock. The transition zone is generally characterized by enhanced permeability in the regional piedmont aquifer system. Ground water flow through the aquifer is by advective movement of ground water through pore spaces within the unconsolidated aquifer matrix. Moving downward to the partially weathered rock zone, ground water flow becomes progressively more confined to relict fractures and moves less through the porous media. The potentiometric surface of ground water in the saprolite aquifer is generally a subdued replica of the topography. The shallow ground water generally discharges to streams and rivers. There is generally limited downward flow of ground water into the underlying bedrock aquifer.

Bedrock Aquifer - The bedrock aquifer extends from the top of competent bedrock to depths where ground water flow becomes limited due to the absence of open fractures. Ground water flow within the bedrock aquifer is primarily through fractures in the bedrock and is strongly controlled by subsurface geologic structures such as faults, fracture zones, and lithologic contacts. The base of the bedrock aquifer generally extends to depths of approximately 250 to 700 feet.

**5. Describe results of a receptor survey (water wells, basements, etc., within 1500 feet of the facility). To be performed if a release has occurred.**

According to the Preliminary Site Assessment conducted by URS Corporation (3/01) on behalf of the North Carolina Department of Transportation (NCDOT) there is a water well on the subject property located north of the building although URS was unable to identify the location of the well. Their report also stated to most of the houses in the surrounding area have drinking water wells, and do not use city supplied water. A Sensitivity Receptor Survey by ERM is pending.

## **II. Closure Procedures**

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

In preparation for the closure-in-place of the USTs the NCDENR Division of Waste Management – UST Section was notified of the planned UST closure activities on February 4, 2002 by submittal of a GW/UST-3 form (See Appendix A). The local fire marshal was also notified of the planned UST removals on February 5, 2002.

In preparation for the closure-in-place, Piedmont Industrial Services exposed the tops of the USTs. Four Seasons Environmental then cut open the USTs and extracted any vapors, dirt, gasoline, or sludge from the tanks. Four Seasons then proceeded with a Triple Rinse sequence with Mirachem 500 and hot water wash until the tanks were clean. Finally, Four Seasons utilized a vacuum truck to remove all fluids from the UST's.

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

Approximately 388 gallons of rinsewater, residual gasoline, and sludge were pumped from the tanks prior to being filled with foam.

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

Four Seasons Environmental of Greensboro, North Carolina used a vacuum truck to remove the residual fluids and rinse water. The fluids were stored in the vacuum truck prior to transport to the Four Seasons Greensboro, NC facility for treatment and disposal. A disposal manifest is provided in Appendix D.

**D. Excavation**

*Note: Refer to the "Groundwater Section Guidelines for the Investigation and Remediation of Soils and Groundwater" on limiting excavations. The Trust Fund will not pay for excessive excavation unless it is justified and verified by laboratory results.*

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

The USTs were located in a gravel-paved area of the site. Overburden gravel and soil from the top of the UST's was removed and stockpiled separately from construction debris. Excavation was limited to only exposing the tops of the UST's sufficient for access during the cleaning and for the closure-in-place of the tanks.

All soil excavated during the UST closure activities was stockpiled on-site in accordance with NCDENR protocol pending laboratory analysis of composite stockpile samples, and disposal of the stockpiled soil.

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

UST	Depth of Burial (ft. BGL)
Gasoline and diesel USTs	4

**3. Quantity of soil removed:**

An estimated total of 5 cubic yards of gravel and soil were removed from the UST system excavations. Disposal of this material is pending.

**4. Describe soil type(s):**

Clayey SILT saprolite soil was observed from 2 to 32 feet below ground surface in borings by URS Corporation (3/01).

**5. Type and source of backfill used:**

Gravel was used to backfill from top of the tanks to ground surface. No soil or gravel that was excavated from the site was used as backfill.

**E. Contaminated Soil**

*Note: Suspected contaminated soil should be segregated from soil that appears to be uncontaminated and should be treated as contaminated until proven otherwise. It should not be used as backfill.*

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

For reasons set forth by NCDOT regulations for excavation in right-of-ways only the overlying soil and gravel was removed from the USTs.

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

A summary of soil disposal methods for stockpiled soils is provided in Table B-3. All soil and gravel excavated during the UST closure activities was stockpiled on-site in accordance with NCDENR protocol pending laboratory analysis of composite stockpile samples. Stockpiled petroleum-affected soil/gravel that require off-site treatment and disposal will be transported to the Four Seasons treatment facility in Greensboro, North Carolina. Soil disposal manifests for the petroleum-affected soil will be submitted under separate cover when they become available.

### III. Site Investigation

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

Soil samples collected during the UST closure were screened using a Bacharach TLV portable gas detection system calibrated to 500-ppm hexane. Soil samples were screened in the field using the headspace organic vapor screening method. Field screening data are provided in Table B-3.

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

*Note: Refer to the "Groundwater Section Guidelines for the Investigation and Remediation of Soils and Groundwater" for information about sampling requirements.*

- |   |                                    |
|---|------------------------------------|
| - Location of samples:  | See Figure 2 & 3                   |
| - Type of samples (from excavation, stockpiled soil, etc. ):          | See Table B-3                      |
| - Sample collection procedures (grab, split spoon, hand auger, etc.): | Grabbed by hand auger and GeoProbe |
| - Depth of soil samples (below land surface):                         | See Table B-3                      |
| - Whether samples were taken from side or floor of an excavation:     | Sides and above the UST system     |
| - Sample identification:  | See Table B-3                      |
| - Sample analyses:  | See Table B-3                      |

UST closure soil samples were collected via hand auger by ERM personnel from undisturbed soil at the sides and above the tanks. Soil samples collected during the Preliminary Site Assessment (URS 3/01) were collected via GeoProbe.

**C. Describe groundwater or surface water sampling procedures used, including:**

*Note: Refer to the "Groundwater Section Guidelines for the Investigation and Remediation of Soils and Groundwater" for information about sampling requirements.*

- |   |      |
|---|------|
| - Location of samples                               | None |
| - Sample collection procedures (grab, bailer, etc.) | None |
| - Sample identification                             | None |
| - Sample analyses                                   | None |

**D. Quality control measures**

**- Describe sample handling procedures including sample preservation and transportation:**

A new pair of Latex gloves were worn during the collection of each sample. The samples were placed in laboratory-provided containers, labeled, and placed in an ice filled cooler. The cooler was shipped to the laboratory via overnight courier. Appropriate chain-of-custody forms were maintained throughout sampling and sample shipment (see Appendix E).

**- Describe decontamination procedures used:**

New gloves and unused clean sampling jars from the laboratory were used. Sampling tools (e.g. trowel or hand auger) were cleaned using a phosphate detergent and tap water rinse prior to the collection of each soil sample.

**- Describe time and date samples were collected and date submitted to lab:**

Sample collection and shipment dates are shown in the chain-of-custodies contained in Appendix E. Sample collection dates are also summarized in Table B-3.

**- Describe samples collected for quality control purposes (e.g. duplicates, field blanks, trip blanks, etc.) Include methods used to obtain these samples and analytical parameters:**

No trip blanks, field blanks or duplicate samples were collected for the soil samples.

**- Discuss how results of quality control samples may have affected your interpretation of soil, groundwater or surface water sample results:**

No QA/QC data were collected.

**E. Investigation results**

**- Describe results of Site Sensitivity Evaluation (SSE), (if SSE was not conducted, explain why not):**

The SSE is not applicable at this petroleum UST site.

**- Describe methods of analyses used (include U.S. EPA method number):** See Table B-3

**- Describe analytical results for samples; discuss in relation to site specific cleanup level or action level, as appropriate:**

A summary of maximum soil contaminant concentrations (MSCCs) for unexcavated soil remaining at the site is provided below (only detected compounds are shown).

Compound	Maximum Concentration (mg/kg)	Soil-to-Ground water MSCC (mg/kg)	Residential MSCC (mg/kg)	Industrial/Commercial MSCC (mg/kg)
TPH – Gasoline range	<b>14,200</b>	10	NA	NA
TPH – Diesel range	<b>11,100</b>	10	NA	NA
Benzene	<b>29.4</b>	0.0056	22	200
Ethylbenzene	<b>311</b>	0.24	1560	40,000
Toluene	<b>716</b>	7	3,200	82,000
Xylenes	<b>1,620</b>	5	32,000	200,000

MSCC = Maximum soil contaminant concentration

Results shown in bold exceed soil-to-groundwater MSCCs

No ground water samples have been collected at the site.

#### IV. Conclusions and Recommendations

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

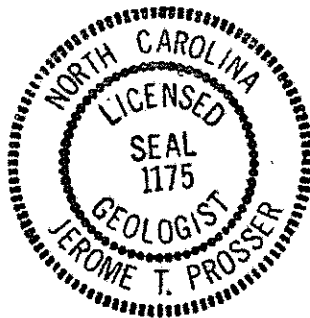
Evidence of a suspected petroleum release was discovered during a Preliminary Site Assessment (3/01).

Laboratory analysis of the soil samples collected during the February 2002 UST closure by removal indicate that petroleum-affected soil remains in place beneath and around the tanks. At the current time only the soil directly above the tanks has been excavated due to the Department of Transportation regulations on excavating in the right of way.

Six petroleum hydrocarbon compounds and/or petroleum hydrocarbon fractions have been detected in soil at the site in concentrations above NCDENR risk-based soil-to-ground water maximum soil contaminant concentrations (MSCCs). Residential MSCCs for benzene also are exceeded in soil at the site.

The soil quality data collected during the February 2002 UST closure indicate that additional soil and ground water assessment may be required. The results of a Preliminary Site Assessment that was completed URS Corporation (on behalf of NCDOT) in April 2001 indicated that there are water supply wells within 1,500 feet of the site.

#### V. Signature of Professional Engineer or Licensed Geologist



■ Licensed Geologist License #: 1175

Jerry Prosser, P.G.  
March 18, 2002

## VI. Enclosures

### A. Figures

1. Area Map(s) (can be USGS Topographic Quadrangle) showing: FIGURE 1
  - Adjacent streets, roads, highways with names and numbers
  - Buildings
  - Known distance to public water supply well(s)
  - Distance to known private water supply well(s)
  - Surface water bodies
  - Groundwater flow direction (if available)
  - Scale
  - North arrow
  
2. Site map of UST excavation area drawn to scale, showing: FIGURES 2 & 3
  - Buildings
  - Underground utilities such as sewer lines and other conduits
  - Orientation of UST(s), pumps, and product lines
  - Length, diameter and volume of USTs
  - Type of material(s) stored in USTs (currently and previously)
  - Sample locations (identified by letter or number)
  - Final limits of excavation
  - North arrow
  - Scale
  
3. Maps depicting analytical results, to include: FIGURES 2 & 3
  - Orientation of UST(s), pumps, and product lines
  - Sample locations, depths, and identifications
  - Analytical results
  - Final limits of excavation(s)

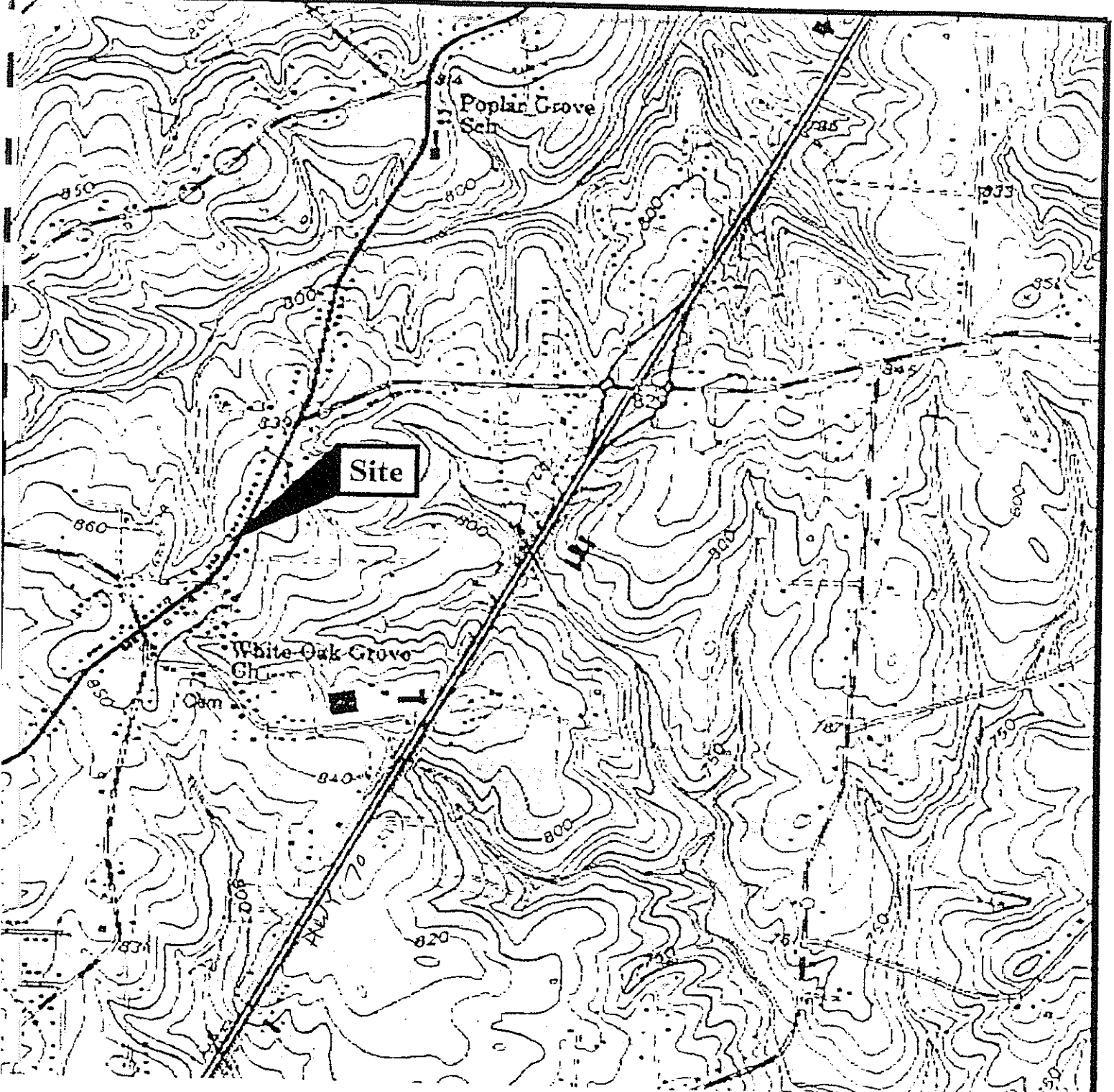
### B. Tables

1. Field screening results TABLE B-3
2. Sample identifications, depths and analyses TABLE B-3
3. Sample identifications with results and dates that samples were taken TABLE B-3
5. Ground water analytical results NONE
6. Ground water elevation data NONE

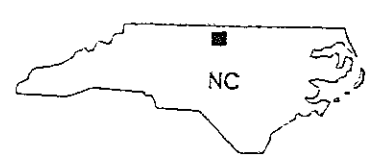
### C. Appendices

- Appendix A: Notification of intent to close (GW/UST-3) ATTACHED
- Appendix B: Site Investigation Report for Permanent Closure  
or Change-in-Service of UST (GW/UST-2) ATTACHED
- Appendix C: Certificate of Closure/In-Place Abandonment for USTs ATTACHED
- Appendix D: Soil, water, sludge disposal manifests ATTACHED
- Appendix E: Copy of all soil laboratory analytical records ATTACHED
- Appendix F: Copy of all ground water laboratory analytical records NOT APPLICABLE
- Appendix G: Site Sensitivity Evaluation (SSE) (if applicable) NOT APPLICABLE
- Appendix H: Photographs of Closure Activities (optional) NOT AVAILABLE
- Appendix I: Geologic logs for excavation(s) NOT AVAILABLE





References:  
 ROWNS SUMMIT, NC  
 N3607.5-W7937.5/7.5  
 1951  
 PHOTO REVISITED 1968  
 AS 5056 II NW-SERIES V842



QUADRANGLE LOCATION

**URS**  
 URS Corporation

CLIENT: NCDOT  
 LOCATION: Guilford County, NC

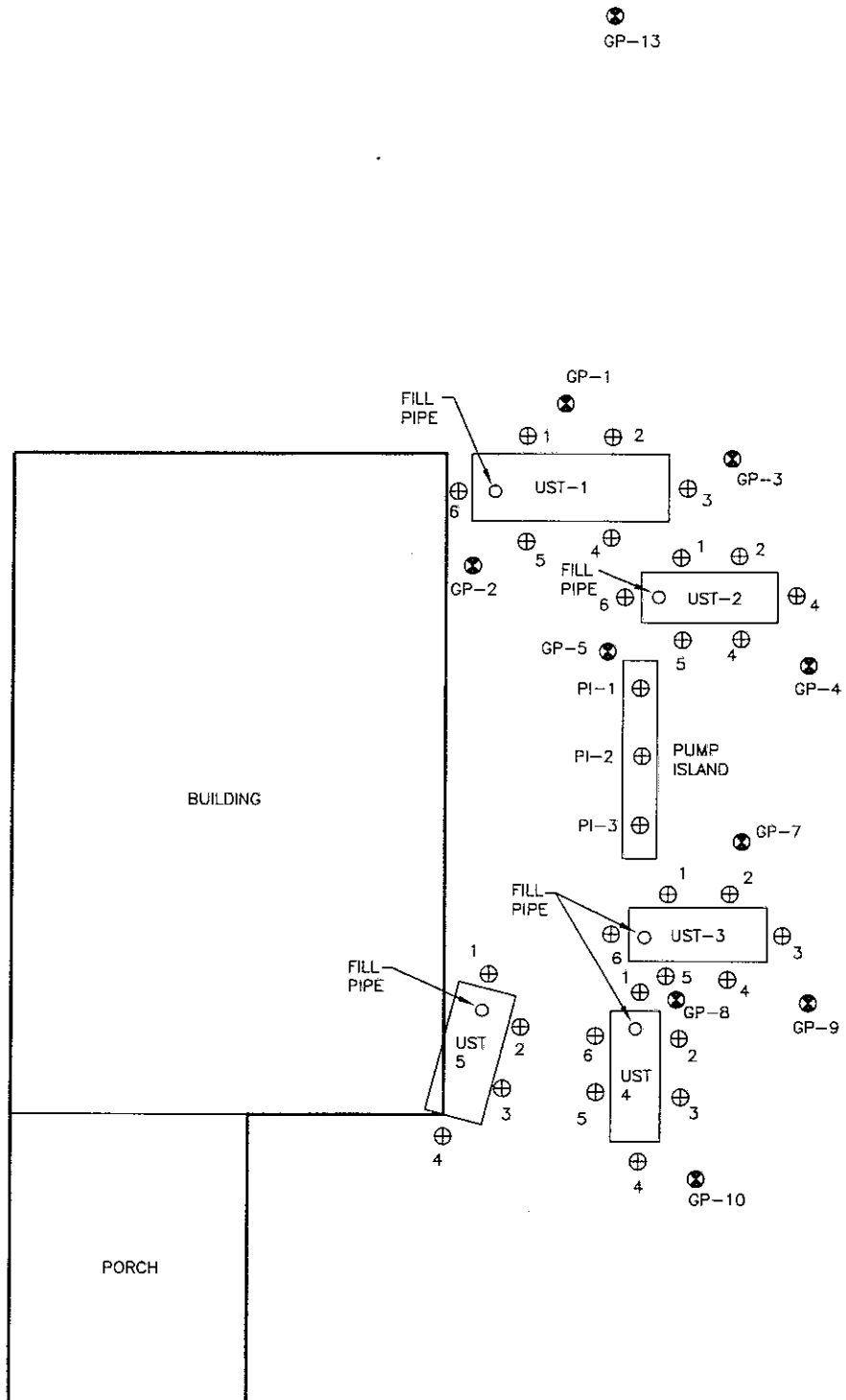
PROJECT No. DATE: MARCH 29, 2001  
 00055146.05 CHK'D. LKR

SCALE: 1" = 1000'

SITE LOCATION MAP

FIGURE: 1

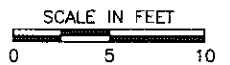
8292SSLOC.DWG 3/13/02 1=1 CH/TH



**LEGEND**

- ⊕ UST CLOSURE
- ⊕ PRELIMINARY SITE ASSESSMENT
- ⊗ SOIL SAMPLING (2/01 BY URS CORP.)

NOTE: GP-12 SAMPLE LOCATION NOT DEPICTED  
SEE URS DRAWING (FIGURE 3) FOR LOCATION.

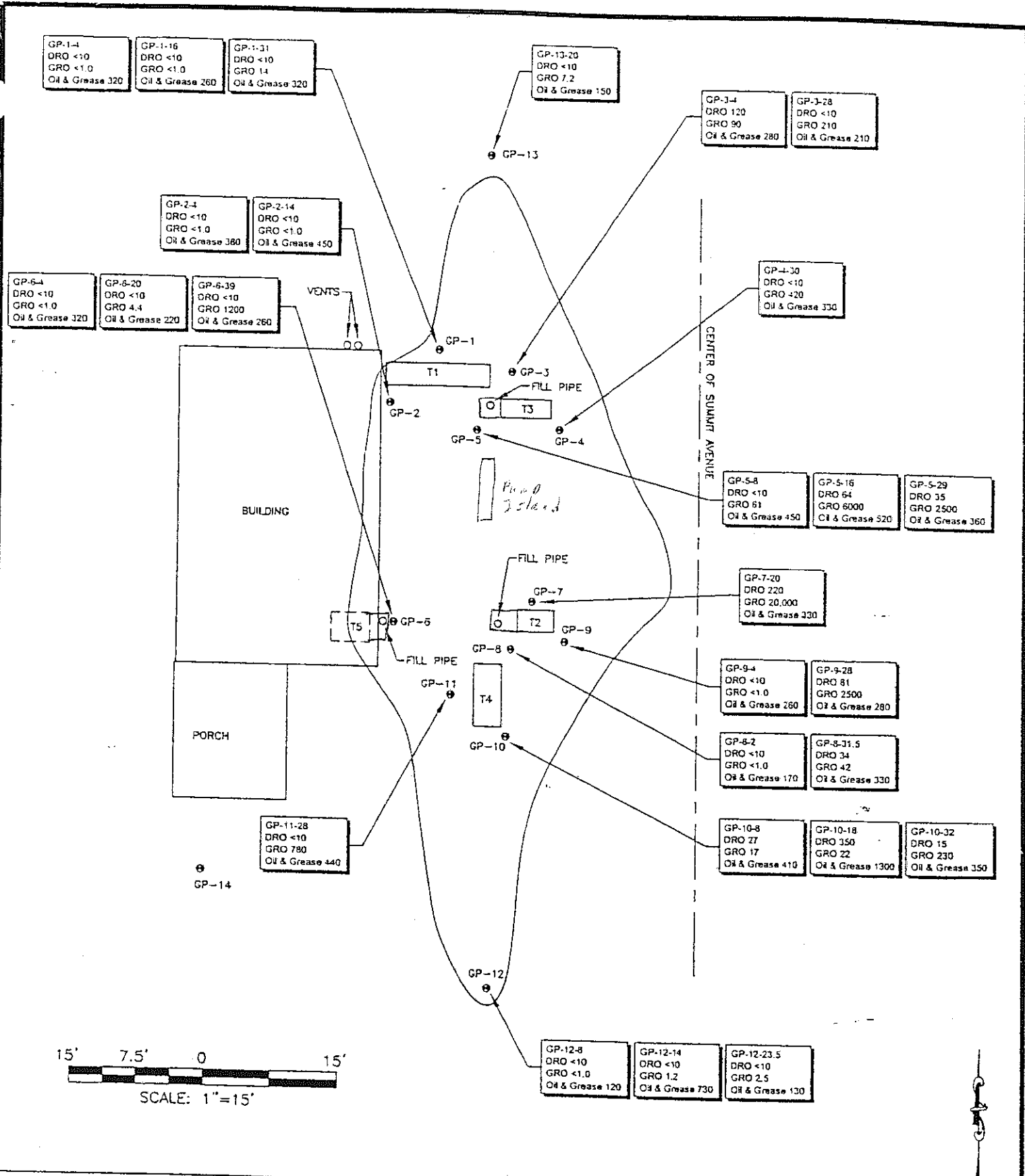


**Environmental Resources Management**

**SOIL SAMPLING LOCATION MAP**  
**FORMER EXXON 99GNC**  
**5005 SUMMIT AVE.**  
**GREENSBORO, NORTH CAROLINA**

FIGURE

**2**



**URS**  
URS Corporation

CLIENT: NCDOT  
LOCATION: Guilford County, NC

PROJECT No. 06-00055146.05  
DATE: MARCH 29, 2001  
CHK'D. LKR  
SCALE: AS SHOWN

EXTENT OF INVESTIGATION  
SOIL BORING LOCATIONS

FIGURE: 3

**TABLE B-1**

**SITE HISTORY**  
UST System Information

Facility I.D.: Not Available

Date: March 8, 2002 Incident Number and Name: Pending - EXXON 99 GNC

UST ID Number	Product	Capacity (gallons)	Date Installed	Date Permanently Closed, or Still in Use*	Was Release Associated with UST System? (Yes/No)
1	Gasoline / Diesel	1,100	1930's	February 22, 2002	
2	Gasoline / Diesel	560	1930's	February 22, 2002	
3	Gasoline / Diesel	560	1930's	February 22, 2002	
4	Gasoline / Diesel	560	1930's	February 22, 2002	
5	Gasoline / Diesel	560	1930's	February 22, 2002	

\* - Still in use means not permanently closed. FRP = Fiberglass reinforced plastic

**TABLE B-2**

**SITE HISTORY**

UST Owner/Operator Information (most recent first)

Facility I.D.: Not Available

Date: March 14, 2002 Incident Number and Name: Pending - 99 GNC

UST ID Number	Name of Owner or Operator	Dates of Ownership/Operation	Owner or Operator?
1,2,3,4,5	Mabel L. Chilton Estates	1930's 1960's	Owner & Operator
Address			Telephone Number
5005 Summit Ave. Greensboro, NC 27405 (770) 428-4236			770-428-4236

UST ID Number	Name of Owner or Operator	Dates of Ownership/Operation	Owner or Operator?
Address			Telephone Number

UST ID Number	Name of Owner or Operator	Dates of Ownership/Operation	Owner or Operator?
Address			Telephone Number

**TABLE B-3 SUMMARY OF SOIL SAMPLING RESULTS**

Date: 14-Mar-02 Incident Number and Name: Pending - EXXON 99 GNC Facility I.D.: Not Available

Analytical Method			Field Screening	TPH Method 8015/9071			EPA 8021B			
Sample ID	Date	Depth (ft. BGL)	VOCs - ppm (TLV)	Gasoline Range	Diesel Range	Oil ~ Grease	Benzene	Ethylbenzene	Toluene	Xylenes
<i>Preliminary Site Assessment</i>										
GP-1-4	2/9/2001	4	N/A	<1.0	<10	320	--	--	--	--
GP-1-16	2/9/2001	16	N/A	<1.0	<10	260	--	--	--	--
GP-1-31	2/9/2001	31	N/A	14	<10	320	--	--	--	--
GP-2-4	2/9/2001	4	N/A	<1.0	<10	380	--	--	--	--
GP-2-14	2/9/2001	14	N/A	<1.0	<10	450	--	--	--	--
GP-3-4	2/9/2001	4	N/A	90	120	280	--	--	--	--
GP-3-28	2/9/2001	28	N/A	210	<10	210	--	--	--	--
GP-4-30	2/9/2001	30	N/A	240	<10	330	--	--	--	--
GP-5-8	2/9/2001	8	N/A	61	<10	450	--	--	--	--
GP-5-16	2/9/2001	16	N/A	6,000	64	520	--	--	--	--
GP-5-29	2/9/2001	29	N/A	2,500	35	360	--	--	--	--
GP-6-4	2/9/2001	4	N/A	<1.0	<10	320	--	--	--	--
GP-6-20	2/9/2001	20	N/A	4.4	<10	220	--	--	--	--
GP-6-39	2/9/2001	39	N/A	1,200	<10	260	--	--	--	--
GP-7-20	2/9/2001	20	N/A	20,000	220	330	--	--	--	--
GP-8-2	2/9/2001	2	N/A	<1.0	<10	170	--	--	--	--
GP-8-31.5	2/9/2001	31.5	N/A	42	34	330	--	--	--	--
GP-9-4	2/9/2001	4	N/A	<1.0	<10	260	--	--	--	--
GP-9-28	2/9/2001	28	N/A	2,500	81	280	--	--	--	--
GP-10-8	2/9/2001	8	N/A	17	27	410	--	--	--	--
GP-10-18	2/9/2001	18	N/A	22	350	1,300	--	--	--	--
GP-10-32	2/9/2001	32	N/A	230	15	350	--	--	--	--
GP-11-28	2/9/2001	28	N/A	780	<10	440	--	--	--	--
GP-12-8	2/9/2001	8	N/A	<1.0	<10	120	--	--	--	--
GP-12-14	2/9/2001	14	N/A	1.2	<10	730	--	--	--	--
GP-12-23.5	2/9/2001	23.5	N/A	2.5	<10	130	--	--	--	--
GP-13-20	2/9/2001	20	N/A	7.2	<10	150	--	--	--	--
Soil-Groundwater MSCC				10	10	250	0.0056	0.24	7	5
Residential MSCC				NA	NA	250	22	1,560	782	32,000
Industrial/Commercial MSCC				NA	NA	NA	200	40,000	20,440	200,000

Results shown in bold exceed soil-groundwater MSCC  
 mg/kg=Milligrams/kilogram  
 Only detected compounds are shown in table

BGL = Below ground level  
 -- = Not analyzed  
 ND = Not detected  
 NE = Not established  
 N/A = Not Applicable

**TABLE B-3 SUMMARY OF SOIL SAMPLING RESULTS**

Date: 14-Mar-02 Incident Number and Name: Pending - EXXON 99 GNC Facility I.D.: Not Available

Analytical Method			Field Screening	TPH Method 8015/9071			EPA 8021B			
Sample ID	Date	Depth (ft. BGL)	VOCs - ppm (TLV)	Gasoline Range	Diesel Range	Oil ~ Grease	Benzene	Ethylbenzene	Toluene	Xylenes
<i>UST Field</i>										
UST 1-1	2/22/2002	7	40	< 6.26	<12.5	--	<0.0125	<0.0125	<0.0125	<0.0125
UST 1-2	2/22/2002	7	50	<6.87	<13.5	--	<0.0137	<0.0137	<0.0137	<0.0137
UST 1-3	2/22/2002	7	6,000	2,950	341	--	5.81	57.7	77.9	240
UST 1-4	2/22/2002	7	60	<7.02	<13.9	--	<0.0140	<0.0140	<0.0140	<0.0140
UST 1-5	2/22/2002	7	40	<6.66	<123.2	--	<0.0133	<0.0133	<0.0133	<0.0133
UST 1-6	2/22/2002	7	90	1,830	1,120	--	<1.17	17.6	2.58	141
UST 1-FP	2/22/2002	2	40	<6.43	<12.8	--	<0.0129	<0.0129	<0.0129	0.0308
UST 2-1	2/22/2002	7	>10,000	1,750	287	--	<1.35	30.6	17.9	161
UST 2-2	2/22/2002	7	6,000	<6.75	<13.3	--	0.0148	0.0297	0.0445	0.174
UST 2-3	2/22/2002	7	650	<6.31	<12.4	--	<0.0126	<0.0126	0.0126	<0.0126
UST 2-4	2/22/2002	7	4,000	92.9	33.6	--	<0.0144	1.34	0.501	6.31
UST 2-5	2/22/2002	7	>10,000	3,270	32.4	--	<1.41	59	47	236
UST 2-6	2/22/2002	7	>10,000	3,940	86.1	--	4.73	60.2	58.4	199
UST 2-FP	2/22/2002	2	0	<6.53	<13.0	--	<0.0131	<0.0131	0.0196	0.0601
UST 3-1	2/22/2002	7	>10,000	4,380	87.2	--	4.39	81.9	112	458
UST 3-2	2/22/2002	7	>10,000	144	<13.4	--	<0.135	2.75	1.11	19.2
UST 3-3	2/22/2002	7	>10,000	14,200	300	--	21.5	311	716	1,620
UST 3-4	2/22/2002	7	>10,000	8,900	38.9	--	29.4	169	544	959
UST 3-5	2/22/2002	7	5,000	4,940	54.7	--	9.76	109	170	481
UST 3-6	2/22/2002	7	>10,000	2,010	75.8	--	<1.57	45.6	62.9	296
UST 3-FP	2/22/2002	2	90	<6.35	<12.5	--	<0.0127	<0.0127	0.0178	0.0662
UST 4-1	2/22/2002	7	>10,000	<6400	11,100	--	20.5	92.2	319	626
UST 4-2	2/22/2002	7	>10,000	1,670	63.5	--	1.49	31.4	46.8	173
UST 4-3	2/22/2002	7	200	7.86	<14.4	--	0.441	0.0597	0.767	0.514
UST 4-4	2/22/2002	7	0	<6.23	<12.4	--	<0.0125	<0.0125	<0.0125	<0.0125
UST 4-5	2/22/2002	7	0	<6.90	17	--	<0.0138	<0.0138	<0.0138	<0.0138
UST 4-6	2/22/2002	7	0	<6.86	<13.6	--	<0.0137	<0.0137	<0.0137	<0.0137
UST 4-FP	2/22/2002	2	0	<5.93	27.4	--	<0.0119	<0.0119	<0.0119	<0.0119
UST 5-1	2/22/2002	7	300	<7.06	<14.0	--	<0.0141	<0.0141	<0.0141	<0.0141
UST 5-2	2/22/2002	7	70	<6.93	<13.8	--	<0.0139	<0.0139	<0.0139	<0.0139
UST 5-3	2/22/2002	7	80	<6.98	<14.0	--	<0.0140	<0.0140	<0.0140	<0.0140
UST 5-4	2/22/2002	7	100	<7.81	<15.6	--	<0.0156	<0.0156	<0.0156	<0.0156
UST 5-FP	2/22/2002	2	0	<6.58	<13.1	--	<0.0132	<0.0132	<0.0132	<0.0132
<i>Pump Islands</i>										
PI - 1	2/22/2002	2	30	<6.69	<13.3	--	<0.0134	<0.0134	<0.0134	<0.0134
PI - 2	2/22/2002	2	40	<6.39	<12.8	--	<0.0128	<0.0128	0.0217	<0.0128
PI - 2	2/22/2002	2	50	<6.57	<13.0	--	<0.0131	<0.0131	<0.0131	<0.0131
<i>Stock Pile</i>										
SP-1	2/22/2002	Comp.	NA	<5.47	24.8	--	<0.0109	<0.0109	<0.0109	<0.0109
Soil Stockpile Volume and Source (cubic yards)							Disposal Location			
5 Gas/diesel UST field gravel and soil							Disposal Pending			
5 cubic yards TOTAL										
Soil-Groundwater MSCC				10	10	250	0.0056	0.24	7	5
Residential MSCC				NA	NA	250	22	1,560	782	32,000
Industrial/Commercial MSCC				NA	NA	NA	200	40,000	20,440	200,000

Results shown in bold exceed soil-groundwater MSCC  
 mg/kg=Milligrams/kilogram  
 Only detected compounds are shown in table

BGL = Below ground level  
 -- = Not analyzed  
 FP= Fill Pipe  
 ND = Not detected  
 NE = Not established  
 N/A = Not Applicable

*Appendix A*  
*Notification of Intent to Close*

99-GNC

# UST-3 Notice of Intent: UST Permanent Closure or Change-in-Service

**FOR TANKS IN NC**

Return completed form to:  
The DWM Regional Office in the area the facility is located. SEE MAP ON THE BACK OF THIS FORM FOR REGIONAL OFFICE ADDRESSES.

STATE USE ONLY:  
I.D. Number: \_\_\_\_\_  
Date Received: \_\_\_\_\_

## INSTRUCTIONS

Complete and return at least five (5) working days prior to closure or change-in-service if a Professional Engineer (P.E.) or a Licensed Geologist (L.G.) provides supervision for closure or change-in service site assessment activities and signs and seals all closure reports. Otherwise, thirty (30) days notice is required.

### I. OWNERSHIP OF TANKS

Owner Name MARZ L. CHILTON ESTATE  
Corporation, Individual, Public Agency, or Other Entity  
Street Address 5005 SUMMIT AVE.  
City GREENSBORO County GUILFORD  
State NC Zip Code 27405  
Telephone Number: (770) 428-4236  
Area Code

### II. LOCATION

Facility Name MARZ L. CHILTON ESTATE  
Or Company  
Facility I.D. # (if known) \_\_\_\_\_  
Street Address or State Road 5009 SUMMIT AVE.  
City GREENSBORO County GUILFORD Zip Code 27405  
Telephone Number: (770) 428-4236  
Area Code

### III. CONTACT PERSONNEL

Name TOM UNKNOWN Job Title LICENSED GEOLOGIST Tel. No. (336) 767-7522

### IV. TANK REMOVAL, CLOSURE IN PLACE, CHANGE-IN SERVICE

- Contact local Fire Marshal.
  - Plan the entire closure event.
  - Conduct Site Soil Assessment.
  - If removing tanks or closing in place, refer to the API Publication 2015 *Cleaning Petroleum Storage Tanks and 1804 Removal and Disposal of Used Underground Petroleum Storage Tanks.*
  - Provide a sketch locating piping, tanks and soil sampling locations.
  - Submit a closure report in the format of UST-12 and include the form UST-2 within 30 days following the site investigation.
  - If a release from the tank(s) has occurred, the site assessment portion of the tank closure must be conducted
  - Keep closure records for 3 years.
- under the supervision of a P.E. or L.G., with all closure site assessment reports bearing signature and seal of the P.E. or L.G. If a release has not occurred, the supervision, signature, or seal of a P.E. or L.G. is not required.

### V. WORK TO BE PERFORMED BY

Contractor Name PIEDMONT INDUSTRIAL SERVICES, INC.  
Address 4211-B INDIANA AVE State NC Zip Code 27105  
Contact Person TODD SCOTT Tel. No. (336) 767-7522  
Primary Consultant ERM-SOUTH EAST Tel. No. (704) 541-8345

### VI. TANK(S) SCHEDULED FOR CLOSURE OR CHANGE-IN-SERVICE

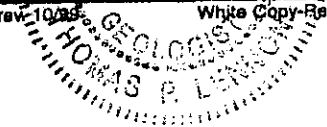
Tank ID#	Tank Capacity	Last Contents	Proposed Activity		
			Removal	Closure Abandonment in Place	Change-in-service New Contents Stored
T1	EST. 1500	UNKNOWN	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
T2	EST. 1000	UNKNOWN	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
T3	EST. 1000	UNKNOWN	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
T4	EST. 1000	UNKNOWN	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
T5	EST. 550	UNKNOWN	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

### OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE

I understand that I can be held responsible for environmental damage resulting from the improper disposal of my USTs. Read note on the back of this form before signing.  
Print name and official title

Signature: [Signature] L.G. Date Signed: 2/7/02 SCHEDULED REMOVAL DATE: 2/20/02 Notify your DWM Regional Office 48 hours before this date if scheduled removal date changes.

UST-3 rev-10/01 White Copy-Regional Office Yellow Copy-Central Office Pink Copy-Owner







7. Tanks which have been removed from the ground shall be properly removed from the premises to a proper facility. Tanks shall be labeled with legible letters at least two (2) inches high, similar to the following:

TANK HAS CONTAINED LEADED GASOLINE  
NOT VAPOR FREE  
NOT SUITABLE FOR STORAGE OF FOOD OR LIQUID  
INTENDED FOR HUMAN OR ANIMAL CONSUMPTION  
DATE OF REMOVAL : MONTH/DAY/YEAR  
PERMIT #

8. Tanks to be transported in accordance with all applicable local, state and federal regulations. Tank openings to be plugged or capped with one plug having a 1/8" inch vent hole to prevent the tank from being subjected to excessive differential pressure. Tanks to be secured on a truck or trailer for transportation to the storage or disposal site with the 1/8" inch vent hole located at the uppermost point on the tank.

9. Tank contractor shall complete and submit Guilford County Health Department form upon completion of removal or abandonment of tanks. Information submitted to be accurate and detailed. Health and Fire Copy mailed to Guilford County Emergency Services.

I understand and consent to the above stipulated conditions upon which this permit is granted. Failure to obtain permit and comply with regulation may render you liable to the penalties provided by law.

Applicant *[Signature]* Fire Inspector \_\_\_\_\_  
Date : 2/15/02  
Phone : (336) 767-7522 Permit #: \_\_\_\_\_  
Day  
(336) 591-1191 Granted: \_\_\_\_\_ Denied \_\_\_\_\_  
Night

PAGE 3

**ADDITIONS:**

1. Result of soil sample shall be sent to this office.
2. Please call this office the day before you plan to remove the tank.

*Appendix B*  
*Site Investigation Report for*  
*Permanent Closure*

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

**FOR TANKS IN  
NC**

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

STATE USE ONLY:  
I.D. Number: \_\_\_\_\_  
Date Received: \_\_\_\_\_

### I. Ownership of Tanks

Owner Name Mabel L. Chilton Estates  
Corporation, Individual, Public Agency, or Other Entity  
Street Address 5005 Summit Ave  
City Greensboro County Guilford  
State NC Zip Code 27405  
Telephone Number: (770) 428-4236  
Area Code

### II. Location of Tanks

Facility Name Former Exxon  
Or Company  
Facility I.D. # (if known) Not Available  
Street Address 5009 Summit Ave  
City Greensboro County Guilford Zip Code 27405  
Telephone Number: (770) 428-4236  
Area Code

### III. Contact Personnel

Name Jerry Prosser Job Title Licensed Geologist Tel. No. 704-541-8345  
Closure Contractor PIE Address 4211-B Indiana Ave Tel. No. 336-763-7522  
Primary Consultant ERM NC Address 7300 Carmel Es. PE Suite 200 Tel. No. 704-541-8345  
Lab Test America Address 2910 Foster Creighton Nashville, TN Tel. No. 615-726-0177

### IV. UST Information

Tank No.	Size in Gallons	Tank Dimensions	Last Contents	Water in Excavation		Free Product		Notable Odor or Visible Soil Contamination	
				Yes	No	Yes	No	Yes	No
1	1,100	4 x 12	unknown	N/A		X		X	
2	560	3 x 8	unknown	N/A			X	X	
3	560	3 x 8	unknown	N/A			X	X	
4	560	3 x 8	unknown	N/A		X		X	
5	560	3 x 8	unknown	N/A			X	X	

### V. Excavation Condition

### VI. Additional Information Required

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

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

### VII. Check List (Check the Activities Completed)

#### PERMANENT CLOSURE

(For removing or Abandoning-in-place)

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

Date Tank(s) Permanently closed: 2-22-02

Date of Change-in-Service: 2-22-02

#### ABANDONMENT IN PLACE

- Fill tank until material overflows tank opening.
- Plug or cap all openings.
- Disconnect and cap or remove vent line.
- Solid inert material used—specify \_\_\_\_\_

Core Fill 500

#### REMOVAL

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

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

Print name and official title of owner or owner's authorized representative

Jerry Prosser

Signature

[Signature]

Date Signed

3/18/02

*Appendix C*  
*Certification of Closure/ In-Place*  
*Abandonment For USTs*

# SALEM ENVIRONMENTAL

## CERTIFICATION OF CLOSURE/IN-PLACE ABANDONMENT FOR UNDERGROUND STORAGE TANKS

**DATE:** February 25th, 2002

**LOCATION:** Country Consignment (Estate of Mabel Chilton), 5009 Summit Ave., Greensboro, Guilford Co., NC 27405

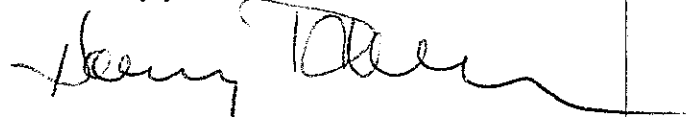
**USTs CLOSED:** 4 – 550 gallon & 1 – 1,100 gallon

On the above date, underground storage tanks (USTs) were abandoned in-place at the above site by inert, solidifying nitrogen-resin foam fill manufactured by Tailored Chemical Products, Inc., of Hickory, North Carolina. Salem Environmental is an approved installer of the Tailored Foam system, having over twelve years experience on over a thousand sites; Salem also retains full pollution and general liability coverage. All personnel are medically monitored and OSHA Section 1910 trained. MSDS sheets and other relevant product data is on file at our office and available upon request.

The closure process removes all residues to <1" by vacuum truck or submersible pump when such remain; these are disposed at a permitted facility. Liquid foam is pumped into the UST until the vessel is full. It cures into an inert solid within 24-48 hours. Fill and vent lines are removed or sheared to below ground level, and both openings are grouted with concrete mix. Our process is in accordance with all applicable provisions of 40 CFR 280, Subpart G, and adheres to FHA protocol and guidelines.

The UST owner and/or the general contractor initiated this process and accept our work without recourse. Neither party requested an environmental assessment before closure.

Sincerely yours,



Harvey C. Danher, Jr.  
President

5009\_summit\_GSO\_piedind.doc

*Appendix D*  
*Soil, Water, Sludge Disposal*  
*Manifests*





P.O. Box 16590 • GREENSBORO, NC 27416-0590 • (336) 273-2718

# MATERIAL MANIFEST

MANIFEST#                     

F.S.E. JOB #                     

Date: \_\_\_\_\_

Generator: \_\_\_\_\_

Phone No: \_\_\_\_\_

EPA ID No: \_\_\_\_\_

**Process which generated material:**

I certify that the materials described below are properly classified, packaged, marked & labeled, and are in the proper condition to be transported as specified by the Department of Transportation. I certify that the material described below is not a hazardous waste in accordance with the Environmental Protection Agency. I certify that the specific material was delivered to the carrier named below for transport to the facility indicated.

Date \_\_\_\_\_ Signature \_\_\_\_\_

HM	PROPER SHIPPING NAME AS LISTED ON 172.101 TABLE	HAZ CLASS	DOT I.D. NUMBER	PG GROUP	QUANTITY	CIRCLE UNIT			CONTAINER		ERG. NO.
						Gals.	Pounds	Tons	Cu. Yds.	NO.	
				I II III						TT DT CM DM DF	

## FOUR SEASONS ENVIRONMENTAL USE ONLY

DESCRIPTION OF MATERIAL		CIRCLE FORM	AMOUNT SOLIDS		AMOUNT LIQUIDS	
			GALLONS	TONS	NO. DRUMS	GALLONS
		SOLID				
		LIQUID				
		SLUDGE				

## FACILITY USE ONLY

Transporter: Four Seasons Environmental, Inc.  
3107 S. Elm-Eugene Street  
Greensboro, NC 27406

Unit Number (s) \_\_\_\_\_  
Phone No.: (336) 273-2718  
EPA ID No: NCD991277732

Vehicle License Tag Number (s)                     

Container:                     

**Transporter Certification:**

I certify that the specified material was transferred in a registered (licensed) vehicle to the facility named and was accepted.

Pick-up Driver's Signature \_\_\_\_\_ Date \_\_\_\_\_

Delivering Driver's Signature \_\_\_\_\_ Date \_\_\_\_\_

Facility: Four Seasons Environmental, Inc.  
519 Patton Avenue  
Greensboro, NC 27406

Phone No.: (336) 273-2718  
Contact: \_\_\_\_\_

Handling Method:                     

**Facility Certification:**

I certify that the transporter above delivered the specified material to this facility and was handled in the above listed handling method. We authorize and qualified by the State of \_\_\_\_\_ to handle this material.

Date \_\_\_\_\_ Signature \_\_\_\_\_

*Appendix E*  
*Soil Laboratory Analytical Data*  
*Sheets*

# TestAmerica

INCORPORATED

Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204

Phone: 615-726-0177  
Fax: 615-726-3404

273181  
28775-28791

To assist us in using the proper analytical methods,  
is this work being conducted for regulatory purposes?  
Compliance Monitoring

Client Name: ERM, Inc. Client #: 48292

Address: 7300 Carmel Exec. Park

City/State/Zip Code: Charlotte, NC 28226

Project Manager: Jerry Prosser

Telephone Number: 704-541-8345 Fax: 704-541-8416

Sampler Name: (Print Name) Ruth Beagly

Sampler Signature: [Signature]

Project Name: 99 GNC RB

Project #: 48292

Site/Location ID: Summit Adu State: NC

Report To: Jerry Prosser

Invoice To: ERM, Inc

Quote #: 48292 PO#: 48292

TAX Standard Rush (surcharges may apply)	Date Needed: Y N	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix Preservation & # of Containers					Analyze For:	REMARKS	QC Deliverables
						SL - Sludge DW - Drinking Water	GW - Groundwater S - Soil/Solid	MW - Wastewater Specify Other	HNO <sub>3</sub>	HCl			
		2-21	1430	G								28755	6.5-7 ft
			1515	G								28756	
			1500	G								757	
			1520	G								758	
			1530	G								759	
			1540	G								760	
		2/22	1015	G								761	(1.5-2.0 ft)
			1145	G								762	6.5-7 ft
			1130	G								763	
			1121	G								764	

Special instructions:  
Bill ERM not Exxon

Relinquished By: <u>[Signature]</u>	Date: <u>2/22</u> Time: <u>1600</u>	Received By:	Date: _____ Time: _____
Relinquished By:	Date: _____ Time: _____	Received By:	Date: _____ Time: _____
Relinquished By:	Date: _____ Time: _____	Received By: <u>[Signature]</u>	Date: <u>2/23</u> Time: <u>9:00</u>

LABORATORY COMMENTS:  
Init Lab Temp:  
Rec Lab Temp:  
Custody Seals: Y N N/A  
Bottles Supplied by Test America: Y N  
Method of Shipment:

2/22/02

61-101  
28755-28791

Client Name: ERM, Inc Client #: 48292  
 Address: 7300 Camel Exec. Park Ste 200  
 City/State/Zip Code: Charlotte, NC 28226  
 Project Manager: Jerry Prosser  
 Telephone Number: 704-541-8345 Fax: 704-541-8345  
 Sampler Name: (Print Name) Rhett Baggett  
 Sampler Signature: [Signature]  
 Project Name: 99GNC  
 Project #: 48292  
 Site/Location ID: Greensboro State: NC  
 Report To: Jerry Prosser  
 Invoice To: ERM  
 Quote #: 48292

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix Preservation & # of Containers						Analyze For	REMARKS	QC Deliverables				
					SL - Sludge DW - Drinking Water	GW - Groundwater S - Soil/Solid	MW - Wastewater Specify Other	HNO <sub>3</sub>	HCl	NaOH				H <sub>2</sub> SO <sub>4</sub>	Methanol	None	Other (Specify # Containers)
UST-2-4	2/22	1155	G										28	765	6.5 - 7 ft	Level 2 (Batch QC)	
UST 2-5		1055	G											766			
UST 2-6		1135	G											767			
UST 2-EP		1020	G											768			
UST 3-1		0950	G											769			
UST 3-2		0955	G											770			
UST 3-3		1010	G											771			
UST 3-4		1015	G											772			
UST 3-5		1025	G											773			
UST 3-6		0940	G											774			

Special Instructions: Bill ERM Not Exxon

LABORATORY COMMENTS:  
 Init Lab Temp: \_\_\_\_\_  
 Rec Lab Temp: \_\_\_\_\_  
 Custody Seals: Y N N/A  
 Bottles Supplied by Test America: Y N  
 Method of Shipment: \_\_\_\_\_

2/22/02

Relinquished By: [Signature] Date: 2/22 Time: 1600 Received By: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received By: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received By: [Signature]

# TestAmerica

INCORPORATED

Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204

Phone: 615-726-0177  
Fax: 615-726-3404

273181  
28755-28791

To assist us in using the proper analytical methods,  
is this work being conducted for regulatory purposes?  
Compliance Monitoring

Client Name: ERM Inc Client #: 48292  
Address: 7300 Carmel Exec Park, Ste 200  
City/State/Zip Code: Charlotte, NC 28226  
Project Manager: Jerry Prosser  
Telephone Number: 704-541-8545 Fax: 704-541-8416  
Sampler Name: (Print Name) Ruth Baggett  
Sampler Signature: [Signature]

Project Name: 99 GNC  
Project #: 48292  
Site/Location ID: 6000000000 State: NC  
Report To: Jerry Prosser  
Invoice To: ERM

Quote #: 48292 PO#: 48292

TAX Standard Rush (surcharges may apply)	Date Needed:	Fax Results: Y N	SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: Preservation & # of Containers						Analyze For:	REMARKS	QC Deliverables
								SL - Sludge DW - Drinking Water	GW - Groundwater S - Soil/Solid	VW - Wastewater Specify Other	HNO <sub>3</sub>	HCl	NaOH			
			UST 3-FP	2/22	1045 G											
			UST 4-1		1245 G											28 725 1.5-2.0 ft
			UST 4-2		1255 G											726 6.5-7.0 ft
			UST 4-3		1300 G											771
			UST 4-4		1316 G											778
			UST 4-5		1320 G											779
			UST 4-6		1330 G											780
			UST 4-FP		1650 G											781
			UST 5-1		1230 G											782 1.5-2.0 ft
			UST 5-2		0910 G											783 6.5-7.0 ft
Special Instructions: <u>No Not Bill Exxon, Bill ERM</u>																

LABORATORY COMMENTS: 2/22/02

Init Lab Temp: \_\_\_\_\_  
Rec Lab Temp: \_\_\_\_\_  
Custody Seals: Y N N/A  
Bottles Supplied by Test America: Y N

Method of Shipment: \_\_\_\_\_

Relinquished By: <u>[Signature]</u>	Date: <u>2/22</u>	Time: <u>1600</u>	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By: <u>[Signature]</u>	Date: <u>3/23</u>	Time: <u>9:15</u>

# TestAmerica

INCORPORATED

Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204

Phone: 615-726-0177  
Fax: 615-726-3404

273181  
28755-28791

To assist us in using the proper analytical methods,  
is this work being conducted for regulatory purposes?  
Compliance Monitoring

Client Name: ERM Inc Client #: 48292  
Address: 1300 Carmel Exec. Park, Ste 200  
City/State/Zip Code: Charlotte, NC 28226  
Project Manager: Jerry Prosser  
Telephone Number: 704-541-8345 Fax: 704-541-8416  
Sampler Name: (Print Name) Beth Baggett  
Sampler Signature: [Signature]

Project Name: 996NC  
Project #: 48292  
Site/Location ID: Greensboro, NC State: NC  
Report To: Jerry Prosser  
Invoice To: ERM  
Quote #: 48292

SAMPLE ID	Date Sampled	Time Sampled	Matrix	Preservation & # of Containers							Other (Specify # of Cont.)	REMARKS	QC Deliverables				
				SL - Sludge	DW - Drinking Water	GW - Groundwater	S - Soil/Solid	MW - Wastewater	Specify Other	HNO <sub>3</sub>				HCl	NaOH	H <sub>2</sub> SO <sub>4</sub>	Methanol
UST 5-3	2/22	0920 G	Field Filtered									X	2	28	785	6.5-7 ft	Level 2 (Batch QC)
UST 5-4		0930 G										X	2		786	6.5-7 ft	Level 2 (Batch QC)
UST 5-FP		1040 G										X	2		787	1.5-2 ft	Level 2 (Batch QC)
SP-1		1150 G										X	3		788	6 grab	Level 2 (Batch QC)
PI-1		1110 G										X	2		789	1.5-2 ft	Level 2 (Batch QC)
PI-2		1115 G										X	2		790		Level 2 (Batch QC)
PI-3		1125 G										X	2		791		Level 2 (Batch QC)

Special Instructions: Bill ERM / Not Exxon

LABORATORY COMMENTS:  
Init Lab Temp: \_\_\_\_\_  
Rec Lab Temp: \_\_\_\_\_  
Custody Seals: Y N N/A  
Bottles Supplied by TestAmerica: Y N

Method of Shipment: \_\_\_\_\_

Relinquished By: [Signature] Date: 2/22/02 Time: 1600  
Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Relinquished By: \_\_\_\_\_ Date: 7/23 Time: 9:00  
Received By: Cony Date: \_\_\_\_\_ Time: \_\_\_\_\_

# TestAmerica

INCORPORATED

3/ 2/02

ERM - SOUTHEAST, INC. 6207  
JERRY PROSSER  
7300 CARMEL EXEC. PARK, STE220  
CHARLOTTE, NC 28226

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project 48292 99 GNC. The Laboratory Project number is 273181. An executed copy of the chain of custody and the sample receipt form are also included as an addendum to this report.

Page 1

Sample Identification	Lab Number	Collection Date
UST 1-1	02-A28755	2/21/02
UST 1-2	02-A28756	2/21/02
UST 1-3	02-A28757	2/21/02
UST 1-4	02-A28758	2/21/02
UST 1-5	02-A28759	2/21/02
UST 1-6	02-A28760	2/21/02
UST 1-FP	02-A28761	2/22/02
UST 2-1	02-A28762	2/22/02
UST 2-2	02-A28763	2/22/02
UST 2-3	02-A28764	2/22/02
UST 2-4	02-A28765	2/22/02
UST 2-5	02-A28766	2/22/02
UST 2-6	02-A28767	2/22/02
UST 2-FP	02-A28768	2/22/02
UST 3-1	02-A28769	2/22/02
UST 3-2	02-A28770	2/22/02
UST 3-3	02-A28771	2/22/02
UST 3-4	02-A28772	2/22/02
UST 3-5	02-A28773	2/22/02
UST 3-6	02-A28774	2/22/02
UST 3-FP	02-A28775	2/22/02
UST 4-1	02-A28776	2/22/02
UST 4-2	02-A28777	2/22/02
UST 4-3	02-A28778	2/22/02
UST 4-4	02-A28779	2/22/02
UST 4-5	02-A28780	2/22/02
UST 4-6	02-A28781	2/22/02
UST 4-FP	02-A28782	2/22/02
UST 5-1	02-A28783	2/22/02

# TestAmerica

INCORPORATED

Page 2

Sample Identification	Lab Number	Collection Date
UST 5-2	02-A28784	2/22/02
UST 5-3	02-A28785	2/22/02
UST 5-4	02-A28786	2/22/02
UST 5-FP	02-A28787	2/22/02
SP-1	02-A28788	2/22/02
PI-1	02-A28789	2/22/02
PI-2	02-A28790	2/22/02
PI-3	02-A28791	2/22/02

These results relate only to the items tested.

This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By: Michael H. Dunn

Report Date: 3/ 2/02

Paul E. Lane, Jr., Lab Director  
Michael H. Dunn, M.S., Technical Director  
Johnny A. Mitchell, Dir. Technical Serv.  
Eric S. Smith, Assistant Technical Director  
Jennifer P. Flynn, Technical Services

Gail A. Lage, Technical Serv.  
Glenn L. Norton, Technical Serv.  
Kelly S. Comstock, Technical Serv.  
Pamela A. Langford, Technical Serv.

Laboratory Certification Number: 387



## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28755  
 Sample ID: UST 1-1  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/21/02  
 Time Collected: 14:30  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report	Dil	Analysis		Analyst	Method	Batch
			Limit		Factor	Date			
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	79.9	%		1	2/28/02	18:30	J. Tyree	CLP	4389
*ORGANIC PARAMETERS*									
Benzene	ND	mg/kg	0.0125	1	3/ 1/02	12:28	D. Otero	8021B	5157
Ethylbenzene	ND	mg/kg	0.0125	1	3/ 1/02	12:28	D. Otero	8021B	5157
Toluene	ND	mg/kg	0.0125	1	3/ 1/02	12:28	D. Otero	8021B	5157
Xylenes, total	ND	mg/kg	0.0125	1	3/ 1/02	12:28	D. Otero	8021B	5157
TPH (Gasoline Range)	ND	mg/kg	6.26	1	3/ 1/02	12:28	D. Otero	8015B	5157
TPH (Diesel Range)	ND	mg/kg	12.5	1	2/28/02	17:20	K. Phelps	8015B	7774

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.1 gm	1.0 ml	2/27/02		D. Harris	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	80.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28755  
Sample ID: UST 1-1  
Project: 48292  
Page 2

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Surrogate -----	% Recovery -----	Target Range -----
EPH surr-o-Terphenyl	86.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28756  
 Sample ID: UST 1-2  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/21/02  
 Time Collected: 15:15  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	72.8	%		1	2/28/02	18:30	J.Tyree	CLP	4389
*ORGANIC PARAMETERS*									
Benzene	ND	mg/kg	0.0137	1	3/ 1/02	13:03	D. Otero	8021B	5157
Ethylbenzene	ND	mg/kg	0.0137	1	3/ 1/02	13:03	D. Otero	8021B	5157
Toluene	ND	mg/kg	0.0137	1	3/ 1/02	13:03	D. Otero	8021B	5157
Xylenes, total	ND	mg/kg	0.0137	1	3/ 1/02	13:03	D. Otero	8021B	5157
TPH (Gasoline Range)	ND	mg/kg	6.87	1	3/ 1/02	13:03	D. Otero	8015B	5157
TPH (Diesel Range)	ND	mg/kg	13.5	1	2/28/02	17:31	K.Phelps	8015B	7774

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.5 gm	1.0 ml	2/27/02		D. Harris	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	80.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28756  
Sample ID: UST 1-2  
Project: 48292  
Page 2

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Surrogate	% Recovery	Target Range
-----	-----	-----
EPH surr-o-Terphenyl	74.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: O2-A28757  
 Sample ID: UST 1-3  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/21/02  
 Time Collected: 15:00  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	77.5	%		1	2/28/02	18:30	J.Tyree	CLP	4389
*ORGANIC PARAMETERS*									
Benzene	5.81	mg/kg	1.29	100	3/ 1/02	22:29	S. Davis	8021B	9699
Ethylbenzene	57.7	mg/kg	1.29	100	3/ 1/02	22:29	S. Davis	8021B	9699
Toluene	77.9	mg/kg	1.29	100	3/ 1/02	22:29	S. Davis	8021B	9699
Xylenes, total	240.	mg/kg	1.29	100	3/ 1/02	22:29	S. Davis	8021B	9699
TPH (Gasoline Range)	2950	mg/kg	645.	100	3/ 1/02	22:29	S. Davis	8015B	9699
TPH (Diesel Range)	341.	mg/kg	127.	10	2/28/02	23:10	K.Phelps	8015B	7774

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.4 gm	1.0 ml	2/27/02		D. Harris	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	103.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28757  
Sample ID: UST 1-3  
Project: 48292  
Page 2

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

TRPH d surrogate was diluted out due to sample matrix.

End of Sample Report.

## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28758  
 Sample ID: UST 1-4  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/21/02  
 Time Collected: 15:20  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	71.2	%		1	2/28/02	18:30	J.Tyree	CLP	4389
*ORGANIC PARAMETERS*									
Benzene	ND	mg/kg	0.0140	1	2/28/02	18:08	S. Davis	8021B	5159
Ethylbenzene	ND	mg/kg	0.0140	1	2/28/02	18:08	S. Davis	8021B	5159
Toluene	ND	mg/kg	0.0140	1	2/28/02	18:08	S. Davis	8021B	5159
Xylenes, total	ND	mg/kg	0.0140	1	2/28/02	18:08	S. Davis	8021B	5159
TPH (Gasoline Range)	ND	mg/kg	7.02	1	2/28/02	18:08	S. Davis	8015B	5159
TPH (Diesel Range)	ND	mg/kg	13.9	1	2/28/02	18:05	K.Phelps	8015B	7774

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.3 gm	1.0 ml	2/27/02		D. Harris	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	87.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28758  
Sample ID: UST 1-4  
Project: 48292  
Page 2

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Surrogate -----	% Recovery -----	Target Range -----
EPH surr-o-Terphenyl	77.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.



## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28759  
 Sample ID: UST 1-5  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/21/02  
 Time Collected: 15:30  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	75.1	%		1	2/28/02	18:30	J.Tyree	CLP	4389
*ORGANIC PARAMETERS*									
Benzene	ND	mg/kg	0.0133	1	2/28/02	18:43	S. Davis	8021B	5159
Ethylbenzene	ND	mg/kg	0.0133	1	2/28/02	18:43	S. Davis	8021B	5159
Toluene	ND	mg/kg	0.0133	1	2/28/02	18:43	S. Davis	8021B	5159
Xylenes, total	ND	mg/kg	0.0133	1	2/28/02	18:43	S. Davis	8021B	5159
TPH (Gasoline Range)	ND	mg/kg	6.66	1	2/28/02	18:43	S. Davis	8015B	5159
TPH (Diesel Range)	ND	mg/kg	13.2	1	2/28/02	18:16	K.Phelps	8015B	7774

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.2 gm	1.0 ml	2/27/02		D. Harris	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	87.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28759  
Sample ID: UST 1-5  
Project: 48292  
Page 2

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Surrogate -----	% Recovery -----	Target Range -----
EPH surr-o-Terphenyl	79.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28760  
 Sample ID: UST 1-6  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/21/02  
 Time Collected: 15:40  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	85.3	%		1	2/28/02	18:30	J.Tyree	CLP	4389
*ORGANIC PARAMETERS*									
Benzene	ND	mg/kg	1.17	100	3/ 1/02	11:19	S. Davis	8021B	5159
Ethylbenzene	17.6	mg/kg	1.17	100	3/ 1/02	11:19	S. Davis	8021B	5159
Toluene	2.58	mg/kg	1.17	100	3/ 1/02	11:19	S. Davis	8021B	5159
Xylenes, total	141.	mg/kg	1.17	100	3/ 1/02	11:19	S. Davis	8021B	5159
TPH (Gasoline Range)	1830	mg/kg	586.	100	3/ 1/02	11:19	S. Davis	8015B	5159
TPH (Diesel Range)	1120	mg/kg	234.	20	3/ 1/02	10:49	K.Phelps	8015B	7774

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.0 gm	1.0 ml	2/27/02		D. Harris	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	90.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28760  
Sample ID: UST 1-6  
Project: 48292  
Page 2

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

TRPH d surrogate was diluted out due to sample matrix.

End of Sample Report.

## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28761  
 Sample ID: UST 1-FP  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 10:15  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	77.8	%		1	2/28/02	18:30	J.Tyree	CLP	4389
*ORGANIC PARAMETERS*									
Benzene	ND	mg/kg	0.0129	1	2/28/02	19:53	S. Davis	8021B	5159
Ethylbenzene	ND	mg/kg	0.0129	1	2/28/02	19:53	S. Davis	8021B	5159
Toluene	ND	mg/kg	0.0129	1	2/28/02	19:53	S. Davis	8021B	5159
Xylenes, total	0.0308	mg/kg	0.0129	1	2/28/02	19:53	S. Davis	8021B	5159
TPH (Gasoline Range)	ND	mg/kg	6.43	1	2/28/02	19:53	S. Davis	8015B	5159
TPH (Diesel Range)	ND	mg/kg	12.8	1	3/ 1/02	19:44	D.Haywood	8015B	9138

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.2 gm	1.0 ml	3/ 1/02		D. Harris	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	87.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28761  
Sample ID: UST 1-FP  
Project: 48292  
Page 2

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Surrogate -----	% Recovery -----	Target Range -----
EPH surr-o-Terphenyl	85.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28762  
 Sample ID: UST 2-1  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 11:45  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	74.1	%		1	2/28/02	18:30	J.Tyree	CLP	4389
*ORGANIC PARAMETERS*									
Benzene	ND	mg/kg	1.35	100	3/ 1/02	11:58	S. Davis	8021B	5159
Ethylbenzene	30.6	mg/kg	1.35	100	3/ 1/02	11:58	S. Davis	8021B	5159
Toluene	17.9	mg/kg	1.35	100	3/ 1/02	11:58	S. Davis	8021B	5159
Xylenes, total	161.	mg/kg	1.35	100	3/ 1/02	11:58	S. Davis	8021B	5159
TPH (Gasoline Range)	1750	mg/kg	675.	100	3/ 1/02	11:58	S. Davis	8015B	5159
TPH (Diesel Range)	287.	mg/kg	135.	10	3/ 1/02	14:11	K.Phelps	8015B	7774

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	24.9 gm	1.0 ml	2/27/02		D. Harris	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	93.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28762  
Sample ID: UST 2-1  
Project: 48292  
Page 2

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

TRPH d surrogate was diluted out due to sample matrix.

End of Sample Report.



## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28763  
 Sample ID: UST 2-2  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 11:30  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	74.1	%		1	2/28/02	18:30	J.Tyree	CLP	4389
*ORGANIC PARAMETERS*									
Benzene	0.0148	mg/kg	0.0135	1	2/28/02	21:02	S. Davis	8021B	5159
Ethylbenzene	0.0297	mg/kg	0.0135	1	2/28/02	21:02	S. Davis	8021B	5159
Toluene	0.0445	mg/kg	0.0135	1	2/28/02	21:02	S. Davis	8021B	5159
Xylenes, total	0.174	mg/kg	0.0135	1	2/28/02	21:02	S. Davis	8021B	5159
TPH (Gasoline Range)	ND	mg/kg	6.75	1	2/28/02	21:02	S. Davis	8015B	5159
TPH (Diesel Range)	ND	mg/kg	13.3	1	2/28/02	19:01	K.Phelps	8015B	7774

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.3 gm	1.0 ml	2/27/02		D. Harris	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	87.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28763  
Sample ID: UST 2-2  
Project: 48292  
Page 2

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Surrogate	% Recovery	Target Range
-----	-----	-----
EPH surr-o-Terphenyl	86.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28764  
 Sample ID: UST 2-3  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 11:21  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	79.2	%		1	2/28/02	18:30	J.Tyree	CLP	4389
*ORGANIC PARAMETERS*									
Benzene	ND	mg/kg	0.0126	1	2/28/02	21:37	S. Davis	8021B	5159
Ethylbenzene	ND	mg/kg	0.0126	1	2/28/02	21:37	S. Davis	8021B	5159
Toluene	0.0126	mg/kg	0.0126	1	2/28/02	21:37	S. Davis	8021B	5159
Xylenes, total	ND	mg/kg	0.0126	1	2/28/02	21:37	S. Davis	8021B	5159
TPH (Gasoline Range)	ND	mg/kg	6.31	1	2/28/02	21:37	S. Davis	8015B	5159
TPH (Diesel Range)	ND	mg/kg	12.4	1	2/28/02	19:13	K.Phelps	8015B	7774

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.4 gm	1.0 ml	2/27/02		D. Harris	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	87.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28764  
Sample ID: UST 2-3  
Project: 48292  
Page 2

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Surrogate -----	% Recovery -----	Target Range -----
EPH surr-o-Terphenyl	89.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28765  
 Sample ID: UST 2-4  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 11:05  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	69.3	%		1	2/28/02	18:30	J.Tyree	CLP	4389
*ORGANIC PARAMETERS*									
Benzene	ND	mg/kg	0.0144	1	2/28/02	22:13	S. Davis	8021B	5159
Ethylbenzene	1.34	mg/kg	0.0144	1	2/28/02	22:13	S. Davis	8021B	5159
Toluene	0.501	mg/kg	0.0144	1	2/28/02	22:13	S. Davis	8021B	5159
Xylenes, total	6.31	mg/kg	0.144	10	3/ 1/02	12:33	S. Davis	8021B	9835
TPH (Gasoline Range)	92.9	mg/kg	7.22	1	2/28/02	22:13	S. Davis	8015B	5159
TPH (Diesel Range)	33.6	mg/kg	14.4	1	3/ 2/02	9:55	D.Haywood	8015B	9746

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.1 gm	1.0 ml	2/28/02		D.Yeager	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	87.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28765  
Sample ID: UST 2-4  
Project: 48292  
Page 2

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Surrogate -----	% Recovery -----	Target Range -----
EPH surr-o-Terphenyl	91.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28766  
 Sample ID: UST 2-5  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 10:55  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	70.7	%		1	2/28/02	18:30	J.Tyree	CLP	4389
*ORGANIC PARAMETERS*									
Benzene	ND	mg/kg	1.41	100	3/ 1/02	13:09	S. Davis	8021B	5159
Ethylbenzene	59.0	mg/kg	1.41	100	3/ 1/02	13:09	S. Davis	8021B	5159
Toluene	47.0	mg/kg	1.41	100	3/ 1/02	13:09	S. Davis	8021B	5159
Xylenes, total	236.	mg/kg	14.1	1000	3/ 1/02	20:29	S. Davis	8021B	9835
TPH (Gasoline Range)	3270	mg/kg	707.	100	3/ 1/02	13:09	S. Davis	8015B	5159
TPH (Diesel Range)	32.4	mg/kg	14.1	1	3/ 1/02	20:50	D.Haywood	8015B	9746

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.1 gm	1.0 ml	2/28/02		D.Yeager	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	90.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28766  
Sample ID: UST 2-5  
Project: 48292  
Page 2

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Surrogate -----	% Recovery -----	Target Range -----
EPH surr-o-Terphenyl	92.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.



## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28767  
 Sample ID: UST 2-6  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 11:35  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	78.2	%		1	2/28/02	18:30	J.Tyree	CLP	4389
*ORGANIC PARAMETERS*									
Benzene	4.73	mg/kg	1.28	100	3/ 1/02	13:45	S. Davis	8021B	5159
Ethylbenzene	60.2	mg/kg	1.28	100	3/ 1/02	13:45	S. Davis	8021B	5159
Toluene	58.4	mg/kg	1.28	100	3/ 1/02	13:45	S. Davis	8021B	5159
Xylenes, total	199.	mg/kg	12.8	1000	3/ 1/02	21:04	S. Davis	8021B	9835
TPH (Gasoline Range)	3940	mg/kg	639.	100	3/ 1/02	13:45	S. Davis	8015B	5159
TPH (Diesel Range)	86.1	mg/kg	12.7	1	3/ 1/02	21:02	D.Haywood	8015B	9746

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.2 gm	1.0 ml	2/28/02		D.Yeager	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	90.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28767  
Sample ID: UST 2-6  
Project: 48292  
Page 2

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Surrogate -----	% Recovery -----	Target Range -----
EPH surr-o-Terphenyl	98.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28768  
 Sample ID: UST 2-FP  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 10:20  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	76.6	%		1	2/28/02	16:14	D.Yeager	CLP	4391
*ORGANIC PARAMETERS*									
Benzene	ND	mg/kg	0.0131	1	3/ 1/02	1:11	S. Davis	8021B	5159
Ethylbenzene	ND	mg/kg	0.0131	1	3/ 1/02	1:11	S. Davis	8021B	5159
Toluene	0.0196	mg/kg	0.0131	1	3/ 1/02	1:11	S. Davis	8021B	5159
Xylenes, total	0.0601	mg/kg	0.0131	1	3/ 1/02	1:11	S. Davis	8021B	5159
TPH (Gasoline Range)	ND	mg/kg	6.53	1	3/ 1/02	1:11	S. Davis	8015B	5159
TPH (Diesel Range)	ND	mg/kg	13.0	1	3/ 1/02	21:24	D.Haywood	8015B	9746

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.1 gm	1.0 ml	2/28/02		D.Yeager	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	90.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28768  
Sample ID: UST 2-FP  
Project: 48292  
Page 2

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Surrogate -----	% Recovery -----	Target Range -----
EPH surr-o-Terphenyl	97.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28769  
 Sample ID: UST 3-1  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 9:50  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	72.9	%		1	2/28/02	16:14	D.Yeager	CLP	4391
*ORGANIC PARAMETERS*									
Benzene	4.39	mg/kg	1.37	100	3/ 1/02	14:19	S. Davis	8021B	5159
Ethylbenzene	81.9	mg/kg	1.37	100	3/ 1/02	14:19	S. Davis	8021B	5159
Toluene	112.	mg/kg	1.37	100	3/ 1/02	14:19	S. Davis	8021B	5159
Xylenes, total	458.	mg/kg	13.7	1000	3/ 1/02	21:44	S. Davis	8021B	9835
TPH (Gasoline Range)	4380	mg/kg	686.	100	3/ 1/02	14:19	S. Davis	8015B	5159
TPH (Diesel Range)	87.2	mg/kg	13.7	1	3/ 1/02	21:34	D.Haywood	8015B	9746

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.1 gm	1.0 ml	2/28/02		D.Yeager	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	90.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28769  
Sample ID: UST 3-1  
Project: 48292  
Page 2

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Surrogate	% Recovery	Target Range
-----	-----	-----
EPH surr-o-Terphenyl	112.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28770  
 Sample ID: UST 3-2  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 9:55  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	74.1	%		1	2/28/02	16:14	D.Yeager	CLP	4391
*ORGANIC PARAMETERS*									
Benzene	ND	mg/kg	0.135	10	3/ 1/02	14:54	S. Davis	8021B	5159
Ethylbenzene	2.75	mg/kg	0.135	10	3/ 1/02	14:54	S. Davis	8021B	5159
Toluene	1.11	mg/kg	0.135	10	3/ 1/02	14:54	S. Davis	8021B	5159
Xylenes, total	19.2	mg/kg	0.135	10	3/ 1/02	14:54	S. Davis	8021B	5159
TPH (Gasoline Range)	144.	mg/kg	67.5	10	3/ 1/02	14:54	S. Davis	8015B	5159
TPH (Diesel Range)	ND	mg/kg	13.4	1	3/ 1/02	21:46	D.Haywood	8015B	9746

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.1 gm	1.0 ml	2/28/02		D.Yeager	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	90.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28770  
Sample ID: UST 3-2  
Project: 48292  
Page 2

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Surrogate	% Recovery	Target Range
-----	-----	-----
EPH surr-o-Terphenyl	82.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.



## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28771  
 Sample ID: UST 3-3  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 10:10  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	79.1	%		1	2/28/02	16:14	D.Yeager	CLP	4391
*ORGANIC PARAMETERS*									
Benzene	21.5	mg/kg	12.6	1000	3/ 1/02	15:29	S. Davis	8021B	5159
Ethylbenzene	311.	mg/kg	12.6	1000	3/ 1/02	15:29	S. Davis	8021B	5159
Toluene	716.	mg/kg	12.6	1000	3/ 1/02	15:29	S. Davis	8021B	5159
Xylenes, total	1620	mg/kg	12.6	1000	3/ 1/02	15:29	S. Davis	8021B	5159
TPH (Gasoline Range)	14200	mg/kg	6320	1000	3/ 1/02	15:29	S. Davis	8015B	5159
TPH (Diesel Range)	300.	mg/kg	126.	10	3/ 1/02	21:57	D.Haywood	8015B	9746

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.0 gm	1.0 ml	2/28/02		D.Yeager	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	97.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28771  
Sample ID: UST 3-3  
Project: 48292  
Page 2

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

trph-d surrgate was diluted out due to sample matrix.

End of Sample Report.

## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28772  
 Sample ID: UST 3-4  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 10:15  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	71.5	%		1	2/28/02	16:14	D.Yeager	CLP	4391
*ORGANIC PARAMETERS*									
Benzene	29.4	mg/kg	14.0	1000	3/ 1/02	22:19	S. Davis	8021B	5159
Ethylbenzene	169.	mg/kg	14.0	1000	3/ 1/02	22:19	S. Davis	8021B	5159
Toluene	544.	mg/kg	14.0	1000	3/ 1/02	22:19	S. Davis	8021B	5159
Xylenes, total	959.	mg/kg	14.0	1000	3/ 1/02	22:19	S. Davis	8021B	5159
TPH (Gasoline Range)	8900	mg/kg	6990	1000	3/ 1/02	22:19	S. Davis	8015B	5159
TPH (Diesel Range)	38.9	mg/kg	13.8	1	3/ 1/02	22:07	D.Haywood	8015B	9746

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.3 gm	1.0 ml	2/28/02		D.Yeager	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	90.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28772  
Sample ID: UST 3-4  
Project: 48292  
Page 2

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Surrogate	% Recovery	Target Range
-----	-----	-----
EPH surr-o-Terphenyl	93.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28773  
 Sample ID: UST 3-5  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 10:25  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	71.7	%		1	2/28/02	16:14	D.Yeager	CLP	4391
*ORGANIC PARAMETERS*									
Benzene	9.76	mg/kg	1.39	100	3/ 1/02	17:54	S. Davis	8021B	5159
Ethylbenzene	109.	mg/kg	1.39	100	3/ 1/02	17:54	S. Davis	8021B	5159
Toluene	170.	mg/kg	13.9	1000	3/ 1/02	22:55	S. Davis	8021B	9835
Xylenes, total	481.	mg/kg	13.9	1000	3/ 1/02	22:55	S. Davis	8021B	9835
TPH (Gasoline Range)	4940	mg/kg	697.	100	3/ 1/02	17:54	S. Davis	8015B	5159
TPH (Diesel Range)	54.7	mg/kg	13.9	1	3/ 1/02	22:19	D.Haywood	8015B	9746

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.0 gm	1.0 ml	2/28/02		D.Yeager	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	90.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28773  
Sample ID: UST 3-5  
Project: 48292  
Page 2

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Surrogate -----	% Recovery -----	Target Range -----
EPH surr-o-Terphenyl	105.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: O2-A28774  
 Sample ID: UST 3-6  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 9:40  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	63.6	%		1	2/28/02	16:14	D.Yeager	CLP	4391
*ORGANIC PARAMETERS*									
Benzene	ND	mg/kg	1.57	100	3/ 1/02	18:28	S. Davis	8021B	5159
Ethylbenzene	45.6	mg/kg	1.57	100	3/ 1/02	18:28	S. Davis	8021B	5159
Toluene	62.9	mg/kg	1.57	100	3/ 1/02	18:28	S. Davis	8021B	5159
Xylenes, total	296.	mg/kg	15.7	1000	3/ 1/02	23:30	S. Davis	8021B	9835
TPH (Gasoline Range)	2010	mg/kg	786.	100	3/ 1/02	18:28	S. Davis	8015B	5159
TPH (Diesel Range)	75.8	mg/kg	15.7	1	3/ 1/02	22:29	D.Haywood	8015B	9746

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.1 gm	1.0 ml	2/28/02		D.Yeager	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	90.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28774  
Sample ID: UST 3-6  
Project: 48292  
Page 2

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Surrogate -----	% Recovery -----	Target Range -----
EPH surr-o-Terphenyl	102.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.



## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28775  
 Sample ID: UST 3-FP  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 10:45  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	78.8	%		1	2/28/02	16:14	D.Yeager	CLP	439i
*ORGANIC PARAMETERS*									
Benzene	ND	mg/kg	0.0127	1	3/ 1/02	6:27	S. Davis	8021B	5159
Ethylbenzene	ND	mg/kg	0.0127	1	3/ 1/02	6:27	S. Davis	8021B	5159
Toluene	0.0178	mg/kg	0.0127	1	3/ 1/02	6:27	S. Davis	8021B	5159
Xylenes, total	0.0622	mg/kg	0.0127	1	3/ 1/02	6:27	S. Davis	8021B	5159
TPH (Gasoline Range)	ND	mg/kg	6.35	1	3/ 1/02	6:27	S. Davis	8015B	5159
TPH (Diesel Range)	ND	mg/kg	12.5	1	3/ 2/02	10:06	D.Haywood	8015B	9746

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.3 gm	1.0 ml	2/28/02		D.Yeager	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	90.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28775  
Sample ID: UST 3-FP  
Project: 48292  
Page 2

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Surrogate -----	% Recovery -----	Target Range -----
EPH surr-o-Terphenyl	96.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28776  
 Sample ID: UST 4-1  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 12:45  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	78.1	%		1	2/28/02	16:14	D.Yeager	CLP	4391
*ORGANIC PARAMETERS*									
Benzene	20.5	mg/kg	12.8	1000	3/ 1/02	19:07	S. Davis	8021B	5159
Ethylbenzene	92.2	mg/kg	12.8	1000	3/ 1/02	19:07	S. Davis	8021B	5159
Toluene	319.	mg/kg	12.8	1000	3/ 1/02	19:07	S. Davis	8021B	5159
Xylenes, total	626.	mg/kg	12.8	1000	3/ 1/02	19:07	S. Davis	8021B	5159
TPH (Gasoline Range)	ND	mg/kg	6400	1000	3/ 1/02	19:07	S. Davis	8015B	5159
TPH (Diesel Range)	11100	mg/kg	640.	50	3/ 2/02	12:41	D.Haywood	8015B	9746

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.0 gm	1.0 ml	2/28/02		D.Yeager	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	90.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28776  
Sample ID: UST 4-1  
Project: 48292  
Page 2

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

TRPH-D SURROGATE WAS DILUTED OUT DUE TO SAMPLE MATRIX.

End of Sample Report.

## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28777  
 Sample ID: UST 4-2  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 12:55  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	80.8	%		1	2/28/02	16:14	D.Yeager	CLP	4391
*ORGANIC PARAMETERS*									
Benzene	1.49	mg/kg	1.24	100	3/ 1/02	19:43	S. Davis	8021B	5159
Ethylbenzene	31.4	mg/kg	1.24	100	3/ 1/02	19:43	S. Davis	8021B	5159
Toluene	46.8	mg/kg	1.24	100	3/ 1/02	19:43	S. Davis	8021B	5159
Xylenes, total	173.	mg/kg	1.24	100	3/ 1/02	19:43	S. Davis	8021B	5159
TPH (Gasoline Range)	1670	mg/kg	619.	100	3/ 1/02	19:43	S. Davis	8015B	5159
TPH (Diesel Range)	63.5	mg/kg	12.4	1	3/ 1/02	23:03	D.Haywood	8015B	9746

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.0 gm	1.0 ml	2/28/02		D.Yeager	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	93.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28777  
Sample ID: UST 4-2  
Project: 48292  
Page 2

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Surrogate	% Recovery	Target Range
-----	-----	-----
EPH surr-o-Terphenyl	105.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28778  
 Sample ID: UST 4-3  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 13:00  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	68.7	%		1	2/28/02	16:14	D.Yeager	CLP	4391
*ORGANIC PARAMETERS*									
Benzene	0.441	mg/kg	0.0146	1	3/ 1/02	20:59	S. Davis	8021B	5160
Ethylbenzene	0.0597	mg/kg	0.0146	1	3/ 1/02	20:59	S. Davis	8021B	5160
Toluene	0.767	mg/kg	0.0146	1	3/ 1/02	20:59	S. Davis	8021B	5160
Xylenes, total	0.514	mg/kg	0.0146	1	3/ 1/02	20:59	S. Davis	8021B	5160
TPH (Gasoline Range)	7.86	mg/kg	7.28	1	3/ 1/02	20:59	S. Davis	8015B	5160
TPH (Diesel Range)	ND	mg/kg	14.4	1	3/ 1/02	23:26	D.Haywood	8015B	9746

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.2 gm	1.0 ml	2/28/02		D.Yeager	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	113.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28778  
Sample ID: UST 4-3  
Project: 48292  
Page 2

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Surrogate -----	% Recovery -----	Target Range -----
EPH surr-o-Terphenyl	93.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.



## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28779  
 Sample ID: UST 4-4  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 13:10  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	80.3	%		1	2/28/02	16:14	D.Yeager	CLP	4391
*ORGANIC PARAMETERS*									
Benzene	ND	mg/kg	0.0125	1	3/ 1/02	21:30	S. Davis	8021B	5160
Ethylbenzene	ND	mg/kg	0.0125	1	3/ 1/02	21:30	S. Davis	8021B	5160
Toluene	ND	mg/kg	0.0125	1	3/ 1/02	21:30	S. Davis	8021B	5160
Xylenes, total	ND	mg/kg	0.0125	1	3/ 1/02	21:30	S. Davis	8021B	5160
TPH (Gasoline Range)	ND	mg/kg	6.23	1	3/ 1/02	21:30	S. Davis	8015B	5160
TPH (Diesel Range)	ND	mg/kg	12.4	1	3/ 1/02	23:37	D.Haywood	8015B	9746

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.1 gm	1.0 ml	2/28/02		D.Yeager	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	110.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28779  
Sample ID: UST 4-4  
Project: 48292  
Page 2

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Surrogate -----	% Recovery -----	Target Range -----
EPH surr-o-Terphenyl	91.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28780  
 Sample ID: UST 4-5  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 13:20  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	72.5	%		1	2/28/02	16:14	D.Yeager	CLP	4391
*ORGANIC PARAMETERS*									
Benzene	ND	mg/kg	0.0138	1	3/ 1/02	22:02	S. Davis	8021B	5160
Ethylbenzene	ND	mg/kg	0.0138	1	3/ 1/02	22:02	S. Davis	8021B	5160
Toluene	ND	mg/kg	0.0138	1	3/ 1/02	22:02	S. Davis	8021B	5160
Xylenes, total	ND	mg/kg	0.0138	1	3/ 1/02	22:02	S. Davis	8021B	5160
TPH (Gasoline Range)	ND	mg/kg	6.90	1	3/ 1/02	22:02	S. Davis	8015B	5160
TPH (Diesel Range)	17.0	mg/kg	13.6	1	3/ 1/02	23:48	D.Haywood	8015B	9746

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.4 gm	1.0 ml	2/28/02		D.Yeager	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	113.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28780  
Sample ID: UST 4-5  
Project: 48292  
Page 2

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Surrogate	% Recovery	Target Range
-----	-----	-----
EPH surr-o-Terphenyl	84.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28781  
 Sample ID: UST 4-6  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 13:30  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	72.9	%		1	2/28/02	16:14	D.Yeager	CLP	4391
*ORGANIC PARAMETERS*									
Benzene	ND	mg/kg	0.0137	1	3/ 1/02	22:33	S. Davis	8021B	5160
Ethylbenzene	ND	mg/kg	0.0137	1	3/ 1/02	22:33	S. Davis	8021B	5160
Toluene	ND	mg/kg	0.0137	1	3/ 1/02	22:33	S. Davis	8021B	5160
Xylenes, total	ND	mg/kg	0.0137	1	3/ 1/02	22:33	S. Davis	8021B	5160
TPH (Gasoline Range)	ND	mg/kg	6.86	1	3/ 1/02	22:33	S. Davis	8015B	5160
TPH (Diesel Range)	ND	mg/kg	13.6	1	3/ 1/02	23:59	D.Haywood	8015B	9746

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.2 gm	1.0 ml	2/28/02		D.Yeager	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	117.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28781  
Sample ID: UST 4-6  
Project: 48292  
Page 2

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Surrogate	% Recovery	Target Range
-----	-----	-----
EPH surr-o-Terphenyl	84.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28782  
 Sample ID: UST 4-FP  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 10:50  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	84.3	%		1	2/28/02	16:14	D.Yeager	CLP	4391
*ORGANIC PARAMETERS*									
Benzene	ND	mg/kg	0.0119	1	3/ 1/02	23:04	S. Davis	8021B	5160
Ethylbenzene	ND	mg/kg	0.0119	1	3/ 1/02	23:04	S. Davis	8021B	5160
Toluene	ND	mg/kg	0.0119	1	3/ 1/02	23:04	S. Davis	8021B	5160
Xylenes, total	ND	mg/kg	0.0119	1	3/ 1/02	23:04	S. Davis	8021B	5160
TPH (Gasoline Range)	ND	mg/kg	5.93	1	3/ 1/02	23:04	S. Davis	8015B	5160
TPH (Diesel Range)	27.4	mg/kg	11.9	1	3/ 2/02	10:27	D.Haywood	8015B	9746

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.0 gm	1.0 ml	2/28/02		D.Yeager	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	113.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28782  
Sample ID: UST 4-FP  
Project: 48292  
Page 2

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Surrogate	% Recovery	Target Range
-----	-----	-----
EPH surr-o-Terphenyl	89.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.



## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28783  
 Sample ID: UST 5-1  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 12:30  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	70.8	%		1	2/28/02	16:14	D.Yeager	CLP	4391
*ORGANIC PARAMETERS*									
Benzene	ND	mg/kg	0.0141	1	3/ 1/02	23:36	S. Davis	8021B	5160
Ethylbenzene	ND	mg/kg	0.0141	1	3/ 1/02	23:36	S. Davis	8021B	5160
Toluene	ND	mg/kg	0.0141	1	3/ 1/02	23:36	S. Davis	8021B	5160
Xylenes, total	ND	mg/kg	0.0141	1	3/ 1/02	23:36	S. Davis	8021B	5160
TPH (Gasoline Range)	ND	mg/kg	7.06	1	3/ 1/02	23:36	S. Davis	8015B	5160
TPH (Diesel Range)	ND	mg/kg	14.0	1	3/ 2/02	0:21	D.Haywood	8015B	9746

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.2 gm	1.0 ml	2/28/02		D.Yeager	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	117.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28783  
Sample ID: UST 5-1  
Project: 48292  
Page 2

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Surrogate -----	% Recovery -----	Target Range -----
EPH surr-o-Terphenyl	81.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28784  
 Sample ID: UST 5-2  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 9:10  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report	Dil	Analysis		Analyst	Method	Batch	
			Limit		Factor	Date				Time
*GENERAL CHEMISTRY PARAMETERS*										
% Dry Weight	72.2	%		1		2/28/02	16:14	D.Yeager	CLP	4391
*ORGANIC PARAMETERS*										
Benzene	ND	mg/kg	0.0139	1		3/ 2/02	0:07	S. Davis	8021B	5160
Ethylbenzene	ND	mg/kg	0.0139	1		3/ 2/02	0:07	S. Davis	8021B	5160
Toluene	ND	mg/kg	0.0139	1		3/ 2/02	0:07	S. Davis	8021B	5160
Xylenes, total	ND	mg/kg	0.0139	1		3/ 2/02	0:07	S. Davis	8021B	5160
TPH (Gasoline Range)	ND	mg/kg	6.93	1		3/ 2/02	0:07	S. Davis	8015B	5160
TPH (Diesel Range)	ND	mg/kg	13.8	1		3/ 2/02	0:32	D.Haywood	8015B	9746

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.1 gm	1.0 ml	2/28/02		D.Yeager	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	113.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28784  
Sample ID: UST 5-2  
Project: 48292  
Page 2

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Surrogate -----	% Recovery -----	Target Range -----
EPH surr-o-Terphenyl	81.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28785  
 Sample ID: UST 5-3  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 9:20  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	71.6	%		1	2/28/02	16:14	D.Yeager	CLP	4391
*ORGANIC PARAMETERS*									
Benzene	ND	mg/kg	0.0140	1	3/ 2/02	0:39	S. Davis	8021B	5160
Ethylbenzene	ND	mg/kg	0.0140	1	3/ 2/02	0:39	S. Davis	8021B	5160
Toluene	ND	mg/kg	0.0140	1	3/ 2/02	0:39	S. Davis	8021B	5160
Xylenes, total	ND	mg/kg	0.0140	1	3/ 2/02	0:39	S. Davis	8021B	5160
TPH (Gasoline Range)	ND	mg/kg	6.98	1	3/ 2/02	0:39	S. Davis	8015B	5160
TPH (Diesel Range)	ND	mg/kg	14.0	1	3/ 2/02	11:26	D.Haywood	8015B	9748

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.0 gm	1.0 ml	2/28/02		D.Yeager	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	113.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28785  
Sample ID: UST 5-3  
Project: 48292  
Page 2

---

Surrogate	% Recovery	Target Range
-----	-----	-----
EPH surr-o-Terphenyl	70.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28786  
 Sample ID: UST 5-4  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 9:30  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	64.0	%		1	2/28/02	16:14	D.Yeager	CLP	4391
*ORGANIC PARAMETERS*									
Benzene	ND	mg/kg	0.0156	1	3/ 2/02	2:13	S. Davis	8021B	5160
Ethylbenzene	ND	mg/kg	0.0156	1	3/ 2/02	2:13	S. Davis	8021B	5160
Toluene	ND	mg/kg	0.0156	1	3/ 2/02	2:13	S. Davis	8021B	5160
Xylenes, total	ND	mg/kg	0.0156	1	3/ 2/02	2:13	S. Davis	8021B	5160
TPH (Gasoline Range)	ND	mg/kg	7.81	1	3/ 2/02	2:13	S. Davis	8015B	5160
TPH (Diesel Range)	ND	mg/kg	15.6	1	3/ 2/02	11:45	D.Haywood	8015B	9748

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.0 gm	1.0 ml	2/28/02		D.Yeager	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	117.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28786  
Sample ID: UST 5-4  
Project: 48292  
Page 2

---

Surrogate -----	% Recovery -----	Target Range -----
EPH surr-o-Terphenyl	68.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.



## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28787  
 Sample ID: UST 5-FP  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 10:40  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	76.0	%		1	2/28/02	16:14	D.Yeager	CLP	4391
*ORGANIC PARAMETERS*									
Benzene	ND	mg/kg	0.0132	1	3/ 2/02	2:44	S. Davis	8021B	5160
Ethylbenzene	ND	mg/kg	0.0132	1	3/ 2/02	2:44	S. Davis	8021B	5160
Toluene	ND	mg/kg	0.0132	1	3/ 2/02	2:44	S. Davis	8021B	5160
Xylenes, total	ND	mg/kg	0.0132	1	3/ 2/02	2:44	S. Davis	8021B	5160
TPH (Gasoline Range)	ND	mg/kg	6.58	1	3/ 2/02	2:44	S. Davis	8015B	5160
TPH (Diesel Range)	ND	mg/kg	13.1	1	3/ 2/02	12:05	D.Haywood	8015B	9748

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.1 gm	1.0 ml	2/28/02		D.Yeager	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	113.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28787  
Sample ID: UST 5-FP  
Project: 48292  
Page 2

---

Surrogate -----	% Recovery -----	Target Range -----
EPH surr-o-Terphenyl	59.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28788  
 Sample ID: SP-1  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 11:50  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	91.4	%		1	2/28/02	16:09	D.Yeager	CLP	4393
*ORGANIC PARAMETERS*									
Benzene	ND	mg/kg	0.0109	1	3/ 2/02	3:16	S. Davis	8021B	5160
Ethylbenzene	ND	mg/kg	0.0109	1	3/ 2/02	3:16	S. Davis	8021B	5160
Toluene	ND	mg/kg	0.0109	1	3/ 2/02	3:16	S. Davis	8021B	5160
Xylenes, total	ND	mg/kg	0.0109	1	3/ 2/02	3:16	S. Davis	8021B	5160
TPH (Gasoline Range)	ND	mg/kg	5.47	1	3/ 2/02	3:16	S. Davis	8015B	5160
TPH (Diesel Range)	24.8	mg/kg	10.9	1	3/ 2/02	12:24	D.Haywood	8015B	9748

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.1 gm	1.0 ml	2/28/02		D.Yeager	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	113.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28788  
Sample ID: SP-1  
Project: 48292  
Page 2

---

Surrogate	% Recovery	Target Range
-----	-----	-----
EPH surr-o-Terphenyl	80.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28789  
 Sample ID: PI-1  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 11:10  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	74.7	%		1	2/28/02	16:09	D.Yeager	CLP	4393
*ORGANIC PARAMETERS*									
Benzene	ND	mg/kg	0.0134	1	3/ 2/02	3:47	S. Davis	8021B	5160
Ethylbenzene	ND	mg/kg	0.0134	1	3/ 2/02	3:47	S. Davis	8021B	5160
Toluene	ND	mg/kg	0.0134	1	3/ 2/02	3:47	S. Davis	8021B	5160
Xylenes, total	ND	mg/kg	0.0134	1	3/ 2/02	3:47	S. Davis	8021B	5160
TPH (Gasoline Range)	ND	mg/kg	6.69	1	3/ 2/02	3:47	S. Davis	8015B	5160
TPH (Diesel Range)	ND	mg/kg	13.3	1	3/ 2/02	13:43	D.Haywood	8015B	9748

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.1 gm	1.0 ml	2/28/02		D.Yeager	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	117.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28789  
Sample ID: PI-1  
Project: 48292  
Page 2

---

Surrogate -----	% Recovery -----	Target Range -----
EPH surr-o-Terphenyl	102.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28790  
 Sample ID: PI-2  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 11:15  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	78.2	%		1	2/28/02	16:09	D.Yeager	CLP	4393
*ORGANIC PARAMETERS*									
Benzene	ND	mg/kg	0.0128	1	3/ 2/02	4:18	S. Davis	8021B	5160
Ethylbenzene	ND	mg/kg	0.0128	1	3/ 2/02	4:18	S. Davis	8021B	5160
Toluene	0.0217	mg/kg	0.0128	1	3/ 2/02	4:18	S. Davis	8021B	5160
Xylenes, total	ND	mg/kg	0.0128	1	3/ 2/02	4:18	S. Davis	8021B	5160
TPH (Gasoline Range)	ND	mg/kg	6.39	1	3/ 2/02	4:18	S. Davis	8015B	5160
TPH (Diesel Range)	ND	mg/kg	12.8	1	3/ 2/02	6:05	D.Haywood	8015B	9748

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.0 gm	1.0 ml	2/28/02		D.Yeager	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	120.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 02-A28790  
Sample ID: PI-2  
Project: 48292  
Page 2

---

Surrogate -----	% Recovery -----	Target Range -----
EPH surr-o-Terphenyl	88.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.



## ANALYTICAL REPORT

ERM - SOUTHEAST, INC. 6207  
 JERRY PROSSER  
 7300 CARMEL EXEC. PARK, STE220  
 CHARLOTTE, NC 28226

Lab Number: 02-A28791  
 Sample ID: PI-3  
 Sample Type: Soil  
 Site ID:

Project: 48292  
 Project Name: 99 GNC  
 Sampler: RHETT BAGGETT

Date Collected: 2/22/02  
 Time Collected: 11:25  
 Date Received: 2/23/02  
 Time Received: 9:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*GENERAL CHEMISTRY PARAMETERS*									
% Dry Weight	76.1	%		1	2/28/02	16:09	D.Yeager	CLP	4393
*ORGANIC PARAMETERS*									
Benzene	ND	mg/kg	0.0131	1	3/ 2/02	4:50	S. Davis	8021B	5160
Ethylbenzene	ND	mg/kg	0.0131	1	3/ 2/02	4:50	S. Davis	8021B	5160
Toluene	ND	mg/kg	0.0131	1	3/ 2/02	4:50	S. Davis	8021B	5160
Xylenes, total	ND	mg/kg	0.0131	1	3/ 2/02	4:50	S. Davis	8021B	5160
TPH (Gasoline Range)	ND	mg/kg	6.57	1	3/ 2/02	4:50	S. Davis	8015B	5160
TPH (Diesel Range)	ND	mg/kg	13.0	1	3/ 2/02	6:25	D.Haywood	8015B	9748

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH/DRO	25.2 gm	1.0 ml	2/28/02		D.Yeager	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	117.	65. - 135.

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: O2-A28791  
Sample ID: PI-3  
Project: 48292  
Page 2

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Surrogate	% Recovery	Target Range
-----	-----	-----
EPH surr-o-Terphenyl	88.	50. - 150.

### LABORATORY COMMENTS:

ND - Not detected at the report limit.

# - Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

PROJECT QUALITY CONTROL DATA  
Project Number: 48292  
Page: 1

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
**UST PARAMETERS**					
UST surr-Trifluorotoluene	83.	% Recovery	5157	2/28/02	16:14
UST surr-Trifluorotoluene	87.	% Recovery	5159	2/28/02	17:29
UST surr-Trifluorotoluene	113.	% Recovery	5160	3/ 1/02	20:27
UST surr-Trifluorotoluene	87.	% Recovery	9835	3/ 1/02	16:44
UST surr-Trifluorotoluene	103.	% Recovery	9699	3/ 2/02	0:00

End of Report for Project 273181



Service Analytical & Environmental Solutions

449 Springbrook Road - Charlotte, NC 28217  
P.O. Box 240543 - Charlotte, NC 28224-0543  
Phone: 704/529-6364 - Fax: 704/525-0409

**PRESS DOWN FIRMLY - 3 COPIES**

Samples INTACT upon arrival?   
Received ON WET ICE? Temp 4.5  
PROPER PRESERVATIVES indicated? 100%  
Received WITHIN HOLDING TIMES?   
CUSTODY SEALS INTACT?   
VOLATILES rec'd W/OUT HEADSPACE?   
PROPER CONTAINERS used?

REPORT TO: Name Lee Rhee  
Address \_\_\_\_\_  
BILL TO: Name Lee Rhee  
Address \_\_\_\_\_  
Requested Cust Data Standard TAT

State Certification \_\_\_\_\_  
Requested: NC \_\_\_\_\_ SC \_\_\_\_\_ Other NA  
Water Chlorinated Yes \_\_\_\_\_ No NA  
Sample Iced upon Collection Yes AZ No \_\_\_\_\_

Client: URS  
Physical Address: 3109 Popplewood Ct  
Raleigh, NC 27604  
Phone: 919-850-9511 Fax: 919-790-0217  
Billing Reference: 0600055146\_05  
Project Name: NB001

(SEE REVERSE SIDE FOR RUSH TURNAROUND FEES)

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER		PRESERVATIVES	ANALYSES REQUESTED	REMARKS	SUB LAB CERT. ID NO.	PRISM LAB ID NO.
				*TYPE SEE BELOW	NO. SIZE					
3P-1-4	2/9/01	14:40	Soil	C,G	2 4oz Bor	NONE				97757
3P-1-10	2/9/01	14:43	Soil	C,G	2 4oz Bor	NONE				97758
3P-1-31	2/9/01	14:48	Soil	C,G	2 4oz Bor	NONE				97759
P-10-8	2/9/01	14:55	Soil	C,G	2 4oz Bor	NONE				97760
3P-10-18	2/9/01	14:58	Soil	C,G	2 4oz Bor	NONE		TIME 14:58		97761
P-10-32	2/9/01	15:00	Soil	C,G	2 4oz Bor	NONE				97762
P-5-8	2/9/01	15:30	Soil	C,G	2 4oz Bor	NONE				97763
P-2-14	2/9/01	15:25	Soil	C,G	2 4oz Bor	NONE				97764
3P-2-4	2/9/01	15:23	Soil	C,G	2 4oz Bor	NONE				97765
3P-5-16	2/9/01	15:38	Soil	C,G	2 4oz Bor	NONE				97766

Operator's Signature: [Signature] Sampled By: (Print Name) COELISTIA UATZ Affiliation Staff Engineer

Requested By: (Signature) [Signature] Date: 2-12-01 14:59 Additional Comments \_\_\_\_\_  
Requested By: (Signature) \_\_\_\_\_ Date: \_\_\_\_\_

Requested By: (Signature) [Signature] Date: 2-12-01 16:45  
Requested By: (Signature) [Signature] Date: 2/17/01

Method of Shipment \_\_\_\_\_  
Log-in Group No. 7017627

YES NC \_\_\_\_\_ LUST: NC \_\_\_\_\_ GROUNDWATER: NC \_\_\_\_\_ DRINKING WATER: NC \_\_\_\_\_ SOLID WASTE: NC \_\_\_\_\_ OTHER: NC \_\_\_\_\_  
SC \_\_\_\_\_ SC \_\_\_\_\_ SC \_\_\_\_\_ SC \_\_\_\_\_ SC \_\_\_\_\_ SC \_\_\_\_\_  
OTHER \_\_\_\_\_ OTHER \_\_\_\_\_ OTHER \_\_\_\_\_ OTHER \_\_\_\_\_

CONTAINER TYPE CODES: A = Amber C = Clear G = Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space);  
SEE REVERSE FOR TERMS & CONDITIONS ORIGINAL



Service Analytical & Environmental Solutions

REPORT TO: Name Lee Rhee  
Address 449 Springbrook Road  
Charlotte, NC 28217  
P.O. Box 240543  
Charlotte, NC 28224-0543  
Phone: 704/529-6364  
Fax: 704/525-0409

**PRESS DOWN FIRMLY - 3 COPIES**

BILL TO: Name Lee Rhee  
Address 449 Springbrook Road  
Charlotte, NC 28217  
P.O. Box 240543  
Charlotte, NC 28224-0543  
Phone: 704/529-6364  
Fax: 704/525-0409

State Certification Requested: NC  SC  Other  NA   
Water Chlorinated: Yes  No   
Sample Iced Upon Collection: Yes  No

Sample Intact upon arrival?   
Received on wet ice? Temp 25  
Proper preservatives indicated?   
Received within holding times?   
Custody seals intact?   
Volatile rec'd w/out headspace?   
Proper containers used?

(SEE REVERSE SIDE FOR RUSH TURNAROUND FEES)

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER		PRESERVATIVES	ANALYSES REQUESTED	REMARKS	SUB LAB CERT. ID NO.	PRISM LAB ID NO.
				TYPE	NO.					
P-5-29	2/9/01	15:45	SOIL	C1G	2	None				97767
P-8-31.5	2/9/01	10:05	SOIL	C1G	2	None				97768
P-4-30	2/9/01	15:46	SOIL	C1G	2	None				97769
P-3-4	2/9/01	10:10	SOIL	C1G	2	None				97770
P-6-20	2/9/01	15:55	SOIL	C1G	2	None				97771
P-12-14	2/9/01	15:55	SOIL	C1G	2	None				97772
P-6-4	2/9/01	10:00	SOIL	C1G	2	None				97773
P-12-8	2/9/01	15:50	SOIL	C1G	2	None				97774
P-8-2	2/9/01	10:02	SOIL	C1G	2	None				97775
P-12-23.5	2/9/01	10:00	SOIL	C1G	2	None				97776

Analyst Signature: [Signature] Sampled By (Print Name): CRISTIA WERTZ Affiliation: Staff Engineers

Received By (Signature): [Signature] Date: 2-12-01 10:54 Military Hours: 10:54  
Received By (Signature): [Signature] Date: 2-12-01 16:45 Log-In Group No: 701707

CONTAINER TYPE CODES: A = Amber G = Glass P = Plastic TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)  
SOLID WASTE: NC  OTHER: NC   
DRINKING WATER: NC  OTHER: NC   
GROUNDWATER: NC  OTHER: NC   
SEE REVERSE FOR TERMS & CONDITIONS ORIGINAL

449 Springbrook Road - Charlotte, NC 28217  
P.O. Box 240543 - Charlotte, NC 28224-0543  
Phone: 704/529-6364 - Fax: 704/525-0409

**PRESS DOWN FIRMLY - 3 COPIES**

REPORT TO: Name Lee Shea  
Address \_\_\_\_\_  
BILL TO: Name Lee Shea  
Address \_\_\_\_\_  
Requested Due Date See P. TAT  
(SEE REVERSE SIDE FOR RUSH TURNAROUND FEES)

Received ON WET (CE7 Temp) AJ  
PROPER PRESERVATIVES indicated?   
Received WITHIN HOLDING TIMES?   
CUSTOMY SEALS INTACT?   
VOLATILES rec'd W/OUT HEADSPACE?   
PROPER CONTAINERS Used?

State Certification  
Requested NC SC Other MA  
Water Chlorinated Yes No  
Sample Iced Upon Collection Yes



Client Name URS  
Address 5109 Poplarwood Ct.  
City Raleigh, NC State 27604  
Phone 919-850-1511 Fax 919-790-0217  
Billing Reference 0600055146.05  
Project Name ACDOT

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER		PRESERVATIVES	ANALYSES REQUESTED	REMARKS	SUB LAB CERT. ID NO.	PRISM LAB ID NO.
				TYPE	NO. SIZE					
P-11-28	2/9/01	10:20	SOIL	C, G	2 4oz. Box	NONE				97777
P-6-39	2/9/01	10:12	SOIL	C, G	2 4oz. Box	NONE				97778
P-3-28	2/9/01	10:15	SOIL	C, G	2 4oz. Box	NONE				97779
P-13-20	2/9/01	10:35	SOIL	C, G	2 4oz. Box	NONE				97780
P-9-28	2/9/01	10:30	SOIL	C, G	2 4oz. Box	NONE				97781
P-7-20	2/9/01	10:25	SOIL	C, G	2 4oz. Box	NONE				97782
P-9-4	2/9/01	10:20	SOIL	C, G	2 4oz. Box	NONE				97783

Client's Signature [Signature] Sampled By (Print Name): CORLISSA WATZ Affiliation Staff Engineer

Received By: (Signature) [Signature] Date 2-12-01 10:57  
Received By: (Signature) \_\_\_\_\_ Date \_\_\_\_\_  
Received For Prism Laboratories By: [Signature] Date 2-12-01 16:45  
Log-in Group No. 7017027

ES HC SC UST: NC GROUNDWATER: NC DRINKING WATER: NC SOLID WASTE: NC OTHER: NC  
SC SC OTHER: SC OTHER: SC  
OTHER: OTHER OTHER: OTHER

SEE REVERSE FOR TERMS & CONDITIONS

CONTAINER TYPE CODES: A = Amber C = Clear G = Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

ORIGINAL

TABLE 1  
 SOIL LABORATORY ANALYTICAL RESULTS  
 NCDOT PARCEL 948 - MABEL L. CHILTON PROPERTY  
 GUILFORD COUNTY, NORTH CAROLINA  
 NCDOT PROJECT 8.1690303  
 (TIP: R-2616 AA)

Analysis	UNITS	Petroleum Hydrocarbons		
		GRO	DRO	Oil and Grease
<b>STANDARDS</b>				
Reportable Quantity	mg/kg	10	10	250
TPH Action Level	mg/kg	10	40	250
Soil-To-Groundwater	mg/kg	NE	NE	NE
Remediation Goal	mg/kg	NE	NE	NE
<b>ANALYTICAL RESULTS</b>				
GP-1-4	mg/kg	<1.0	<10	320
GP-1-16	mg/kg	<1.0	<10	260
GP-1-31	mg/kg	14	<10	320
GP-2-4	mg/kg	<1.0	<10	380
GP-2-14	mg/kg	<1.0	<10	450
GP-3-4	mg/kg	90	120	280
GP-3-28	mg/kg	210	<10	210
GP-4-30	mg/kg	420	<10	330
GP-5-8	mg/kg	61	<10	450
GP-5-16	mg/kg	6000	64	520
GP-5-29	mg/kg	2500	35	360
GP-6-4	mg/kg	<1.0	<10	320
GP-6-20	mg/kg	4.4	<10	220
GP-6-39	mg/kg	1200	<10	260
GP-7-20	mg/kg	20000	220	330
GP-8-2	mg/kg	<1.0	<10	170
GP-8-31.5	mg/kg	42	34	330
GP-9-4	mg/kg	<1.0	<10	260
GP-9-28	mg/kg	2500	81	280
GP-10-8	mg/kg	17	27	410
GP-10-18	mg/kg	22	350	1300
GP-10-32	mg/kg	230	15	350
GP-11-28	mg/kg	780	<10	440
GP-12-8	mg/kg	<1.0	<10	120
GP-12-14	mg/kg	1.2	<10	730
GP-12-23.5	mg/kg	2.5	<10	130
GP-13-20	mg/kg	7.2	<10	150

**NOTES:**

1. Soil samples were collected by Probe Technology of Concord, NC under the supervision of URS on 2-9-01 and submitted by URS under chain-of-custody protocols to Prism Laboratories, Inc. of Charlotte, NC for analyses.
2. Results for selected analytes are shown; see Appendix B for a full listing of results.
3. "<" denotes a non-detection (the detection limit follows).
4. "(O)" denotes an aqueous concentration.
5. STANDARDS are taken from guidance provided by the North Carolina Department of Environment and Natural Resources (NCDENR), including the Oct. 4, 1999 Division of Water Quality, Groundwater Section memorandum to environmental service companies, consultants and other interested parties entitled: Revised Policy for Soil Analytical Methods; the Jan. 2, 1998 Guidelines for the Investigation and Remediation of Soil and Groundwater, Volume II; and the NCDENR Division of Waste Management, Superfund Section, Inactive Hazardous Sites Branch Aug. 1998 Guidelines for Assessment and Cleanup.
6. "NE" - Not established

