Solutions-IES
Industrial & Environmental Services

1101 Nowell Rd. ■ Raleigh, NC 27607
(919) 873-1060 ■ Fax (919) 873-1074
www.solutions-ies.com

December 12, 2016

Mr. Terry Fox, L.G.
North Carolina Department of Transportation
Geotechnical Engineering Unit
1589 Mail Service Center
Raleigh, North Carolina 27699-1589

Reference: **Preliminary Site Assessment**
Joseph Molgora Property (Parcel #140)
6002 Raeford Road
Fayetteville, Cumberland County, North Carolina
State Project: U-4405
WBS Element 39049.1.1
SIES Project No. 2016.0054.NDOT

Dear Mr. Fox:

Solutions-IES, Inc., (SIES) has completed the Preliminary Site Assessment conducted at the above-referenced property. The work was performed in accordance with the Technical and Cost proposal dated September 26, 2016, and the North Carolina Department of Transportation's (NCDOT's) Notice to Proceed dated September 26, 2016. Activities associated with the assessment consisted of conducting a geophysical investigation, collecting soil samples for analysis, and reviewing applicable North Carolina Department of Environmental Quality (NCDEQ) records. The purpose of this report is to document the field activities, present the laboratory analytical results, and provide recommendations regarding the property.

Location and Description

The Joseph Molgora Property (Parcel #140) is located at 6002 Raeford Road in Fayetteville, Cumberland County, North Carolina. The property is located on the north side of Raeford Road, approximately 150 feet west of the intersection of Raeford Road and Skibo Road (**Figure 1**). The property consists of a former gas station and convenience store, and as of the date of the field work, a computer repair shop (We Fix It) occupied the building. The NCDOT information indicated that two underground storage tanks (USTs) were located under the edge of the building. A review of on-line UST registry information indicated that no USTs are registered at the site. According to the *UST Closure Report* (Environmental Hydrogeological Consultants, Inc., dated November 22, 2004), two 3,000-gallon gasoline USTs and one 500-gallon kerosene UST were installed in the 1960's and were taken out of service in the 1970's or early 1980's.

A concrete parking area occupies the area in front of the building. An attached canopy in front of the building may have covered a dispenser island and two UST fill ports were observed near the east side of the canopy (**Figure 2**). The proposed easement had not been marked at the site on the date of the geophysical field work, but NCDOT plan sheets show that the easement will affect the canopy, but not the building.

NCDOT requested a Preliminary Site Assessment for the right-of-way and proposed easement because of the previous site use as a gas station. The scope of work defined in the Request for Technical and Cost Proposal was to evaluate the site with respect to the presence of known and unknown USTs, and to assess where contamination exists on the right-of-way/proposed easement. An estimate of the quantity of impacted soil was to be provided, should impacted soils be encountered.

SIES reviewed the on-line NCDEQ Incident Management database and Incident Number FA-2945 was assigned to the site. A further review of files regarding the incident from the NCDEQ Fayetteville Regional Office indicated that in November 2004, the landowner at that time, Ms. Carol Rhyner, closed three USTs at the site, two 3,000-gallon gasoline USTs and one 550-gallon kerosene UST. The tanks were closed in-place and soil samples collected from six soil borings around the USTs. One sample detected contamination at 12 milligrams per kilogram (mg/kg) diesel range organics (DRO) total petroleum hydrocarbons (TPH). No other soil contamination was detected.

Following the UST closure, S&ME conducted soil and groundwater sampling to further evaluate the site. Five soil samples were collected and analyzed for TPH DRO and GRO. The sample collected from the boring at the kerosene UST (located between the canopy and the road) contained GRO at a concentration of 1,100 mg/kg and DRO at a concentration of 3,400 mg/kg. These concentrations were above the 2004 action level of 10 mg/kg. No other soil contamination was detected. One groundwater sample from the kerosene UST area and one from the gasoline UST area were collected and analyzed for volatile petroleum constituents. The analytical results indicated the presence of MTBE at concentrations of 8.7 and 33 micrograms per liter (µg/L), which were below the 2004 groundwater quality standard of 200 µg/L.

No additional reports were available in the NCDEQ files. A No Further Action Letter was issued to the landowner on January 26, 2006. The letter references a report received by the NCDEQ in January 2006 that implies additional work was conducted at the site, but no documentation is available for review. The USTs and soil contamination appear to be located within the existing and proposed NCDOT right-of-way/easement. As a convenience to the reader, relevant excerpts from the file documents are presented in **Attachment A** and the complete file reports are added to the end of this report.

SIES also examined the UST registration database to obtain UST ownership information and found that no USTs have been registered for the property.

Geophysical Survey

Pyramid Environmental & Engineering of Greensboro, NC (Pyramid) conducted a geophysical survey to confirm the presence of the known USTs in the right-of-way/proposed easement and determine if additional USTs were present in that area. The geophysical survey consisted of time-domain electromagnetics (TDEM) and ground penetrating radar. A Geonics EM61 TDEM induction meter was used to locate buried metallic objects, specifically USTs. The GPR data were collected with a Geophysical Survey Systems, Inc. Utility Scan DF unit equipped with dual frequency 300/800 MHz antennae.

A survey grid was laid out along the right-of-way/proposed easement with the X-axis oriented approximately parallel to Raeford Road and the Y-axis oriented approximately perpendicular to Raeford Road. The grid was positioned to cover the entire right-of-way/proposed easement. The survey lines were spaced approximately five feet apart and magnetic data were collected continuously along each survey line with a data logger. After collection, the data were reviewed in the field with graphical computer software.

During the course of the survey, Pyramid was interrupted from completing the work by a representative of the landowner. Access to complete the survey was denied and the survey was not completed. However, prior to the interruption of the geophysical survey, electromagnetic data were collected and a preliminary GPR survey was conducted, although data were not recorded. Several anomalies were detected, but were generally attributed to reinforced concrete, underground utilities, signage, or USTs. Two anomalies were detected under the canopy that Pyramid interpreted as probable USTs, based on the NCDOT criteria. Because of the terminated survey, no measurements could be taken to calculate the UST sizes. Pyramid's detailed report of findings and interpretations is presented in **Attachment B**.

Following the interruption in the geophysical survey, SIES discussed the situation with the NCDOT. The NDOT contacted the landowner representative and attempted to gain access for further work. No response was received from the representative. Based on the unresponsiveness of the landowner and their representative, the NCDOT directed SIES to discontinue our efforts to collect data from this site and submit the geophysical survey.

SIES appreciates the opportunity to work with the NCDOT on this project. If you have any questions, please contact us at (919) 873-1060.

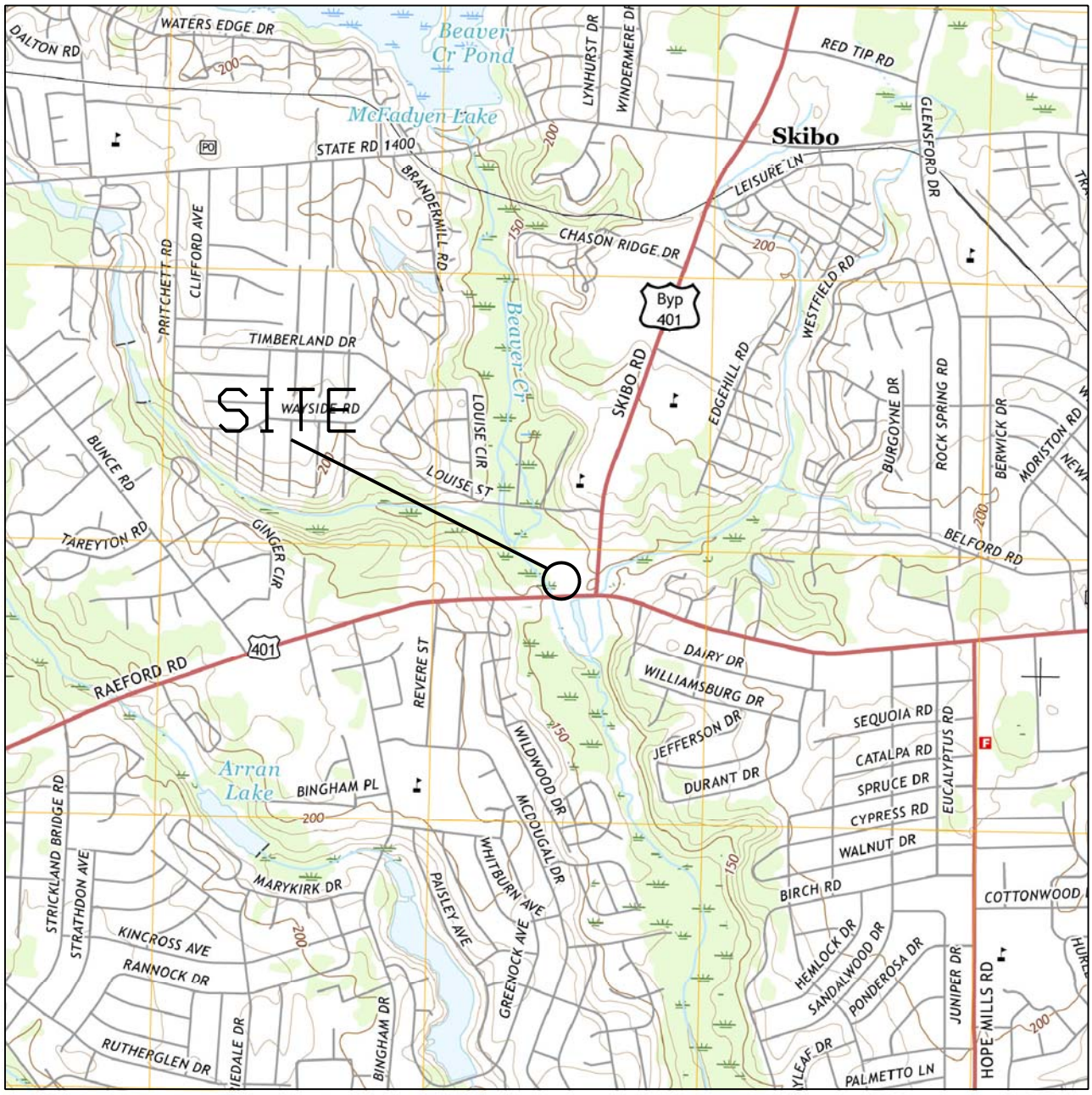
Sincerely,

Michael W. Branson, P.G.
Project Manager

John Palmer, P.G.
Senior Hydrogeologist

Attachments

FIGURES



SOURCE: U.S. GEOLOGICAL SURVEY 7.5 MIN QUADRANGLE: FAYETTEVILLE, NC (2016)

PROJECT NUMBER 2016.0054.NDOT
CHECKED BY JEP
PROJECT MANAGER MWB
DATE NOVEMBER 2016
FILE FAYETTEVILLE PSAS

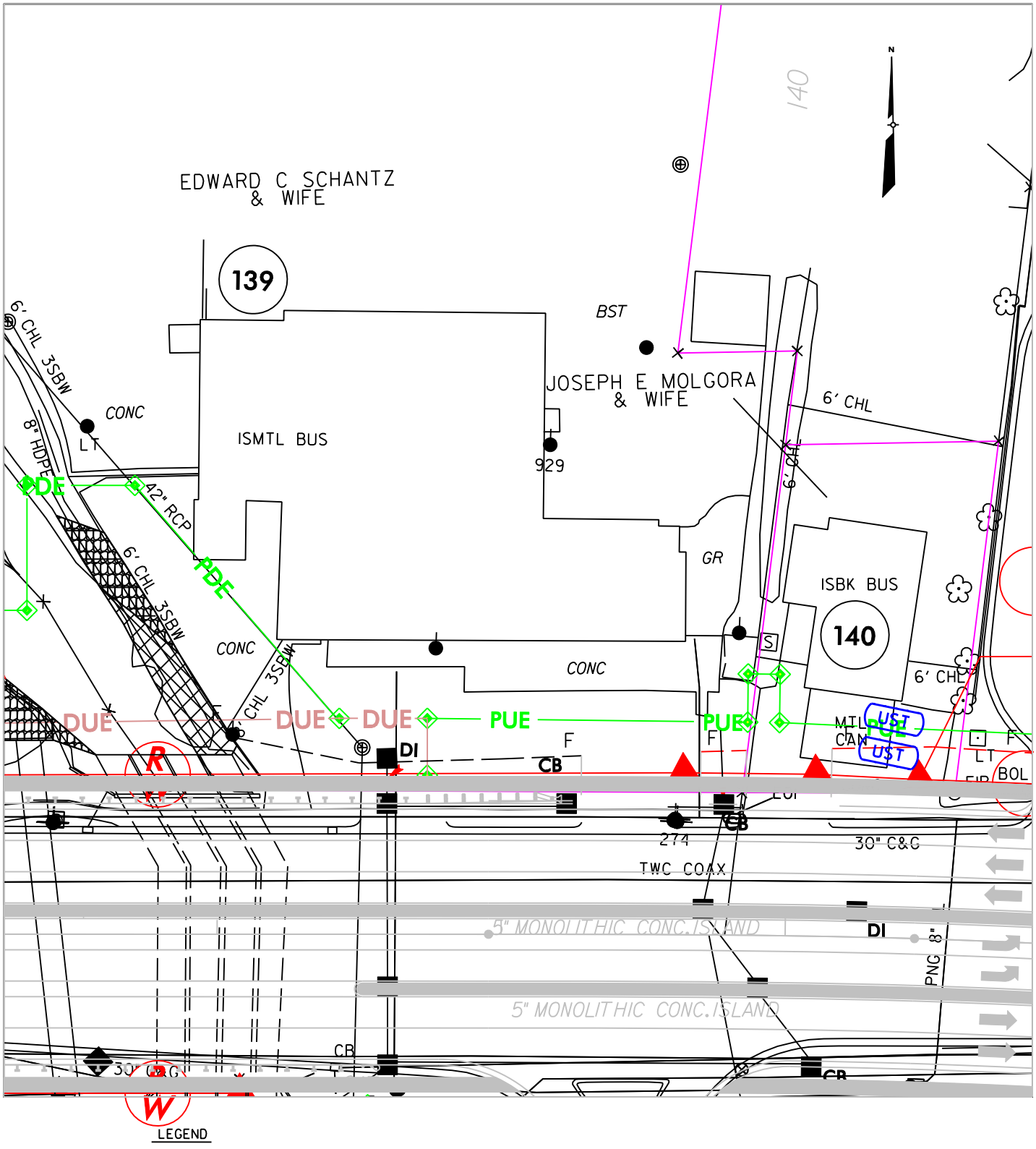
Solutions-IES
Industrial & Environmental Services
1101 NOWELL ROAD
RALEIGH, NORTH CAROLINA 27607
TEL: (919) 873-1060 FAX: (919) 873-1074

VICINITY MAP

MOLGORA PROPERTY (PARCEL #140)
FAYETTEVILLE, CUMBERLAND COUNTY NORTH CAROLINA

FIGURE 1

PROJECT NUMBER 2016.0054.NDOT
DRAFTER MWB
CHECKED BY JEP
PROJECT MANAGER MWB
DATE NOVEMBER 2016
FAYETTEVILLE PSAS
FILE



LEGEND

UST PROBABLE UST FROM GEOPHYSICAL SURVEY

0 25 50
GRAPHIC SCALE (FEET)

Solutions-IES
Industrial & Environmental Services
1101 NOWELL ROAD
RALEIGH, NORTH CAROLINA 27607
TEL: (919) 873-1060 FAX: (919) 873-1074

SITE MAP

MOLGORA PROPERTY (PARCEL #140)

FAYETTEVILLE, CUMBERLAND COUNTY, NORTH CAROLINA

FIGURE 2

...\reports\FIGURES\140.dgn 11/18/2016 11:11:53 AM

ATTACHMENT A

UNDERGROUND STORAGE TANK CLOSURE REPORT

11-22-04

I. General Information

A. Ownership of UST(s)

1. Name of UST owner:
   Ms. Carol Rhyner
2. Owner address & telephone number
   7802 West Hazzlewood St.
   Phoenix, AZ 85033
   623-631-3435

B. Facility Information

1. Facility name:
   Unknown
2. Facility ID #:
   Unknown
3. Facility address, telephone number & county:
   6002 Raeford Rd
   Fayetteville, NC
   Unknown/unoccupied

C. Contacts

1. Name, address, telephone number & job title of primary contact person:
   Ms. Carol Rhyner - Owner
   7802 West Hazzlewood St.
   Phoenix, AZ 85033
   623-631-3435
2. Name, address & telephone number of closure contractor:
   Environmental Hydrogeological Consultants, Inc.
   P.O. Box 902 / 207 West 4th Avenue
   Red Springs, North Carolina 28377
   (910) 843-4456
3. Name, address & telephone number of primary consultant:
   Environmental Hydrogeological Consultants, Inc.
   P.O. Box 902 / 207 West 4th Avenue
   Red Springs, North Carolina 28377
   (910) 843-4456
4. Name, address, telephone number & State certification number of laboratory:
   Environmental Science Corp.
   12065 Lebanon Road
   Mt. Juliet, Tennessee 37122
   (615) 758-5858
   NC State Certification #ENV375,DW21704

D. UST Information:

Tank #	Installation Date	Size in Gallons	Tank Dimensions	Last Contents	Previous Contents (if any)
1	**1960's ?**	**3,000**	**5' 4" x 18'**	**Gasoline**	
2	**1960's ?**	**3,000**	**5' 4" x 18'**	**Gasoline**	
3	**1960's ?**	**550**	**4' X 6'**	**Kerosene**	

E. Site Characteristics:

1. Describe any past releases at this site:
   None known

2. Is the facility active or inactive? If inactive, note the last time USTs were in operation:
   Inactive, since about late 1970's or early 1980's.

3. Describe surrounding property use (residential, commercial, farming, etc.):
   Commercial (Hardee's Fast Food, Auto Repair Shop, Gas Stations, etc.)

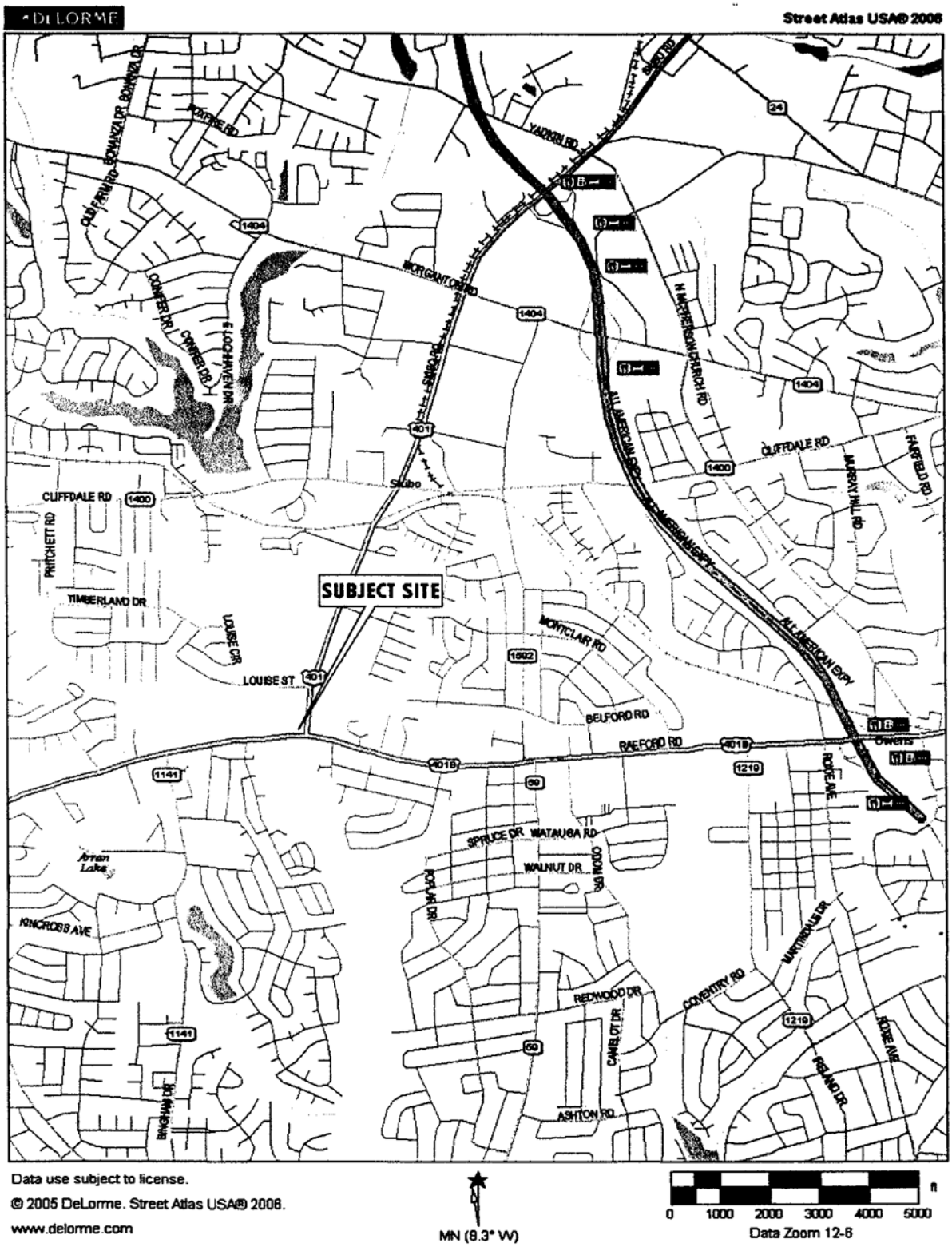
4. Describe site geology/hydrogeology:
   Tan/brown sandy clay material. Ground water was not encountered during soil borings.

II. Closure Procedures

A. Describe preparations for closure including the steps taken to notify authorities, permits obtained & the steps taken to clean & purge the tank(s):
Notified UST Section, USTs pumped out of remaining fuel/water and inerted with F-500.

B. Note the amount of residual material pumped from the tank(s):
Total of 150 gallons of water/fuel pumped from all three tanks

C. Describe the storage, sampling & disposal of the residual material:
EHC, Inc. personnel utilizing DOT 407/412 Vacuum Trailer pumped and transported to facility in Red Springs, NC under non-hazardous materials manifest.(see attached manifest).

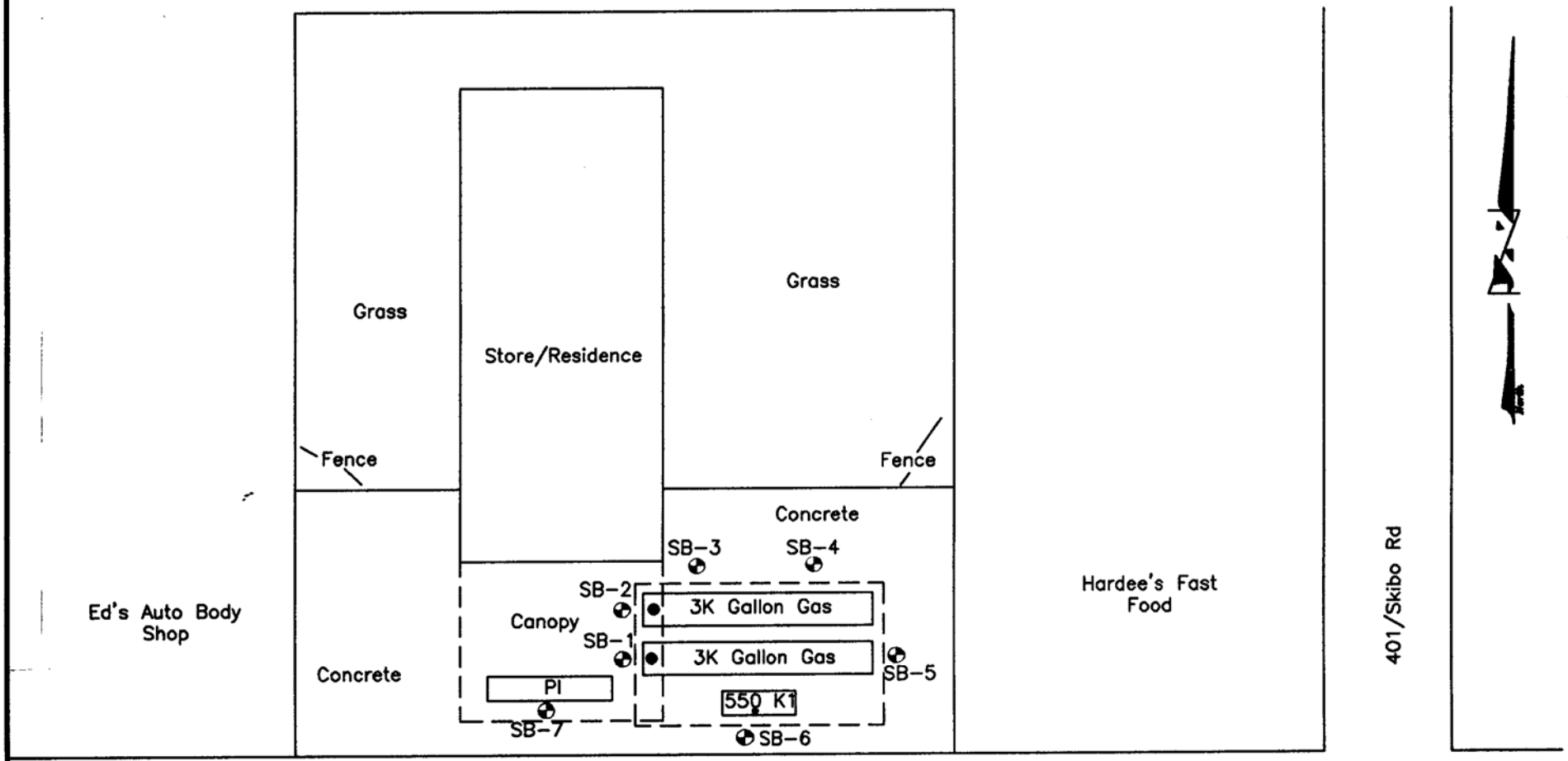


DELORME® Street Atlas USA
Version 6.0

FIGURE 1
AREA MAP

Site Location: 6002 Raeford Rd
Fayetteville, North Carolina

EHC
ENVIRONMENTAL HYDROGEOLOGICAL CONSULTANTS
HYDROLOGY • GEOLOGY • EXPLORATION • ANALYTICAL



EHC

ENVIRONMENTAL HYDROGEOLOGICAL CONSULTANTS
HYDROLOGY • GEOLOGY • EXPLORATION • ANALYTICAL

LEGEND

- Soil Boring Location
- Fill Pipe Location

Date: 11/29/05

PROJECT NO.: 05-UT1108-1

Drawn By: KAM

FIGURE 2

Site Map

6002 Raeford Rd.

Fayetteville, NC

FA-2945

Recd
Feb 09 2005

S&ME

December 27, 2004

Carol Rhyner
7802 West Hazelwood Street
Phoenix, Arizona 85033

Attention: Ms. Carol Rhyner

Reference: **SOIL AND GROUNDWATER SAMPLING SERVICES**
6002 Raeford Road
Fayetteville, North Carolina
Job No. 1034-04-049

Dear Ms. Rhyner:

S&ME, Inc. (S&ME) is pleased to present the findings of our soil and groundwater sampling services conducted on the above referenced property in accordance with our Proposal No EPRO-04-11-06 dated November 22, 2004.

PROJECT INFORMATION

Based on our November 19, 2004 telephone conversation, we understand that the subject property is a former store, which operated an underground storage tank (UST) system. According to you, at least two tanks, which contained gasoline and kerosene, are located on the property. Two former gasoline dispensers were located in front of the building and one former kerosene dispenser was located at the southeast corner of the building. To the best of your knowledge, the UST system has not been operated since at least the late 1970s or early 1980s.

On November 19, 2004, Mr. Jamie T. Honeycutt with S&ME visited the subject property (Figure 1). Three fill ports and vent pipes associated with three USTs and three former fuel dispenser locations were observed on the property. No other visual signs of fill ports or vent pipes associated with USTs or former fuel dispenser locations were observed on the property. According to you, no other USTs are located on the property.

S&ME, Inc.
409 Chicago Drive, Suite 116
Fayetteville, North Carolina 28306

(910) 323-1091
(910) 323-3499 fax
www.smeinc.com

Table 2

Summary of Soil Analytical Data
Soil and Groundwater Sampling Services

6002 Raeford Road
Fayetteville, North Carolina
S&ME Job No. 1034-04-049

Analysis Compound	Test Probe # 1 Southwest former gasoline dispenser	Test Probe # 2 Southeast former gasoline dispenser	Test Probe #3 (GW-1) Near former gasoline tanks	Test Probe #4 (GW-2) Near former kerosene tank	Test Probe # 5 Former kerosene dispenser	Reportable Concentration
	4'	4'	12'	12'	4'	
EPA Method 5030 Gasoline Range Organics	7.9	BDL	BDL	**1,100**	BDL	**10**
EPA Method 3550 Diesel Range Organics	NA	NA	NA	**3,400**	BDL	**10**

All quantities expressed in mg/Kg milligrams per kilograms (parts per million)
BDL: below method detection limits
NA: not analyzed
Constituents not listed were below the detection limit of the analytical method.
Regulatory standards as set forth in "Guidelines for Assessment and Corrective Action, North Carolina Underground Storage Tank Section"
Analytical results greater than applicable standards are given in bold print.

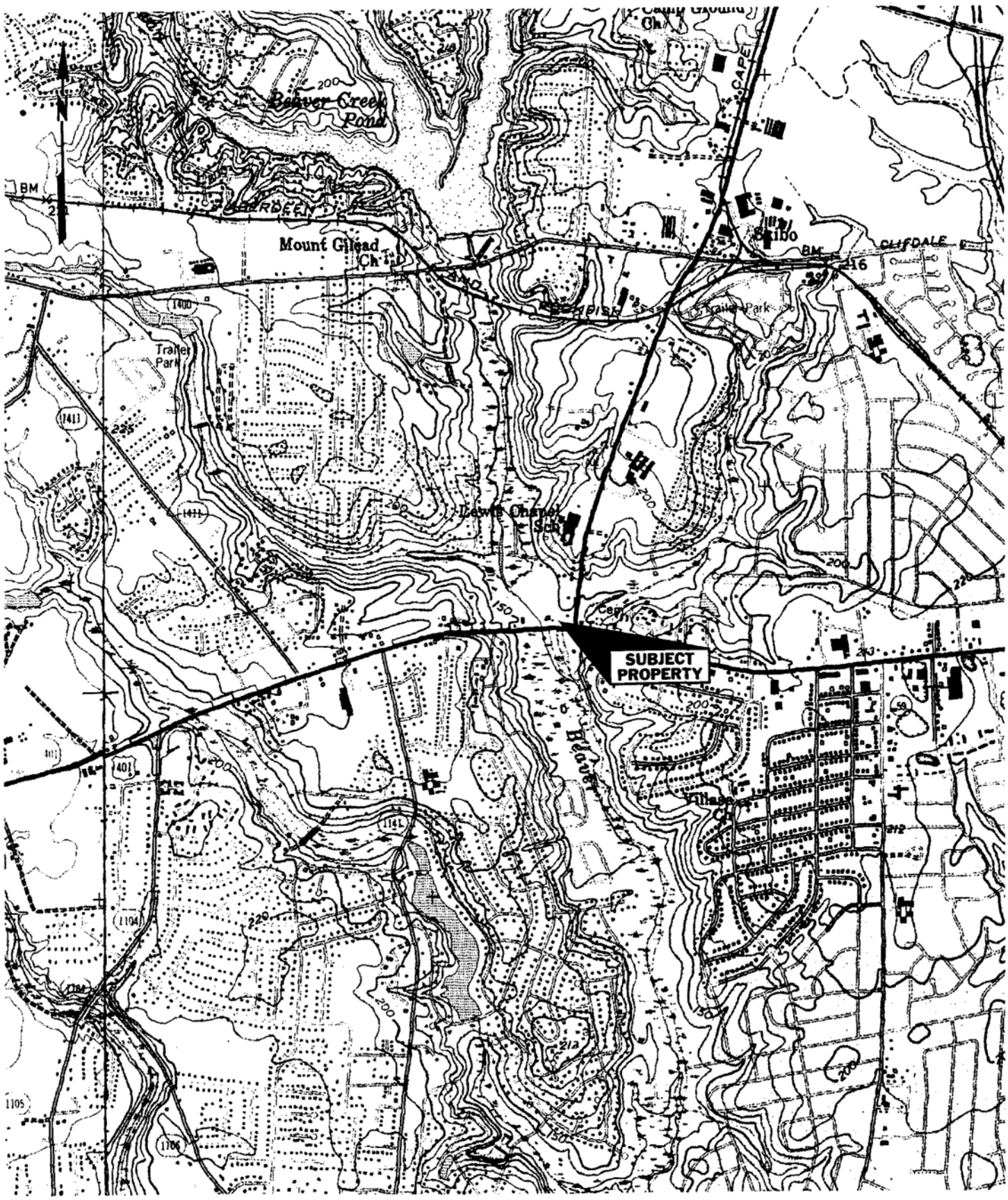
Table 3

Summary of Groundwater Quality Data
Soil and Groundwater Sampling Services

6002 Raeford Road
Fayetteville, North Carolina
S&ME Job No. 1034-04-049

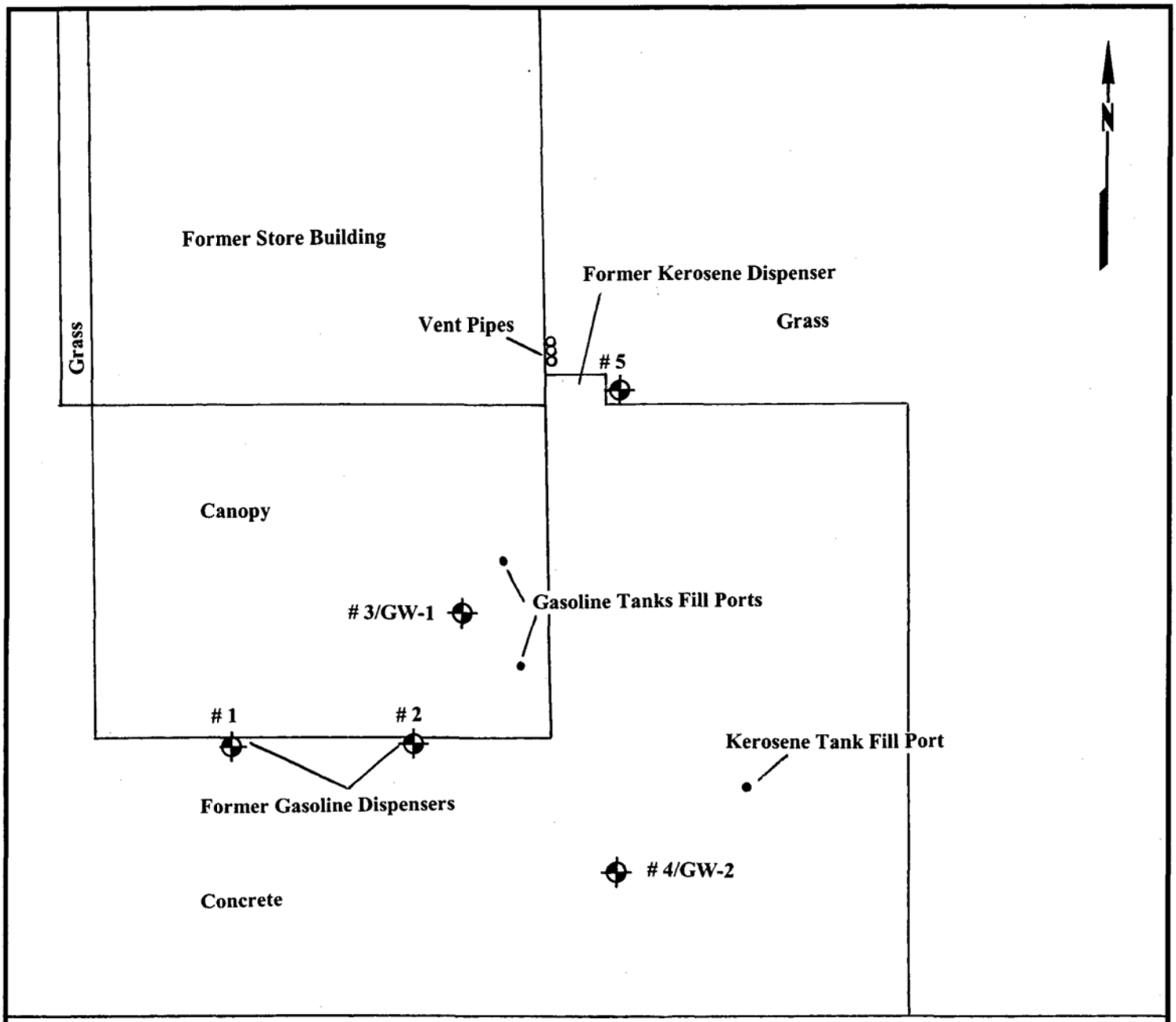
Analysis Compound	Test Probe # 3 (GW-1) Near former gasoline tanks	Test Probe # 4 (GW-2) Near former kerosene tank	2L Regulatory Standards
Method 624			
MTBE	8.7	33	200
Benzene	BDL	BDL	
Toluene	BDL	BDL	
Ethylbenzene	BDL	BDL	
Xylenes	BDL	BDL	
Isopropyl Ether	BDL	BDL	
Naphthalene	BDL	BDL	

Groundwater samples were not collected at any other location
All quantities expressed in ug/L micrograms per liter (parts per billion)
BDL: below method detection limits
Regulatory standards as set forth in 15A NCAC 2L, "Classifications and Standards Applicable to the Groundwaters of North Carolina" or in guidance documents issued by the NCDENR.
Analytical results greater than applicable standards are given in bold print.



Scale 1" = 2,000'

Job No : 1034-04-049	S&ME	**SITE VICINITY MAP**	Figure No:
Date: 12/23/04		6002 Raeford Road Fayetteville, North Carolina	1
Ref: Fayetteville Quadrangle			



Approximate sample location

Approximate Scale 1" = 10'

Job No : 1034-04-049 Date: 12/23/04 Ref:	S&ME	SAMPLE LOCATION MAP 6002 Raeford Road Fayetteville, North Carolina	Figure No: 2

NCDENR
North Carolina Department of Environment and Natural Resources

Michael F. Easley, Governor
William G. Ross Jr., Secretary

Division of Waste Management
Underground Storage Tank Section

Dexter R. Matthews, Director

January 26, 2006

Carol Rhyner
7802 West Hazzlewood Street
Phoenix, AZ 85033

Re: Notice of No Further Action
15A NCAC 2L .0115(h)
Risk-based Assessment and Corrective Action
for Petroleum Underground Storage Tanks

Rhyner Property
6002 Raeford Road
Cumberland County
FA-2945
Risk Classification: Low
Ranking: L0R

Dear Ms. Rhyner:

The Underground Storage Tank (UST) Closure Report or Soil Contamination Report received by the Underground Storage Tank (UST) Section, Fayetteville Regional Office on January 26, 2006, has been reviewed. The review indicates that after tank closure or soil excavation soil contamination does not exceed the lower of the soil-to-groundwater or residential maximum soil contaminant concentrations (MSCCs), established in Title 15A NCAC 2L .0115(m).

The UST Section determines that no further action is warranted for this incident. This determination shall apply unless the UST Section later finds that the discharge or release poses an unacceptable risk or a potentially unacceptable risk to human health or the environment. Pursuant to Title 15A NCAC 2L .0115(e) you have a continuing obligation to notify the Department of any changes that might affect the risk or land use classifications that have been assigned.

This No Further Action determination applies only to the subject incident; for any other incidents at the subject site, the responsible party must continue to address contamination as required.

If you have any questions regarding this notice, please contact me at the address or telephone number listed below.

Sincerely,

James W. Brown
Hydrogeologist II
Fayetteville Regional Office

UST Regional Offices

Asheville (ARO) – 2090 US Highway 70, Swannanoa, NC 28778 **(828) 296-4500**

Fayetteville (FAY) – 225 Green Street, Suite 714, Systel Building, Fayetteville, NC 28301 **(910) 486-1541**

Mooresville (MOR) – 610 East Center Avenue, Suite 301, Mooresville, NC 28115 **(704) 663-1699**

Raleigh (RRO) – 1628 Mail Service Center, Raleigh, NC 27699 (919) **791-4200**

Washington (WAS) – 943 Washington Square Mall, Washington, NC 27889 **(252) 946-6481**

Wilmington (WIL) – 127 Cardinal Drive Extension, Wilmington, NC 28405 **(910) 796-7215**

Winston-Salem (WS) – 585 Waughtown Street, Winston-Salem, NC 27107 **(336) 771-4600**

Guilford County Environmental Health, 1203 Maple Street, Greensboro, NC 27405, **(336) 641-3771**

FTP: NFA closure NOR1005.dot

ATTACHMENT B

PYRAMID GEOPHYSICAL SERVICES
(PROJECT 2016-265)

GEOPHYSICAL SURVEY

METALLIC UST INVESTIGATION: PARCEL 140 – JOSEPH E. MOLGORA NCDOT PROJECT U-4405

6002 RAEFORD RD., FAYETTEVILLE, CUMBERLAND COUNTY, NC

NOVEMBER 4, 2016

Report prepared for: Mike Branson
Solutions, IES
1101 Nowell Road
Raleigh, North Carolina 27607

Prepared by: _____
Eric C. Cross, P.G.
NC License #2181

Reviewed by: _____
Douglas A. Canavello, P.G.
NC License #1066

503 INDUSTRIAL AVENUE, GREENSBORO, NC 27406
P: 336.335.3174 F: 336.691.0648
C257: GEOLOGY C1251: ENGINEERING

GEOPHYSICAL INVESTIGATION REPORT
Parcel 140 – 6002 Raeford Road
Fayetteville, Cumberland County, North Carolina

Table of Contents

Figures

LIST OF ACRONYMS

CADD	Computer Assisted Drafting and Design
DF	Dual Frequency
EM	Electromagnetic
GPR	Ground Penetrating Radar
GPS	Global Positioning System
NCDOT	North Carolina Department of Transportation
ROW	Right-of-Way
SVE	Soil Vapor Extraction
UST	Underground Storage Tank

EXECUTIVE SUMMARY

Project Description: Pyramid Environmental conducted a geophysical investigation for Solutions, IES (Solutions) at Parcel 140, located at 6002 Raeford Road, Fayetteville, NC. The survey was part of a North Carolina Department of Transportation (NCDOT) Right-of-Way (ROW) investigation (NCDOT Project U-4405). Solutions directed Pyramid as to the geophysical survey boundaries at the project site, which were designed to extend from the existing edge of pavement to the proposed ROW lines and/or easement lines within the property, whichever distance was greater. Conducted from October 12-17, 2016, the geophysical investigation was performed to determine if unknown, metallic underground storage tanks (USTs) were present beneath the survey area. It should be noted that Pyramid's survey was interrupted by the tenant/property owner, who prevented access during the investigation, impeding Pyramid's ability to complete the survey.

Geophysical Results: Widespread EM interference was observed across the survey area due to metal-reinforced concrete. Reconnaissance GPR scans showed evidence of two probable metallic USTs oriented lengthwise from west to east on the east side of the canopy located on the property. The tenant/property owner requested that Pyramid terminate the survey prior to formal GPR data being saved and measurement of the tanks being taken. Collectively, the geophysical data showed evidence of two probable metallic USTs at Parcel 140. The tenant/property owner prevented Pyramid from completing the survey.

INTRODUCTION

Pyramid Environmental conducted a geophysical investigation for Solutions, IES (Solutions) at Parcel 140, located at 6002 Raeford Road, Fayetteville, NC. The survey was part of a North Carolina Department of Transportation (NCDOT) Right-of-Way (ROW) investigation (NCDOT Project U-4405). Solutions directed Pyramid as to the geophysical survey boundaries at the project site, which were designed to extend from the existing edge of pavement to the proposed ROW lines and/or easement lines within the property, whichever distance was greater. Conducted from October 12-17, 2016, the geophysical investigation was performed to determine if unknown, metallic underground storage tanks (USTs) were present beneath the survey area. It should be noted that Pyramid's survey was interrupted by the tenant/property owner, who prevented access during the investigation, impeding Pyramid's ability to complete the survey

The site included a commercial building with a canopy surrounded by concrete parking space. Two possible fill ports were observed in the concrete at the east edge of the canopy. Aerial photographs showing the survey area boundaries and a ground-level photograph are shown in **Figure 1**.

FIELD METHODOLOGY

The geophysical investigation consisted of electromagnetic (EM) induction-metal detection and ground penetrating radar (GPR) surveys. Pyramid collected the EM data using a Geonics EM61 metal detector integrated with a Trimble AG-114 GPS antenna. The integrated GPS system allows the location of the instrument to be recorded in real-time during data collection, resulting in an EM data set that is geo-referenced and can be overlain on aerial photographs and CADD drawings. A boundary grid was established around the perimeter of the site with marks every 10 feet to maintain orientation of the instrument throughout the survey and assure complete coverage of the area.

According to the instrument specifications, the EM61 can detect a metal drum down to a maximum depth of approximately 8 feet. Smaller objects (1-foot or less in size) can be detected to a maximum depth of 4 to 5 feet. The EM61 data were digitally collected at approximately 0.8 foot intervals along north-south trending or east-west trending, generally parallel survey lines spaced five feet apart. The data were downloaded to a computer and reviewed in the field and office using the Geonics NAV61 and Surfer for Windows Version 11.0 software programs.

Initial reconnaissance ground penetrating radar (GPR) scans were performed at the site; however, during this reconnaissance the tenant/property owner asked Pyramid to vacate the property, thereby preventing any data from being saved or the survey from being completed. The reconnaissance GPR was performed using a Geophysical Survey Systems, Inc. (GSSI) UtilityScan DF unit equipped with a dual frequency 300/800 MHz antenna. Data were collected both in reconnaissance fashion as well as along formal transect lines across EM features. The GPR data were viewed in real-time using a vertical scan of 512 samples, at a rate of 48 scans per second. A general discussion of what was observed is presented in the Discussion of Results below.

Pyramid's classifications of USTs for the purposes of this report are based directly on the geophysical UST ratings provided by the NCDOT. These ratings are as follows:

Geophysical Surveys for Underground Storage Tanks
on NCDOT Projects

High Confidence	Intermediate Confidence	Low Confidence	No Confidence
Known UST Active tank - spatial location, orientation, and approximate depth determined by geophysics.	**Probable UST** Sufficient geophysical data from both magnetic and radar surveys that is characteristic of a tank. Interpretation may be supported by physical evidence such as fill/vent pipe, metal cover plate, asphalt/concrete patch, etc.	**Possible UST** Sufficient geophysical data from either magnetic or radar surveys that is characteristic of a tank. Additional data is not sufficient enough to confirm or deny the presence of a UST.	Anomaly noted but not characteristic of a UST. Should be noted in the text and may be called out in the figures at the geophysicist's discretion.

DISCUSSION OF RESULTS

Discussion of EM Results

A contour plot of the EM61 results obtained across the survey area at the property is presented in **Figure 2**. Each EM anomaly is numbered for reference in the figure. The following table presents the list of EM anomalies and the cause of the metallic response, if known:

LIST OF METALLIC ANOMALIES IDENTIFIED BY EM SURVEY

Metallic Anomaly #	Cause of Anomaly	Investigated with GPR
1	Widespread Reinforced Concrete	
2	Vehicles	
3	2 Probable USTs and Reinforced Concrete	☑

Widespread interference was observed across the property due to the presence of metal reinforcement within the majority of the concrete in the survey area. Additionally, EM anomalies were observed on the west side of the survey area (Anomaly 2) that were associated with parked vehicles. Two suspected fill ports were observed on the east side of the canopy at the property, and a high amplitude EM signal was observed at this location. Pyramid performed reconnaissance GPR in this area to investigate for suspected USTs; however, no formal GPR data were saved due to the tenant/property owner preventing further access to the site.

Discussion of GPR Results

As mentioned above, Pyramid performed reconnaissance GPR across the location where two fill ports were observed adjacent to the canopy. The reconnaissance GPR recorded two distinct hyperbolic reflectors and two discreet lateral reflectors that provided evidence of two probable metallic USTs at the property. The two USTs were oriented lengthwise from west to east. Pyramid was prevented access to the property before being able to

determine accurate sizes and depths, take photographs, or save any formal GPR files associated with the tanks. The USTs were partially marked with marking paint in the field. Although the survey was not complete, the reconnaissance scans were consistent with two probable USTs.

Collectively, the geophysical data showed evidence of two probable metallic USTs at Parcel 140. The tenant/property owner prevented Pyramid from completing the survey.

SUMMARY & CONCLUSIONS

Pyramid's evaluation of the EM61 data collected and GPR reconnaissance scans performed at Parcel 140 in Fayetteville, Cumberland County, North Carolina, provides the following summary and conclusions:

- The EM61 survey provided reliable results for the detection of metallic USTs within the accessible portions of the geophysical survey area.
- Widespread EM interference was observed across the survey area due to metal-reinforced concrete.
- Reconnaissance GPR scans showed evidence of two probable metallic USTs oriented lengthwise from west to east on the east side of the canopy.
- The tenant/property owner requested that Pyramid terminate the survey prior to formal GPR data being saved and measurement of the tanks being taken.
- Collectively, the geophysical data showed evidence of two probable metallic USTs at Parcel 140. The tenant/property owner prevented Pyramid from completing the survey.

LIMITATIONS

Geophysical surveys have been performed and this report was prepared for Solutions, IES in accordance with generally accepted guidelines for EM61 and GPR surveys. It is

generally recognized that the results of the EM61 and GPR surveys are non-unique and may not represent actual subsurface conditions. The EM61 and GPR results obtained for this project have not conclusively determined the definitive presence or absence of metallic USTs, but the evidence collected is sufficient to result in the conclusions made in this report. Additionally, it should be understood that areas containing extensive vegetation, reinforced concrete, or other restrictions to the accessibility of the geophysical instruments could not be fully investigated.

N↑

APPROXIMATE BOUNDARIES OF GEOPHYSICAL SURVEY AREA

View of Survey Area
(Facing Approximately North.
Additional Photos Not Available
Due to Lack of Access)

TITLE
PARCEL 140 - GEOPHYSICAL SURVEY
BOUNDARIES AND SITE PHOTOGRAPHS

PROJECT
6002 RAEFORD ROAD
FAYETTEVILLE, NORTH CAROLINA
NCDOT PROJECT U-4405

Pyramid Geophysics
503 INDUSTRIAL AVENUE
GREENSBORO, NC 27460
(336) 335-3174 (p) (336) 691-0648 (f)
License # C1251 Eng. / License # C257 Geology

DATE 11/02/16	CLIENT SOLUTIONS, IES
PYRAMID PROJECT #: 2016-265	**FIGURE 1**

N↑

EM61 METAL DETECTION RESULTS

NUMBERS IN BLUE (x) CORRESPOND TO ANOMALY TABLE INCLUDED IN THE REPORT

EVIDENCE OF 2 PROBABLE METALLIC USTs OBSERVED

The contour plot shows the differential results of the EM61 instrument in millivolts (mV). The differential results focus on larger metallic objects such as USTs and drums. The EM61 data were collected on October 13, 2016, using a Geonics EM61 instrument. Initial reconnaissance GPR verified the presence of 2 probable metallic USTs at the location indicated in the figure. Prior to finalizing and saving GPR data, the tenant/owner prevented further access to the property. No GPR data were saved. Approximately 75% of the outlines of the USTs were marked in the field with marking paint.

EM61 Metal Detection Response (millivolts)

TITLE	PARCEL 140 - EM61 RESULTS CONTOUR MAP
PROJECT	6002 RAEFORD ROAD FAYETTEVILLE, NORTH CAROLINA NCDOT PROJECT U-4405
Pyramid Geophysics	503 INDUSTRIAL AVENUE GREENSBORO, NC 27460 (336) 335-3174 (p) (336) 691-0648 (f) License # C1251 Eng. / License # C257 Geology
DATE 11/02/16	CLIENT SOLUTIONS, IES
PYRAMID PROJECT #: 2016-265	**FIGURE 2**

File Review Reports
Joseph Molgora Property (Parcel #140)
6002 Raeford Road
Fayetteville, Cumberland County, North Carolina
State Project: U-4405
WBS Element 39049.1.1

UNDERGROUND STORAGE TANK CLOSURE REPORT

11-22-04

I. General Information

A. Ownership of UST(s)

1. Name of UST owner:
   Ms. Carol Rhyner
2. Owner address & telephone number
   7802 West Hazzlewood St.
   Phoenix, AZ 85033
   623-631-3435

B. Facility Information

1. Facility name:
   Unknown
2. Facility ID #:
   Unknown
3. Facility address, telephone number & county:
   6002 Raeford Rd
   Fayetteville, NC
   Unknown/unoccupied

C. Contacts

1. Name, address, telephone number & job title of primary contact person:
   Ms. Carol Rhyner - Owner
   7802 West Hazzlewood St.
   Phoenix, AZ 85033
   623-631-3435
2. Name, address & telephone number of closure contractor:
   Environmental Hydrogeological Consultants, Inc.
   P.O. Box 902 / 207 West 4th Avenue
   Red Springs, North Carolina 28377
   (910) 843-4456
3. Name, address & telephone number of primary consultant:
   Environmental Hydrogeological Consultants, Inc.
   P.O. Box 902 / 207 West 4th Avenue
   Red Springs, North Carolina 28377
   (910) 843-4456
4. Name, address, telephone number & State certification number of laboratory:
   Environmental Science Corp.
   12065 Lebanon Road
   Mt. Juliet, Tennessee 37122
   (615) 758-5858
   NC State Certification #ENV375,DW21704

D. UST Information:

Tank #	Installation Date	Size in Gallons	Tank Dimensions	Last Contents	Previous Contents (if any)
1	**1960's ?**	**3,000**	**5' 4" x 18'**	**Gasoline**	
2	**1960's ?**	**3,000**	**5' 4" x 18'**	**Gasoline**	
3	**1960's ?**	**550**	**4' X 6'**	**Kerosene**	

E. Site Characteristics:

1. Describe any past releases at this site:
   None known

2. Is the facility active or inactive? If inactive, note the last time USTs were in operation:
   Inactive, since about late 1970's or early 1980's.

3. Describe surrounding property use (residential, commercial, farming, etc.):
   Commercial (Hardee's Fast Food, Auto Repair Shop, Gas Stations, etc.)

4. Describe site geology/hydrogeology:
   Tan/brown sandy clay material. Ground water was not encountered during soil borings.

II. Closure Procedures

A. Describe preparations for closure including the steps taken to notify authorities, permits obtained & the steps taken to clean & purge the tank(s):
Notified UST Section, USTs pumped out of remaining fuel/water and inerted with F-500.

B. Note the amount of residual material pumped from the tank(s):
Total of 150 gallons of water/fuel pumped from all three tanks

C. Describe the storage, sampling & disposal of the residual material:
EHC, Inc. personnel utilizing DOT 407/412 Vacuum Trailer pumped and transported to facility in Red Springs, NC under non-hazardous materials manifest.(see attached manifest).

D. Excavation:

1. Describe excavation procedures noting the condition of the soils and the dimensions of the
1. Describe excavation procedures noting the condition of the soils and the dimensions of the
UST was abandoned in place.

2. Note the depth of tank burial(s)(from top of tank):
USTs were approximately 2 feet below land surface

3. Quantity of soil removed:
None.

4. Describe soil type(s):
N/A

5. Type and source of backfill used:
N/A

E. Contaminated Soil:

1. Describe how it was determined to what extent to excavate the soil:
N/A

2. Describe method of temporary storage, sampling & treatment/disposal of soil:
NA

III. Site Investigation

A. Provide information on field screening & observations, include methods used to calibrate field screening instrument(s):
Field screening via Olfactory Method.

B. Describe soil sampling points & sampling procedures used:
Stainless steel hand auger was used to collect soil boring samples. Five soil samples were collectedfrom around the Gasoline USTs at approx. 10 ft below land surface. One soil sample was collected beside the K-1 UST at apprx. 8 ft below land surface. One soil sample was collected at the pump island at approximately 3 ft below land surface. SB 1 - SB 5 and SB 7 were submitted for laboratory analysis for Total Petroleum Hydrocarbons(TPH) 5030(Gasoline Range Organics). SB 6 was analyzed by 5030 and 3550(Diesel Range Organics). Please see attached site map for soil boring locations.

C. Describe groundwater or surface water sampling procedures used:
Ground water was not encountered.

D. Quality Control Measures:

On November 10, 2005 seven soil samples (SB-1, SB-2, SB-3, SB-4, SB-5, SB-6, & SB-7) were collected from the site by EHC personnel. The samples were placed in laboratory provided containers, packed in a cooler, iced, transported to EHC, Inc. and picked up by Federal Express on 11/11/05 for next day delivery to Environmental Science Corp. in Mt. Juliet, TN.

E. Investigation Results:

Laboratory results indicate TPH results are BDL (Below Detectable Limits) or below state action levels for SB 1, SB 2, SB 3, SB 4, SB 5, and SB 7. TPH results are only slightly above state action levels in SB 6 at 12 mg/kg via EPA 3550 analysis.

IV. Conclusions & Recommendations

Based on all of the available data including the soil chemistry results, it is our opinion no further action is required.

V. Signature of Professional Engineer or Licensed Geologist

SEAL

☐ **Professional Engineer Registration #:** _____

☐ **Licensed Geologist License #:** _____

PE / PG: _____

Project Manager: _____

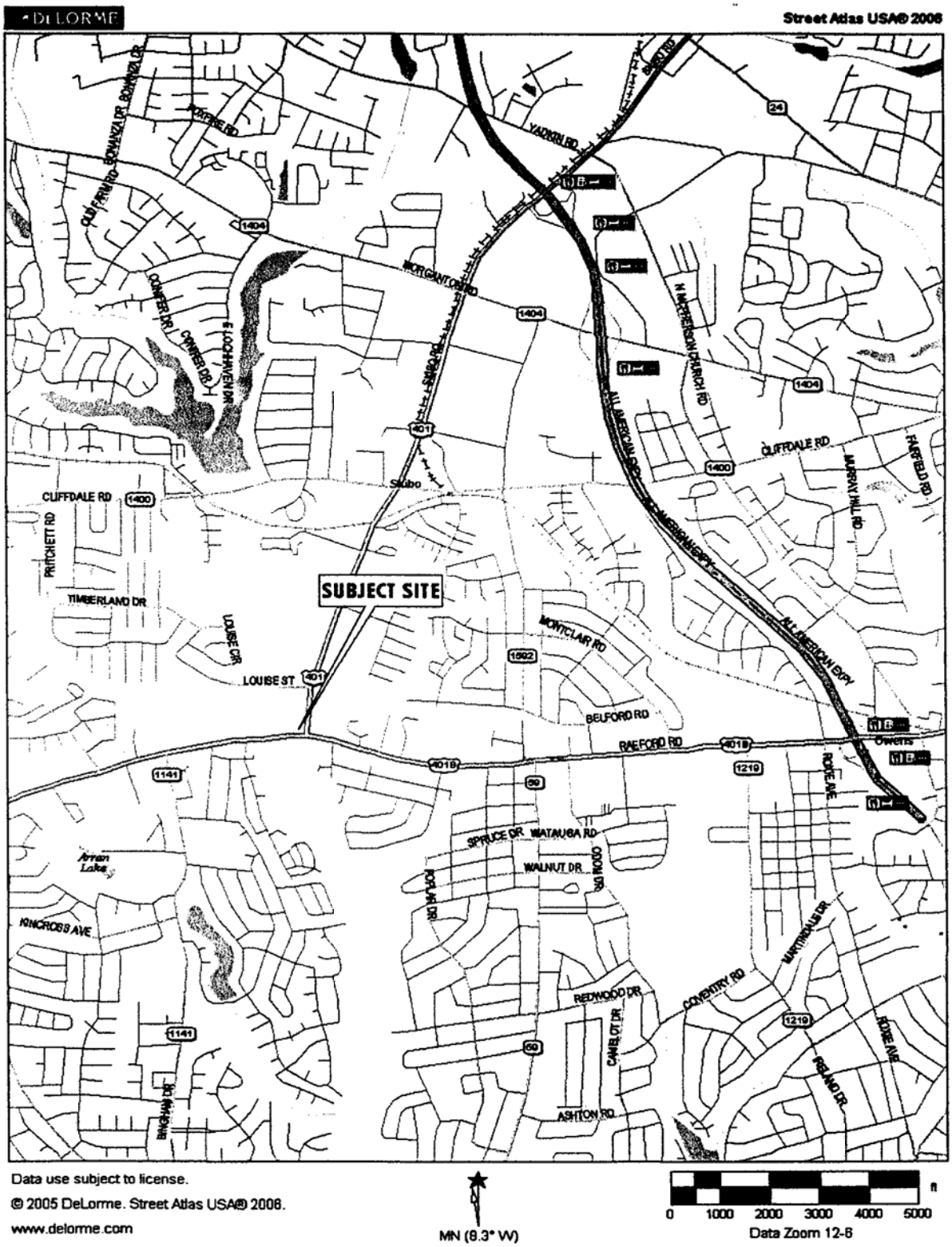
VI. Enclosures

A. Figures

1. Area Map
2. Site Map
   - Buildings
   - Underground utilities such as sewer lines & other conduits
   - Orientation of UST(s), pumps & product lines
   - Length, diameter & volume of UST(s)
   - Type of material(s) stored in UST(s) (currently & previously)
   - Sample location(s) (identified by letter or number)
   - Final limits of excavation
   - Scale
   - North arrow

B. Appendices

Appendix A: Notification of Intent to Close (GW/UST-3)
Appendix B: Site Investigation Report for Permanent Closure or Change-in-Service of UST (GW/UST-2)
Appendix C: Certificate of Tank Disposal
Appendix D: Soil, Water, Sludge Disposal Manifests
Appendix E: Laboratory Analytical Results
Appendix F: Chain-of-Custody Records
Appendix G: Site Sensitivity Evaluation (SSE) (if applicable)

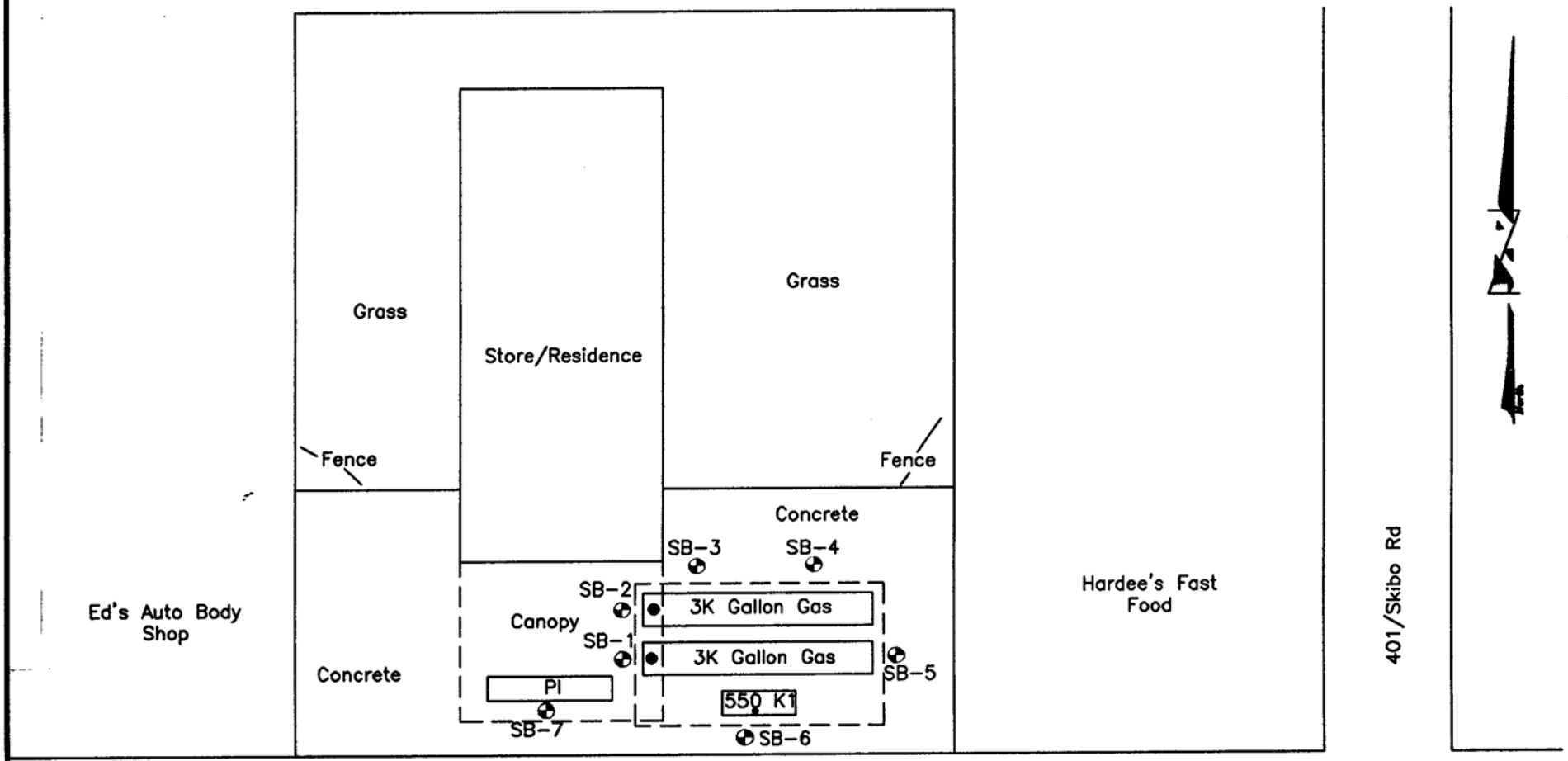


DELORME® Street Atlas USA
Version 6.0

FIGURE 1
AREA MAP

Site Location: 6002 Raeford Rd
Fayetteville, North Carolina

EHC
ENVIRONMENTAL HYDROGEOLOGICAL CONSULTANTS
HYDROLOGY • GEOLOGY • EXPLORATION • ANALYTICAL



EHC

ENVIRONMENTAL HYDROGEOLOGICAL CONSULTANTS
HYDROLOGY • GEOLOGY • EXPLORATION • ANALYTICAL

LEGEND

- Soil Boring Location
- Fill Pipe Location

Date: 11/29/05

PROJECT NO.: 05-UT1108-1

Drawn By: KAM

FIGURE 2

Site Map

6002 Raeford Rd.

Fayetteville, NC

NON-HAZARDOUS WASTE MANIFEST

EMERGENCY PHONE NO.
910-843-4456

EHC, INC.

Environmental Hydrogeological Consultants, Inc.
P.O. Box 902 • 207 W. Fourth Avenue
Red Springs, North Carolina 28377
Telephone: (910) 843-4456 • Fax: (910) 843-5376
www.environmentalnc.com

Manifest Document No.	
Page	of
EHC Project #	

GENERATOR INFORMATION

Name		US EPA ID No.
Street Address: 6002 RAEFORD RD FAYETEVILLE	Mailing Address	Phone No.
		Contact

DESCRIPTION OF MATERIALS

	HM	USDOT Proper Shipping Name (Complete All Items for Hazardous Materials)	Hazard Class or Div.	UN / NA ID No.	Packing Group	Containers Qty.	Containers Type	Total Quantity	Unit Wt./Vol.
a.		Gasoline mix with water.	III	1203	III	1	TT	150	G
b.									
c.									

ADDITIONAL INFORMATION		ERG. No.	Profile Code	Facility Use
a.		128		
b.				
c.				

GENERATOR'S CERTIFICATION

This is to certify that the above-described materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. I further certify that none of the materials described above are a hazardous waste as defined by EPA 40 CFR Part 261 or any applicable state law, and unless specifically identified above, the materials contain less than 1,000 ppm total halogens and do not contain quantifiable levels (2 ppm) of PCBs as defined by EPA 40 CFR Parts 279 and 761.

Printed / Typed Name	Signature	Mo. / Day / Yr.

TRANSPORTER INFORMATION

Transporter
Environmental Hydrogeological Consultants, Inc.

Address
P.O. Box 902 • 207 W. Fourth Avenue
Red Springs, NC 28377

Transporter or EPA ID No. **NCR 000136671** | Unit No.

Phone **(910) 843-4456**

I hereby acknowledge receipt of the above-described materials for transport from the generator site listed above.

Signature Brian Longley 6-21-05 Shipment Date

I hereby acknowledge that the above-described materials were received from the generator site and were transported to the facility listed below.

Signature Brian Longley 6-21-05 Delivery Date

FACILITY INFORMATION

Facility
Environmental Hydrogeological Consultants, Inc.

Address
P.O. Box 902 • 207 W. Fourth Avenue
Red Springs, NC 28377

Facility or EPA ID No. **NCR 000136671**

Phone **(910) 843-4456**

Contact **Thomas Ammons**

I hereby acknowledge receipt of the materials covered by this manifest except for any discrepancy noted below.

Signature Receipt Date

Discrepancies / Routing Codes / Handling Methods

a.

b.

c.

WHITE: Generator CANARY: Transporter #1 PINK: Transporter #2 GOLD: Generator

ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Thomas Ammons
EHC, Inc.
PO Box 902
Red Springs, NC 28377

November 17,2005

ESC Sample # : L222287-01

Date Received : November 12, 2005
Description : 6002 Raeford Rd

Site ID :

Sample ID : SB-1 10 FT

Project # : 05-UT1108-1

Collected By : Allen McColl
Collection Date : 11/10/05 11:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	93.6		%	2540G	11/16/05	1
TPH (GC/FID) Low Fraction	8.7	5.9	mg/kg	5030	11/15/05	55.5
Surrogate Recovery (70-130)						
a,a,a-Trifluorotoluene	96.		% Rec.	5030	11/15/05	55.5

Cheli Boucher, ESC Representative

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

Reported: 11/17/05 14:29 Printed: 11/17/05 14:29

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REPORT OF ANALYSIS

Mr. Thomas Ammons
EHC, Inc.
PO Box 902
Red Springs, NC 28377

November 17,2005

ESC Sample # : L222287-02

Date Received : November 12, 2005
Description : 6002 Raeford Rd

Site ID :

Sample ID : SB-2 10 FT

Project # : 05-UT1108-1

Collected By : Allen McColl
Collection Date : 11/10/05 12:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	95.5		%	2540G	11/16/05	1
TPH (GC/FID) Low Fraction	6.0	5.8	mg/kg	5030	11/15/05	55.5
Surrogate Recovery (70-130)						
a,a,a-Trifluorotoluene	96.		% Rec.	5030	11/15/05	55.5

Cheli Boucher, ESC Representative

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

Reported: 11/17/05 14:29 Printed: 11/17/05 14:29

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Thomas Ammons
EHC, Inc.
PO Box 902
Red Springs, NC 28377

November 17,2005

ESC Sample # : L222287-03

Date Received : November 12, 2005
Description : 6002 Raeford Rd

Site ID :

Sample ID : SB-3 10 FT

Project # : 05-UT1108-1

Collected By : Allen McColl
Collection Date : 11/10/05 13:15

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	90.1		%	2540G	11/16/05	1
TPH (GC/FID) Low Fraction	BDL	5.3	mg/kg	5030	11/15/05	47.5
Surrogate Recovery (70-130)						
a,a,a-Trifluorotoluene	95.		% Rec.	5030	11/15/05	47.5

Cheli Boucher, ESC Representative

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

Reported: 11/17/05 14:29 Printed: 11/17/05 14:29

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REPORT OF ANALYSIS

Mr. Thomas Ammons
EHC, Inc.
PO Box 902
Red Springs, NC 28377

November 17,2005

ESC Sample # : L222287-04

Date Received : November 12, 2005
Description : 6002 Raeford Rd

Site ID :

Sample ID : SB-4 10 FT

Project # : 05-UT1108-1

Collected By : Allen McColl
Collection Date : 11/10/05 14:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	84.8		%	2540G	11/16/05	1
TPH (GC/FID) Low Fraction	5.0	4.9	mg/kg	5030	11/15/05	41.5
Surrogate Recovery (70-130)						
a,a,a-Trifluorotoluene	96.		% Rec.	5030	11/15/05	41.5

Cheli Boucher, ESC Representative

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

Reported: 11/17/05 14:29 Printed: 11/17/05 14:29

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Est. 1970

REPORT OF ANALYSIS

Mr. Thomas Ammons
EHC, Inc.
PO Box 902
Red Springs, NC 28377

November 17,2005

ESC Sample # : L222287-05

Date Received : November 12, 2005
Description : 6002 Raeford Rd

Site ID :

Sample ID : SB-5 10 FT

Project # : 05-UT1108-1

Collected By : Allen McColl
Collection Date : 11/10/05 14:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	94.2		%	2540G	11/16/05	1
TPH (GC/FID) Low Fraction	BDL	5.5	mg/kg	5030	11/15/05	52
Surrogate Recovery (70-130)						
a,a,a-Trifluorotoluene	96.		% Rec.	5030	11/15/05	52

Cheli Boucher, ESC Representative

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

Reported: 11/17/05 14:29 Printed: 11/17/05 14:30

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Est. 1970

REPORT OF ANALYSIS

Mr. Thomas Ammons
EHC, Inc.
PO Box 902
Red Springs, NC 28377

November 17,2005

ESC Sample # : L222287-06

Site ID :

Project # : 05-UT1108-1

Date Received : November 12, 2005
Description : 6002 Raeford Rd

Sample ID : SB-6 8 FT

Collected By : Allen McColl
Collection Date : 11/10/05 15:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	86.5		%	2540G	11/16/05	1
TPH (GC/FID) Low Fraction	6.1	5.5	mg/kg	5030	11/15/05	47.5
Surrogate Recovery (70-130)						
a,a,a-Trifluorotoluene	96.		% Rec.	5030	11/15/05	47.5
TPH (GC/FID) High Fraction	12.	4.6	mg/kg	DRO	11/16/05	1
Surrogate Recovery (50-150)						
o-Terphenyl	76.		% Rec.	DRO	11/16/05	1

Cheli Boucher, ESC Representative

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

Reported: 11/17/05 14:29 Printed: 11/17/05 14:30

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Mt. Juliet, TN 37122
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1-800-767-5859
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Thomas Ammons
EHC, Inc.
PO Box 902
Red Springs, NC 28377

November 17,2005

ESC Sample # : L222287-07

Date Received : November 12, 2005
Description : 6002 Raeford Rd

Site ID :

Sample ID : SB-7 3 FT

Project # : 05-UT1108-1

Collected By : Allen McColl
Collection Date : 11/10/05 15:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	90.0		%	2540G	11/16/05	1
TPH (GC/FID) Low Fraction	BDL	5.0	mg/kg	5030	11/15/05	45.5
Surrogate Recovery (70-130)						
a,a,a-Trifluorotoluene	96.		% Rec.	5030	11/15/05	45.5

Cheli Boucher, ESC Representative

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

Reported: 11/17/05 14:29 Printed: 11/17/05 14:30

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SCIENCE CORP.

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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

Mr. Thomas Ammons
EHC, Inc.
PO Box 902
Red Springs, NC 28377

November 17,2005

ESC Sample # : L222287-08

Date Received : November 12, 2005
Description : 6002 Raeford Rd

Site ID :

Sample ID : TRIP BLANK

Project # : 05-UT1108-1

Collected By : Allen McColl
Collection Date : 11/10/05 00:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
TPH (GC/FID) Low Fraction	BDL	100	ug/l	5030	11/16/05	1
Surrogate Recovery (70-130)						
a,a,a-Trifluorotoluene	97.		% Rec.	5030	11/16/05	1

Cb

Cheli Boucher, ESC Representative

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

Note:
The reported analytical results relate only to the sample submitted.

Reported: 11/17/05 14:29 Printed: 11/17/05 14:30

Company Name/Address:
EHC, Inc.

PO Box 902
Red Springs,NC 28377

Alternate billing information:

Report to: Thomas Ammons

Email to:

Project Description: 6002 Raeford Rd.

City/State Collected: Fayetteville, NC

Phone: (910) 843-4456
FAX: (910) 843-5376

Client Project #: 05-UT1108-1

ESC Key:

Collected by: Allen McColl

Site/Facility ID#:

P.O.#:

Collected by (signature): Allen McColl

Packed on Ice N (Y)

Rush? (Lab MUST Be Notified)
____ Same Day.....200%
____ Next Day.....100%
____ Two Day.....50%

Date Results Needed: normal

Email? X No__Yes
FAX? X No__Yes

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	5030 - GRO	3550 - DRO/5030 - GRO						Remarks/Contaminant	Sample # (lab only)
SB-1	Grab	SS	10'	11/10/05	11:30am	2	X								L222287-01
SB-2					12:00pm	2	X								-02
SB-3					1:15pm	2	X								-03
SB-4					2:00pm	2	X								-04
SB-5			↓		2:30pm	2	X								-05
SB-6			8'		3:00pm	2		X							-06
SB-7	↓	↓	3'	↓	3:30pm	2	X								-07
Trip Blank						1									-08

Chain of Custody Page 1 of 1

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

CoCode: ENVHYD (lab use only)
Template/Prelogin
Shipped Via:

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____

Remarks: 7907 0981 85133

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐	Condition: (lab use only)
Allen McColl	11/11/05				OK
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.6°C / Bottles Received: 14 / TB	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 11/12/05 / Time: 945	pH Checked: / NCF:

FA-2945

Recd
Feb 09 2005

S&ME

December 27, 2004

Carol Rhyner
7802 West Hazelwood Street
Phoenix, Arizona 85033

Attention: Ms. Carol Rhyner

Reference: **SOIL AND GROUNDWATER SAMPLING SERVICES**
6002 Raeford Road
Fayetteville, North Carolina
Job No. 1034-04-049

Dear Ms. Rhyner:

S&ME, Inc. (S&ME) is pleased to present the findings of our soil and groundwater sampling services conducted on the above referenced property in accordance with our Proposal No EPRO-04-11-06 dated November 22, 2004.

PROJECT INFORMATION

Based on our November 19, 2004 telephone conversation, we understand that the subject property is a former store, which operated an underground storage tank (UST) system. According to you, at least two tanks, which contained gasoline and kerosene, are located on the property. Two former gasoline dispensers were located in front of the building and one former kerosene dispenser was located at the southeast corner of the building. To the best of your knowledge, the UST system has not been operated since at least the late 1970s or early 1980s.

On November 19, 2004, Mr. Jamie T. Honeycutt with S&ME visited the subject property (Figure 1). Three fill ports and vent pipes associated with three USTs and three former fuel dispenser locations were observed on the property. No other visual signs of fill ports or vent pipes associated with USTs or former fuel dispenser locations were observed on the property. According to you, no other USTs are located on the property.

S&ME, Inc.
409 Chicago Drive, Suite 116
Fayetteville, North Carolina 28306

(910) 323-1091
(910) 323-3499 fax
www.smeinc.com

The following services were provided by S&ME for the purpose of screening the site for potential impacts stemming from the former UST system at the subject property.

SUBSURFACE INVESTIGATION

On December 1, 2004, S&ME personnel observed three fill ports and vent pipes, associated with three USTs located at the front southeastern side of the building. S&ME personnel opened the fill ports for the tanks. The depth to the bottom of the tanks measured approximately 8 feet below land surface (bls). Approximately one to two inches of water with an odor similar to gasoline were observed in two tanks located next to each other, which are partially located under the front canopy of the building. Approximately two inches of water with an odor similar to kerosene were observed in the tank located southeast of the first two tanks.

Two former fuel dispenser locations were observed in front of the building. One former fuel dispenser location was observed at the southeast corner of the building.

S&ME advanced five Geoprobe test probes (#1 through #5) on the subject property. The approximate locations of the test probes are shown in Figure 2. Test probes #1, #2 and #5 were located at the former fuel dispenser locations. Test probe #3 (GW-1) was located near the fill ports for the two former gasoline tanks partially located under the front canopy of the building. Test probe #4 (GW-2) was originally located near the fill port for the former kerosene tank. An obstruction was encountered at this location and test probe #4 (GW-2) was offset further away from the fill port.

Soil samples were collected from each location at two-foot depth intervals. The soil samples were visually classified and field scanned with an Organic Vapor Analyzer (OVA) for the presence of volatile organic compounds (VOCs).

The soils encountered at the test probe locations primarily consisted of sand, clayey sand and sandy clay to a depth of approximately 12 feet bls. Pieces of concrete and asphalt were also encountered at the test probe locations. Groundwater was encountered at a depth of approximately 14 feet bls.

One soil sample was selected from each test probe location and forwarded to Enco Laboratories in Cary, North Carolina. The soil samples collected from test probes #1 and #2 located at the former gasoline dispenser locations at the front of the building and the soil sample collected from test probe #3 (GW-1) located near the fill ports for the former gasoline tanks were analyzed for Gasoline Range Organics by EPA Method 5030. The soil samples collected from test probe #5 located at the former kerosene fuel dispenser location at the southeast corner of the building and test probe #4 (GW-2) located near the former kerosene tank were analyzed for Gasoline Range Organics and Diesel Range Organics by EPA Methods 5030/3550.

The Geoprobe was used to advance test probes #3 (GW-1) and #4 (GW-2) into the groundwater. A groundwater sample was collected using the Geoprobe at each of these two test probe locations from a depth interval of approximately 14 to 18 feet bls. The groundwater samples were also forwarded to Enco Laboratories in Cary, North Carolina. The groundwater samples were analyzed for volatile organics by EPA Method 624. After the sampling had been completed, the test probe and soil boring locations were backfilled with bentonite pellets and soil cuttings.

LABORATORY ANALYTICAL RESULTS

Soil Screening

A review of the soil field screening data shows that no measurable OVA readings were observed in any of the selected soil samples except for test probe #4 (GW-2) located near the former kerosene tank. A strong petroleum odor was observed at test probe #4 (GW-2) starting at a depth of approximately 8 bls. Table 1 summarizes the soil field screening data for the collected soil samples.

Laboratory results for the collected soil samples show that Gasoline Range Organics were detected at test probe #1, which was located at the southwest former gasoline dispenser location. At a depth of approximately 4 feet bls in test probe #1, a concentration of 7.9 milligrams per kilogram (mg/Kg), was reported, which is below the North Carolina Reportable Concentration level of 10 mg/Kg. Gasoline Range Organics and Diesel Range Organics were detected at test probe #4 (GW-2), which was located near the former kerosene tank, at a depth of approximately 12 feet bls at a concentration of 1,100 mg/Kg and 3,400 mg/Kg, respectively, which are above the North Carolina Reportable Concentration level of 10 mg/Kg. All other soil samples were below the method detection limits. Table 2 summarizes the laboratory analytical results for soil samples collected at the subject property.

Groundwater Quality

Methy tert-butyl ether (MTBE) was detected at test probes #3 (GW-1) and #4 (GW-2) at a concentration of 8.7 and 33 micrograms per liter (ug/L) respectively, which are below the North Carolina Groundwater Quality Standard of 200 ug/L for MTBE. No other analyzed volatile organic compounds were detected in any of the collected groundwater samples at the subject property. Table 3 summarizes the laboratory analytical results for the collected groundwater samples. Copies of the laboratory reports are included in Appendix I.

CONCLUSION

Based on the laboratory results, it appears that a release has occurred at the USTs located on the subject property at a concentration which exceeds the North Carolina Reportable Concentration level. However, no petroleum constituents were detected in the groundwater samples collected on the subject property at a concentration, which exceed the North Carolina Groundwater Quality Standards.

Based on these findings, we understand that a copy of this report should be forwarded to the North Carolina Department of Environment and Natural Resources (NCDENR) by the property owner.

The purpose of this soil and groundwater sampling program was to screen the immediate areas of the identified USTs and dispensers for petroleum fuel product constituents. No data was collected nor is any representation made regarding areas of the site other than the specific sampling locations or for other contaminants.

S&ME appreciates having the opportunity to provide our services to you. Should you have any questions, please do not hesitate to contact us at your convenience.

Very truly yours,

S&ME, INC.

Jamie T. Honeycutt
Environmental Staff Professional

Senior Review by:

Ernest F. Parker, Jr. P.E., P.G.
Senior Environmental Consultant

Table 1

OVA Readings
Soil and Groundwater Sampling Services

6002 Raeford Road
Fayetteville, North Carolina
S&ME Job No. 1034-04-049

Location	Depth (ft.)	OVA Reading (ppm)
Test Probe # 1 (Southwest former gasoline dispenser)	0 - 4	0
Test Probe # 2 (Southeast former gasoline dispenser)	0 - 4	0
Test Probe # 3 (GW-1) (Near former gasoline tanks)	0-12	0
Test Probe # 4 (GW-2) (Near former kerosene tank)	0-6 8 10 12	0 12 160 + 1000
Test Probe # 5 (Former kerosene dispenser)	0-4	0

Notes:
ppm = parts per million
ft.: feet

Table 2

Summary of Soil Analytical Data
Soil and Groundwater Sampling Services

6002 Raeford Road
Fayetteville, North Carolina
S&ME Job No. 1034-04-049

Analysis Compound	Test Probe # 1 Southwest former gasoline dispenser	Test Probe # 2 Southeast former gasoline dispenser	Test Probe #3 (GW-1) Near former gasoline tanks	Test Probe #4 (GW-2) Near former kerosene tank	Test Probe # 5 Former kerosene dispenser	Reportable Concentration
	4'	4'	12'	12'	4'	
EPA Method 5030 Gasoline Range Organics	7.9	BDL	BDL	**1,100**	BDL	**10**
EPA Method 3550 Diesel Range Organics	NA	NA	NA	**3,400**	BDL	**10**

All quantities expressed in mg/Kg milligrams per kilograms (parts per million)
BDL: below method detection limits
NA: not analyzed
Constituents not listed were below the detection limit of the analytical method.
Regulatory standards as set forth in "Guidelines for Assessment and Corrective Action, North Carolina Underground Storage Tank Section"
Analytical results greater than applicable standards are given in bold print.

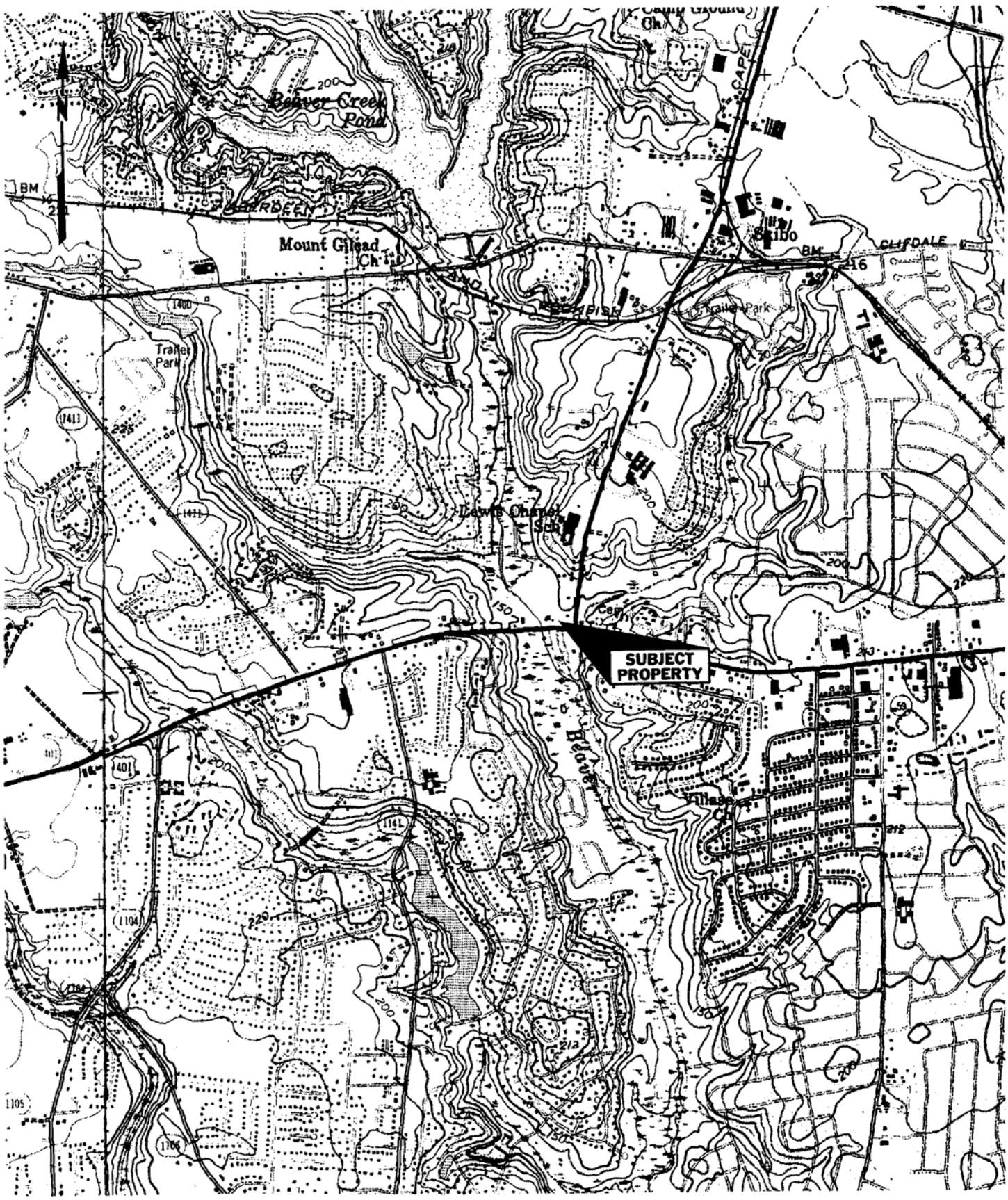
Table 3

Summary of Groundwater Quality Data
Soil and Groundwater Sampling Services

6002 Raeford Road
Fayetteville, North Carolina
S&ME Job No. 1034-04-049

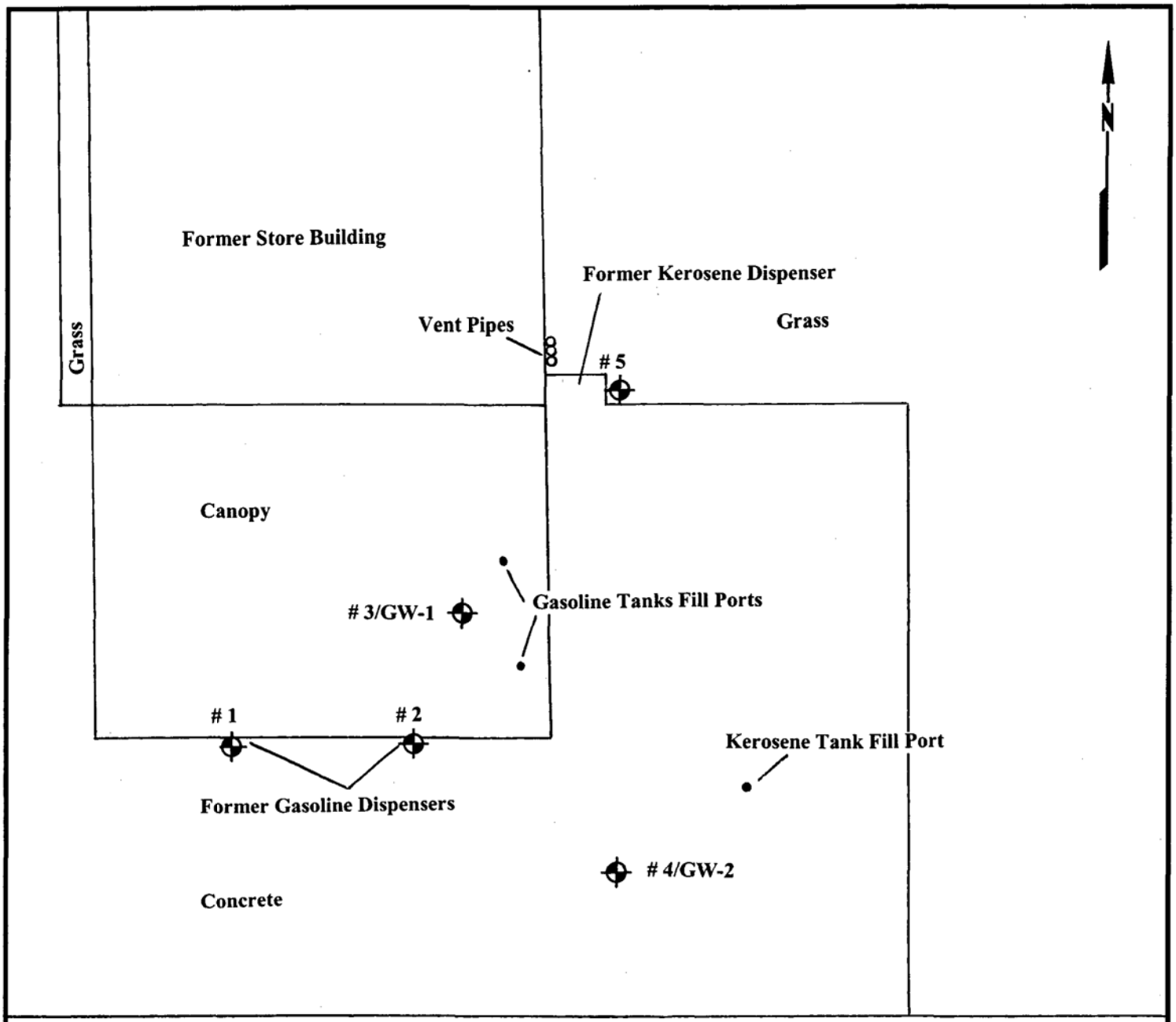
Analysis Compound	Test Probe # 3 (GW-1) Near former gasoline tanks	Test Probe # 4 (GW-2) Near former kerosene tank	2L Regulatory Standards
Method 624			
MTBE	8.7	33	200
Benzene	BDL	BDL	
Toluene	BDL	BDL	
Ethylbenzene	BDL	BDL	
Xylenes	BDL	BDL	
Isopropyl Ether	BDL	BDL	
Naphthalene	BDL	BDL	

Groundwater samples were not collected at any other location
All quantities expressed in ug/L micrograms per liter (parts per billion)
BDL: below method detection limits
Regulatory standards as set forth in 15A NCAC 2L, "Classifications and Standards Applicable to the Groundwaters of North Carolina" or in guidance documents issued by the NCDENR.
Analytical results greater than applicable standards are given in bold print.



Scale 1" = 2,000'

Job No : 1034-04-049	S&ME	**SITE VICINITY MAP**	Figure No:
Date: 12/23/04		6002 Raeford Road Fayetteville, North Carolina	1
Ref: Fayetteville Quadrangle			



Approximate sample location

Approximate Scale 1" = 10'

Job No : 1034-04-049 Date: 12/23/04 Ref:	S&ME	SAMPLE LOCATION MAP 6002 Raeford Road Fayetteville, North Carolina	Figure No: 2

Environmental Conservation Laboratories, Inc.
1015 Passport Way
Cary, North Carolina 27513-2042
919 / 677-1669
Fax 919 / 677-9846
www.encolabs.com

ENCO Laboratories

CLIENT : S&ME, Inc.
ADDRESS: 409 Chicago Dr.
Suite 116
Fayetteville, NC 28306

REPORT # : CRY17023
DATE SUBMITTED: December 2, 2004
DATE REPORTED : December 8, 2004

ATTENTION: Mr. Jamie Honeycutt

SAMPLE IDENTIFICATION

Samples submitted and
identified by client as:

REFERENCE: 1034-04-049

Raeford Rd.

12/01/04

CRY17023-1	: #1	@ 13:00
CRY17023-2	: #2	@ 13:30
CRY17023-3	: #3	@ 13:40
CRY17023-4	: #4	@ 15:00
CRY17023-5	: #5	@ 15:30
CRY17023-6	: GW-1	@ 16:00
CRY17023-7	: GW-2	@ 15:15

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. This data has been produced in accordance with NELAC Standards (July, 2002). This report shall not be reproduced except in full, without the written approval of the laboratory. Results for these procedures apply only to the samples as submitted.

Note: Analytical values are reported on a dry weight basis.

PROJECT MANAGER Chuck Smith
Chuck Smith

RESULTS OF ANALYSIS

EPA METHOD 8015 MODIFIED - GASOLINE RANGE ORGANICS	#1	#2	Units
GRO (C6-C10)	7.9 D1	4.7 U D2	mg/Kg
Surrogate:	**% RECOV**	**% RECOV**	**LIMITS**
2,5-Dibromotoluene	100	88	59-168
Date Analyzed	12/06/04 18:21	12/06/04 18:52	

MISCELLANEOUS	METHOD	#1	#2	Units
Percent Solids	ENCO WETS 72	91	90	%
Date Analyzed		12/03/04 10:30	12/03/04 10:30	

U = Compound was analyzed for but not detected to the level shown.
D1 = Analyte value determined from a 1:117 dilution.
D2 = Analyte value determined from a 1:85 dilution.

RESULTS OF ANALYSIS

EPA METHOD 8015 MODIFIED - DIESEL RANGE ORGANICS	#3	#4	Units
DRO (C10-C24)	NR	**3400** D3	mg/Kg
Surrogate:		**% RECOV**	**LIMITS**
o-Terphenyl		88	34-140
Date Prepared		12/02/04 09:00	
Date Analyzed		12/02/04 18:25	

EPA METHOD 8015 MODIFIED - GASOLINE RANGE ORGANICS	#3	#4	Units
GRO (C6-C10)	5.8 U D4	**1100** D5	mg/Kg
Surrogate:	**% RECOV**	**% RECOV**	**LIMITS**
2,5-Dibromotoluene	80	*	59-168
Date Analyzed	12/06/04 19:23	12/06/04 20:24	

MISCELLANEOUS	METHOD	#3	#4	Units
Percent Solids	ENCO WETS 72	**88**	**93**	%
Date Analyzed		12/03/04 10:30	12/03/04 10:30	

* = Recovery unavailable due to high concentration of target analyte.
NR = Analysis not requested for this sample.
U = Compound was analyzed for but not detected to the level shown.
D3 = Analyte value determined from a 1:20 dilution.
D4 = Analyte value determined from a 1:103 dilution.
D5 = Analyte value determined from a 1:100 dilution.

RESULTS OF ANALYSIS

EPA METHOD 624 - VOLATILE ORGANICS	#5	GW-1	Units
Methyl tert-butyl ether	NR	**8.7**	ug/L
Benzene	NR	1.0 U	ug/L
Toluene	NR	1.0 U	ug/L
Ethylbenzene	NR	1.0 U	ug/L
m-Xylene & p-Xylene	NR	2.0 U	ug/L
o-Xylene	NR	1.0 U	ug/L
Isopropyl Ether	NR	1.0 U	ug/L
Naphthalene	NR	2.0 U	ug/L
Surrogate:		**% RECOV**	**LIMITS**
Dibromofluoromethane		90	73-138
D8-Toluene		93	77-118
Bromofluorobenzene		91	70-130
Date Analyzed		12/03/04 18:53	

EPA METHOD 8015 MODIFIED - DIESEL RANGE ORGANICS	#5	GW-1	Units
DRO (C10-C24)	3.6 U	NR	mg/Kg
Surrogate:	**% RECOV**		**LIMITS**
o-Terphenyl	87		34-140
Date Prepared	12/02/04 09:00		
Date Analyzed	12/02/04 15:01		

NR = Analysis not requested for this sample.
U = Compound was analyzed for but not detected to the level shown.

RESULTS OF ANALYSIS

EPA METHOD 8015 MODIFIED - GASOLINE RANGE ORGANICS	#5	GW-1	Units
GRO (C6-C10)	5.0 U D6	NR	mg/Kg
Surrogate:	**% RECOV**		**LIMITS**
2,5-Dibromotoluene	81		59-168
Date Analyzed	12/06/04 19:53		

MISCELLANEOUS	METHOD	#5	GW-1	Units
Percent Solids	ENCO WETS 72	**91**	NR	%
Date Analyzed		12/03/04 10:30		

NR = Analysis not requested for this sample.
U = Compound was analyzed for but not detected to the level shown.
D6 = Analyte value determined from a 1:92 dilution.

RESULTS OF ANALYSIS

EPA METHOD 624 - VOLATILE ORGANICS	GW-2	LAB BLANK	Units
Methyl tert-butyl ether	33	1.0 U	ug/L
Benzene	1.0 U	1.0 U	ug/L
Toluene	1.0 U	1.0 U	ug/L
Ethylbenzene	1.0 U	1.0 U	ug/L
m-Xylene & p-Xylene	2.0 U	2.0 U	ug/L
o-Xylene	1.0 U	1.0 U	ug/L
Isopropyl Ether	1.0 U	1.0 U	ug/L
Naphthalene	2.0 U	2.0 U	ug/L
Surrogate:	**% RECOV**	**% RECOV**	**LIMITS**
Dibromofluoromethane	90	95	73-138
D8-Toluene	95	98	77-118
Bromofluorobenzene	93	96	70-130
Date Analyzed	12/03/04 19:19	12/03/04 08:52	

EPA METHOD 8015 MODIFIED - DIESEL RANGE ORGANICS	GW-2	LAB BLANK	Units
DRO (C10-C24)	NR	3.3 U	mg/Kg
Surrogate:		**% RECOV**	**LIMITS**
o-Terphenyl		83	34-140
Date Prepared		12/02/04 09:00	
Date Analyzed		12/02/04 12:18	

NR = Analysis not requested for this sample.
U = Compound was analyzed for but not detected to the level shown.

RESULTS OF ANALYSIS

EPA METHOD 8015 MODIFIED - GASOLINE RANGE ORGANICS	GW-2	LAB BLANK	Units
GRO (C6-C10)	NR	5.0 U D5	mg/Kg
Surrogate:		**% RECOV**	**LIMITS**
2,5-Dibromotoluene		100	59-168
Date Analyzed		12/06/04 11:52	

NR = Analysis not requested for this sample.
U = Compound was analyzed for but not detected to the level shown.
D5 = Analyte value determined from a 1:100 dilution.

LABORATORY CERTIFICATIONS

Laboratory Certification: NCDENR:591

All analyses reported with this project were analyzed by the facility indicated unless identified below.

QUALITY CONTROL DATA

Parameter	% RECOVERY LCS/MS/MSD	LCS LIMITS	MS/MSD LIMITS	RPD MS/MSD	RPD LIMITS
EPA Method 624					
1,1-Dichloroethene	98/ 97/ 98	64-139	36-177	1	30
Benzene	102/ 99/101	69-115	53-150	2	23
Trichloroethene	95/ 97/ 97	74-118	64-124	<1	25
Toluene	89/ 92/ 90	77-117	40-161	2	23
Chlorobenzene	92/ 94/ 94	76-118	44-128	<1	22
EPA Method 8015 MODIFIED					
DRO (C10-C24)	70/ 72/ 72	49-102	14-162	<1	31
EPA Method 8015 MODIFIED					
GRO (C6-C10)	90/ 85/ 87	51-115	45-162	2	24

< = Less Than
MS = Matrix Spike
MSD = Matrix Spike Duplicate
LCS = Laboratory Control Standard
RPD = Relative Percent Difference

CHAIN OF CUSTODY RECORD

S&ME
ENVIRONMENTAL SERVICES
ENGINEERING • TESTING

P.O. No.: _____
Branch: _____
Department: _____

S&ME Job No.	Project Name
1034 04-049	6002 Raeford Rd

Samplers: (signature) James T Honeycutt

Station No.	Date	Time	Comp.	Grab		Number of Containers	GRO	GRO/DRO	BTEX MTBE-IPE + Naphthalene				REMARKS
	12-1	1:00		✓	#1			✓					
		1:30		✓	#2			✓					
		1:40		✓	#3			✓					
		3:00		✓	#4				✓				
		3:30		✓	#5				✓				
		2:00		✓	GW-1					✓			
		3:15		✓	GW-2					✓			

Relinquished by: (signature)	Date:	Time:	Received by: (signature)	Relinquished by: (signature)	Date:	Time:	Received by: (signature)
James T Honeycutt	12.1.04	6:00 PM					
Relinquished by: (signature)	Date:	Time:	Received by: (signature)	Relinquished by: (signature)	Date:	Time:	Received by: (signature)
					12/2/04	10:46	
Relinquished by: (signature)	Date:	Time:	Received by: (Signature)	Remarks			
				CA 17023			

NCDENR
North Carolina Department of Environment and Natural Resources

Michael F. Easley, Governor
William G. Ross Jr., Secretary

Division of Waste Management
Underground Storage Tank Section

Dexter R. Matthews, Director

January 26, 2006

Carol Rhyner
7802 West Hazzlewood Street
Phoenix, AZ 85033

Re: Notice of No Further Action
15A NCAC 2L .0115(h)
Risk-based Assessment and Corrective Action
for Petroleum Underground Storage Tanks

Rhyner Property
6002 Raeford Road
Cumberland County
FA-2945
Risk Classification: Low
Ranking: L0R

Dear Ms. Rhyner:

The Underground Storage Tank (UST) Closure Report or Soil Contamination Report received by the Underground Storage Tank (UST) Section, Fayetteville Regional Office on January 26, 2006, has been reviewed. The review indicates that after tank closure or soil excavation soil contamination does not exceed the lower of the soil-to-groundwater or residential maximum soil contaminant concentrations (MSCCs), established in Title 15A NCAC 2L .0115(m).

The UST Section determines that no further action is warranted for this incident. This determination shall apply unless the UST Section later finds that the discharge or release poses an unacceptable risk or a potentially unacceptable risk to human health or the environment. Pursuant to Title 15A NCAC 2L .0115(e) you have a continuing obligation to notify the Department of any changes that might affect the risk or land use classifications that have been assigned.

This No Further Action determination applies only to the subject incident; for any other incidents at the subject site, the responsible party must continue to address contamination as required.

If you have any questions regarding this notice, please contact me at the address or telephone number listed below.

Sincerely,

James W. Brown
Hydrogeologist II
Fayetteville Regional Office

UST Regional Offices

Asheville (ARO) – 2090 US Highway 70, Swannanoa, NC 28778 **(828) 296-4500**

Fayetteville (FAY) – 225 Green Street, Suite 714, Systel Building, Fayetteville, NC 28301 **(910) 486-1541**

Mooresville (MOR) – 610 East Center Avenue, Suite 301, Mooresville, NC 28115 **(704) 663-1699**

Raleigh (RRO) – 1628 Mail Service Center, Raleigh, NC 27699 (919) **791-4200**

Washington (WAS) – 943 Washington Square Mall, Washington, NC 27889 **(252) 946-6481**

Wilmington (WIL) – 127 Cardinal Drive Extension, Wilmington, NC 28405 **(910) 796-7215**

Winston-Salem (WS) – 585 Waughtown Street, Winston-Salem, NC 27107 **(336) 771-4600**

Guilford County Environmental Health, 1203 Maple Street, Greensboro, NC 27405, **(336) 641-3771**

FTP: NFA closure NOR1005.dot