



ENGINEERING CONSULTANTS, INC.



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P.O. Box 18846 • Zip 27419-8846 • 313 Gallimore Dairy Road • Greensboro, NC 27409 • p 336.668.0093 • f 336.668.3868

November 20, 2007

Mr. Don Moore, L.G.
North Carolina Department of Transportation
Geotechnical Unit
GeoEnvironmental Section
1589 Mail Service Center
Raleigh, North Carolina 27699-1589

Reference: **UST Closure Report**
WBS Element No. 34406.1.1, TIP No. R-2241A
US 501 from NC 49 I Roxboro to south of SR 1602
Roxboro, Person County, North Carolina
Trigon Project No. 075-07-007

Dear Mr. Moore:

Please find enclosed our report summarizing the closure activities of two non-regulated 200-gallon gasoline underground storage tanks (USTs) located at the referenced site. This report summarizes our field activities and observations. Our conclusions are contained herein.

Should questions arise or additional information be required, please contact the undersigned.

Sincerely,

TRIGON ENGINEERING CONSULTANTS, INC.


Jonathon W. Motes
Staff Scientist


John M. Stewart, P.G.
Site Assessment Department Manager

JWM/JMS:cas

Attachments

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Thank you for our success.

Underground Storage Tank Closure Report

**Parcel No. 53 – Marion Clayton Whitt Property
1244 Providence Road
US 501 from NC 49 in Roxboro to South of SR 1602
Roxboro, Person County, North Carolina**

**NCDOT WBS ELEMENT 34406.1.1
TIP R-2241A**

November 20, 2007

Prepared for:

**Mr. Don Moore, L. G.
North Carolina Department of Transportation
Geotechnical Unit
GeoEnvironmental Section
1589 Mail Service Center
Raleigh, North Carolina 27699-1589**

Prepared by:

**Trigon Engineering Consultants, Inc.
313 Gallimore Dairy Road
Greensboro, North Carolina 27409**

Trigon Project No. 075-07-007

Underground Storage Tank Closure Report

Site Name and Location: Marion Clayton Whitt Property
1244 Providence Road
Roxboro, North Carolina

Latitude and Longitude: 36 ° 25' 16" North, 78° 57' 31" West

Date of Report: November 20, 2007

Land Use Category: Residential

NCDOT Project No.: WBS Element 34406.1.1
TIP R-2241A

UST Owner and Responsible Party: Marion Clayton Whitt
1244 Providence Road
Roxboro, North Carolina

Consultant: Trigon Engineering Consultants, Inc.
313 Gallimore Dairy Road
Greensboro, North Carolina 27409
Attn: Mr. John M. Stewart
Phone: 336.668.0093

Site Information: Two underground storage tanks (USTs) were removed from this site on October 1, 2007. The UST system at the referenced site included two 200-gallon gasoline tanks and two dispensers located directly above the tanks. Inspection of the tank and surrounding soil revealed no evidence of a release.

Seal and Signature of Certifying Licensed Geologist

I, John M. Stewart, a Licensed Geologist for Trigon Engineering Consultants, Inc., do certify that the information contained in this report is correct and accurate to the best of my knowledge.

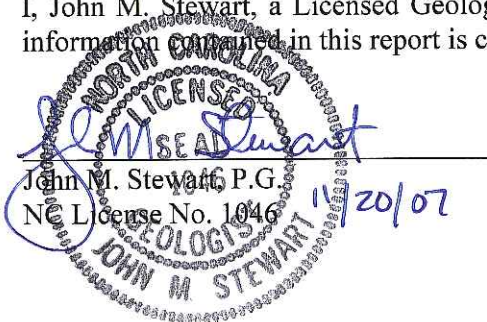

John M. Stewart, P.G.
NC License No. 1046
11/20/07

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- 2 UST Location Map

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- A Site Photographs
- B Liquid Disposal Manifest
- C Tank Disposal Manifest

1.0 SITE HISTORY

The site is located on the north side of Providence Road approximately one mile northeast of the intersection of US 501 and NC 49 in Roxboro, Person County, North Carolina (Figure 1). The property has a physical address of 1244 Providence Road. Two 200-gallon gasoline USTs with individual dispensers were located adjacent to (east side) the residence located on the property. The USTs were located beneath the concrete driveway next to the house (Appendix A: Photographs 1 and 2). The USTs had reportedly been installed approximately 30 years ago and had not been in service for the past 20 years. In a September 12, 2007 Notice to Proceed Letter, NCDOT contracted Trigon to remove the USTs and contaminated soil, if necessary.

2.0 UST CLOSURE PROCEDURES

On October 1, 2007, Trigon personnel along with, personnel from A & D Environmental Services, Inc. (A & D) of High Point, North Carolina mobilized to the site. UST closure activities were performed by A&D and observed by a Trigon geologist. Prior to excavation, the remaining contents of the USTs were pumped into a vacuum truck. A total of 226 gallons of non-hazardous liquid and sludge was pumped from the USTs and transported to A&D's facilities in Archdale, North Carolina for disposal. A copy of the liquid material manifest is included in Appendix B.

At approximately 9:00 a.m. A&D began removing the concrete covering the USTs. The USTs were removed from the ground at 10:00 a.m. and 10:30 a.m., respectively. The USTs were nested side by side and oriented in an east-west direction. The top of the USTs was located approximately 3.0 feet below ground surface. The USTs were coated steel construction. Close inspection of the exterior surface revealed that the USTs were in good condition. No pitting, corrosion, or holes were observed. The USTs were loaded onto a truck and transported by A&D to D. H. Griffin Scrap Metal in Greensboro, North Carolina for disposal. A copy of the tank disposal manifest is included in Appendix C. Photographs of the UST removal are included in Appendix A.

3.0 SITE INVESTIGATION

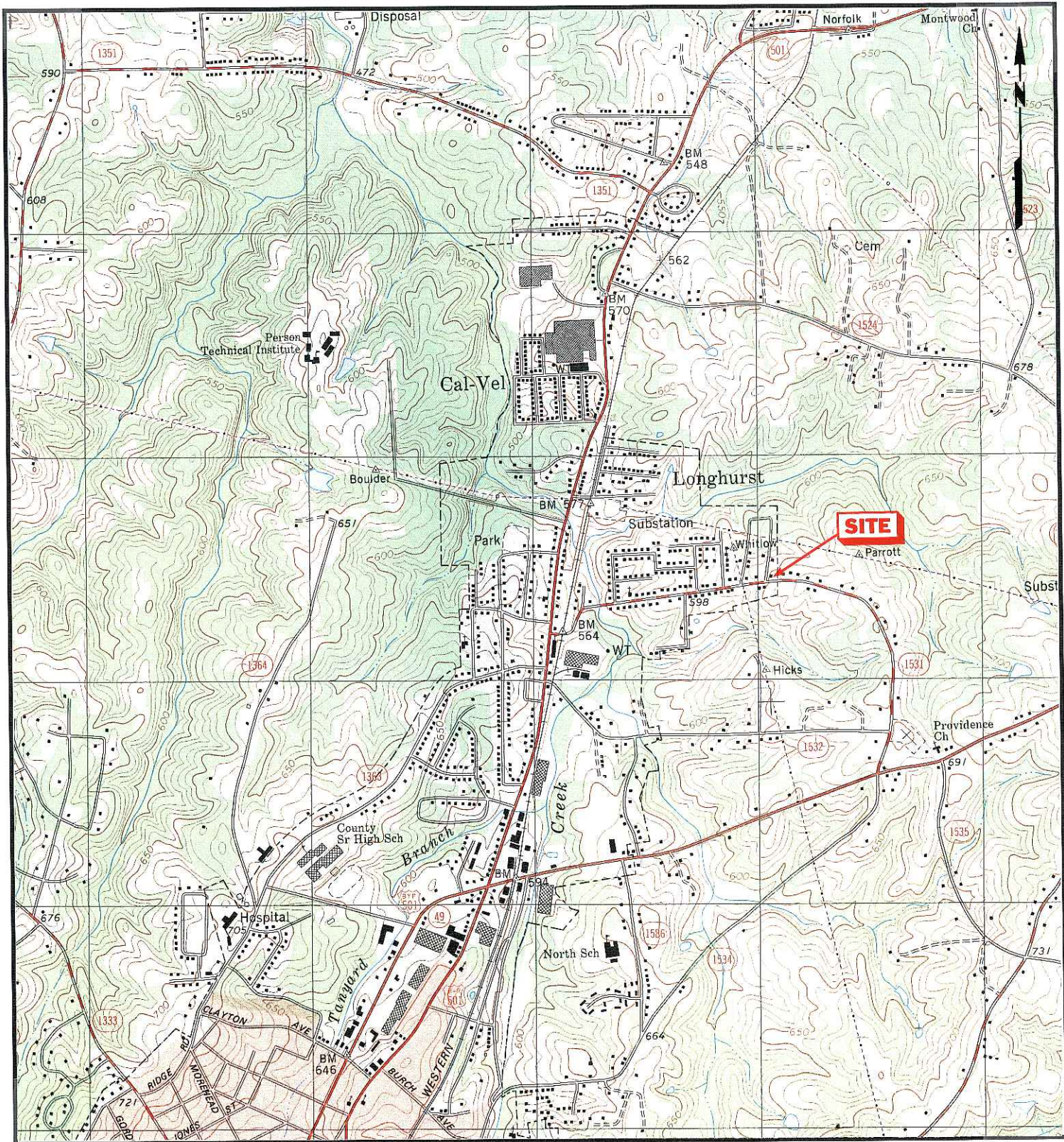
There was no evidence of a release, such as petroleum odors or stained soil, from either UST system. The excavation was backfilled with clean soil and capped with stone.

4.0 CONCLUSIONS

Based on the results of our field observations, Trigon presents the following conclusions and recommendations:

- Two non-regulated 200-gallon gasoline USTs and dispensers were removed from the site on October 1, 2007. The USTs were of coated steel construction and were in good condition.
- There was no field evidence that a release had occurred from the UST.

FIGURES



Trigon Engineering Consultants, Inc.
 313 Gallimore Dairy Road
 Greensboro, North Carolina 27409

SCALE:
 1" = 2,000'

DATE:
 10/12/07

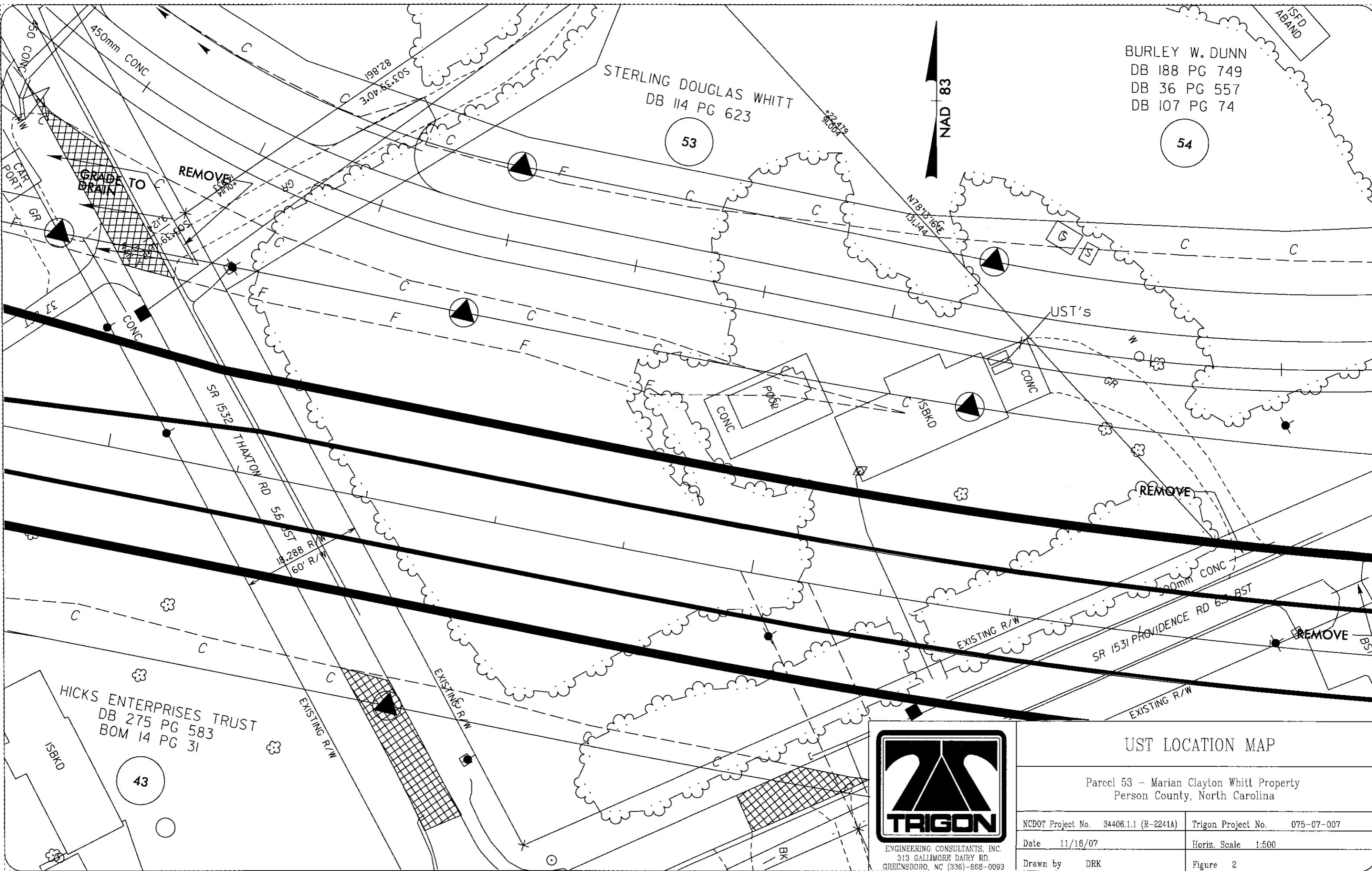
APPROVED BY:

SOURCE: 1982 USGS TOPOGRAPHIC
 MAP, ROXBORO, NC QUADRANGLE

UNDERGROUND STORAGE TANK CLOSURE REPORT
 NCDOT WBS ELEMENT 34406.1.1, TIP NO. R-2241A
 US 501 FROM NC 49 IN ROXBORO TO SOUTH OF SR 1602
 ROXBORO, PERSON COUNTY, NORTH CAROLINA
 TRIGON PROJECT No. 075-07-007

SITE LOCATION MAP

FIGURE
 1



BURLEY W. DUNN
 DB 188 PG 749
 DB 36 PG 557
 DB 107 PG 74

STERLING DOUGLAS WHITT
 DB 114 PG 623

HICKS ENTERPRISES TRUST
 DB 275 PG 583
 BOM 14 PG 31



ENGINEERING CONSULTANTS, INC.
 313 GALLIMORE DAIRY RD.
 GREENSBORO, NC (336)-668-0093

UST LOCATION MAP

Parcel 53 - Marian Clayton Whitt Property
 Person County, North Carolina

NCDOT Project No. 34406.1.1 (R-2241A)	Trigon Project No. 075-07-007
Date 11/16/07	Horiz. Scale 1:500
Drawn by DRK	Figure 2

APPENDIX A

**SITE PHOTOGRAPHS
WHITT PROPERTY
WBS ELEMENT No. 34406.1.1
TIP No. R-2241A**



Photograph 1 – View of the two UST dispensers and fill ports.



Photograph 2 – View of the two UST dispensers and fill ports.

**SITE PHOTOGRAPHS
WHITT PROPERTY
WBS ELEMENT No. 34406.1.1
TIP No. R-2241A**



Photograph 3 - Preparing to remove the USTs.



Photograph 4 - Removing the first tank from the ground.

**SITE PHOTOGRAPHS
WHITT PROPERTY
WBS ELEMENT No. 34406.1.1
TIP No. R-2241A**



Photograph 5 – Removing the second tank.



Photograph 6 – Condition of the second tank.

**SITE PHOTOGRAPHS
WHITT PROPERTY
WBS ELEMENT No. 34406.1.1
TIP No. R-2241A**



Photograph 7 – Condition of the first tank.



Photograph 8 – Excavation in the process of being backfilled.

APPENDIX B

MATERIAL & MANIFEST

A & D Environmental and Industrial Services, Inc.

EMERGENCY PHONE NO.
(800) 434 - 7750

POST OFFICE BOX 484
HIGH POINT, NC 27261

TEL (336) 434-7750
FAX (336) 434-7752

Manifest Document No. <i>72101</i>
Page <i>1</i> of <i>1</i>
A & D Job No. <i>72101</i>

GENERATOR INFORMATION

Name <i>Trigon Engineering</i>	US EPA ID No.	
Street Address <i>1241 Providence Rd. Roxboro, N.C.</i>	Mailing Address <i>Trigon Engineering Greensboro, N.C. 27409</i>	Phone No. <i>336-668-0093</i>
		Contact <i>John Stewart</i>

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. Type	Total Quantity	Unit Wt./ Vol.
a.	<i>Non-Hazardous Liquids</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>1 TT</i>	<i>226</i>	<i>G</i>
b.							
c.							

ADDITIONAL INFORMATION

	ERG No.	A & D Profile Code	Facility Use
a.			<i>Petroleum Cont. Waters</i>
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 <i>Jon Marks (Trigon Engineering)</i>	Signature <i>[Signature]</i>	Mo. / Day / Yr. <i>10/1/07</i>
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TRANSPORTER INFORMATION

Transporter A & D ENVIRONMENTAL AND INDUSTRIAL SERVICES	<i>I hereby acknowledge receipt of the above-described materials for transport from the generator site listed above.</i>	
Address 2718 UWHARRIE ROAD ARCHDALE, NC 27263	Signature <i>[Signature]</i>	Shipment Date <i>10-1-07</i>
Transporter or EPA ID No. NCD986232221	Unit No. <i>UT-6</i>	<i>I hereby acknowledge that the above-described materials were received from the generator site and were transported to the facility listed below.</i>
Phone (336) 434-7750	Signature <i>[Signature]</i>	Delivery Date <i>10-1-07</i>

FACILITY INFORMATION

Facility A & D ENVIRONMENTAL AND INDUSTRIAL SERVICES	<i>I hereby acknowledge receipt of the materials covered by this manifest except for any discrepancy noted below.</i>	
Address 2718 UWHARRIE ROAD ARCHDALE, NC 27263	Signature <i>[Signature]</i>	Receipt Date <i>10-1-07</i>
Facility or EPA ID No. NCD986232221	Discrepancies / Routing Codes / Handling Methods	
Phone (336) 434-7750	a.	<i>[Handwritten]</i>
Contact ERIC McMANUS	b.	
	c.	

APPENDIX C



Environmental and Industrial Services

P.O. Box 484 • High Point, NC • Phone (336) 434-7750 • FAX (336) 434-7752

TANK DISPOSAL MANIFEST

1) Tank Owner/Authorized Representative: Name and Mailing Address Trigon Engineering
Greensboro, N.C. 27409
Resident, 1244 Providence Rd.
RoXBoro, N.C.

2) Tank Owner/Authorized Representative: Contact Trigon Engineering/John Stewart
 Phone#: 336-668-0093

3) Description Of Tanks:

Tank No.	Capacity	Previous Contents	Comments
<u>1</u>	<u>200 G</u>	<u>Gasoline</u>	
<u>2</u>	<u>200 G</u>	<u>Gasoline</u>	

4) Tank Owner/Authorized Representative Certification: The undersigned certifies that the above listed storage tanks have been removed from the premises of the tank owner.

X John Stokes [Signature] 01/10/07
 Printed/Typed Name Signature Month/Day/Year

5) Transporter: The undersigned certifies that the above listed storage tanks have been transported to A&D Environmental and Industrial Services, 2718 Uwharrie Road, Archdale, N.C. 27263.

[Signature] [Signature] [Signature]
 Printed/Typed Name Signature Month/Day/Year

6) Disposal Certification: The undersigned certifies that the above-named storage tank(s) have been cut into scrap pieces and accepted by the metal recycling facility.

Recycling Facility: D H Griffin Greensboro N.C.

Tamara Elay [Signature] 10-8-07
 Printed/Typed Name Signature Month/Day/Year