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President

REX OIL COMPANY
1000 Lexington Ave.
Thomasville, NC 27360

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FAX (910) 472-3368

UNDERGROUND STORAGE TANK ASSESSMENT/CLOSURE REPORT

Rex Oil Company/ Mebane Mobil Mart
Route #1, N.C. State Highway 119 & I-85
Alamance County
Mebane, NC 27360

Facility No. 0-023874

REX OIL COMPANY, INC.
Post Office Box 1050
Thomasville, North Carolina 27360

ENVIRO-SOIL, INC.
Post Office Box 2212
Matthews, North Carolina 28106

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1.0 INTRODUCTION

ENVIRO-SOIL, INC. was retained by Rex Oil Company, Inc. to conduct testing for the assessment, analyticals and permanent closure of four underground storage tanks at our facility located at the northeast corner of the intersection of I-85 and NC Highway 119, Mebane, Alamance County, North Carolina. Location of the site is indicated on the map presented as Figure 1, Appendix A. Figure 1 is an excerpt from the USGS 7.5', Mebane Topographical Map.

Closure included the removal of two 10,000 gallon underground storage tanks (UST) and two 4000 gallon UST. The two 10,000 gallon UST and one 4,000 gallon UST were used to store various grades of gasoline. The remaining 4000 gallon UST was used to store diesel fuel. The tanks were taken out of service in February 1992 when the DOT began construction on I-85, which would remove any access to the site. A general site plan of the facility, including tank locations and sample locations, is included as Figure 2, Appendix A.

2.0 ASSESSMENT ACTIVITIES

Excavation of the underground storage tanks was begun on December 20, 1993. During removal, Enviro-Soil personnel were on-site to collect soil samples. Mole Construction and Rex technicians performed the excavation and abandonment procedures following standard API 1604 practices. To prepare the tanks for removal the tanks were de-gassed with dry ice. Upon removal, the was a vent hole created and the tank was labeled. Field

screening of the soil included inspection for petroleum related odors and screening samples with a Gastech Environmental Hydrocarbon Vapor Tester. As indicated in Figure 2, samples were collected for each tank as required. Soil sample collection points are as indicated on the site plan. The samples were collected from approximately 30cm to 60cm under the floor of the tank excavation, in native soil. Samples were collected with a thin walled, hand held auger. All samples were placed in glass containers with no head space, packed tight with a stainless steel spatula. The jars were then sealed with foil and screw caps, placed in a cooler and transported to a state certified lab. All sampling devices were decontaminated between samples with a non-phosphate detergent and water wash, a tap water rinse, an organic free deionized water rinse, a methanol rinse, another organic free deionized water rinse and then wrapped in aluminum foil. The laboratory analytical report and chain of custody is presented in Appendix B.

Disposal of the four tanks was conducted by Safeway Tank Disposal, Inc. The tank disposal manifest is presented in Appendix C. A copy of the GW/UST -2 form completed for this site is also included in Appendix C.

During removal, no groundwater was encountered within the excavation. The soil was a dense clay. Following tank removal, clean excavated soil and backfill was placed in the excavations.

3.0 RESULTS & CONCLUSIONS

No evidence of corrosion was observed on the bottom or sides of the tanks during post-removal inspection. No visible evidence of petroleum staining was present in three of the excavations. In one excavation there was one area at the end of the tank where some contamination was found in sample 308i. When sample 308i had some hydrocarbon odor the soil was stockpiled. The stockpile was less than 50 square yards and sample 308j was taken from it. At the time of resampling (369d) , more samples were taken from along the lines. The excavation was filled with clean fill dirt and the contaminated soil was removed by Mole Construction and hauled by Overcash Trucking to the Enviro-Soil, Inc. landfarm facility in Mineral Springs, NC. Trucking manifests are in Appendix C. Additional samples were taken subsequent to soil removal. Analytical results for the samples collected (Appendix B) indicate that samples taken were below or at the detection limit of 1 ppm for TPH 5030- gasoline range values. Post remediation sampling of the removed soil will be updated to the regional office.



State of North Carolina
 Department of Environment, Health and Natural Resources
 Winston-Salem Regional Office

James G. Martin, Governor
 William W. Cobey, Jr., Secretary

Margaret Plemmons Foster
 Regional Manager

DIVISION OF ENVIRONMENTAL MANAGEMENT
 GROUNDWATER SECTION

Aug 5, 1992

Marcia Hawkins
Rex Oil Co.
1000 Lexington Ave.
Sherrillsville NC 27360

Dear Ms. Hawkins:

This letter is to acknowledge your Notification of Tank Closure as received Aug 3, 1992 and filed as Melrose Mobile. All future correspondence must contain the file name as well as address and county in the subject to ensure its receipt into out filing system.

The results of the required assessment (NCAC Title 15A Subchapter 2N Section .0803 and 40 CFR Part 280.72) should be submitted to this office no later than thirty (30) days after the tank is closed. If there is evidence of a release or suspected release, it must be reported within twenty-four (24) hours.

Also, please remember that to permanently close a tank, owners and operators must empty and clean it by removing all liquids and accumulated sludges as required under 15A 2N .0802 and 40 CFR 280.71(b).

Groundwater Section staff will be conducting random site visits to ensure that underground storage tank closures are conducted as required in 15A 2N .0802 and .0803 and 40 CFR 280.71 and 280.72. Any violations documented may be submitted for enforcement action.

Enclosed is an attachment that is to be used for the information required for closure assessment. You may contact me at the letterhead address or telephone number between the hours of 9:00 - 10:00 a.m. and 1:30 - 2:30 p.m. if you have any questions concerning these requirements.

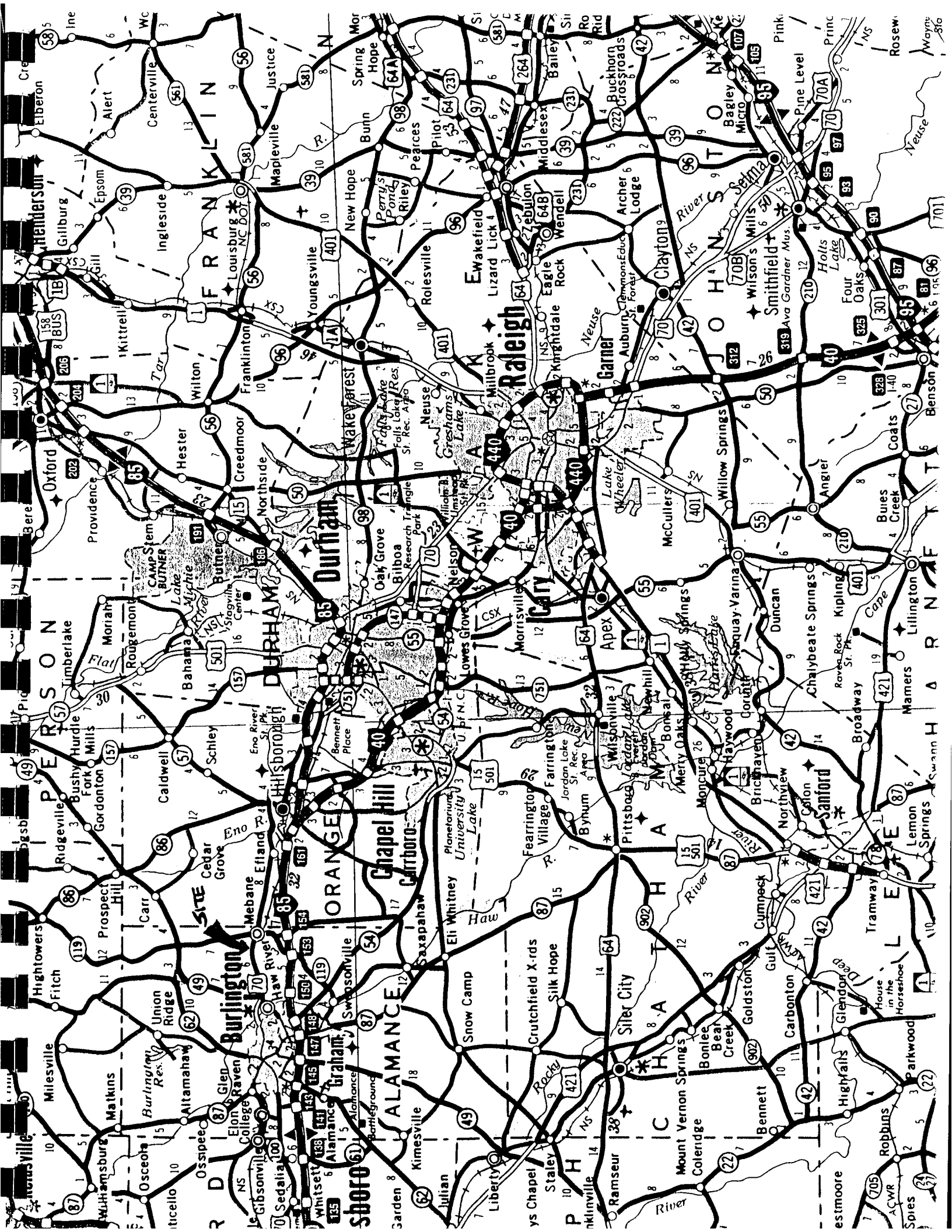
Sincerely,

Thomas A. Salley
 Hydrogeological Technician

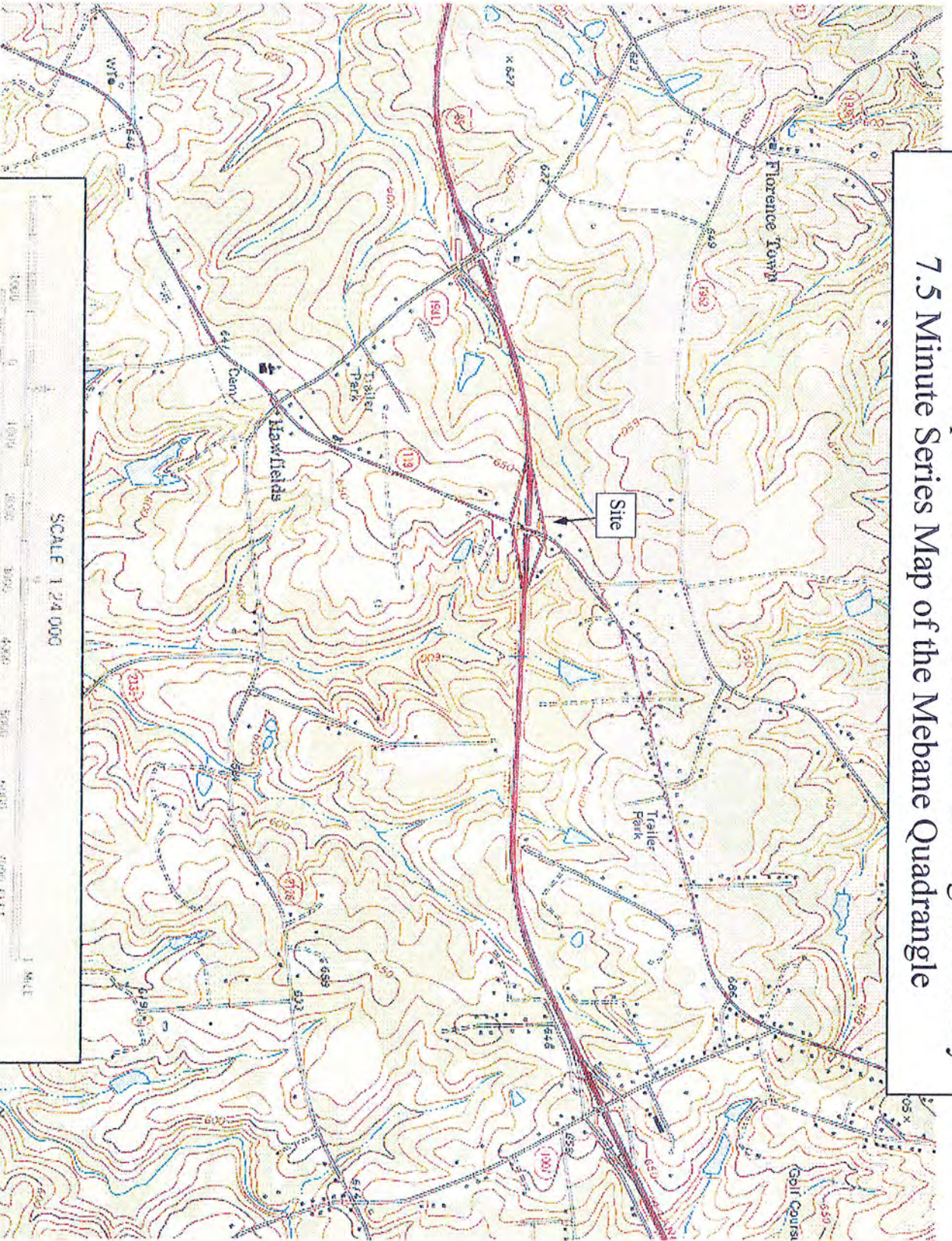
TAS/ahl
 Enclosure
 cc: WSRO

Carolina Tank Service

8025 North Point Boulevard, Suite 100, Winston-Salem, N.C. 27106-3203 • Telephone 919-896-7007 • Fax 919-896-7005



Selected Portion of
United States Department Of The Interior Geological Survey
7.5 Minute Series Map of the Mebane Quadrangle



SCALE 1:24,000

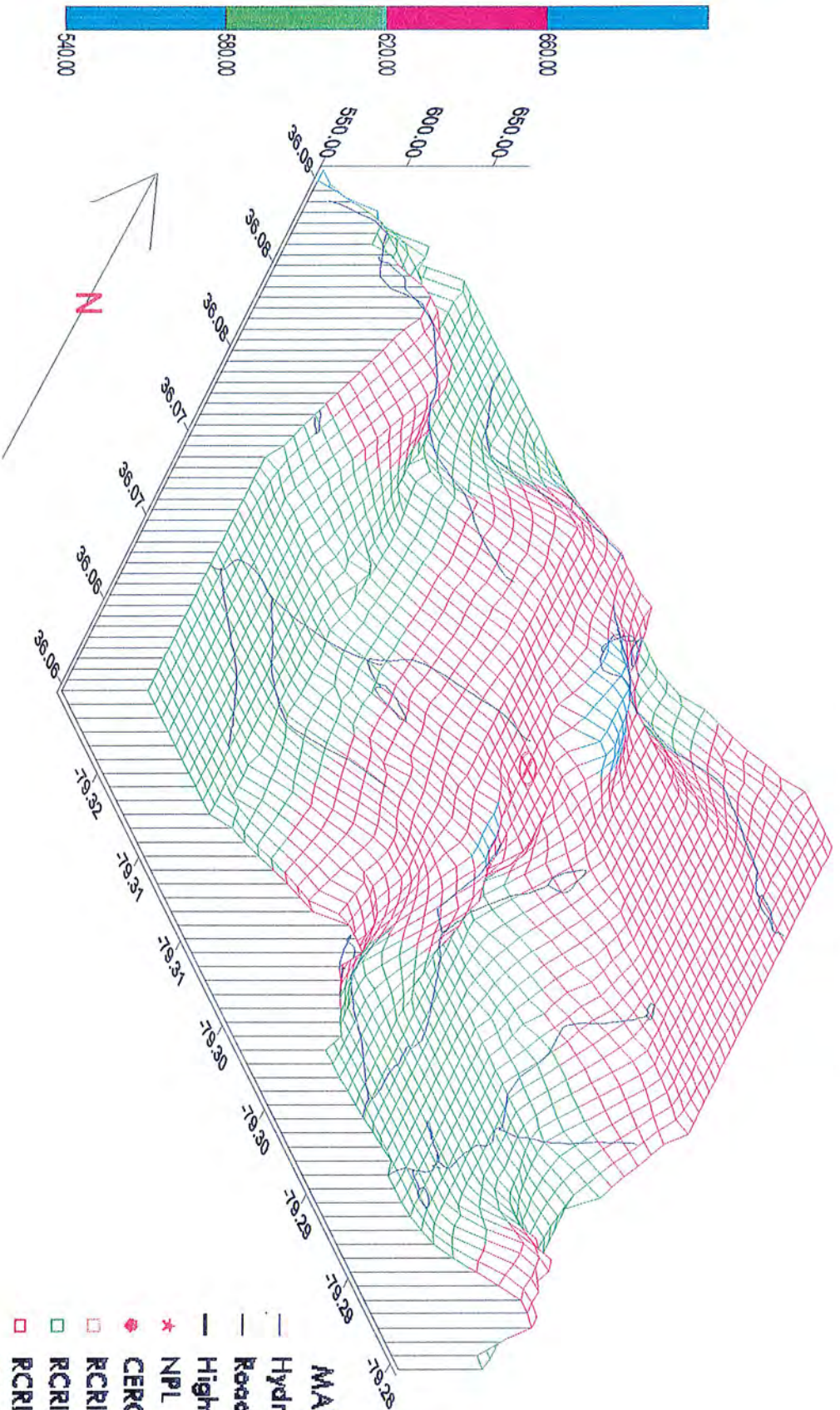
CONTOUR INTERVAL 10 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

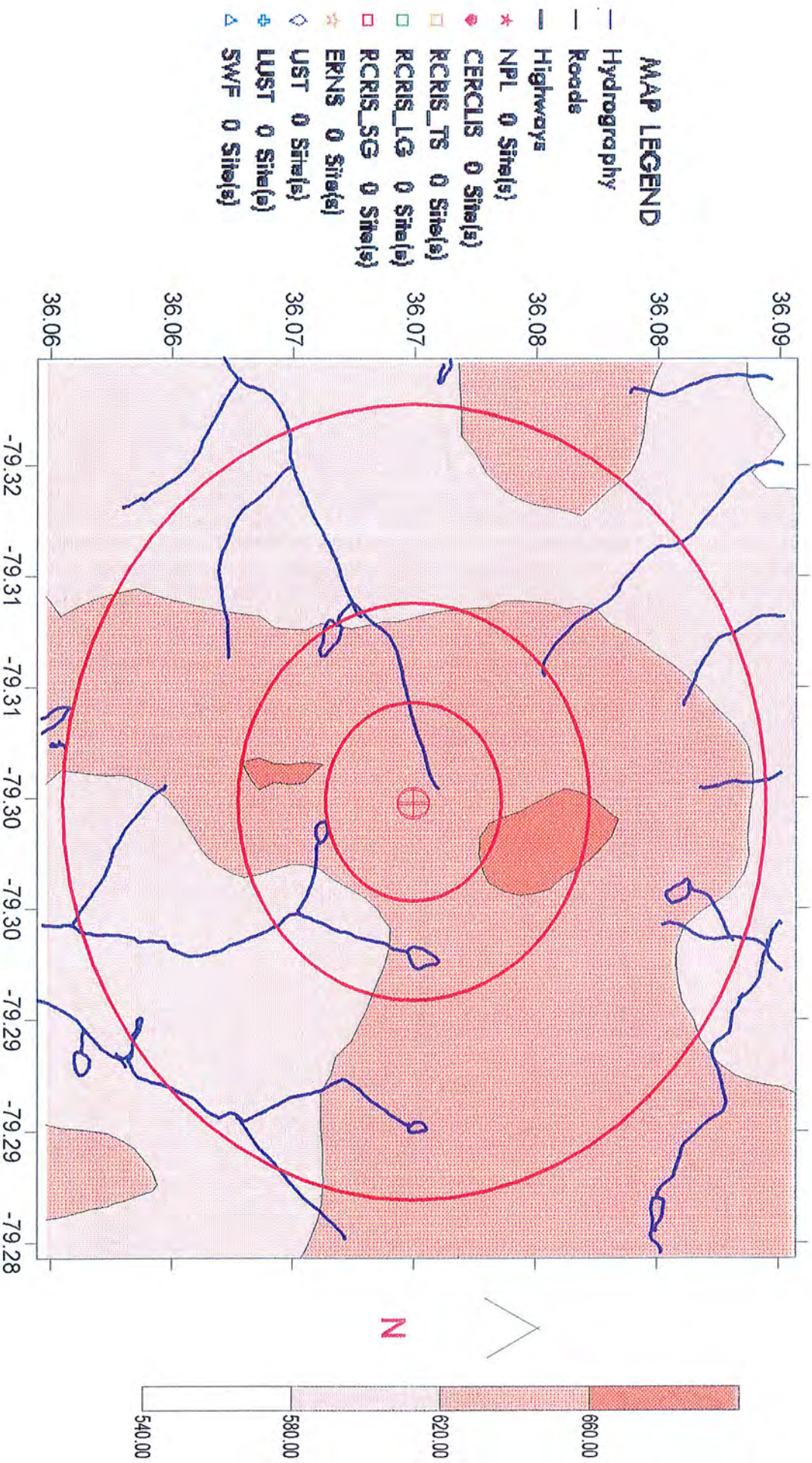
1 KILOMETER

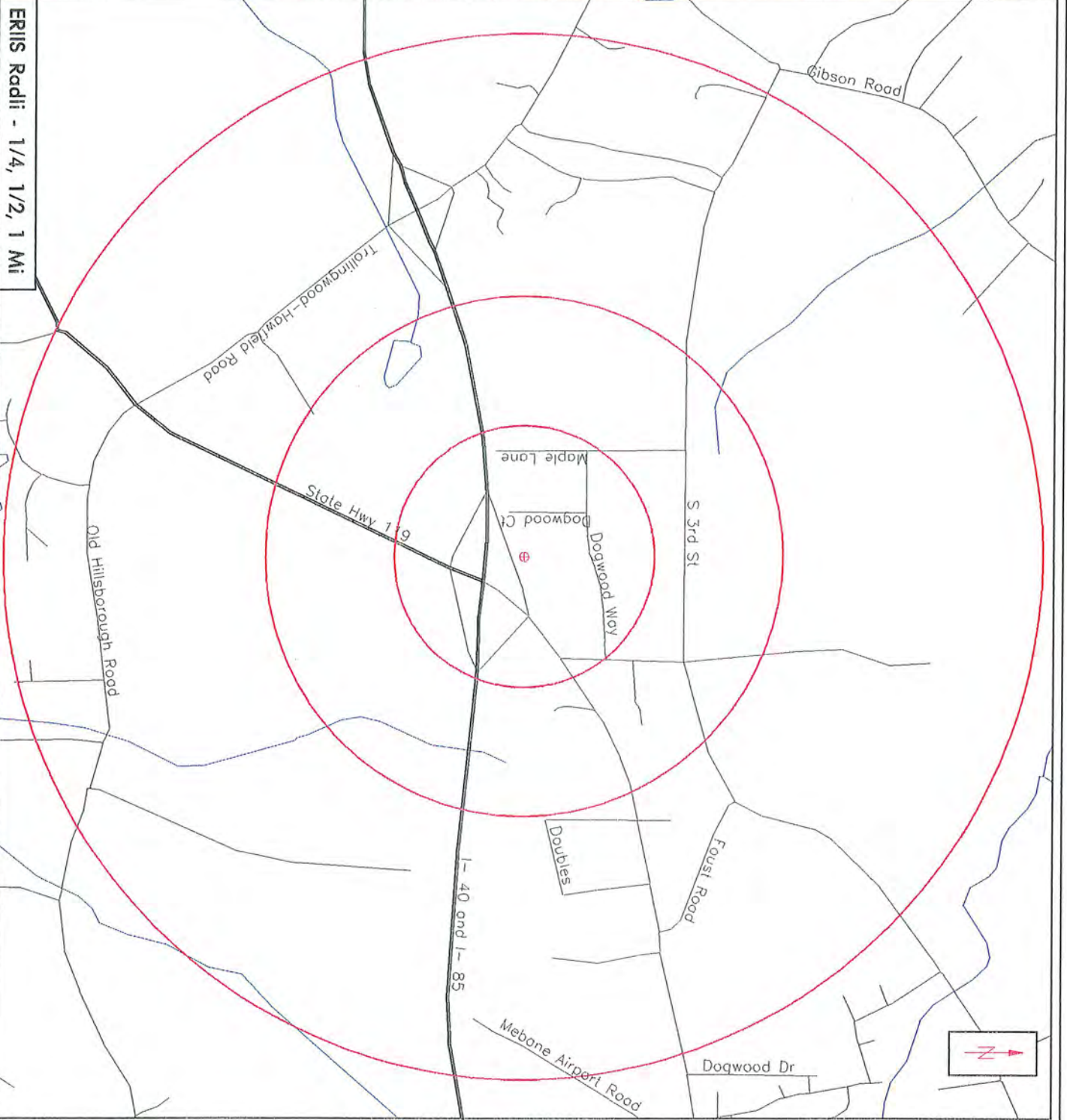
1 MILE

3D Topographic Map Mebane, North Carolina



Contoured Filled Map Mebane, North Carolina





ERIS Radii - 1/4, 1/2, 1 Mi



1421 Prince Street, Suite 230
 Alexandria, VA 22314
 (703)836-0402 (800)989-0402
 FAX: (703)836-0468

SITE INFORMATION

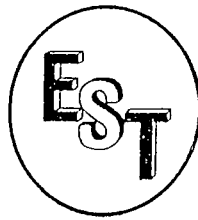
Northwest Corner of
 Highway 119 & I-85
 Mebane, NC
 Alamance County
 Job Number: 12083A
 Map Plotted: Sep 15, 1994

MAP LEGEND

- Hydrography
- Roads
- Highways
- ★ NPL 0 Site(s)
- CERCLIS 0 Site(s)
- RCRIIS_TS 0 Site(s)
- RCRIIS_LG 0 Site(s)
- RCRIIS_SG 0 Site(s)
- ☆ ERNS 0 Site(s)
- ◇ UST 0 Site(s)
- ⊕ LUST 0 Site(s)
- △ SWF 0 Site(s)



The information on this map is subject to the ERIS Disclaimer
 Copyright 1994 ERIS, Inc.



ENVIRO-SOIL TESTING

(Division of Enviro-Soil, Inc.)

P.O. BOX 2212, MATTHEWS, NORTH CAROLINA 28106

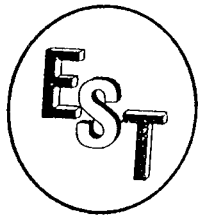
To: Mr. Bill Crothers
Enviro-Tank
PO Box 2212
Matthews, NC 28106

January 04, 1994

Dear Sir,

The results for your samples submitted on 12-23-1993 are as follows:

<u>SAMPLE #</u>	<u>TEST</u>	<u>MOQ</u>	<u>RESULT</u>	<u>DATE ANALYZED</u>
308 a	5030	1 µg/ml	*****	01-04-94
308 b	5030	1 µg/ml	*****	01-04-94
308 c	5030	1 µg/ml	*****	01-04-94
308 d	5030	1 µg/ml	*****	01-04-94
308 e	5030	1 µg/ml	*****	01-04-94
308 f	5030	1 µg/ml	*****	01-04-94
308 g	5030	1 µg/ml	*****	01-04-94
308 h	5030	1 µg/ml	*****	01-04-94
308 i	5030	1 µg/ml	400.5	01-04-94
308 j	5030	1 µg/ml	540.3	01-04-94
308 k	5030	1 µg/ml	*****	01-05-94
308 l	5030	1 µg/ml	*****	01-05-94



ENVIRO-SOIL TESTING

(Division of Enviro-Soil, Inc.)

P.O. BOX 2212, MATTHEWS, NORTH CAROLINA 28106

308 m

5030

1 $\mu\text{g/ml}$ 58.6

01-05-94

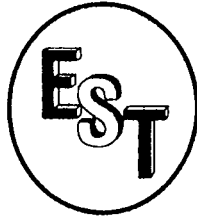
Please note that ***** indicates that the value is less than the
MQL and all these data are reported in $\mu\text{g/ml}$ (ppm).

Thank-you,

Pat Cook

Pat Cook

Lab Director



ENVIRO-SOIL TESTING

(Division of Enviro-Soil, Inc.)

P.O. BOX 2212, MATTHEWS, NORTH CAROLINA 28108

To: Mrs. Marcia Hawkins
Rex Oil Company
1000 Lexington Ave.
Thomasville, NC 27360

June 08, 1994

Mebine Mobile

Dear Sir,

The results for your samples submitted on 05-18-1994 are as follows:

SAMPLE #	TEST	ML	RESULT	DATE ANALYZED
369 a	5030	1 µg/ml	*****	05-18-94
369 b	5030	1 µg/ml	*****	05-18-94
369 c	5030	1 µg/ml	*****	05-18-94
369 d	5030	1 µg/ml	3.0	05-18-94

Please note that ***** indicates that the value is less than the ML and all these data are reported in µg/ml (ppm).

Thank-you,

Pat Cook
Pat Cook
Lab Director



ENVIRO-SOIL, INC.

P.O. BOX 2212, MATTHEWS, NORTH CAROLINA 28106

TRUCKING MANIFEST

Job Number 4013 TIES Load # 1

Transported Overcash Truck # _____
Phone(Trucker) _____ Contact _____

Destination - Landfarm facility located in Mineral Springs, NC
Waste Description - Non-Hazardous Petroleum Contaminated Soil

Waste Origin - Rox Oil-mechanic site (mobil station)

Truck Weights - Gross Tonnage 15'
Tare Weight _____
Load Weight _____

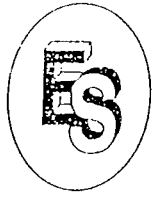
Generator's Certification - I certify that the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

STAN STARNES Stan Starnes 5-11-94
Printed Name Signature Date

Received at farm by: Name DANNY JOHNSON
Date 5-11-94

W.R. CROTHERS • THOMAS G. EVANS
President Vice President

(704) 821-6000



ENVIRO-SOIL, INC.

P.O. BOX 2212, MATTHEWS, NORTH CAROLINA 28106

TRUCKING MANIFEST

Job Number 4013 TIES Load # 2

Transported Overcash Truck # _____
Phone(Trucker) _____ Contact _____

Destination - Landfarm facility located in Mineral Springs, NC
Waste Description - Non-Hazardous Petroleum Contaminated Soil

Waste Origin - Rex Oil-Mechanic site (Mobil station)

Truck Weights - Gross Tonnage 15
Tare Weight _____
Load Weight _____

Generator's Certification - I certify that the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

X Doug Yarn
Printed Name _____ Signature _____ Date _____

Received at farm by: Name Doug Yarn
Date 5-11-94

W.R. CROTHERS • THOMAS G. EVANS
President Vice President

(704) 821-6000

Safeway Tank Disposal, Inc.

RECEIVING REPORT

From: Rex oil

Received by: CWB
SAFWAY TANK DISPOSAL, INC.

Transported by: Rex oil

Tank Disposal Number	Size	Weight	Product	Date Received	Origin
8086	4000	3640	Diesel	12-20-93	Meber NWBil
8098	4000	3640	Gas	12-21-93	↓ Tomasville N.C.
8101	10000	7445	Gas	12-22-93	↓ ↓
8106	10000	7445	Gas	↓	↓ ↓

Safeway Tank Disposal, Inc. accepts the liability for the tank(s) and contents on this report. The tank(s) and contents must be a petroleum product. If at any time the tanks are found to contain any product other than a petroleum product SAFEWAY TANK DISPOSAL, INC. has the right to refuse disposal or negotiate a price for disposal. Customer will be liable for any clean-up or other cost resulting from contamination by a substance other than a petroleum product.

Safeway Tank Disposal, Inc. agrees to dispose of petroleum tanks and contents in accordance with local, state, and federal regulation. Certificate of Disposal to follow.

CWB
SAFWAY TANK DISPOSAL, INC.

(GW/UST-2) Site Investigation Report For Permanent Closure or Change-in-Service of U.S.T.

FOR
TANKS
IN
NC

Return Completed Form To:
The appropriate DEM Regional Office according to the county of the facility's location.
[SEE MAP ON REVERSE SIDE OF OWNER'S COPY (PINK) FOR REGIONAL OFFICE ADDRESS].

State Use Only
I.D. Number _____
Date Received _____

INSTRUCTIONS

Complete and return within (30) days following completion of site investigation.

I. Ownership of Tank(s)

II. Location of Tank(s)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)
REX OIL COMPANY - 1000 Lexington Ave.
Street Address
Davidson
County
Thomasville NC 27360
City State Zip Code
910 472-3000
Area Code Telephone Number

Mebane Mobil
Facility Name or Company
0-023874
Facility ID # (if available)
Highway 119
Street Address or State Road
Alamance Mebane 27302
County City Zip Code
Area Code Telephone Number

III. Contact Person

Marcia Hawkins Secretary 910-472-3000
Name Job Title Telephone No. (Area Code)
Closure Contractor Mole Construction Pinewood Rd. Thomasville, NC 27360 910-883-5581
(Name) (Address) Telephone No. (Area Code)
Lab Enviro-Soil, Inc. P.O. Box 2212 Matthews, NC 28106 704-821-6000
(Name) (Address) Telephone No. (Area Code)

IV. U.S.T. Information

V. Excavation Condition

VI. Additional Information Required

Tank No.	Size in Gallons	Tank Dimensions	Last Contents	Water in Excavation		Free Product		Notable Color or Visible Soil Contamination	
				Yes	No	Yes	No	Yes	No
1	10000	8'x21'4"	gasoline		X		X		X
2	10000	8'x21'4"	gasoline		X		X		X
3	4000	5'4"x24'	gasoline		X		X		X
4	4000	5'4"x24'	diesel fuel		X		X		X

See reverse side of pink copy (owner's copy) for additional information required by N.C. - DEM in the written report and sketch.

VII. Check List

Check the activities completed.

- Contact local fire marshal
 - Notify DEM 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 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: 12/23/93
Date of Change-in-Service: _____

- ABANDONMENT IN PLACE**
- Fill tank until material overflows tank opening;
 - Plug or cap all openings;
 - Disconnect and cap or remove vent line
 - Solid inert material used - specify: _____

- REMOVAL**
- Create vent hole
 - Label tank
 - Dispose of tank in approved manner
- Final tank destination: Safeway Tank Disposal
Colfax, NC

VIII. Certification (Read and Sign)

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.

Name and official title of owner or owner's authorized representative

Signature

Date Signed

Marcia Hawkins, secretary

Marcia Hawkins

5/25/94