

**ENVIROMARK, P.A.**  
**ENVIRONMENTAL SERVICES**  
108 Coleman Avenue · Asheville, NC 28801  
Tel (704) 254-4300  
Fax (704) 254-1360

RECEIVED  
N.C. Dept. of ENR  
FEB - 8 1996  
Winston-Salem  
Regional Office

February 22, 1996

Mr. Waddell Watters, Hydrogeologist II  
Groundwater Section  
**NC DEHNR/Division of Environmental Management**  
585 Waughtown Street  
Winston-Salem, NC 27107-2241

**Subject:** Tank Closure Report

**Site:** North Bridge Street BP  
666 North Bridge Street  
Elkin, NC 28621  
Surry County

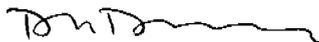
Enviromark #1154

Dear Mr. Watters:

Enclosed is the tank closure report for the referenced site. Should you have questions or need additional information, please contact me at 704-254-4300.

Sincerely,

ENVIROMARK, P.A.



D. Mark Durway, LG #875

Enclosure

cc: Mr. Ted Hall



# TANK CLOSURE REPORT

North Bridge Street BP

666 North Bridge Street  
Elkin, NC 28621

Enviromark #1154

***ENVIROMARK, P.A.  
ENVIRONMENTAL SERVICES***

108 Coleman Avenue  
Asheville, NC 28801  
(704) 254-4300

February 22, 1996

  
D. Mark Durway, LG #875

## INTRODUCTION

Enviromark, P.A. has been retained by Colonial Distributors, Inc. to assist with closure of two underground storage tanks at North Bridge Street BP in Elkin, NC. Two 550 gallon underground storage tanks were removed from this location on 1-25-96. Analysis of the underlying soil by EPA Methods 3550, 5030 and 9071 indicated contamination less than minimum cleanup levels established by the NC DEHNR Division of Environmental Management. For this reason, no further action is recommended.

Tank closure details, investigation findings, water supply data and other information are provided in the following GW/UST-12 format.

# UNDERGROUND STORAGE TANK CLOSURE REPORT

North Bridge Street BP  
666 North Bridge Street  
Elkin, Surry County, NC 28621

## I. General Information

- A. Ownership of UST(s)
1. Name of UST owner:  
Colonial Distributors, Inc.
  2. Owner address and telephone number:  
136 Bluff Street  
Jonesville, NC 28642  
(910) 835-4919
- B. Facility Information
1. Facility name:  
North Bridge Street BP
  2. Facility ID #:  
0-009245
  3. Facility address, telephone number and county:  
666 North Bridge Street  
Elkin, NC 28621  
(910) 838-8332
- C. Contacts
1. Name, address, telephone number and job title of primary contact person:  
Ted M. Hall, Owner - Colonial Distributors, Inc.  
136 Bluff Street  
Jonesville, NC 28642  
(910) 667-9453
  2. Name, address and telephone number of closure contractor:  
Petroleum Pump & Tank Co.  
60 Dogwood Road  
Asheville, NC 28806  
Tel. (704) 665-9772
  3. Name, address and telephone number of primary consultant:  
Enviromark, P.A.  
108 Coleman Avenue  
Asheville, NC 28801  
Tel (704) 254-4300
  4. Name, address, telephone number, and State certification number of laboratory:  
Prism Laboratories, Inc.  
PO Box 240543  
Charlotte, NC 28224-0543  
(NC Lab Certification #402)  
Tel (704) 529-6364

D. UST Information

Table of UST Information

Tank no.	Installation date	Size in Gallons	Tank Dimensions	Last Contents	Previous Contents (if any)
T1	5-11-60	550	46 x 74 inches	Kerosene	None
T2	5-11-60	550	46 x 74 inches	Waste Oil	None

E. Site Characteristics

1. Describe any past releases at this site:  
None known
2. Is the facility active or inactive at this time? If the facility is inactive note the last time the USTs were in operation:  
Active.
3. Describe surrounding property use (for example, residential, commercial, farming, etc.):  
Commercial property served by city water lines. No known wells within 1500 ft of the site. Water supply, surface and ground water information is provided in Appendix G
4. Describe site geology/hydrogeology:  
Site is located within northwestern piedmont at an elevation approximately 1060 ft above sea level. Runoff and apparent groundwater flow direction is east to a draw which drains to the south. Site soil consists of white uniform silt saprolite with some non-weathered rock fragments. No groundwater was encountered at the site.

II. Closure Procedures

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

Tanks were pumped and cleaned by Petroleum Pump and Tank Co. on 1-4-96. Holes were then cut into the bottom of each tank and samples were collected according to NC DEM protocol. These samples were then submitted for analysis and determined to be clean. On 1-17-96, a GW/UST-3 form was filed so that the tanks could be removed. Tank removal was subsequently performed on 1-25-96.

- B. Note the amount of residual material pumped from the tank(s):  
Approximately 5 to 8 gallons of residuals were removed from each tank.
- C. Describe the storage, sampling and disposal of the residual material:  
Residuals were drummed for subsequent disposal. No sampling was performed.
- D. Excavation  
*Note: Refer to the "Groundwater Section Guidelines for the Investigation and Remediation of Soils and Groundwater" on limiting excavations. The Trust Fund will not pay for excessive excavation unless it is justified and verified by laboratory results.*
1. Describe excavation procedures noting the condition of the soils and the dimensions of the excavation in relation to the tanks, piping and/or pumps:

Tank removal consisted of removing the least amount of soil necessary to remove the tanks. No petroleum staining or odor was detected in the soil around or beneath the tanks. Approximate excavation dimensions were 8.5 ft by 10 ft, as indicated in Figure 2 of Appendix A.

2. Note the depth of tank burial(s) (from land surface to top of tank):  
Tanks were covered with approximately 2 ft of soil. Tank bottoms were about 6 ft below land surface.
3. Quantity of soil removed:  
Based on absence of petroleum odor or staining, soil was returned to the excavation.
4. Describe soil type(s):  
Soil in excavation pit consisted of white uniform silt saprolite with some non-weathered rock fragments. No petroleum odor or staining was present around or beneath the tanks.
5. Type and source of backfill used:  
Clean natural backfill was used.

E. Contaminated Soil

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

1. Describe how it was determined to what extent to excavate the soil:  
No indication of contamination was present based on absence of petroleum odor and staining.
2. Describe method of temporary storage, sampling and treatment/disposal of soil:  
Not required. No contaminated soil was identified.

### III. Site Investigation

- A. Provide information on field screening and observations, including methods used to calibrate field screening instruments:  
Field determinations were based on soil odor and appearance.
- B. Describe soil sampling points and sampling procedures used, including:  
*Note: Refer to the "Groundwater Section Guidelines for the Investigation and Remediation of Soils and Groundwater" for information about sampling requirements.*
  - Location of samples  
One soil sample was collected from beneath the midline of each tank as indicated in Figure 2, Appendix A of the closure report.
  - Type of samples (from excavation, stockpiled soil, etc.)  
Sample types, descriptions and depths are tabulated in VI.B.  
Two soil samples were collected at the time the tanks were cleaned on 1-4-96. At the time, in-place closure was being considered in order to minimize disturbance of the business and so that re-paving would not be required.
  - Sample collection procedures (grab, split spoon, hand auger, etc.)  
Soil samples were collected according to the "Groundwater Section Guidelines for the Investigation and Remediation of Soils and Groundwater" using a pre-cleaned auger. Sampling and decontamination procedures are provided in Appendix F.

- Depth of soil samples

Indicated in the table provided in VI.B. The soil samples taken after removal of the tanks were collected at approximately 7 ft, or 1 foot directly beneath the base of the tanks. -

- Excavation

Soil was excavated to the extent necessary to remove the tanks.

- Sample identification

Indicated in the table in VI.B.

- Sample analyses:

The sample from beneath the kerosene tank was analyzed for TPH by EPA Methods 3550 and 5030 and the sample from beneath the waste oil tank was analyzed for TPH by EPA Method 9071. Analyses are summarized in the table in VI.B. Laboratory analysis sheets are provided in Appendix F.

- C. Describe groundwater or surface water sampling procedures used.  
Not applicable. Ground water was not encountered.

D. Quality control measures

- Describe sample handling procedures including sample preservation and transportation  
Sample handling, preservation, transportation and other procedures were according to "Groundwater Section Guidelines for the Investigation and Remediation of Soils and Groundwater." They are summarized in Appendix F.

- Describe decontamination procedures used

Decontamination procedures were according to "Groundwater Section Guidelines for the Investigation and Remediation of Soils and Groundwater." They are summarized in Appendix F.

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

Time and date are indicated on the laboratory chain of custody forms provided in Appendix F.

- Describe samples collected for quality control purposes (e.g. duplicates, field blanks, trip blanks, etc.) Include methods used to obtain these samples and analytical parameters.  
Field blanks, etc. were not collected.

- Discuss how results of quality control samples may have affected your interpretation of soil, groundwater or surface water sample results.  
Not applicable.

E. Investigation results

- Describe results of Site Sensitivity Evaluation (SSE), (if SSE was not conducted, explain why not)  
SSE was not required as NC DEM clean up standards were not exceeded.

- Describe methods of analyses used (include U.S. EPA method number)  
EPA Methods 3550, 5030 and 9071 as indicated in the lab analysis table, VI.B.

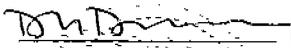
- Describe analytical results for samples; discuss in relation to site specific cleanup level or action level, as appropriate.  
Sample results, tabulated in VI.B., indicate that final cleanup levels have not been exceeded.

**IV. Conclusions and Recommendations**

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

A kerosene and a waste oil tank were closed at North Bridge BP. Analysis of soil samples from beneath these tanks by EPA Methods 3550 and 5030 (kerosene tank) and EPA Method 9071 (waste oil tank) indicated TPH levels of <10 and <1 for 3550 and 5030 hydrocarbons, respectively, and <10 for 9071 hydrocarbons. Since minimum NC DEM clean up standards were not exceeded, no further action is recommended.

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

  
D. Mark Durway  
Enviromark, P.A.

NC Licensed Geologist #875



## VI. Enclosures

### A. Figures (provided on the following pages)

Figure 1. Area Map(s) (can be USGS Topographic Quadrangle) showing:

- Adjacent streets, roads, highways with names and numbers
- Buildings
- Known distance to public water supply well(s) (**Figure 2**)
- Distance to known private water supply well(s) (**Figure 2**)
- Surface water bodies
- Groundwater flow direction (if available) (**Figure 2**)
- Scale
- North arrow

Figure 2. Site map of UST excavation area drawn to scale, showing:

- Buildings
- Underground utilities (sewer lines, other conduits, etc.)
- Orientation of UST(s), pumps, and product lines
- Length, diameter and volume of USTs
- Type of material(s) stored in USTs (past and present)
- Sample locations (identified by letter or number)
- Final limits of excavation
- North arrow
- Scale

Figure 3. Maps depicting analytical results, to include:

- Orientation of UST(s), pumps, and product lines
- Sample locations, depths, and identifications
- Analytical results
- Final limits of excavation(s)

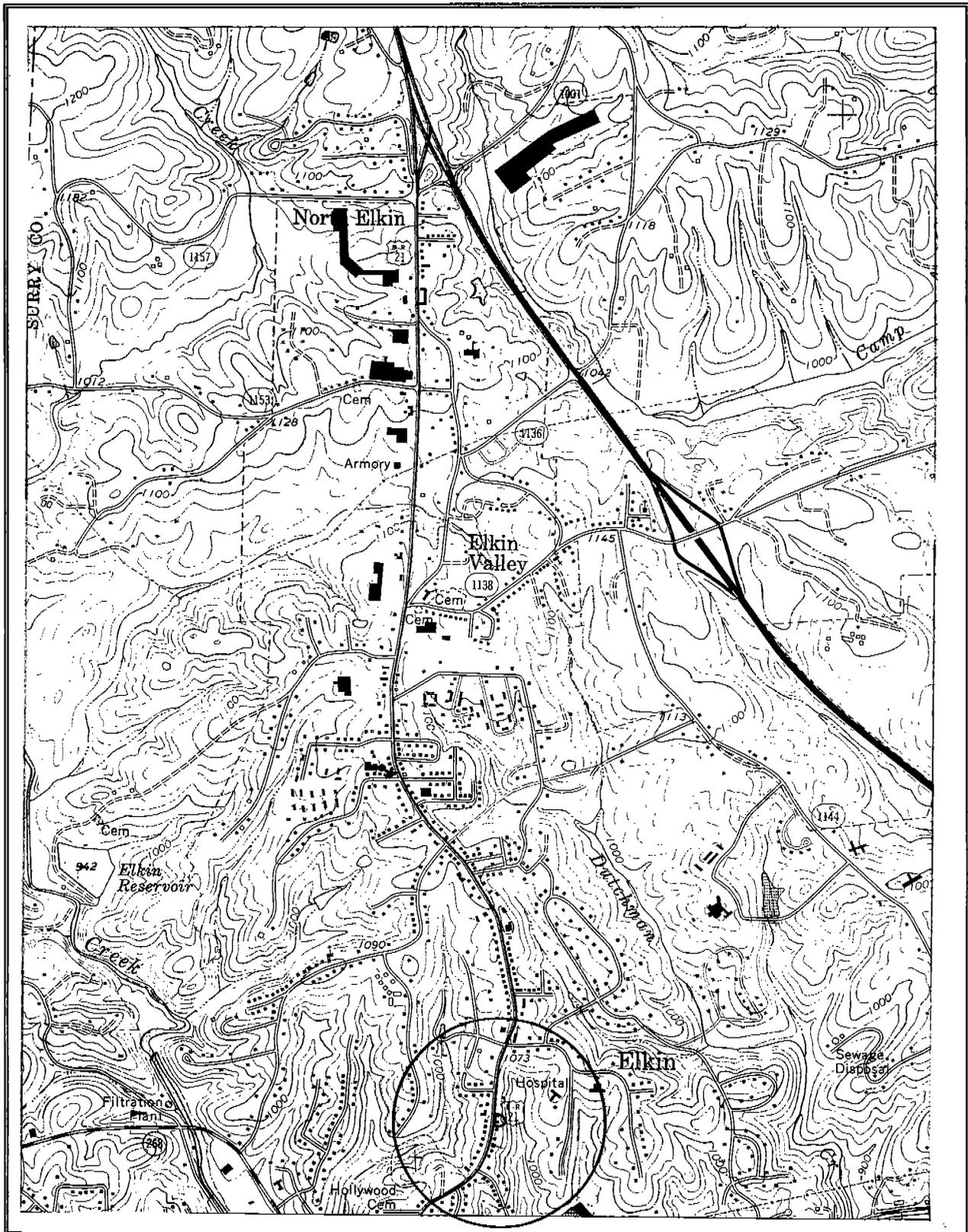
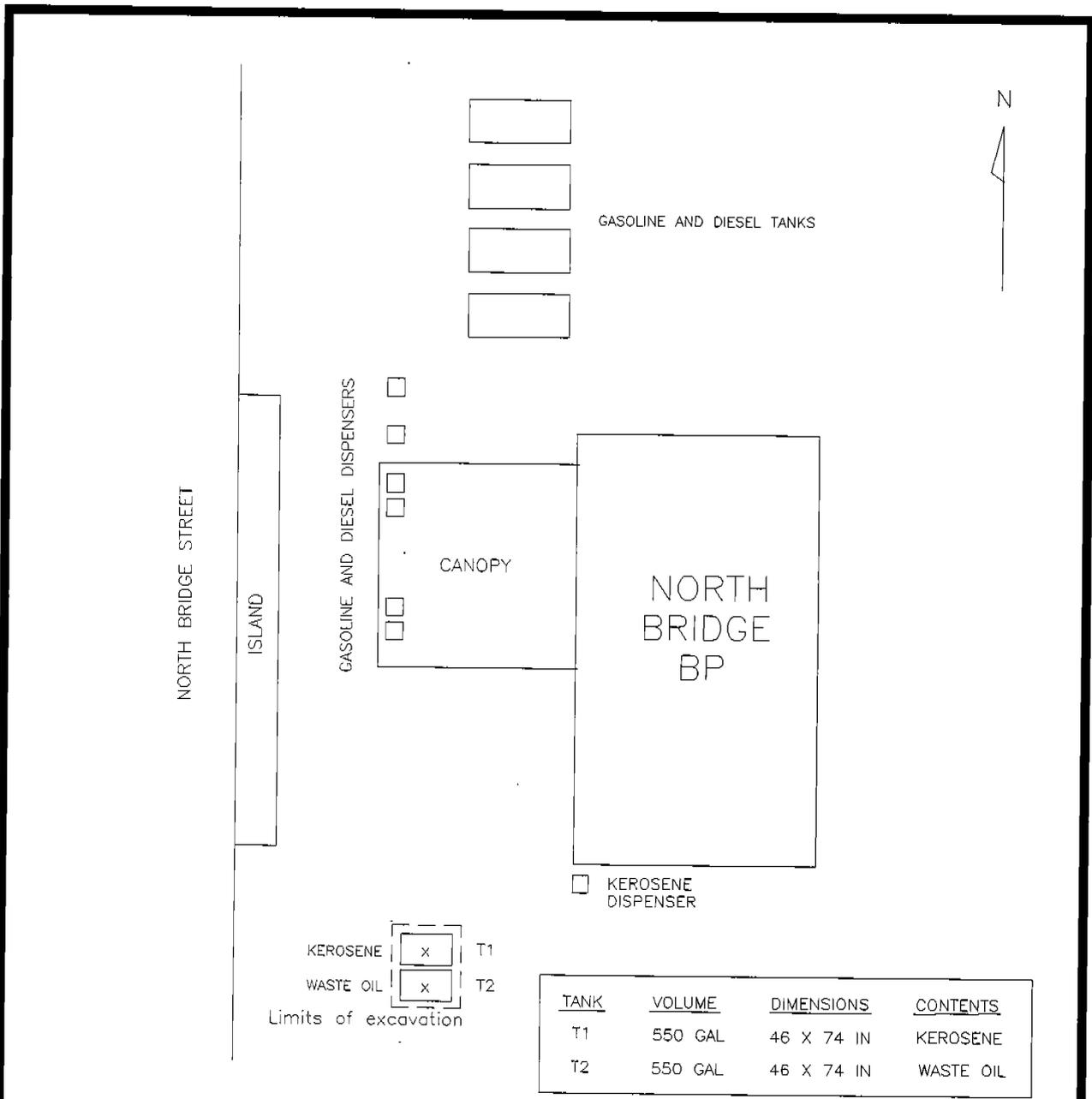


Figure 1.

N. Bridge BP (USGS Elkin North, NC, 1971, 1994 revised).



TANK	VOLUME	DIMENSIONS	CONTENTS
T1	550 GAL	46 X 74 IN	KEROSENE
T2	550 GAL	46 X 74 IN	WASTE OIL

PUBLIC WELLS

AREA IS SERVICED BY CITY WATER LINES. NO WELLS ARE LOCATED WITHIN 1500 FT RADIUS OF SITE.

NEAREST PERENNIAL SURFACE WATER

SITE IS >1500 FT UPGRADIENT OF THE NEAREST PERENNIAL STREAM TO WHICH SITE AREA DRAINS.

UNDERGROUND UTILITIES

CITY WATER AND SEWER LINES, EXACT LOCATIONS UNKNOWN. POSSIBLE OTHER SUBSURFACE UTILITIES IN AREA.

ENVIROMARK  
108 Coleman Avenue  
Asheville, NC 28801  
704-254-4300

KEY

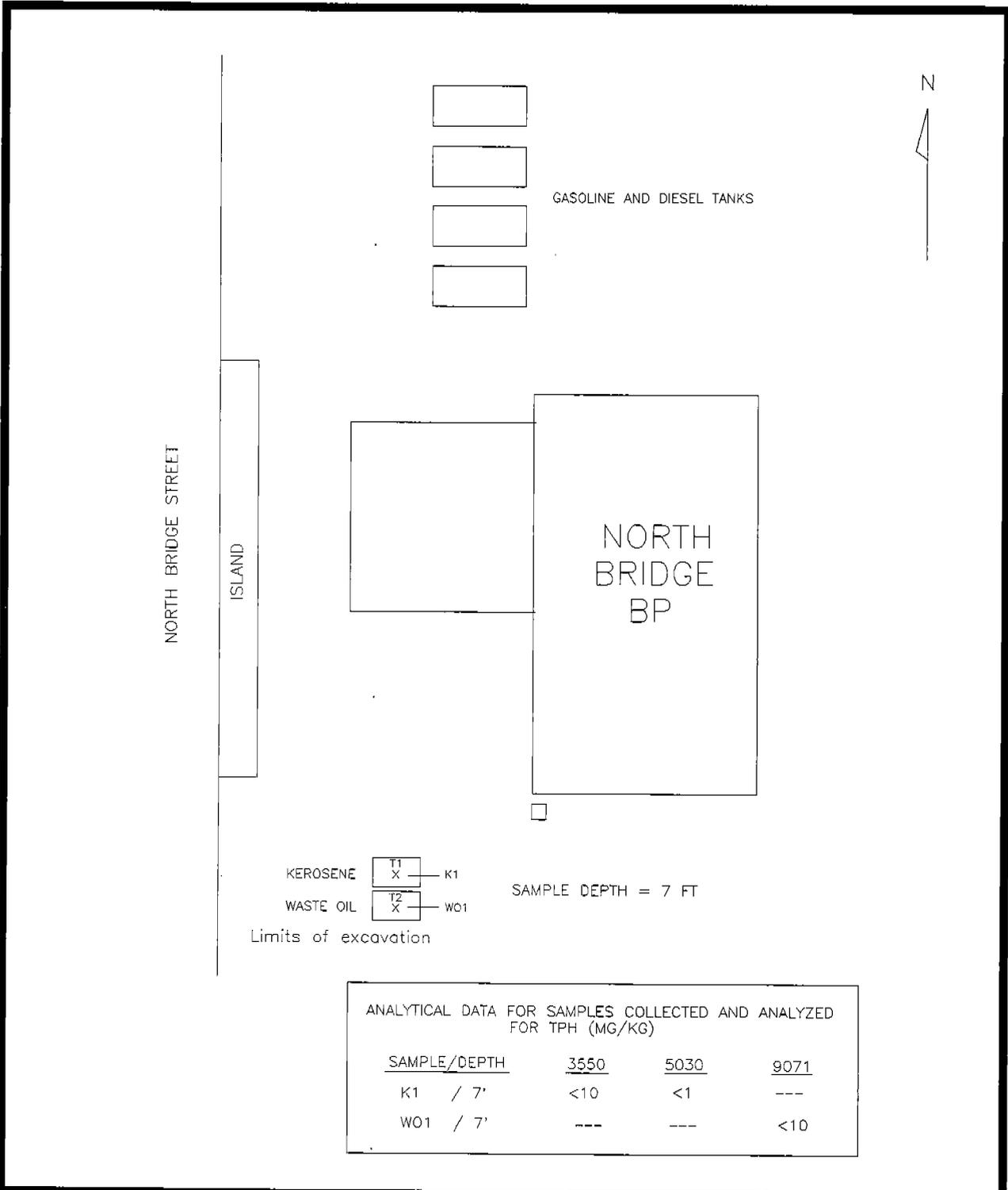
- TANK PIT
- X SAMPLE LOCATION
- BDL BELOW DETECTION LIMIT
- ( < ) TPH IN MG/KG

0 \_\_\_\_\_ 20  
FEET

FIGURE 2. NORTH BRIDGE BP  
666 NORTH BRIDGE ST  
ELKIN, NC

SITE LAYOUT, SAMPLE LOCATIONS,  
WATER SUPPLIES, AND OTHER  
INFORMATION

DRAWN BY: JKC  
DATE: 1-3-96  
JOB: 1154  
CAD FILE: 1154BP.DWG



ANALYTICAL DATA FOR SAMPLES COLLECTED AND ANALYZED FOR TPH (MG/KG)

SAMPLE/DEPTH	3550	5030	9071
K1 / 7'	<10	<1	---
W01 / 7'	---	---	<10

**ENVIROMARK**  
 108 Coleman Avenue  
 Asheville, NC 28801  
 704-254-4300

DRAWN BY: JKC  
 DATE: 1-3-96  
 JOB: 1154  
 CAD FILE: 1154BP.DWG

KEY

-- TANK PIT  
 X SAMPLE LOCATION  
 BDL BELOW DETECTION LIMIT  
 < > TPH IN MG/KG

0 ————— 20  
 FEET

FIGURE 3. NORTH BRIDGE BP  
 666 NORTH BRIDGE ST  
 ELKIN, NC

ANALYTICAL RESULTS AND  
 OTHER DATA

- B. Tables (the following information is provided on the following page)
1. Field screening results
  2. Sample identifications, depths and analyses
  3. Sample identifications with results and dates that samples were taken

Sample Location, Analysis, and Screening Table

Sample/ Depth (ft)	Sample Date	Description	TPH DR/3550 (mg/kg)	TPH GR/5030 (mg/kg)	TPH 9071 (mg/kg)
K1 / 7 ft	1-4-96	White uniform silt saprolite with some non-weathered rock fragments.	<10	<1	---
WO1 / 7 ft	1-4-96	White uniform silt saprolite with some non-weathered rock fragments.	---	---	<10
Detection Limit	-----	-----	10	1	10

C. Appendices

Appendix A: Notification of Intent to Close (GW/UST-3)

**GW/UST-3**

**Notice of Intent: UST Permanent Closure or Change-In-Service**

FOR  
TANKS  
IN  
NC

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

State Use Only  
I. D. Number \_\_\_\_\_  
Date Received \_\_\_\_\_

**INSTRUCTIONS**

Complete and return five (5) working days prior to closure or change-in-service.

**I. OWNERSHIP OF TANK(S)**

**II. LOCATION OF TANK(S)**

Tank Owner Name: COLONIAL DISTRIBUTORS INC.  
(Corporation, Individual, Public Agency, or Other Entity)  
Street Address: 136 BLUFF ST. (PO BOX 602  
County: SURRY N. WILKESBORO, NC  
City: JONESVILLE State: NC Zip Code: 28642  
Tele. No. (Area Code): (910) 835-4919

Facility Name or Company: N. BRIDGE STREET BP  
Facility ID # (if available): 0-009245  
Street Address or State Road: 666 N BRIDGE ST.  
County: SURRY City: ELKIN Zip Code: 28621  
Tele. No. (Area Code): (910) 838-8392

**III. CONTACT PERSON**

Name: TED M. HALL Job Title: OWNER Telephone Number: (910) 667-9453

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

- Contact Local Fire Marshall.
- Plan the entire closure event.
- Conduct Site Soil Assessments.
- If Removing Tanks or Closing in Place refer to API Publications 2015 "Cleaning Petroleum Storage Tanks" & 1604 "Removal & Disposal of Used
- Underground Petroleum Storage Tanks".
- Provide a sketch locating piping, tanks and soil sampling locations.
- Fill out form GW/UST-2 "Site Investigation Report for Permanent Closure" and return within 30 days following the site investigation.
- The **site assessment** portion of the tank closure must be conducted under the supervision of a Professional Engineer or Licensed Geologist. After January 1, 1994, **all closure site assessment reports must be signed and sealed by a P.E. or L.G.**
- Keep closure records for 3 years.

**V. WORK TO BE PERFORMED BY:**

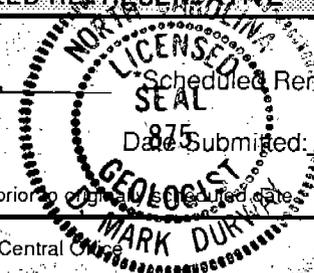
(Contractor) Name: ENVIROMARK, P.A.  
Address: 108 COLEMAN AVENUE State: ASHEVILLE, NC Zip Code: 28801  
Contact: MARK DURWAY Phone: (704) 254-4300  
Primary Consultant: ENVIROMARK P.A. Phone: (704) 254-4300

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

TANK ID#	TANK CAPACITY	LAST CONTENTS	PROPOSED ACTIVITY		
			CLOSURE		CHANGE-IN-SERVICE
			Removal	Abandonment In Place	New Contents Stored
<u>T5</u>	<u>550 gal</u>	<u>kerosene</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<u>T6</u>	<u>550 gal</u>	<u>waste oil</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	

**VII. OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE**

Print name and official title  
D. MARK DURWAY, LG 875, P.A.S.  
Signature: [Signature]  
Scheduled Removal Date: 1/25/96  
Date Submitted: 1/17/96



Appendix B: Site Investigation Report for Permanent Closure or Change-in-Service of UST  
(GW/UST-2)

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)**

Owner Name: Colonial Distributors, Inc.  
Corporation, Individual, Public Agency, or Other Entity  
Street Address: 136 Bluff St. (PO Box 608  
N. Wilkesboro, NC 28659)  
County: Surry  
City: Jonesville State: NC Zip Code: 28642  
Telephone Number: (910) 835-4919  
(Area Code)

**II. Location of Tank(s)**

Facility Name: North Bridge Street BP  
(or Company)  
Facility ID # (if available): 0-009245  
Street Address: 6666 N. Bridge Street  
(or State Road)  
County: Surry City: Elkin Zip Code: 28621  
Telephone Number: (910) 838-8332  
(Area Code)

**III. Contact Person**

Name: Ted M. Hall Job Title: Owner Tel. No.: (910) 667-9453  
Closure Contractor: PETROLEUM PUMP & TANK Address: ASHEVILLE, NC Tel. No.: (704) 665-9772  
Primary Consultant: EnviroMark Address: Asheville, NC Tel. No.: (704) 254-4300  
Lab: Prism Laboratories, Inc. Address: Charlotte, NC Tel. No.: (704) 529-6364

**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 Odor or Visible Soil Contamination	
				Yes	No	Yes	No	Yes	No
T5	550	46 x 74 in.	Kerosene		/		/		/
T6	550	46 x 74 in.	Waste Oil		/		/		/

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

**NOTE:** The site assessment portion of the tank closure must be conducted under the supervision of a Professional Engineer or Licensed Geologist. After Jan. 1, 1994, all closure site assessment reports must be signed and sealed by a P.E. or L.G.

**VII. Check List (Check the activities completed)**

**PERMANENT CLOSURE (For Removing or Abandoning-in-place)**

- Contact local fire marshal.
- Notify 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. *As applicable*
- 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: 1/25/96
- 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. *Tanks cleaned in place*
- Label tank *N/A prior to removal.*
- Dispose of tank in approved manner.
- Final tank destination: upon removal, tanks were recycled for scrap steel.

**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.

Print name and official title of owner or owner's authorized representative:  
DM. DURWAY, LG 875 / ENVIROMARK

Signature: [Signature]

Date Signed: 2/1/96

Appendix C: Certificate of tank disposal

Tanks were cleaned in place, removed and disposed of locally as scrap steel.

Appendix D: Soil, water, sludge disposal manifests.

Residuals of 5 to 8 gallons per tank were drummed for disposal.

Appendix E: Complete chain-of-custody records

Complete chain-of-custody records are included in Appendix F with laboratory analytical records.

Appendix F: Copy of all laboratory analytical records (provided on the following pages)

# Lab Report

From: NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735  
FL Certification No. E87519



January 12, 1996

To: Enviromark  
Attn: Mr. Mark Durway  
108 Coleman Ave.  
Asheville, NC 28801

The following analytical results have been obtained for the indicated sample which was submitted to this laboratory:

Sample I.D. AA43343                      Customer Code: ENVIMARK  
Login Group #: 2856B2                      Customer Reference: 1154NBRI  
Phone Number: (704)254-4300/fax(704)254-1360  
Customer Sample I.D#: K 1                      Sample collection date: 01/04/96  
Lab submittal date: 01/09/96                      Time: 09:00  
Received by: CP                                      Validated by: ADO

Parameter: CALCULATIONS BASED ON DRY WEIGHT

Method reference:  
Result: 83 % DRY WT.                      MDL or sensitivity:  
Date started: 01/10/96                      Date finished: 01/10/96  
Time started: 17:00                              Analyst: HWC

Parameter: PREP. METHOD 3550

Method reference: 3550                      Unit:  
Result: Completed                              MDL or sensitivity:  
Date started: 01/11/96                      Date finished: 01/11/96  
Time started: 14:30                              Analyst: HWC

Parameter: TPH - DIESEL RANGE

Method reference: GC-FID                      Unit: mg/kg  
Result: Less than                              MDL or sensitivity: 10  
Date started: 01/11/96                      Date finished: 01/11/96  
Time started: 20:04                              Analyst: MJB

Parameter: PREP. METHOD 5030

Method reference: 5030                      Unit:  
Result: Completed                              MDL or sensitivity:  
Date started: 01/10/96                      Date finished: 01/10/96  
Time started: 19:26                              Analyst: SHG

Parameter: TPH - GASOLINE RANGE

Method reference: GC-FID                      Unit: mg/kg  
Result: Less than                              MDL or sensitivity: 1.0  
Date started: 01/10/96                      Date finished: 01/10/96  
Time started: 19:26                              Analyst: SHG

# Lab Report

Enviromark Sample I.D. AA43343 (continued)  
Page: 2  
January 12, 1996



Sample comments:

PO# 1154  
Project Name: 1154 NBRI

If there are any questions regarding this data, please call.

A handwritten signature in black ink, appearing to read 'Angela D. Overcash', is positioned above the printed name. The signature is fluid and cursive, with a large loop at the beginning.

Angela D. Overcash  
Laboratory Director

# Lab Report

From: NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735  
FL Certification No. E87519



January 12, 1996

To: Enviromark  
Attn: Mr. Mark Durway  
108 Coleman Ave.  
Asheville, NC 28801

The following analytical results have been obtained for the indicated sample which was submitted to this laboratory:

Sample I.D. AA43344	Customer Code: ENVIMARK
Login Group #: 2856B2	Customer Reference: 1154NBRI
Phone Number: (704)254-4300/fax(704)254-1360	
Customer Sample I.D#: WO 1	Sample collection date: 01/04/96
Lab submittal date: 01/09/96	Time: 09:00
Received by: CP	Validated by: ADO

Parameter: CALCULATIONS BASED ON DRY WEIGHT

Method reference:

Result: 80 % DRY WT.

Date started: 01/10/96

Time started: 17:00

MDL or sensitivity:

Date finished: 01/10/96

Analyst: HWC

Parameter: TPH - WASTE OIL RANGE

Method reference: SW-846 #9071

Result: Less than

Date started: 01/10/96

Time started: 16:00

Unit: mg/kg

MDL or sensitivity: 10

Date finished: 01/12/96

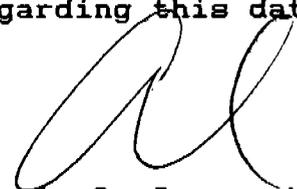
Analyst: HWC

Sample comments:

PO# 1154

Project Name: 1154 NBRI

If there are any questions regarding this data, please call.

  
Angela D. Overcash  
Laboratory Director



### Decontamination Procedure

Samples were collected from a pre-cleaned stainless steel hand auger.

### Sample Handling

- 1) Samples were collected in prepared containers provided by a certified laboratory.
- 2) Samples were stored on ice at approximately 40° F (4° C).
- 3) Chain of custody forms and procedures were used.

Appendix G: Site Sensitivity Evaluation (SSE)

SSE was not required as NC DEM clean up standards were not exceeded.

WATER SUPPLY WITHIN A 1500-FT RADIUS OF THE SITE

The area is served by city water. There are no known wells within a 1500 ft radius of the site. Groundwater was not encountered during tank removal.

Runoff and apparent groundwater flow direction is east to a draw which drains to the south.

Appendix H: Photographs of Closure Activities (optional)

None.

Appendix I: Geologic logs for excavation(s)

0-6 ft (general tank pit log)

Tank pit soil consisted of white uniform silt saprolite with some non-weathered rock fragments. No petroleum odor was present in soil around or beneath the tanks.