

## UNDERGROUND STORAGE TANK (UST) CLOSURE REPORT

For:

FORMER FRANKLIN BAKERY  
1107 MYRTLE STREET  
GREENVILLE, NORTH CAROLINA  
NCDOT Parcel No: 64  
ATC Project Number: 45.19873.0007

Prepared By:

ATC Associates of North Carolina, P.C.  
2725 E. Millbrook Road, Suite 121  
Raleigh, North Carolina 27604

Prepared For:

NC Department of Transportation  
Geoenvironmental Section  
1589 Mail Service Center  
Raleigh, North Carolina 27699-1589

## UNDERGROUND STORAGE TANK (UST) CLOSURE REPORT

**Property/UST Owner/Operator:**

Former Franklin Bakery  
1107 Myrtle Street  
Greenville, Pitt County, North Carolina 27834  
NCDOT Parcel No: 64

**Site Contact:**

Mr. Keith Kuhn

Mr. Gordan Box, LG  
NCDOT Geoenvironmental Project Manager  
1589 Mail Services Center  
Raleigh, North Carolina 27699

**Consultant Information:**

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**ATC On-site Assessor:** Dorothy M. Robson

**ATC Project Manager:** Jeffrey A. Corson

**ATC Project Number:** 45.19873.0007



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Dorothy M. Robson  
Project Scientist



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Jeffrey A. Corson  
Project Manager

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## I. INTRODUCTION

ATC Associates of North Carolina, P.C. (ATC) was retained by The North Carolina Department of Transportation to supervise the closure of one underground storage tank (UST) at the former Franklin Bakery on September 24, 2013. The site is located at 1107 Myrtle Street in Greenville, North Carolina. The site location is shown in *Figure 1* and a site UST closure map depicting pertinent site features is included in *Figure 2*.

The scope of services provided by ATC included the following:

- Supervision of the removal of one propane UST
- Preparation of this UST Closure Report

This UST Closure presents a summary of field activities and observations and provides documentation of UST disposal. As required by North Carolina Department of Environment and Natural Resources (NCDENR) guidelines, this UST closure report follows the GW/UST-12 format. However, NCDENR is not required to be copied on this report because the UST is an unregistered, unregulated propane tank.

## II. SITE INFORMATION AND HISTORY

One underground storage tanks (UST) was removed from the referenced facility on September 24, 2013. The UST and their appurtenances are owned by Franklin Bakery of Greenville, North Carolina. Information regarding the tank is provided below.

### A. UST Information

UST ID	PRODUCT	CAPACITY (gals.)	MATERIALS	INSTALLATION DATE	UST STATUS	RELEASE ASSOCIATED (Yes/No)
T-1	Propane	500	Steel	Unknown	Closed	No

Figure 1 is a site location map of the site and surrounding area. Figure 2 is a site map which depicts the site and pertinent structures, including the location of the UST.

### B. Release Information

During UST closure activities, no soil samples were collected from the former UST basin or along the product line since field screened soils were below one part per million and no visual evidence of a release.

### III. SITE CHARACTERISTICS

#### A. Site Status

Presently, the site is an inactive former Franklin Bakery facility. The UST has been removed from the facility. Surface cover at the site consists of grass and other organic matter.

#### B. Surrounding Property Use

Properties surrounding the subject facility are zoned as residential and commercial. The zoning status of the subject facility is commercial. The closest residence was identified adjacent to the site to the southeast of the subject facility. Small businesses and single family residences, characterize the surrounding area.

#### C. Site Geology/Hydrogeology

Based on observations made during UST closure activities, the soil profile consisted of a grayish tan silty fine sand from surface to approximately five feet below ground surface (bgs).

#### D. Limited Receptor Survey

Subsurface structures identified at the subject facility are sanitary sewer and municipal water lines. Electric and cable lines were observed overhead. Other utilities may be present. The adjacent properties were observed with water meters. The potable water is provided by the City of Greenville.

The closest water body is the Tar River which is located approximately 0.75 miles to the north of the subject facility. Information regarding Wellhead Protection Areas, as defined in 42 USC 300h-7(e), and located within 1,500 feet of the site was not available.

### IV. CLOSURE ACTIVITIES

#### A. Closure Preparation

A UST-3 form was filed with the NCDENR Washington Regional Office by ATC personnel on September 17, 2013. A&D personnel were responsible for obtaining any permits for the closure of the tanks, contacting the local fire department and having utilities in the area properly located. A copy of the UST-3 form is included in **Appendix A**.

#### B. Closure Procedures

ATC contacted the North Carolina One Call Center (ULOCO) to mark underground utilities at the site prior to tank closure activities. The Fire Marshall for the town of Greenville was also notified by the tank removal subcontractor, A&D Environmental (A&D) prior to removal activities.

Air quality inside the tank was evaluated for explosive vapors before extraction efforts were performed. Engineering controls were implemented as needed to support a safe atmosphere within and around the tank prior to extraction. The

UST closure activities were performed on September 24, 2013. A copy of the UST disposal manifest is attached in Appendix B.

### C. Residual Material

No residual material was observed during the tank closure.

### D. Soil Sampling

Based on the size and type of the tank, the tank was determined to be an approximately 500-gallon unregulated propane tank. Soils were field screened at the time of tank removal. No elevated levels of volatile organic compounds (vocs) were measured in the tank pit or product line; therefore, no soils samples were collected.

### E. Excavation

Over-excavation soil activities were not conducted. Only the soil necessary for the removal of the UST was excavated and stockpiled until the tank was removed. The stockpiled soils were used to fill in the tank pit, as well as clean backfill transported to the site by A&D.

### F. Groundwater Sampling

Groundwater samples were not collected during UST closure activities as groundwater was not encountered.

## V. CONCLUSIONS AND RECOMMENDATIONS

### A. Conclusions

Based on the information obtained during UST closure activities, the following conclusions are made:

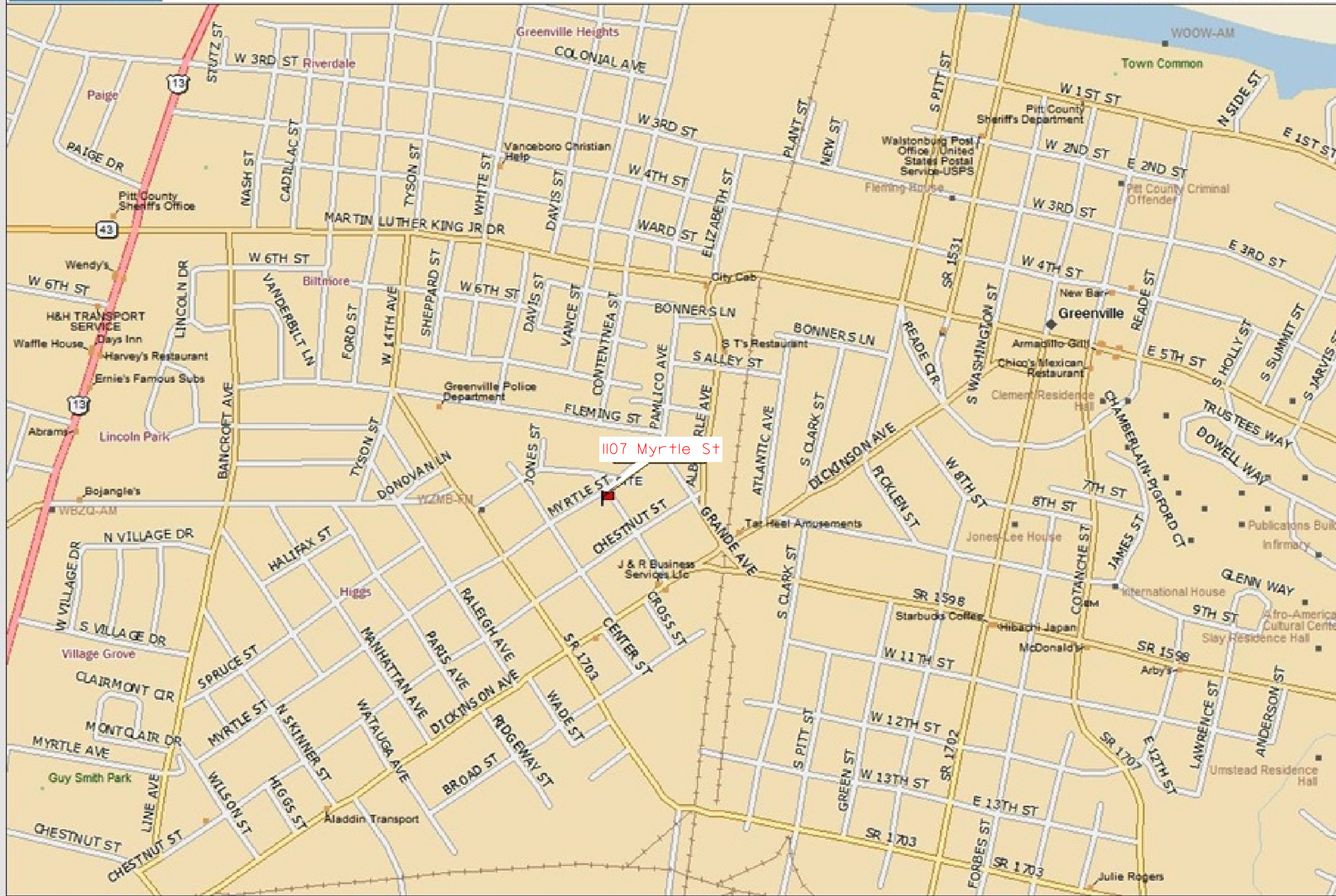
- A propane release does not appear to have occurred from the recently removed UST.
- One propane UST was properly removed from the subject facility.
- The site is connected to the public water supply system.
- No soil samples were collected since the tank was determined to be an unregulated propane UST and no elevated field screening measurements were collected.

### B. Recommendations

- No recommendations.

## FIGURES



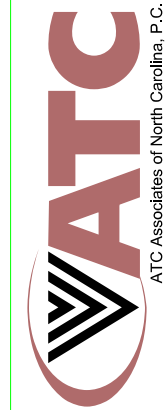


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[www.delorme.com](http://www.delorme.com)

MN (9.9° W)



Data Zoom 14-1



ATC Associates of North Carolina, P.C.  
 RALEIGH, NORTH CAROLINA (919) 871-0999 FAX (919) 871-0335

TITLE SITE LOCATION MAP

FRANKLIN BANKING CO. PROPERTY - PARCEL 64  
 1107 MYRTLE ST  
 GREENVILLE NC 27858

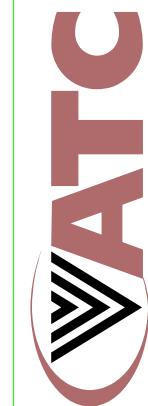
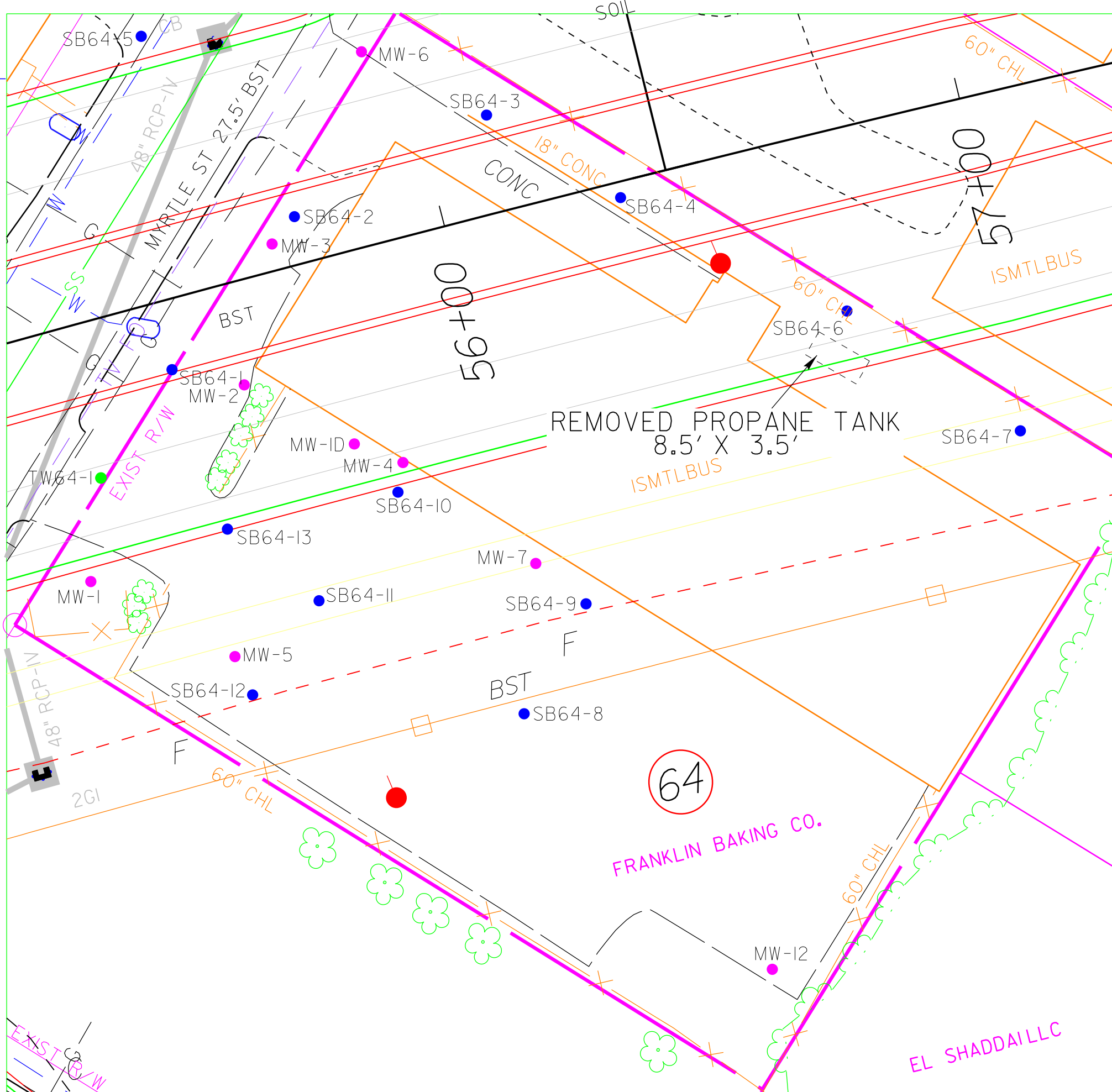
NOTES:

CAD FILE	WBS ELEMENT	PREP. BY	REV. BY	SCALE	DATE	PROJECT NO.
	34416.1.1	JB	KN		11-06-2013	45.19873.0007



LEGEND

- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- PROPERTY LINE
- U/G CABLE TV
- U/G CABLE TELEPHONE
- U/G CABLE TELEPHONE FIBER OPTIC
- U/G ELECTRIC
- EXISTING HYDRO
- U/G CABLE TV FIBER OPTIC
- PERMANENT UTILITY EASEMENT
- FILL LINE
- CUT LINE
- CHL CHAIN LINK
- CB CATCH BASIN
- RCP REINFORCED CONCRETE PIPE
- EOT EDGE OF TRAVEL
- MH MANHOLE
- TC TERRA COTTA PIPE
- ☐ TRAFFIC SIGNAL POLE
- ⊙ UTILITY POLE
- L LIGHT POLE
- SOIL BORING LOCATION
- TEMPORARY WELL LOCATION
- MONITORING WELL



ATC Associates of North Carolina, P.C.  
 RALEIGH, NORTH CAROLINA (919) 871-0999 FAX (919) 871-0335  
 SCALE 1"=20'-0" DATE 11-06-2013 PROJECT NO. 45.19873.0007

TITLE **FIGURE 2**  
 SITE UST CLOSURE MAP  
 FRANKLIN BAKING CO. PROPERTY - PARCEL 64  
 1107 MYRTLE ST  
 GREENVILLE NC 27858

WBS ELEMENT 35781.1.2  
 PREP. BY JB  
 REV. BY KN

NOTES:  
 1) MONITORING WELLS MW-1, MW-10, MW-11, MW-12 THROUGH MW-7 AND MW-12 WERE ABANDONED IN MAY 2003.

APPENDIX A

UST NOTIFICATION FORM

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

**Return completed form to:**

The DWM Regional Office located in the area where the facility is located. Send a copy to the Central Office in Raleigh so that the status of the tank may be changed to "PERMANENTLY CLOSED" and your tank fee account can be closed out. SEE MAP ON THE BACK OF THIS FORM FOR THE CENTRAL AND REGIONAL OFFICE ADDRESSES.

STATE USE ONLY

I.D. # \_\_\_\_\_

Date Received \_\_\_\_\_

**INSTRUCTIONS (READ THIS FIRST)**

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

Completed UST closure or change-in-service site assessment reports, along with a copy of the UST-2 form, should be submitted to the appropriate Division of Waste Management (DWM) Regional Office within thirty (30) days following closure activities. The UST-2 form should also be submitted to the Central Office in Raleigh so that the status of the tanks may be changed to permanently closed and your tank fee account can be closed out.

UST closure and change-in-service site assessments must be completed in accordance with the latest version of the *Guidelines for Tank Closure*. The *Guidelines for Tank Closure* can be obtained at [www.wastenotnc.org](http://www.wastenotnc.org).

You must make sure that USTs removed from your property are disposed of properly. When choosing a closure contractor, ask where the tank(s) will be taken for disposal. Usually, USTs are cleaned and cut up for scrap metal. This is dangerous work and must be performed by a qualified company. Tanks disposed of illegally in fields or other dumpsites can leak petroleum products and sludge into the environment. If your tanks are disposed of improperly, you could be held responsible for the cleanup of any environmental damage that occurs.

**I. OWNERSHIP OF TANKS**

**II. LOCATION**

Owner Name (Corporation, Individual, Public Agency, or Other Entity) Franklin Baking Company		Facility Name or Company Franklin Baking Company		
Street Address 1107 Myrtle Street		Facility ID # (If known) Unknown		
City Greenville	County Pitt	Street Address 1107 Myrtle Street		
State NC	Zip Code 27834	City Greenville	County Pitt	Zip Code 27834
Phone Number Unknown		Phone Number No numbe		

**III. CONTACT PERSONNEL**

Name: Jeffrey Corson	Company Name: ATC Associates of NC, PC	Job Title: Senior Project Manager	Phone Number: 871-0999
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**IV. TANK REMOVAL, CLOSURE IN PLACE, CHANGE-IN SERVICE**

- |  |   |  |
|--|---|--|
| 1. Contact local fire marshal.   | 5. Provide a sketch locating piping, tanks and soil sampling locations.   | a P.E. or L.G., with all closure site assessment reports bearing the signature and seal of the P.E. or L.G. If a release has not occurred, the supervision, signature or seal of a P.E. or L.G. is not required. |
| 2. Plan entire closure event.  | 6. Submit a closure report in the format of UST-12 (including the form UST-2) within thirty (30) days following the site investigation. |  |
| 3. Conduct Site Soil Assessment.   | 7. If a release from the tanks has occurred, the site assessment portion of the tank closure must be conducted under the supervision of |  |
| 4. If removing tanks or closing in place, refer to API Publication 2015 <i>Cleaning Petroleum Storage Tanks</i> and 1604 <i>Removal and Disposal of Used Underground Petroleum Storage Tanks</i> . | 8. Keep closure records for three (3) years.  |  |

**V. WORK TO BE PERFORMED BY**

Contractor Name: A&D Environmental		Contractor Company Name: A&D Environmental		
Address: 3149 Lear Drive, Burlington		State: NC	Zip Code: 27215	Phone No: 800 434 7750
Primary Consultant Name: Jeffrey Corson		Primary Consultant Company Name: ATC Associates of NC, PC		Consultant Phone No: 9198710999

**VI. TANKS SCHEDULED FOR CLOSURE OR CHANGE-IN-SERVICE**

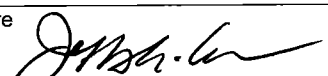
Tank ID No.	Size in Gallons	Last Contents	Proposed Activity		
			Closure		Change-In-Service New Contents Stored
			Removal	Abandonment in Place *	
1	1619	Unknown	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	

\* Prior written approval to abandon a tank in place must be received from a DWM Regional Office.

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

I understand that I can be held responsible for environmental damage resulting from the improper disposal of my USTs.

Print name and official title: Jeffrey A. Corson - Senior Project Manager

Signature 	Date Signed 9/7/13	SCHEDULED REMOVAL DATE	Notify your DWM Regional Office 48 hours before this date if scheduled removal date changes
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APPENDIX B

WASTE DISPOSAL MANIFEST



# Environmental Services, Inc.

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 \_\_\_\_\_

Greensboro, NC  
1107 ...  
Greensboro, NC

2) Tank Owner/Authorized Representative: Contact \_\_\_\_\_

Phone#: \_\_\_\_\_

3) Description Of Tanks:

<u>Tank No.</u>	<u>Capacity</u>	<u>Previous Contents</u>	<u>Comments</u>
<u>#1</u>	<u>500 ?</u>	<u>PROPANE</u>	<u>Good condition</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.

Dwight K. ... 9/24/13  
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.

Shaun Sigler 9-24-13  
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: \_\_\_\_\_

\_\_\_\_\_  
Printed/Typed Name Signature Month/Day/Year