



August 11, 2008

Mr. Cyrus Parker  
GeoEnvironmental Project Manager  
North Carolina Department of Transportation  
Century Center  
1020 Birch Ridge Drive  
P. O. Box 25201  
Raleigh, NC 27611

**State Project:** U-4020  
**WBS Element:** 35015.1.1  
**County:** Watauga  
**Description:** US 421 (King Street) from US 321 (Hardin Street) to east of NC 194 (Jefferson Road) in Boone

**Subject:** UST Closure, Parcel 15, Andrea McDonough Property  
URS Project No. 3182 5704

Dear Mr. Parker:

At your request, URS Corporation – North Carolina (URS) completed a UST removal and closure assessment at NCDOT Parcel 15, located in Watauga County, Boone, North Carolina (**Figure 1**). This project was completed pursuant to the our Technical and Cost Proposal dated June 6, 2008 and in accordance with procedures accepted by North Carolina Department of Environment and Natural Resources, UST Section. The physical address of the property is 154 East King Street (**Figure 2**), Andrea McDonough Property.

The UST was visibly identified by URS personal during the initial site visit and Preliminary Site Assessment activities. The UST was located near the southeast corner of the building, adjacent to the entrance of lower level of the building. URS subcontracted A & D Environmental of High Point, North Carolina to perform removal of the UST. On June 10, 2008, the top of UST was exposed with a backhoe. A vacuum truck was used to recover 14 gallons of residual product/sludge from the tank prior to removing the UST from the ground. The UST contained heating oil for consumptive use at the premises.

Upon removal, the UST was observed to be in good condition with very little pitting. The tank measured approximately 3.5 feet in diameter and 7.7 feet in length, which equates to an approximate volume of 560 gallons. URS did not observe any stained soils and did not detect any odors from the excavation. In addition to visual and olfactory observations, URS conducted field screening on the excavated soil with a photo ionization detector (PID). The PID was calibrated to a 100 parts-per-million (ppm) isobutylene-in-air standard according to the manufacturer's instructions. Soil was collected from the sides and bottom of the excavation and placed in individual plastic bags for subsequent headspace analysis. After approximately 10 minutes, the headspace in each plastic bag was checked for measurable organic vapors using the PID. PID readings were not detected, suggesting that no soil impacts present, therefore, no samples were collected for laboratory analysis.

The soil excavated from around the UST was loose, light brown, silty sand. The approximate excavation dimensions were 9 feet long, 5 feet wide, and 4.5 deep. The excavation was backfilled with the excavated soil and additional fill material locally obtained and graded to match the adjacent area.

URS Corporation – North Carolina  
1600 Perimeter Park Drive  
Morrisville, NC 27560  
Tel: 919-461-1100  
Fax: 919-46-1415



Mr. Cyrus Parker  
NCDOT  
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The location of the property and adjacent areas and the UST excavation are shown in the attached **Figure 2**. The following certificates and closure forms are attached:

- Tank Disposal Certificate
- Non-Hazardous Waste Manifest
- Tank Removal Permit

URS appreciates the opportunity to be of continued service to NCDOT. Please contact the undersigned at (919) 461-1100 with any questions or comments.

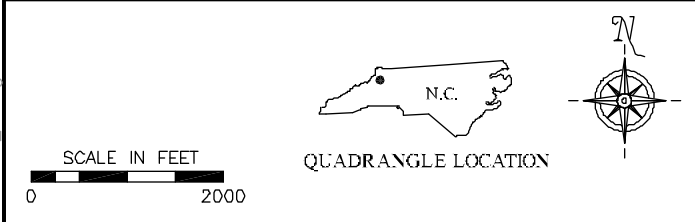
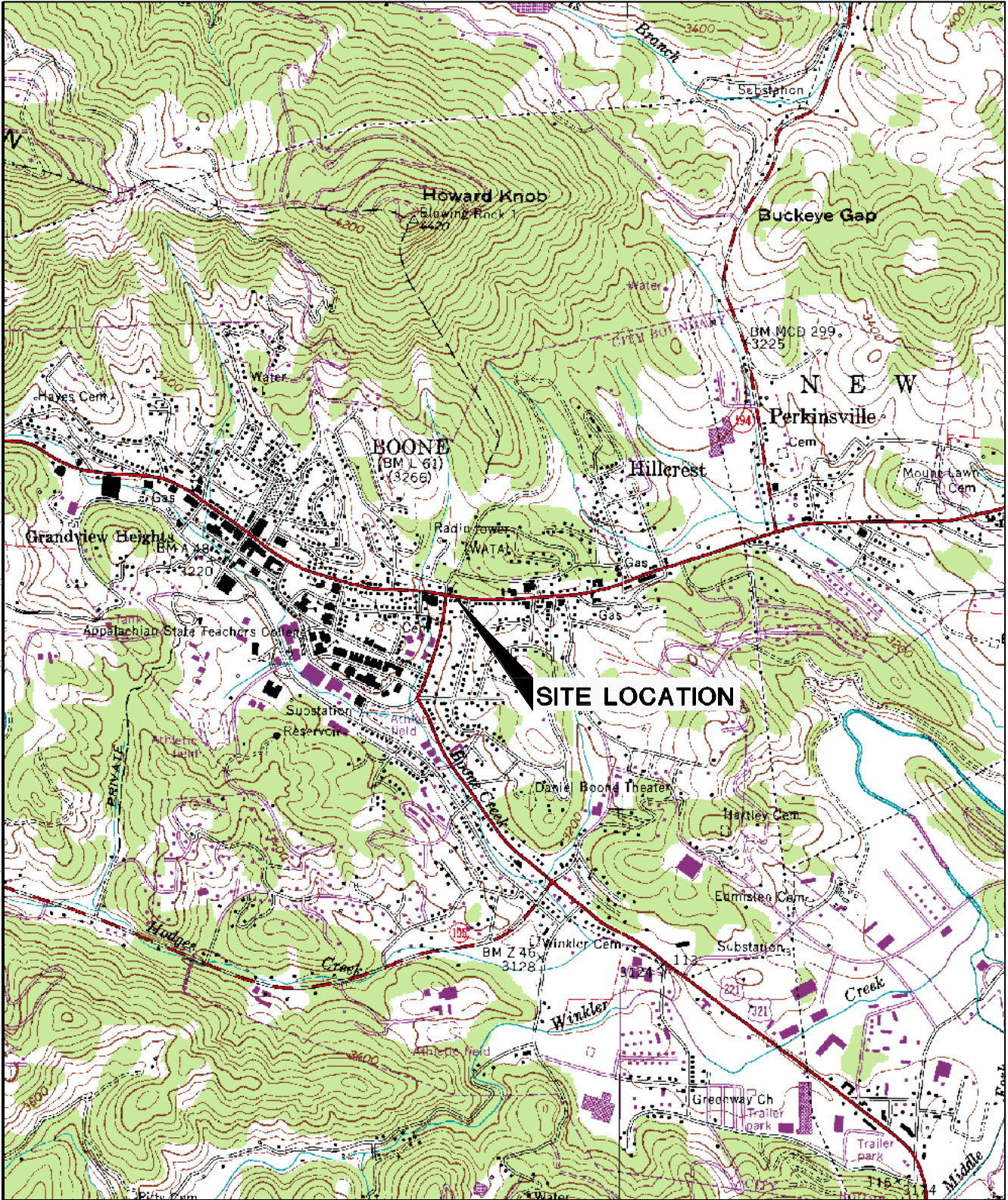
Sincerely,  
**URS Corporation – North Carolina**

Walt Plekan, L.G.  
Project Geologist


Vernon E. Keys  
Senior Project Manager

Attachments

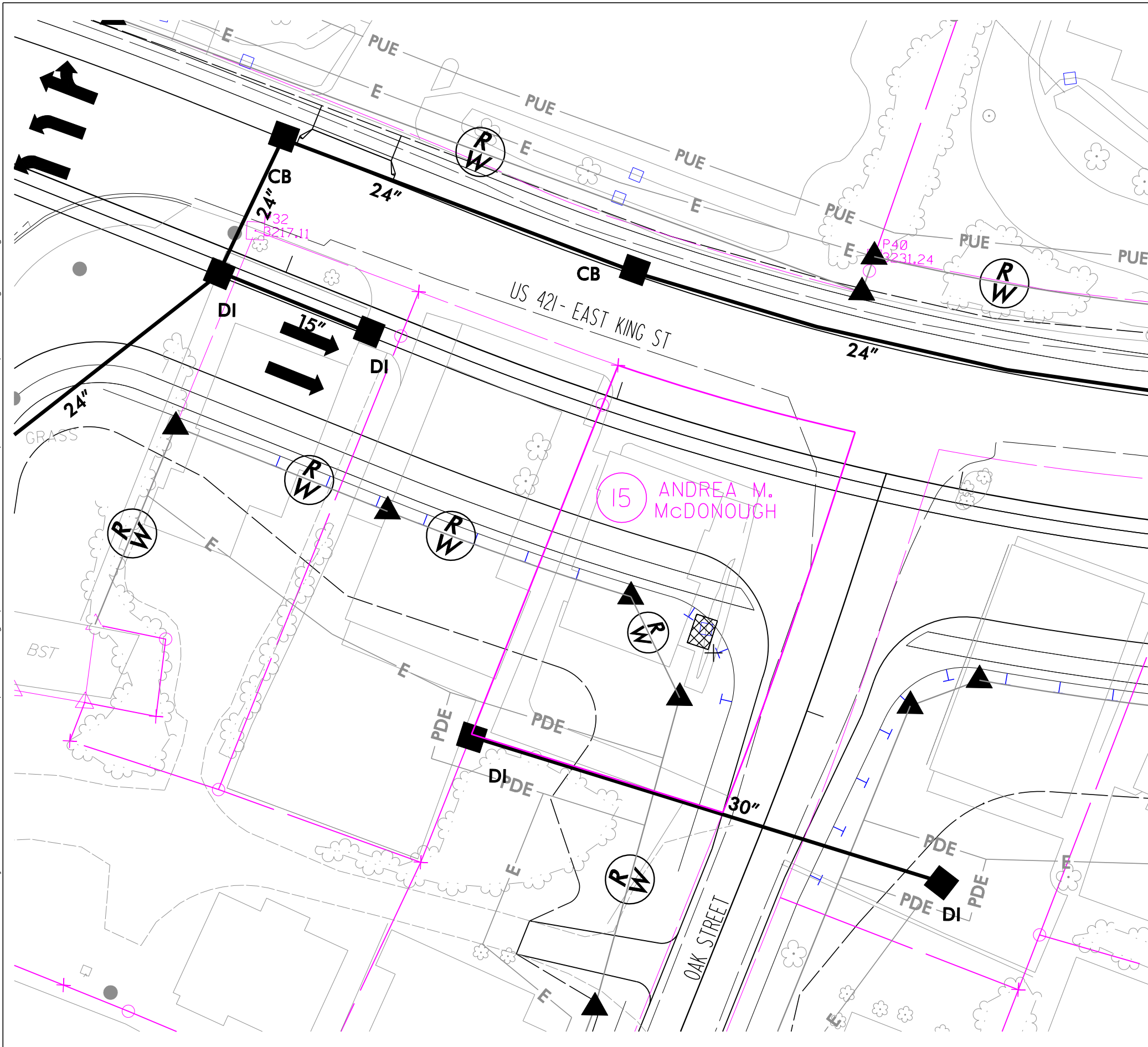
P:\Common Projects\NC\DOT\3182\_5704\_Boone\_PSA\6.0\_Graphics\6.3 - AutoCad\Figure 1.dwg May 28, 2008 - 1:45 PM






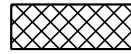
**FIGURE 1. LOCATION MAP**  
**PARCEL 15, 154 E. KING STREET**  
**BOONE, NORTH CAROLINA**

Prepared for:		
NC DOT		
DRAWN BY:	TSH	RDU, NORTH CAROLINA 27560
DATE:	05/01/08	
PROJECT NO.:	31825704	
		Fig. 1

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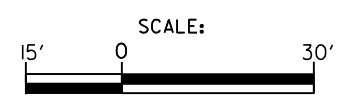


**LEGEND**

-  PROPOSED RIGHT-OF-WAY
-  PROPOSED EASEMENT
-  PROPOSED DRAINAGE STRUCTURE
-  APPROXIMATE LOCATION OF UST

**NOTES**

- PDE - PERMANENT DRAINAGE EASEMENT
- PUE - PERMANENT UTILITY EASEMENT
- DI - DROP INLET
- CB - CATCH BASIN



<p><b>PARCEL 15</b>  <b>ANDREA MCDONOUGH PROPERTY</b>          154 EAST KING STREET          BOONE, NORTH CAROLINA</p>		
<p><i>URS Corporation - North Carolina</i>          1600 Perimeter Park Drive          Morrisville, North Carolina 27560          TELEPHONE (919) 461-1100 FAX (919) 461-1415</p>		
DRN BY: SMS	DATE: 6-3-08	STATE PROJECT:
CHECKED BY: VK	DATE: 6-5-08	U-4020
SITE MAP		FIGURE FIG-02



# 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 \_\_\_\_\_

State Farm - Parcel 15  
154 E. King St.  
Boone N.C.

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

URS WAH Plekan  
Phone#: 919 461 1223

3) Description Of Tanks:

<u>Tank No.</u>	<u>Capacity</u>	<u>Previous Contents</u>	<u>Comments</u>
#1	550	#2 oil	empty

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.

Michael Meese as agent for NCDOT      Michael Meese      6-10-08  
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.

Scott Newton      6-10-08  
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: Hayes Iron & Metal Providence N.C.  
Travis Clapp      Travis Clapp      6-20-08  
Printed/Typed Name      Signature      Month/Day/Year

# 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

A&D 10/03

Manifest Document No. \_\_\_\_\_  
Page 1 of 1  
A & D Job No. 84283

## GENERATOR INFORMATION

Name: State Farm - Parcel 15 US EPA ID No. \_\_\_\_\_  
Street Address: 154 E. King St. Boone NC Mailing Address: \_\_\_\_\_ Phone No. \_\_\_\_\_  
Contact: \_\_\_\_\_

## DESCRIPTION OF MATERIALS

a.	HM	USDOT Proper Shipping Name (Complete All Items for Hazardous Materials)	Hazard Class or Div.	UN / NA ID No.	Packing Group	Containers		Total Quantity	Unit Wt./ Vol.
						Qty.	Type		
		<u>Non-Hazardous liquids N.O.D.</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>1</u>	<u>TT</u>	<u>142</u>	<u>G</u>
b.									
c.									

## ADDITIONAL INFORMATION

a.	ERG No.	A & D Profile Code	Facility Use
<u>#2 Fuel oil, water</u>			
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: Michael Meese as agent for NCDOT Signature: Michael Meese Mo. / Day / Yr.: 6-9-08

## TRANSPORTER INFORMATION

Transporter: A & D ENVIRONMENTAL SERVICES, INC. I hereby acknowledge receipt of the above-described materials for transport from the generator site listed above.  
Address: 2718 UWHARRIE ROAD ARCHDALE, NC 27263  
Signature: Rodney Rester Shipment Date: 6-9-08  
Transporter or EPA ID No.: NCD986232221 Unit No.: \_\_\_\_\_ I hereby acknowledge that the above-described materials were received from the generator site and were transported to the facility listed below.  
Phone: (336) 434-7750 Signature: Rodney Rester Delivery Date: 6-9-08

## FACILITY INFORMATION

Facility: A & D ENVIRONMENTAL SERVICES, INC. I hereby acknowledge receipt of the materials covered by this manifest except for any discrepancy noted below.  
Address: 2718 UWHARRIE ROAD ARCHDALE, NC 27263  
Signature: A. Clays Receipt Date: 6-9-08  
Facility or EPA ID No.: NCD986232221 Discrepancies / Routing Codes / Handling Methods:  
Phone: (336) 434-7750  
Contact: TIM PARKER

## Boone Fire Department Fire Prevention Permit

**Business Name:** STATE FARM INSURANCE  
**Permit Holder:** 500 UNDERGROUND TANK/URS CORPORATION

Number	Dir.	Street Name	Type	Suite
0154	E	KING	ST	

**Type Of Permit:** TANK REMOVAL in accordance with the regulations of the North Carolina Fire Prevention Code.

**Permit Date:** 6/9/2008

**Expiration Date:** 6/9/2008

Please post in a conspicuous location.

  
\_\_\_\_\_  
FIRE MARSHAL RONALD D. MARSH

URS CORPORATION  
1600. PREMIER PARK DRIVE, SUITE 400  
MORRISVILLE, NC 27560