

UNDERGROUND STORAGE TANK CLOSURE REPORT

The closure report should contain, at a minimum, the following information. Any other information that is pertinent to the site should be included.

I. General Information

A. Ownership of UST(s)

1. Name of UST owner:

Ladd Furniture

2. Owner address and telephone number:

1 Plaza Center
High Point, North Carolina 27261
(910) 889-0333

B. Facility Information

1. Facility name:

American Drew Plant #14

2. Facility ID #:

0-06484

3. Facility address, telephone number and county:

Highway 268 East
North Wilkesboro, North Carolina 28659
(910) 651-9400
Wilkes County

SPATCO
Environmental, Inc.

C. Contacts

1. **Name, address, telephone number and job title of primary contact person:**

Mr. Jack Greer
Environmental Coordinator
1101 D Street
North Wilkesboro, NC 28659
(910) 651-9400

2. **Name, address and telephone number of closure contractor:**

SPATCO Environmental, Inc.
5100 North I-85 Service Road, Suite 7
Charlotte, North Carolina 28206
(800) 873-1250

3. **Name, address and telephone number of primary consultant:**

Michael D. Shaw, P.G.
SPATCO Environmental, L.L.P.
4800 North Graham Street
Charlotte, North Carolina 28231
(800) 873-1250

4. **Name, address, telephone number, and State certification number of laboratory:**

Hydrologic, Inc.
1491 Twilight Trail
Frankfurt, Kentucky 40601
(800) 728-2251
NC 399

D. UST Information

Tank no.	Installation dates	Size in Gallons	Tank Dimensions	Last Contents	Previous Contents (if any)
1	3/27/73	20,000	10' 6" x 31'	#6 fuel oil	---

E. Site Characteristics

1. **Describe any past releases at this site:** There have been no known past releases at this site.
2. **Is the facility active or inactive at this time? If the facility is inactive note the last time the USTs were in operation:** The facility is currently active.
3. **Describe surrounding property use (for example, residential, commercial, farming, etc.):** The surrounding property is commercial and industrial.
4. **Describe site geology/hydrogeology:** The site, located in North Wilkesboro, North Carolina, is located in the Inner Piedmont Belt physiographic province which is characterized by gneiss and schist that have been intruded by younger granitic rocks. The bedrock is biotite-gneiss-schist, according to the 1985 Geologic Map of North Carolina. Soils encountered in the excavation consisted mainly of a reddish brown silt with some clay. Groundwater was not encountered in the excavation.

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:** Prior to the UST removal, a Notification of Intent for Permanent Closure (GW/ UST-3) was submitted to the North Carolina Department of Environment, Health and Natural Resources (NCDEHNR), Winston-Salem Regional Office by SPATCO Environmental on July 2, 1997.
- B. **Note the amount of residual material pumped from the tank(s):** Approximately 1,298 gallons of liquid and sludge was pumped from the UST prior to removal.
- C. **Describe the storage, sampling and disposal of the residual material:** The sludge and liquid mixture was disposed of by A & D Environmental at their Archdale, NC facility.
- 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:** Just enough soil was

removed to allow access to the UST for removal. Stained soil was not encountered in the UST excavation.

2. **Note the depth of tank burial(s) (from land surface to top of tank):** The top of the UST was buried approximately four feet below land surface.
3. **Quantity of soil removed:** No soil was removed from the site as part of the UST removal activities.
4. **Describe soil type(s):** The soils at the site were primarily a reddish brown silt with some clay.
5. **Type and source of backfill used:** The excavation was backfilled with native soil from the excavation and fill dirt and stone, delivered to the site by Vulcan of North Wilkesboro, NC.

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:** Soil excavation was not undertaken as part of UST removal activities.
2. **Describe method of temporary storage, sampling and treatment/disposal of soil:**
N/A

III. Site Investigation

- A. **Provide information on field screening and observations, include methods used to calibrate field screening instrument(s):** A Photo Ionization Detector (PID) was used to field screen the soil samples. Soil samples SS-6, SS-7, SS-8, and SS-9 had a PID reading of 0 parts per million (ppm). The PID is calibrated using isobutane.
- 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.

SPATCO

Environmental, Inc.

- **Location of samples:** A total of four soil samples were collected during UST removal activities. Soil samples SS-6, SS-7, SS-8, and SS-9 were taken from approximately two feet below the base of the former UST.
- **Type of samples (from excavation, stockpiled soil, etc.):** Soil samples SS-6, SS-7, SS-8, and SS-9 were collected from undisturbed soil from within the excavation.
- **Sample collection procedures (grab, split spoon, hand auger, etc.):** Soil samples SS-6, SS-7, SS-8, and SS-9 were obtained from the undisturbed soil within the excavator bucket.
- **Depth of soil samples (below land surface):** Soil sample SS-6, SS-7, SS-8, and SS-9 were collected approximately sixteen feet below land surface.
- **Whether samples were taken from side or floor of an excavation:** Soil samples SS-6, SS-7, SS-8, and SS-9 were collected from the floor of the UST excavation.
- **Sample identification:** Soil samples SS-6, SS-7, SS-8, and SS-9 were labeled with letters and numbers.
- **Sample analyses:** The soil samples were analyzed for Oil and Grease by EPA Method 9071.

C. Describe groundwater or surface water 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:** N/A
- **Sample collection procedures (grab, bailer, etc.):** N/A
- **Sample identification:** N/A
- **Sample analyses:** N/A

D. Quality control measures :

- **Describe sample handling procedures including sample preservation and transportation:**
After collection, the soil samples were split into two representative portions. The first portion was sealed in a polyethylene bag for at least fifteen minutes to allow any petroleum hydrocarbons to volatilize. The second portion of each sample was placed in a laboratory supplied glass container and sealed with a Teflon[®] lined cap. Samples were stored in an iced cooler and maintained at 4° Celsius. Using proper chain-of-custody procedures, soil samples SS-6, SS-7, SS-8, and SS-9 were submitted for laboratory analysis, to Hydrologic, Incorporated on July 10, 1997. Soil samples were submitted in accordance with NCDEHNR specifications.

- Describe decontamination procedures used: N/A
- Describe time and date samples were collected and date submitted to lab: Using proper chain-of-custody procedures, soil samples SS-6, SS-7, SS-8, and SS-9 were submitted for laboratory analysis, to Hydrologic, Incorporated on July 10, 1997.
- 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: N/A
- Discuss how results of quality control samples may have affected your interpretation of soil, groundwater or surface water samples: N/A

E. Investigation results

- Describe results of Site Sensitivity Evaluation (SSE), (if SSE was not conducted, explain why not): Because detectable Oil and Grease concentrations were not encountered in soil samples SS-6, SS-7, SS-8, and SS-9, a Site Sensitivity Evaluation (SSE) was not conducted.
- Describe methods of analyses used (include U.S. EPA method number): The soil samples were analyzed for Oil and Grease by EPA Method 9071.
- Describe analytical results for samples; discuss in relation to site specific cleanup level or action level, as appropriate: Laboratory analysis indicate that soil samples SS-6, SS-7, SS-8, and SS-9 did not contain laboratory detectable Oil and Grease concentrations

IV. Conclusions and Recommendations

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

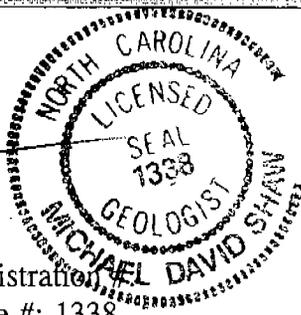
Laboratory analysis of soil samples collected during the 20,000 gallon #6 fuel oil UST removal procedures indicate that soil samples SS-6, SS-7, SS-8, and SS-9 did not contain detectable Oil and Grease concentrations. SPATCO Environmental, Incorporated anticipates that the NCDEHNR will not require any further assessment activities at this site.

V. Signature of Professional Engineer or Licensed Geologist



Michael D. Shaw, P.G.
NC 1338

- Professional Engineer Registration
- Licensed Geologist License #: 1338



VI. Enclosures

A. Figures

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)
 - Distance to known private water supply well(s)
 - Surface water bodies
 - Groundwater flow direction (if available)
 - Scale
 - North arrow
2. Site map of UST excavation area drawn to scale, showing:
 - Buildings
 - Underground utilities such as sewer lines and other conduits
 - Orientation of UST(s), pumps, and product lines
 - Length, diameter and volume of USTs
 - Type of material(s) stored in USTs (currently and previously)
 - Sample locations (identified by letter or number)
 - Final limits of excavation
 - North arrow
 - Scale
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)

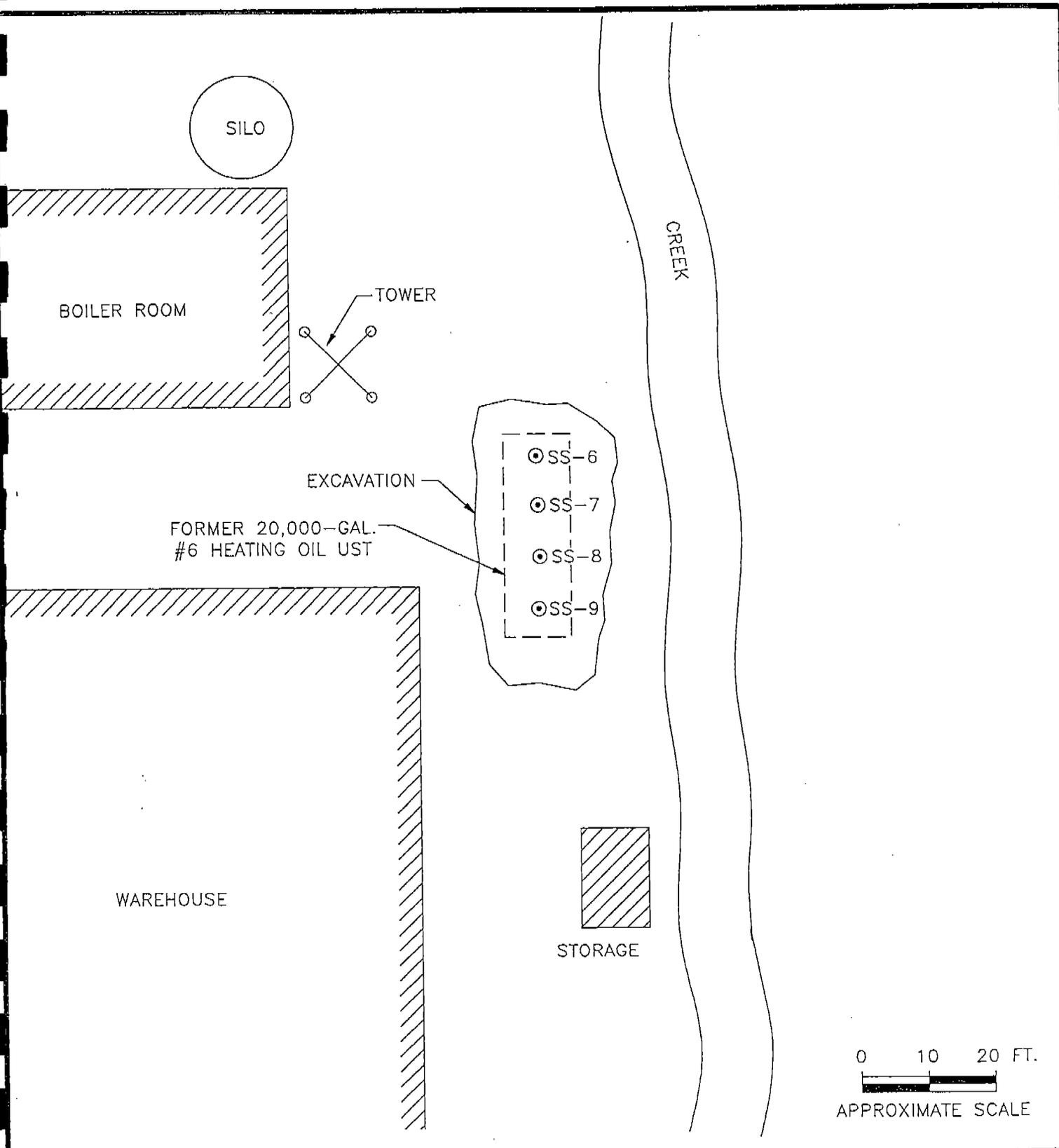
B. Tables

1. Field Screening Results
2. Sample Identifications Depths & Analyses
3. Soil Sample Analytical Results

C. Appendices

- Appendix A: Notification of intent to close (GW/UST-3)
Appendix B: Site Investigation Report for Permanent Closure or Change-in-Service of UST(GW/UST-2)
Appendix C: Certificate of tank disposal
Appendix D: Soil, water, sludge disposal manifests
Appendix E: Complete chain-of-custody records
Appendix F: Copy of all laboratory analytical records
Appendix G: Site Sensitivity Evaluation (SSE) (if applicable)
Appendix H: Photographs of Closure Activities (optional)
Appendix I: Geologic logs for excavation(s)

Figures



LEGEND:
 ⊙ SOIL SAMPLE LOCATION

0 10 20 FT.
 APPROXIMATE SCALE

SPATCO Environmental, Inc.	
FIGURE 2: SITE MAP AMERICAN DREW PLANT #14 HWY 268 EAST N. WILKESBORO, NC	
WO #197-357 DWG #AD0357F2	DATE: 7/22/97 DRAWN BY: JCJ

Tables

Table 1: Field Screening Results

American Drew Plant #14 Highway 268 East North Wilkesboro, North Carolina 28659 SPATCO Project Number 197-357		
Sample #	Sample Date	PID Reading (ppm)
SS-6	7/10/97	0
SS-7	7/10/97	0
SS-8	7/10/97	0
SS-9	7/10/97	0

ppm = parts per million

Table 2: Sample Identification, Sample Depth and Analysis

American Drew Plant #14 Highway 268 East North Wilkesboro, North Carolina 28659 SPATCO Project Number 197-357			
Sample #	Sample Date	Sample Depth (feet)	Analysis EPA Method
SS-6	7/10/97	16	Oil and Grease 9071
SS-7	7/10/97	16	Oil and Grease 9071
SS-8	7/10/97	16	Oil and Grease 9071
SS-9	7/10/97	16	Oil and Grease 9071

Table 3: Soil Sample Analytical Results

American Drew Plant #14 Highway 268 East North Wilkesboro, North Carolina 28659 SPATCO Project Number 197-357		
Sample #	Sample Date	Oil and Grease 9071
SS-6	7/10/97	BRL
SS-7	7/10/97	BRL
SS-8	7/10/97	BRL
SS-9	7/10/97	BRL

ppm = parts per million
BRL = Below Sample Reporting Limit of 10 ppm
NA - Not Available

Appendix A

GW/UST-3

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

FOR
TANKS
IN
NC

Return Completed Form To:
The appropriate DWQ 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 at least five (5) working days prior to closure or change-in-service 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. Otherwise, thirty (30) days notice is required.

I. OWNERSHIP OF TANK(S)

Tank Owner Name: LADD FURNITURE
(Corporation, Individual, Public Agency, or Other Entity)
Street Address: 1 PLAZA CENTER
County: _____
City: High Point State: NC Zip Code: 28659
Tele. No. (Area Code): 910-889-0333

II. LOCATION OF TANK(S)

Facility Name or Company: AMERICAN DREW PLANT #14
Facility ID # (if available): 0-06484
Street Address or State Road: 1101 D STREET HWY 268 EAST
County: WILKES City: N. WILKESBORO Zip Code: 28659
Tele. No. (Area Code): 910-838-2121

III. CONTACT PERSON

Name: JACK GRPER Job Title: 910-889-0333 Telephone Number: (____) _____

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

- | | | |
|--|--|---|
| <ol style="list-style-type: none"> 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". | <ol style="list-style-type: none"> Provide a sketch locating piping, tanks and soil sampling locations. Submit a closure report in the format of GW/UST-12 and include the form GW/UST-2 within 30 days following the site investigation. If a release from the tank(s) has occurred, the site assessment portion of the tank | <p>closure must be conducted under the supervision of a P.E. or L.G., with all closure site assessment reports bearing 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.</p> <ol style="list-style-type: none"> Keep closure records for 3 years. |
|--|--|---|

V. WORK TO BE PERFORMED BY:

(Contractor) Name: SPATCO ENVIRONMENTAL
Address: 5100 E 85th St Charlotte State: NC Zip Code: 28206
Contact: MIKE WORNER Phone: 704-596-8624
Primary Consultant: SPATCO ENVIRONMENTAL Phone: 704-596-8624

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>1</u>	<u>20,000</u> 30,000	<u>FUEL 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"/>	<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: MICHAEL WORNER - CONSTRUCTION MGR *Scheduled Removal Date: 7-10-97
Signature: [Signature] Date Submitted: 7-2-97

*If scheduled work date changes, notify your appropriate DWQ Regional Office 48 hours prior to originally scheduled date.

Appendix B

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: LADD FURNITURE
Corporation, Individual, Public Agency, or Other Entity
Street Address: 1 PLAZIA CENTER
County: Guilford
City: High Point State: NC Zip Code: 27261
Telephone Number: (910) 889-0333
(Area Code)

II. Location of Tank(s)

Facility Name: American Drew Plant #X 14
(or Company)
Facility ID # (if available): 0-06484
Street Address: 1101 D Street NW 1268 East
(or State Road)
County: Wilkes City: Wilkesboro Zip Code: 28659
Telephone Number: (910) 833-2121
(Area Code)

III. Contact Person

Name: JACK GREER Job Title: _____ Tel. No.: (910) 889-0333
Closure Contractor: SPATCO ENV. INC. Address: 5700 N. I-85, Charlotte, NC 28226 Tel. No.: 704-596-8624
Primary Consultant: SPATCO ENV. L.L.P. Address: 4800 N. Graham St. Charlotte, NC 28226 Tel. No.: 704-596-8624
Lab: Hydrologic, INC. Address: 1491 Twilight Trail, Frankfort Ky Tel. No.: 800-728-2251

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
1	30,000		#6 Fuel Oil		X		X		X
1	30,000		#6 Fuel Oil		X		X		X
1	20,000	10'6" x 31'	#6 Fuel Oil		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.

NOTE: The site assessment portion of the tank closure must be conducted under the supervision of a Professional Engineer or Licensed Geologist.

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.
 - 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: 7/10/97
Date of Change-in-Service: _____

ABANDONMENT IN PLACE

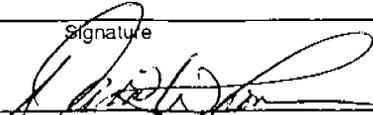
- Fill tank until material overflows tank opening.
- Plug or cap all openings.
- Disconnect and cap or remove vent line.
- Solid inert material used - specify: _____

REMOVAL

- Create vent hole.
 - Label tank.
 - Dispose of tank in approved manner.
- Final tank destination: Southwest tank Charlotte, 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.

Print name and official title of owner or owner's authorized representative <u>DAVID W. THOMPSON, Staff Scientist, SPATCO ENV. INC.</u>	Signature 	Date Signed <u>9/9/97</u>
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Appendix C

SOUTHERN TANK & ENVIRONMENTAL, INC.

CERTIFICATE OF DISPOSAL

FEDERAL/CERTIFICATE # 56-1669418/10889

DATE 7/9/97

CONTRACTOR

SPATCO Environmental, Inc.

5100 N. I-85S Suite 7

Charlotte, NC 28206

LOCATION

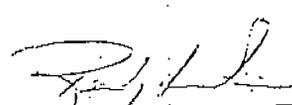
American Drew

Wilksboro, NC

TYPE OF TANK	SIZE	CONTENT IN GAL.	TANK ID#
<u>UST 20,000 gallon</u>	<u>10'6" x 31'</u>	<u>Less than 1%</u>	<u>STDS-5773</u>

Southern Tank & Environmental, Inc. certifies that the above mentioned tanks have been properly disposed of at 2018 Lawyers Rd., Indian Trail, NC, and the contents and sludges processed in full compliance with Local, State and Federal regulations.

Southern Tank & Environmental, Inc.


Randy L. Williams

Appendix D

MATERIAL & Environmental and MANIFEST Industrial Services, Inc.

EMERGENCY PHONE NO.
(800) 434-7750

POST OFFICE BOX 484 TEL (910) 434-7750
HIGH POINT, NC 27261 FAX (910) 434-7752

Manifest Document No. AD97768-0002
Page 2 of 2
A & D Job No. AD97768

GENERATOR INFORMATION

Name S. H. ...	US EPA ID No.
Street Address ... N.W. ...	Mailing Address 5100 N. I-85, ST. 7 Charlotte NC 28206
	Phone No. 800 473-1250
	Contact Scott Gray / Mark Morris

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.	Containers Type	Total Quantity	Unit Wt./Vol.
X	Flammable Liquid NOS	3	1993	II	1	TI	1298	gal

ADDITIONAL INFORMATION

a. #6 Sludge	ERG No.	A & D Profile Code	Facility Use
b.			

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 Scott Gray	Signature <i>[Signature]</i>	Mo. / Day / Yr. 7-8-97
------------------------------------	---------------------------------	---------------------------

TRANSPORTER INFORMATION

Transporter A & D ENVIRONMENTAL AND INDUSTRIAL SERVICES	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 <i>[Signature]</i>	Shipment Date 7-8-97
Transporter or EPA ID No. NCD986232221	Unit No. 11	I hereby acknowledge that the above-described materials were received from the generator site and were transported to the facility listed below.
Phone (910) 434-7750	Signature <i>[Signature]</i>	Delivery Date 7-8-97

FACILITY INFORMATION

Facility A & D ENVIRONMENTAL AND INDUSTRIAL SERVICES	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 <i>[Signature]</i>	Receipt Date 7/8/97
Facility or EPA ID No. NCD986232221	Discrepancies / Routing Codes / Handling Methods	
Phone (910) 434-7750	a.	
Contact DAVID TEDDER	b.	
	c.	

Appendix E

Appendix F

HYDROLOGIC, INC.



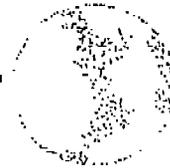
COMPANY NAME: SPATCO - Charlotte
COMPANY PROJECT NUMBER: 197-357
HYDROLOGIC PROJECT NUMBER: K9714863C
HYDROLOGIC LAB ID #: 399
HYDROLOGIC SAMPLE NUMBER: 9714863
SAMPLE IDENTIFICATION: SS-6
DATE SAMPLED: 07/10/97

<u>ANALYSIS</u>	<u>DATE/TIME</u> <u>ANALYZED</u>	<u>METHOD</u>	<u>UNITS</u>	<u>SRL</u>	<u>RESULT</u>
Oil and Grease	07/23/97	TFH 9071	mg/kg	10	BRL

BRL = Below Sample Reporting Limit
SRL = Sample Reporting Limit

COMMENTS: _____

HYDROLOGIC, INC.



COMPANY NAME: SPAICO - Charlotte
COMPANY PROJECT NUMBER: 197-357
HYDROLOGIC PROJECT NUMBER: K9714863C
HYDROLOGIC LAB ID #: 399
HYDROLOGIC SAMPLE NUMBER: 9714864
SAMPLE IDENTIFICATION: SS-7
DATE SAMPLED: 07/10/97

<u>ANALYSIS</u>	<u>DATE/TIME ANALYZED</u>	<u>METHOD</u>	<u>UNITS</u>	<u>SRL</u>	<u>RESULT</u>
Oil and Grease	07/23/97	TPH 9071	mg/kg	10	BRL

BRL = Below Sample Reporting Limit
SRL = Sample Reporting Limit

COMMENTS: _____

HYDROLOGIC, INC.



COMPANY NAME: SPATCO - Charlotte
COMPANY PROJECT NUMBER: 197-357
HYDROLOGIC PROJECT NUMBER: K9714863C
HYDROLOGIC LAB ID #: 399
HYDROLOGIC SAMPLE NUMBER: 9714865
SAMPLE IDENTIFICATION: SS-8
DATE SAMPLED: 07/10/97

<u>ANALYSIS</u>	<u>DATE/TIME ANALYZED</u>	<u>METHOD</u>	<u>UNITS</u>	<u>SRL</u>	<u>RESULT</u>
Oil and Grease	07/23/97	TEH 9071	mg/kg	10	BRL

BRL = Below Sample Reporting Limit
SRL = Sample Reporting Limit

COMMENTS: _____

HYDROLOGIC, INC.



COMPANY NAME: SPATCO - Charlotte
COMPANY PROJECT NUMBER: 197-357
HYDROLOGIC PROJECT NUMBER: K9714863C
HYDROLOGIC LAB ID #: 399
HYDROLOGIC SAMPLE NUMBER: 9714866
SAMPLE IDENTIFICATION: SS-9
DATE SAMPLED: 07/10/97

<u>ANALYSIS</u>	<u>DATE/TIME</u> <u>ANALYZED</u>	<u>METHOD</u>	<u>UNITS</u>	<u>SRL</u>	<u>RESULT</u>
Oil and Grease	07/23/97	TEH 9071	mg/kg	10	BRL

BRL = Below Sample Reporting Limit
SRL = Sample Reporting Limit

COMMENTS:

Appendix G
(not applicable)

Appendix H
(not included)

Appendix I

SPATCO
Environmental, Inc.

DATE: 7-10-97

JOB NAME: American Drew Plant #14
ADDRESS: Highway 268 East
North Wilkesboro, NC

DEPTH (feet)	UNIFIED METHOD	DESCRIPTIVE LOG
0 - 16.0	ML	Reddish Brown Silt with some Clay