525SERBSF10,631

525SERBSF10,631

Site Name (Subject):	THOMASVILLE FURNITURE INDS/LENOIR
Site ID (Document ID):	NCD054290770
Document Name (DocType):	Correspondence (C)
Report Segment:	
Description:	General Correspondence, 1987 - 1995
Date of Document:	4/7/1995
Date Received:	4/11/1995
Box: *Enter SF and # with no spaces*	SF10,631
Access Level:	PUBLIC
Division:	WASTE MANAGEMENT
Section:	SUPERFUND
Program (Document Group):	SERB (SERB)
Document Category:	FACILITY

Print Report for Record | Go to New Blank Record | Go to New Record - (default to last record values) | Delete Record

THOMASVILLE FURTNITURE INDUSTRIES INC.

NCD 054 290 770

Folders

1. General Correspondence file, 1987—1995

Bound Reports

1. Photographs and Maps
2. Screening Site Investigation Report: December 1988
3. Test Report No. AB1104—Supplemental: April 1991
4. Phase I Site Assessment: June 1991
5. Phase II Assessment Report: May 1992
6. Phase III Site Assessment Report: October 1992
7. Phase IV Site Assessment Report: February 1993
8. Remedial Operations Summary: June 1993
9. Site Inspection Prioritization: February 1994
10. Site Inspection Prioritization—References: February 1994

Three-Ring Binders

(See shelves above filing cabinets)

1. Excavation Summary Report: November 1993
2. Excavation Summary Report, Appendix F: November 1993

DATE: August 22, 1995

SUBJECT: REMOVAL FROM EPA'S CERCLIS INVENTORY

FROM: Matthew J. Robbins, Brownfields Coordinator
Waste Management Division, Region IV

TO: THOMASVILLE FURNITURE INDS
BLOWING ROCK HWY
LENOIR
NC 28645

EPA has identified the Brownfields Initiative as one of the Agency's top priorities. The term "brownfields" refers to previously used properties that may lie vacant because potential contamination makes them unmarketable to the private sector. EPA has recently announced a comprehensive Brownfields strategy, including Pilot grants to municipalities, to stimulate economic revitalization.

One part of the strategy has been for EPA to review its complete inventory of Superfund sites. These sites have been screened and determined to require no remedial action under the Federal Superfund Program based on information available as well as on conditions and policies that currently exist. This is to notify you that EPA has removed your facility from EPA's computer inventory known as CERCLIS. THIS DOES NOT INDICATE THAT THE STATE HAS MADE A SIMILAR DETERMINATION.

If you have any questions, please call me at 404/347-5059 ext. 6214.

cc: State Agency

WOMBLE CARLYLE SANDRIDGE & RICE
A PROFESSIONAL LIMITED LIABILITY COMPANY
1600 SOUTHERN NATIONAL FINANCIAL CENTER
200 WEST SECOND STREET
WINSTON-SALEM, NORTH CAROLINA 27101

MAILING ADDRESS
POST OFFICE DRAWER 84
WINSTON-SALEM, NORTH CAROLINA 27102
TELEPHONE (910) 721-3600
FACSIMILE (910) 721-3660

OTHER OFFICES:
ATLANTA, GA
CHARLOTTE, NC
RALEIGH, NC

MARTIN L. HOLTON, III
(910) 721-3555

RECEIVED
APR 11 1995
SUPERFUND SECTION

April 7, 1995

Mr. G. Doug Rumford
Hydrogeologist
Superfund Section
Division of Waste Management
NC Department of Environment, Health
& Natural Resources
Post Office Box 27687
Raleigh, North Carolina 27611-7687

Re: Thomasville Furniture Industries, Inc. -- Lenoir Facility
USEPA ID No. NCD054290770
N.C. Superfund ID No. SIS140100527

Dear Mr. Rumford:

I enclose a comprehensive report describing a series of ground water investigations that were conducted at the Lenoir facility of Thomasville Furniture Industries, Inc. Bruce Braswell, who at the time was with ENSCI, supervised the investigation. If you have any questions, please feel free to call Bruce, who is now with TERRA Technologies Group, P.A. His new telephone number is 910-841-3202.

Sincerely yours,

Mark Holton

Martin L. Holton, III

MLH:ma
Enclosure

cc: David R. Masters (w/enclosure)
Bruce K. Braswell (w/enclosure)

Thomasville Furn. Ind.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

August 8, 1994

AUG 15 1994

4WD-WPB

Ms. Pat DeRosa, Head
CERCLA Branch
North Carolina Department of Environment,
Health and Natural Resources
Division of Solid Waste Management
P.O. Box 27687
Raleigh, North Carolina 27611-7687

Dear Ms. DeRosa:

The following reports have recently been reviewed and accepted by EPA - Region IV Site Assessment Section:

Preliminary Assessments

Kinston Tornado Site Lenoir County NCD 986 214 989	No Further Remedial Action Planned (NFRAP)
Ross Road Tire Fire Gaston County NCD 986 191 807	Further Action (FA) Low Priority

Site Inspections

Surry County Tire Fire Surry County NCD 986 171 254	NFRAP

Site Inspection Prioritizations (SIPs)

Corning Glass Works New Hanover County NCD 003 938 586	NFRAP
American Petrofina Mktg Guilford County NCD 096 160 262 (Black & Veatch Waste Science)	NFRAP

Carolina Solvents, Inc. NFRAP
Catawba County
NCD 047 285 598

Thomasville Furniture Ind. NFRAP
Caldwell County
NCD 054 290 770

Enclosed please find the Remedial Site Assessment Decision Forms for each report generated by the North Carolina Superfund program and a copy of the actual report generated by the EPA Contractor.

In addition, I have enclosed a copy of the CERCLA Site Status Report for North Carolina.

If you have any questions concerning these site decisions, please call me at (404) 347-5059, Extension 6150.

Sincerely,

Cynthia K. Gurley

Cynthia K. Gurley
North Carolina, PO

Enclosures

REMEDIAL SITE ASSESSMENT DECISION - EPA REGION IV

Site Name: Thomasville Furniture Ind. **EPA ID#:** NCD 054 290 770

Alias Site Names: _____

City: Lenoir **County or Parish:** Caldwell **State:** NC

Refer to Report Dated: 02/25/94 **Report type:** SIP

Report developed by: NCDEHNR Doug Rumford

DECISION:

|XX| **1. Further Remedial Site Assessment under CERCLA (Superfund) is not required because:**

|XX| 1a. Site does not qualify for further remedial site assessment under CERCLA (Site Evaluation Accomplished - SEA)

| | 1b. Site may qualify for further action, but is deferred to: | | RCRA | | NRC

| | **2. Further Assessment Needed Under CERCLA:** 2a. (optional) Priority: | | Higher | | Lower

2b. Activity Type: | | PA | | ESI | | SI | | HRS evaluation

| | Other: _____

DISCUSSION/RATIONALE: Review of laboratory analytical data for all migration pathways revealed the ground water pathway to be the pathway of primary concern. Analysis of ground water samples collected on site indicate the presence of contaminants which are attributable to operations at the facility. However, due to the lack of actual contamination of ground water targets in the vicinity, this pathway does not pose an immediate human health threat. A total of 5 drinking water wells were sampled by the EPA TAT-Team and Caldwell County Health Department showing no elevated levels of contaminants. No intakes are present along the surface water pathway. A disposition of NFRAP has been assigned.

Report Reviewed and Approved by: Cynthia K. Gurley Signature: Cynthia K. Gurley Date: 07/08/94

Site Decision Made by: Cynthia K. Gurley Signature: Cynthia K. Gurley Date: 07/08/94

EPA Form # 9100-3

Pat, FYI Doug

5-24-93 Doug, This is how you & I discussed handling this - RHP

DIVISION OF SOLID WASTE MANAGEMENT
ASHEVILLE REGIONAL OFFICE
HAZARDOUS WASTE SECTION

May 20, 1993

MAY 1993
Received
Hazardous Waste
Section

MEMORANDUM

TO: Jack Ward, Manager
Planning & Environmental Branch
N. C. Department of Transportation
Raleigh Central Office

FROM: Roberta Pursell, Waste Management Specialist RHP
Hazardous Waste Section
Asheville Regional Office

THROUGH: Keith Masters, Western Area Supervisor
Hazardous Waste Section
Asheville Regional Office

SUBJECT: Department of Transportation Project TIP Number U-2309

This road construction project passes between two areas that have recently undergone extensive environmental audits that revealed extensive environmental contamination. These properties are: Thomasville Furniture, and AKZO Coatings (formerly Reliance Universal). The audit for AKZO Coatings revealed soil contamination in the area where road construction will occur. I am requesting that this area of the project be re-evaluated for the safety of DOT personnel. Copies of the environmental audits are available at the N. C. Superfund Office in Raleigh (Pat Derosa, Supervisor) or at my office in the Asheville Regional Office.

If you have any questions or problems, please contact me at (704) 251-6208.

RHP/gc

cc: Doug Holyfield
Jerry Rhodes
Barney Quinn

Thomasville

January 27, 1994

Doug Rumford
North Carolina DEHNR
Division of Solid Waste Management
P.O. Box 27687
Raleigh, NC 27611-7687

RECEIVED
JAN 3 1 1994
SUPERFUND SECTION

Re: Thomasville Furniture Industries, Inc.
Lenoir Plant
USEPA I.D. No. NCD 054 290 770

Dear Mr. Rumford:

The following is in response to your letter requesting further information about the Lenoir Plant. If you have any questions about this information please let me know.

Question 1: The plant historically has generated general trash, glue waste and finishing room waste.

Question 2: The type of waste has remained similar. However, the quantity has increased with plant size and production level.

Question 3: From 1969 through 1983 we have no actual knowledge of waste disposal practices. However, it appears that materials were disposed of by a combination of offsite landfills and onsite incineration. While no records indicate onsite disposal, it would appear that materials were placed in onsite trenches during the mid to late 1970s.

Question 4: The incinerator operated from 1979 through 1983. It appears to have burned solid wastes from finishing room cleanup operations and some liquid finishing wastes. The boiler burned non-hazardous solid waste from 1979 through 1983. During the period of 1983 through 1991 solid finishing waste was burned in accordance with our permit. We did not burn any waste material in the boiler from August, 1991 through August, 1992. From August, 1992 until the present we burned non-hazardous finishing wastes in the boiler.

Question 5: No records indicate the exact period that lumber treating was conducted, the time period appears to have been from 1971 to 1975.

Question 6: The buried drum originally found in the parking lot area was discovered during a voluntary investigation of the site by a qualified consultant retained by Thomasville. Please refer to the initial report submitted at the time barrel was discovered.

Question 7: Both the exact time period and reason for on-site disposal is unknown at this time.

Question 8: The size of the area to be excavated was determined by the consultant retained by Thomasville to conduct this investigation. Methods of determining the area to be excavated are more fully described in reports previosly submitted to the Superfund Section.

Question 9: Further excavation in Area B would have undermined the building. Further information concerning this area can be found in a report that has just been submitted to the Superfund Section.

Question 10: Laboratory analytical data for the excavated soil and liquid contents of the excavated drums are included in a report just submitted to the Superfund Section.

Question 11: Shipping manifests are included in a report just submitted to the Superfund Section.

I hope these responses will help you finish your report on our site. If I can be of any further help please call me at (910) 476-2108.

Sincerely,

David R. Masters

David R. Masters, General Manager
Personnel, Safety & Environmental Affairs

cc: Tom Gibson

WOMBLE CARLYLE SANDRIDGE & RICE
1600 SOUTHERN NATIONAL FINANCIAL CENTER
200 WEST SECOND STREET
WINSTON-SALEM, NORTH CAROLINA 27101

MAILING ADDRESS
POST OFFICE DRAWER 84
WINSTON-SALEM, NORTH CAROLINA 27102
TELEPHONE (910) 721-3600
FACSIMILE (910) 721-3660
TELEX 806498

OTHER OFFICES:
ATLANTA, GA
CHARLOTTE, NC
RALEIGH, NC

MARTIN L. HOLTON, III
(910) 721-3555

January 27, 1994

Mr. G. Doug Rumford
Hydrogeologist
Superfund Section
Division of Waste Management
NC Department of Environment, Health
& Natural Resources
Post Office Box 27687
Raleigh, North Carolina 27611-7687

Re: Thomasville Furniture Industries, Inc. – Lenoir Facility
USEPA ID No. NCD054290770
NC Superfund ID No. SIS140100527

Dear Doug:

We believe that Bruce Braswell of ENSCI previously sent to you the bulk of the data from the excavation and removal activities at the above-referenced site. We enclose for your file a copy of the final excavation and removal summary report (along with all accompanying figures, tables and appendices).

Please call if you have any questions.

Sincerely yours,

Mark Holton

Martin L. Holton, III

MLH:ma
Enclosures

cc: Mr. Dave Masters (w/o enclosures)
Mr. Bruce Braswell (w/o enclosures)

Memorandum

To: File

From: G. Doug Rumford GDR

Date: 5/17/93

Subject: Thomasville Furniture Ind. NCD 054 290 770
Lenoir, Caldwell County, NC
Telephone Conversations with Millie Buchanan and Mike Lane

Millie Buchanan of the NC Clean Water Fund (NCCWF), Asheville office, was contacted on this day at 704-251-0518. Ms. Buchanan told me that the NCCWF has not sampled any private wells in Lenoir. She also said that if any wells were sampled, the Caldwell County Health Department (CCHD) would have done the sampling. Ms. Buchanan suggested that I call Mike Lane of the CCHD.

Mr. Mike Lane of the CCHD was then contacted at 704-757-1353 and asked about private well sampling in the area of Thomasville Furniture/Reliance Universal in Lenoir. Mr. Lane told me that in the Spring of 1992, 3 residential wells in that area were sampled by CCHD. According to Mr. Lane, laboratory analytical data indicated that all samples were free of chemical contaminants.

Thomasville

RECEIVED
MAY 12 1993
SUPERFUND SECTION

May 10, 1993

Mrs. Pat DeRosa
N.C. DEHNR
Division of Solid Waste Management
Post Office Box 27687
Raleigh, N.C. 27611-76876

Dear Mrs. DeRosa:

Subject: UST Removals at the Lenoir Plant

Here is the information that you have requested concerning underground storage removals at the Lenoir Plant. Let me know if you need further assistance. I can be reached at (919) 476-2264.

Sincerely,

Rochelle I. Chisom

Rochelle I. Chisom, Manager
Environmental Affairs

cc: Dave Masters
Tom Gibson

Site Name: Thomasville Furniture Ind.
Site Number: NCD 054 290 770

Site Location: Lenoir, N.C.
Caldwell County
Latitude: 35 55 58.5
Longitude: 81 32 32.0

Date: May 03, 1993

Calculation Results

Distance from Site Location	Population Per Ring	Population Cumulative	Number of Households Per Ring	Number of Households Cumulative
0 to 1/4 mile	416	416	162	162
>1/4 to 1/2 mile	869	1,285	339	501
>1/2 to 1 mile	3,054	4,339	1,382	1,883
>1 to 2 miles	6,509	10,848	2,682	4,565
>2 to 3 miles	4,317	15,165	1,746	6,311
>3 to 4 miles	5,860	21,025	2,416	8,727

Note: The populations and number of households within specified target distance rings were calculated for the NC Superfund Section by the NC State Center for Geographic Information and Analysis using the 1990 US Census data. These values were calculated by summing the population and the number of households data for each census block located within each target ring. For census blocks lying only partially within the ring, the per cent area of the block within the ring was multiplied by the population and household densities of the block.

LATITUDE AND LONGITUDE CALCULATION WORKSHEET #2
LI USING ENGINEER'S SCALE (1/60)

SITE NAME: Thomasville Furniture Ind. CERCLIS #: NCD 054-290-770

AKA: _____ SSID: _____

ADDRESS: 315 Elizabeth ST., NW

CITY: Lenoir STATE: NC ZIP CODE: 28645

SITE REFERENCE POINT: Dip Tank Location at Wood Stacker Bldg.

USGS QUAD MAP NAME: Lenoir, NC TOWNSHIP: ____ N/S RANGE: ____ E/W

SCALE: 1:24,000 MAP DATE: 1956 SECTION: ____1/4 ____1/4 ____1/4

MAP DATUM: (1927) 1983 (CIRCLE ONE) MERIDIAN: _____

COORDINATES FROM LOWER RIGHT (SOUTHEAST) CORNER OF 7.5' MAP (attach photocopy):

LONGITUDE: 81° 30' 00" LATITUDE: 35° 52' 30"

COORDINATES FROM LOWER RIGHT (SOUTHEAST) CORNER OF 2.5' GRID CELL:

LONGITUDE: 81° 30' 00" LATITUDE: 35° 55' 00"

CALCULATIONS: LATITUDE (7.5' QUADRANGLE MAP)

A) NUMBER OF RULER GRADUATIONS FROM LATITUDE GRID LINE TO SITE REF POINT: 146

B) MULTIPLY (A) BY 0.3304 TO CONVERT TO SECONDS:

A x 0.3304 = 48.2"

C) EXPRESS IN MINUTES AND SECONDS (1'= 60"): 0' 48.2"

D) ADD TO STARTING LATITUDE: 35° 55' 0.0" + 0' 48.2 =

SITE LATITUDE: 35° 55' 48.0"

CALCULATIONS: LONGITUDE (7.5' QUADRANGLE MAP)

A) NUMBER OF RULER GRADUATIONS FROM RIGHT LONGITUDE LINE TO SITE REF POINT: 434

B) MULTIPLY (A) BY 0.3304 TO CONVERT TO SECONDS:

A x 0.3304 = 143.4"

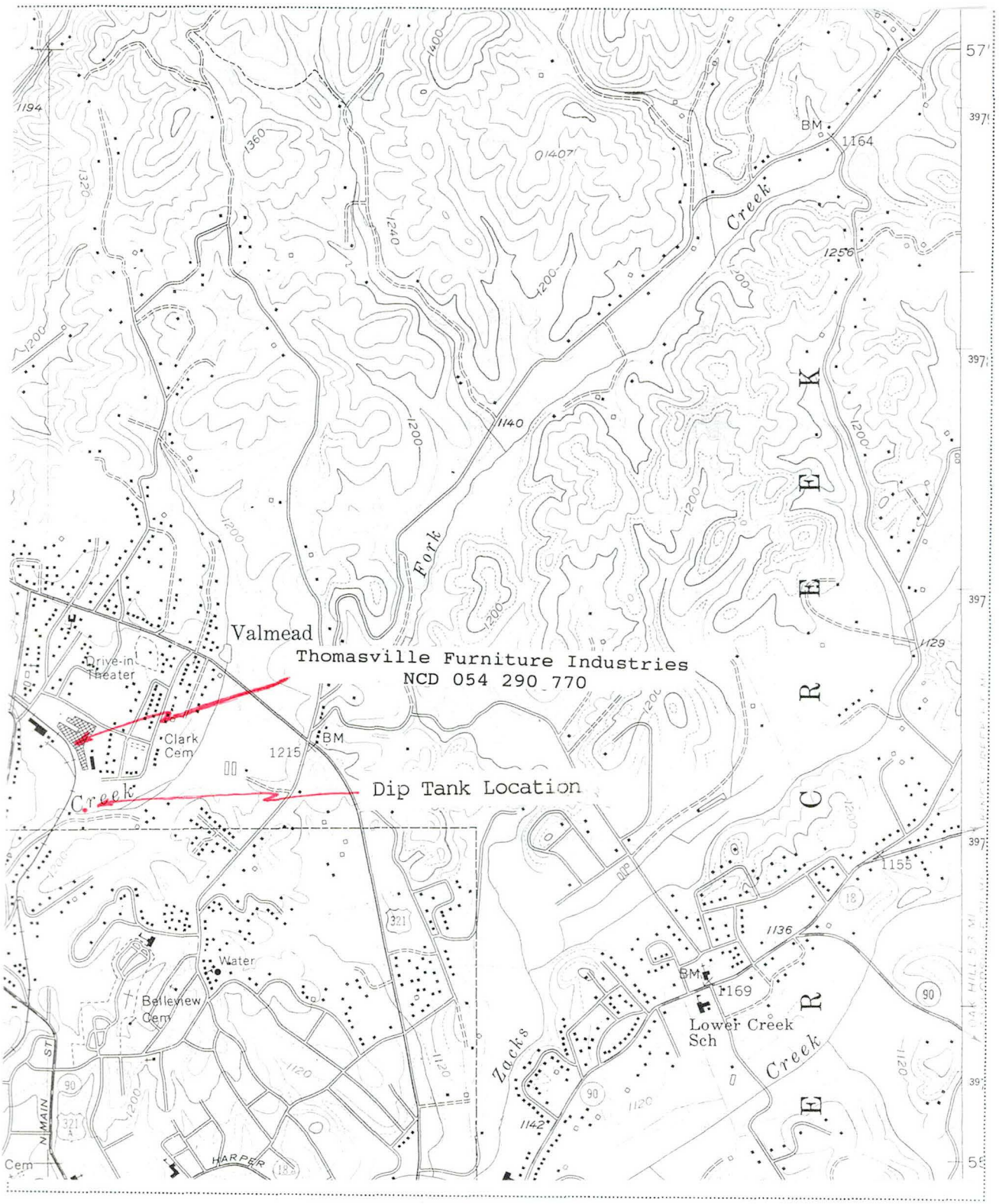
C) EXPRESS IN MINUTES AND SECONDS (1'= 60"): 2' 23.4"

D) ADD TO STARTING LONGITUDE: 81° 30' 0.0" + 2' 23.4 =

SITE LONGITUDE: 81° 32' 23.0"

INVESTIGATOR: G. Doug Rumford DATE: 4/30/93

SITE NAME: Thomasville Furniture Industries NUMBER: NCD 054 290 770



TOPOGRAPHIC MAP QUADRANGLE NAME: Lenoir, NC SCALE: 1:24,000

COORDINATES OF LOWER RIGHT-HAND CORNER OF 2.5-MINUTE GRID:

LATITUDE: 35 ° 55 ' 00 " LONGITUDE: 81 ° 30 ' 00 "

LATITUDE AND LONGITUDE CALCULATION WORKSHEET #2
LI USING ENGINEER'S SCALE (1/60)

SITE NAME: Thomasville Furniture Industries CERCLIS #: NCD 054 290 770

AKA: _____ SSID: _____

ADDRESS: 315 Elizabeth St., NW

CITY: Lenoir STATE: NC ZIP CODE: 28645

SITE REFERENCE POINT: Southwest Corner of Old Cotton Mill Bldg. near Parking lot

USGS QUAD MAP NAME: Lenoir, NC TOWNSHIP: ____ N/S RANGE: ____ E/W

SCALE: 1:24,000 MAP DATE: 1956 SECTION: ____ 1/4 ____ 1/4 ____ 1/4

MAP DATUM: (1927) 1983 (CIRCLE ONE) MERIDIAN: _____

COORDINATES FROM LOWER RIGHT (SOUTHEAST) CORNER OF 7.5' MAP (attach photocopy):

LONGITUDE: 81 ° 30 ' 00 " LATITUDE: 35 ° 52 ' 30 "

COORDINATES FROM LOWER RIGHT (SOUTHEAST) CORNER OF 2.5' GRID CELL:

LONGITUDE: 81 ° 32 ' 30 " LATITUDE: 35 ° 55 ' 00 "

CALCULATIONS: LATITUDE (7.5' QUADRANGLE MAP)

A) NUMBER OF RULER GRADUATIONS FROM LATITUDE GRID LINE TO SITE REF POINT: 177

B) MULTIPLY (A) BY 0.3304 TO CONVERT TO SECONDS:

A x 0.3304 = 58 . 48 "

C) EXPRESS IN MINUTES AND SECONDS (1'= 60"): 0 ' 58 . 48 "

D) ADD TO STARTING LATITUDE: 35 ° 55 ' 0 . 0 " + ____ ' 58 . 5 =

SITE LATITUDE: 35 ° 55 ' 58 . 5 "

CALCULATIONS: LONGITUDE (7.5' QUADRANGLE MAP)

A) NUMBER OF RULER GRADUATIONS FROM RIGHT LONGITUDE LINE TO SITE REF POINT: 7

B) MULTIPLY (A) BY 0.3304 TO CONVERT TO SECONDS:

A x 0.3304 = 2 . 3 "

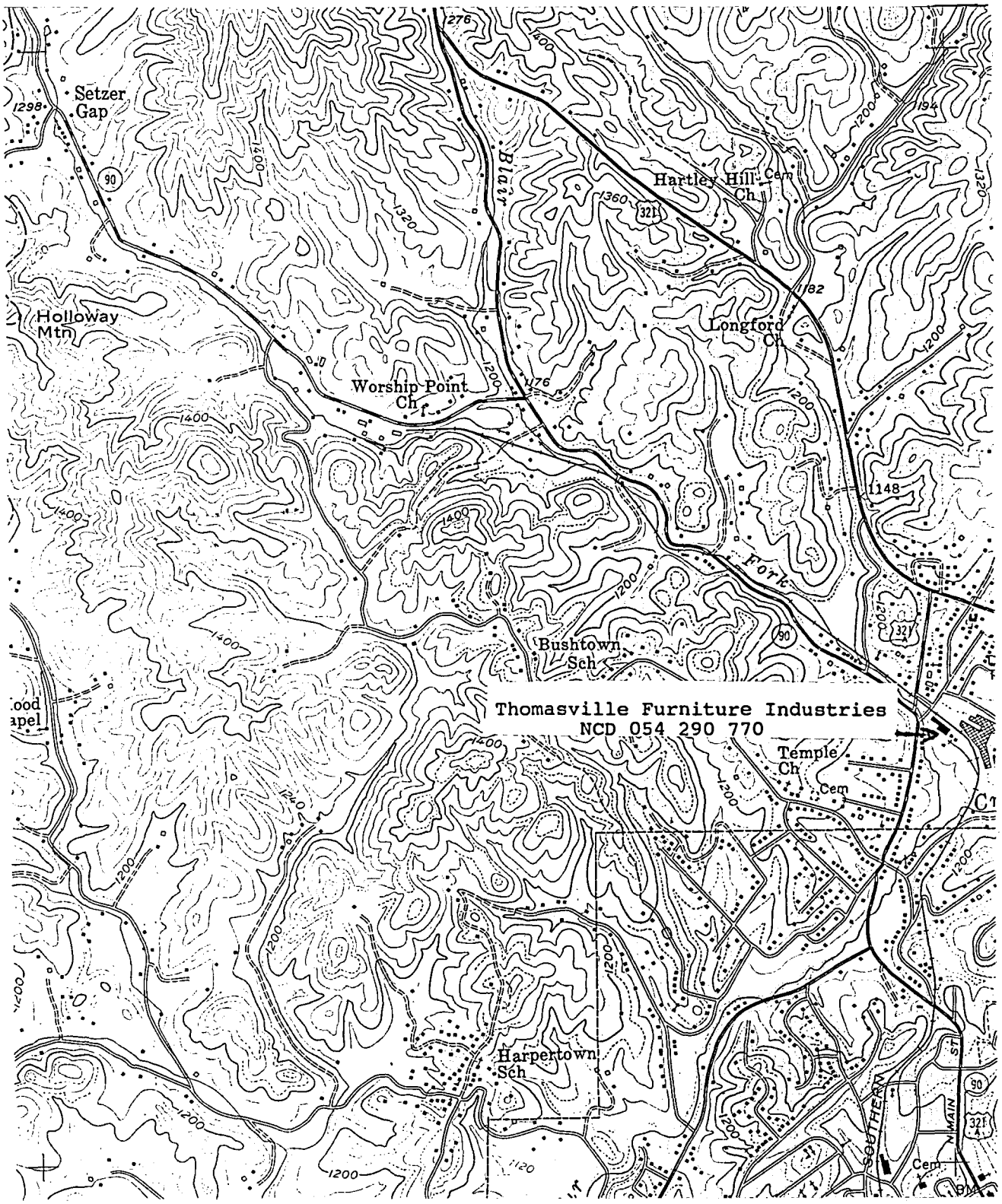
C) EXPRESS IN MINUTES AND SECONDS (1'= 60"): 0 ' 2 . 3 "

D) ADD TO STARTING LONGITUDE: 81 ° 32 ' 30 . 0 " + ____ ' 2 . 0 =

SITE LONGITUDE: 81 ° 32 ' 32 . 0 "

INVESTIGATOR: G. Doug Rumford DATE: 4/13/93

SITE NAME: Thomsville Furniture Industries NUMBER: NCD 054 290 770



TOPOGRAPHIC MAP QUADRANGLE NAME: Lenoir, NC SCALE: 1:24,000

COORDINATES OF LOWER RIGHT-HAND CORNER OF 2.5-MINUTE GRID:

LATITUDE: 35 ° 55' 00" LONGITUDE: 81 ° 32' 30"

Memorandum

To: File

From: G. Doug Rumford GDR

Date: April 30, 1993

Subject: Thomasville Furniture Industries NCD 054 290 770
Lenoir, Caldwell County, NC
Population and Groundwater Population witin 4 miles of the site.

The groundwater population living within four miles of the site was determined by combining the data obtained from the NC State Center for Geographic Information and Analysis and a house count of the area within each distance ring using topographical maps. The CGIA data was based on 1990 Census data while the house count was based on a windshield survey and on maps published in 1990. Municipal water supply system boundaries were identified and those houses not included within these boundaries were counted as groundwater users.

Houses

Distance(mi)	CGIA	G.W. Houses*
0 - 1/4	162	31
1/4 - 1/2	339	145
1/2 - 1	1382	122
1 - 2	2682	407
2 - 3	1746	542
3 - 4	2416	709
	8727	1956

* Topographic Map House Count

People (Based on 2.57 persons/household, Caldwell County, NC)

Distance(mi)	CGIA	G.W.Pop.*	Comm. Wells
0 - 1/4	416	104	0
1/4 - 1/2	869	485	0
1/2 - 1	3054	408	0
1 - 2	6509	1360	255
2 - 3	4317	1811	592
3 - 4	5860	2369	0
	21025	6537	847

* From Topographic Map House Count Data Assuming 30% Population Increase From 1960 Census to 1990 Census.

Memorandum

To: File

From: G. Doug Rumford GDR

Date: 4/12/93

Subject: Flow Rates 15-mile Surface Water Pathway
Thomasville Furniture Industries Site, NCD 054 290 770
Lenoir, Caldwell County, NC

Mean annual flow rates were estimated for Blair Fork Creek, Lower Creek and the Catawba River using the methodology outlined in USGS WRI Report 88-4094, based on drainage areas reported in USGS Open-File Report 83-211. Mean annual runoff for watersheds along the streams in question is approximately 18 inches per year.

- Blair Fork Cr. .6 mi. above Spainhour Cr. near Valmead: drainage area of 5.64 square miles multiplied by 18 in/yr divided by conversion factor of 13.58 equals 8 cubic feet per second;

- Spainhour Cr. at NC 18 near Lenoir: dr. area 8.89 sq. mi. x 18 in/yr divided by 13.58 = 12 cfs;

- Lower Creek at Gamewell: dr. area 63.8 sq. miles x 18 in/yr divided by 13.58 = 85 cfs;

- Lower Creek above Bristol Creek near Chesterfield: dr. area 91.5 sq. mi. x 18 in/yr divided by 13.58 = 121 cfs;

- Catawba River above Smokey Cr. Near Drexel: dr. area 1024 sq. mi. x 18 in/yr divided by 13.58 = 1357.

WOMBLE CARLYLE SANDRIDGE & RICE
1600 ONE TRIAD PARK
AND
2400 WACHOVIA BUILDING
WINSTON-SALEM, NORTH CAROLINA 27101

CHARLOTTE OFFICE
3300 ONE FIRST UNION CENTER
301 SOUTH COLLEGE STREET
CHARLOTTE, NORTH CAROLINA 28202-6025
TELEPHONE (704) 331-4900
TELECOPY (704) 331-4955

MAILING ADDRESS
POST OFFICE DRAWER 84
WINSTON-SALEM, NORTH CAROLINA 27102
TELEPHONE (919) 721-3600
OTP TELECOPY (919) 721-3660
WACHOVIA TELECOPY (919) 721-3599
TELEX 806498

RALEIGH OFFICE
800 WACHOVIA BUILDING
POST OFFICE BOX 831
RALEIGH, NORTH CAROLINA 27602
TELEPHONE (919) 755-2100
TELECOPY (919) 755-2150

R. HOWARD GRUBBS
(919) 721-3537

RECEIVED
MAR 30 1993
SUPERFUND SECTION

March 26, 1993

Mr. Doug Rumsford
Inactive Hazardous Sites Branch
Superfund Section
P. O. Box 27687
Raleigh, North Carolina 27611-7687

Re: Thomasville Furniture Industries, Inc./Lenoir Facility NCD054290770

Dear Mr. Rumsford:

This letter follows up on your inquiry to my partner, Mark Holton, on March 3, 1993, wherein you asked if Thomasville (TFI) would provide an ownership history of the Site in addition to providing information on the prior cleanup of pentachlorophenol (PCP) contaminated soil at the facility.

Caldwell Furniture, Inc. owned the facility from 1905 through 1968, and Thomasville Furniture has owned the plant from that time forward. With regard to the prior PCP contamination, TFI investigated the contents of an unused dip tank which had been out of service for approximately fifteen years. Approximately 3,700 gallons of liquid in the dip tank and soil adjacent to the dip tank were shown to contain PCP. Once the liquid and soil were characterized as containing PCP, TFI investigated disposal options. The liquid in the dip vat was sold except for the unusable portions which were put into five 55-gallon drums. The soil was excavated on December 20, 1990, and further excavation was done on March 6 and June 7 of 1991. The excavated soil was then placed in roll-offs. All of the drums and roll-offs were removed from the facility on the 1st, 2nd, and 5th of August, 1991, and copies of manifests were submitted to the State on August 16, 1991. The North Carolina Division of Solid Waste Management, Hazardous Waste Section, issued two Notices of Violations (NOVs) to TFI for the incident, and TFI worked under state deadlines and extensions of time in order to get the facility in compliance. This facility is currently considered "clean closed" and thus is not subject to permitting requirements or interim status.

Should you desire any further information regarding this matter, please feel free to give me a call.

Very truly yours,

R. Howard Grubbs

RHG:mfe
cc: Mr. David R. Masters
David D. Wilson, Esquire

Memorandum

To: File

From: G. Doug Rumford GDR

Date: 3/09/93

Subject: Review of Community and Non-community Well Supplies
Thomasville Furniture Industries Site, NCD 054 290 770
Lenoir, Caldwell County, NC

On this date, a review of the North Carolina Public Water Supply Systems data base was conducted. Geographic coordinates of an area surrounding the 4-mile target distance limit were submitted to Martha Moore of the Division of Environmental Health - Public Water Supply Section. Ms. Moore provided a print out of the community and non-community supply wells located within the target area. Seven community wells and fifteen non-community wells were identified by their coordinates as being within the 4-mile target distance. There are no publicly owned groundwater supply wells located within a 4-mile area radius of the site.

Mr. Reginald Bryant, Director of the Caldwell County Water Department was contacted on this date at (704) 757-1328 and asked to provide information concerning the county's water distribution system. He told me that the county purchases its water from the City of Lenoir. The county does not have or operate any groundwater production wells or any surface water intakes. The N.C. Public Water Supply inventory incorrectly lists supply identification numbers 114047 & 114048 as wells, these are actually tank pump stations according to Mr. Bryant.

A copy of the data base print out is included as an attachment to this memo.

Attachment.

PWSTRID STATE N.C. PUBLIC WATER SUPPLY SYSTEM 03/08/93
ACTIVE SYSTEMS
GRID LATITUDE: 355230 / 355900, LONGITUDE: 0812900 / 0813700

PWS ID	SYSTEM NAME	TYPE	POPULATION	REG.PERSON WORK PHONE	SOURCE NAME	SOURCE TYPE	SOURCE AVAIL.	LATITUDE	LONGITUDE	
114047	CALDWELL CO. WATER SYS. S.E.	C	4500	7047588451	WELL	P	P	355821	813042	3-4 mile N
114048	CALDWELL CO. WATER SYS. NORTH	C	120	7047580451	LENOIR, CITY OF	P	P	355600	813500	
2-3 114145	WALSH MOBILE HOME PARK	N+C	40		WELLS	G	P	355418	813500	3-4 mile SW
	WALSH MOBILE HOME PARK				WELLS	G	P	355418	813500	
1-2 114161	INDIAN GRAVE MHP	C	80		WELL	G	P	355710	813330	1-2 mile NW
114401	B & F MOBILE HOME PARK	C	90	7047585018	WELL SUPPLY	G	P	355650	813145	1-2 mile N
	B & F MOBILE HOME PARK			7047585018	WELL SUPPLY	G	P	355650	813145	
	B & F MOBILE HOME PARK			7047585018	WELL SUPPLY	G	P	355650	813145	
1-2 114412	HOWARD'S MHP	C	85	7047588227	WELL SUPPLY	G	P	355725	813210	1-2 [illegible] N
	HOWARD'S MHP			7047588227	WELL SUPPLY	G	P	355725	813210	
2-3 114434	TEETER MHP	C	52	7047543827	WELL SUPPLY	G	P	355659	813015	2-3 [illegible] NE
114439	IVA'S COUNTRY MUSIC & 321LOUNG	N	200	7047548915	WELL	G	P	355622	813240	1/2-1 mile NW
114442	STORIES SUPERETTE	N	50	7047581173	WELL	G	P	355900	813400	3-4 mile NW
114447	OUTPOST FISH CAMP	N	160	7043961046	WELL	G	P	355322	813002	3-4 mile SW
114448	SEAFOOD HARBOR	N	70	7047543297	WELL	G	P	355730	813425	2-3 mile SW
	SEAFOOD HARBOR			7047543297	WELL	G	P	355730	813425	
2-3 114459	GREEN MOUNTAIN PARK	C	500	7047587766	WELL #1	G	P	355729	813110	2-3 mile NE
	GREEN MOUNTAIN PARK			7047587766	WELL #2	G	P	355729	813108	
114462	GREER LABS	P	30	7047580031	WELL	G	P	355601	812901	3-4 E
~~114475~~	~~MT HERMAN METH CHURCH~~	~~N~~	~~80~~	~~7047285556~~	~~WELL~~	~~G~~	~~P~~	~~355250~~	~~812900~~	
~~114481~~	~~MT OLIVET METH CHURCH~~	~~N~~	~~40~~		~~WELL~~	~~G~~	~~P~~	~~355645~~	~~813645~~	
	~~MT OLIVET METH CHURCH~~				~~WELL~~	~~G~~	~~P~~	~~355645~~	~~813645~~	
114482	MT VIEW BAPT CHURCH	N	60	7047581572	WELL	G	P	355720	813540	3-4 mile W
114485	HIBRITEN BAPTIST CHURCH	N	150	7047286588	WELL	G	P	355325	813008	3-4 mile SE
~~114484~~	~~CLEARVIEW BAPT CHURCH~~	~~N~~	~~110~~	~~7047283540~~	~~WELL~~	~~G~~	~~P~~	~~355330~~	~~812920~~	
114491	ZACKS FORK BAPT CH	N	60	7047585963	WELL	G	P	355720	813020	2-3 mile NE
114493	SETZERS CREEK BAPT CHURCH	N	100	7047585819	WELL	G	P	355833	813420	3-4 mile NW
114495	PISGAH CHURCH	N	80	7047544972	WELL	G	P	355430	813505	2-3 mile W
114504	CRESTVIEW BAPT CHRUCH	N	200	7047581960	WELL	G	P	355645	813245	1/2-1 mile N
114510	CEDAR ROCK BAPT CHRUCH	N	45	7047547750	WELL	G	P	355633	812900	3-4 mile E
~~114523~~	~~BEEFBROOK GOLF COURSE~~	~~N~~	~~60~~	~~7047582272~~	~~WELL~~	~~G~~	~~P~~	~~355253~~	~~813645~~	
114525	LENOIR MOOSE LODGE #385	N	300	7047584817	WELL	G	P	355450	812935	3-4 mile SE
~~114535~~	~~ANDERSON TRUCK LINES~~	~~P~~	~~45~~	~~7047289249~~	~~WELL~~	~~G~~	~~P~~	~~355300~~	~~812900~~	
114540	WOODBURY LUMBER CO	N	25	7047543468	WELL	G	P	355730	813420	2-3 mile NW
~~114545~~	~~ELLER WOOD TURNING INC~~	~~P~~	~~45~~	~~7047284316~~	~~WELL~~	~~G~~	~~P~~	~~355255~~	~~812950~~	
~~114560~~	~~CEDAR VALLEY METH CHURCH~~	~~N~~	~~30~~	~~7047545860~~	~~SPRING~~	~~G~~	~~P~~	~~355321~~	~~813540~~	
114566	NORTHSIDE BAPT CHURCH	N	35	7047283594	WELL	G	P	355800	813150	2-3 mile N
114567	WORSHIP POINT BAPT CHURCH	N	75	7047286776	WELL	G	P	355445	813540	3-4 mile SW

Memorandum

To: File

From: G. Doug Rumford GDR

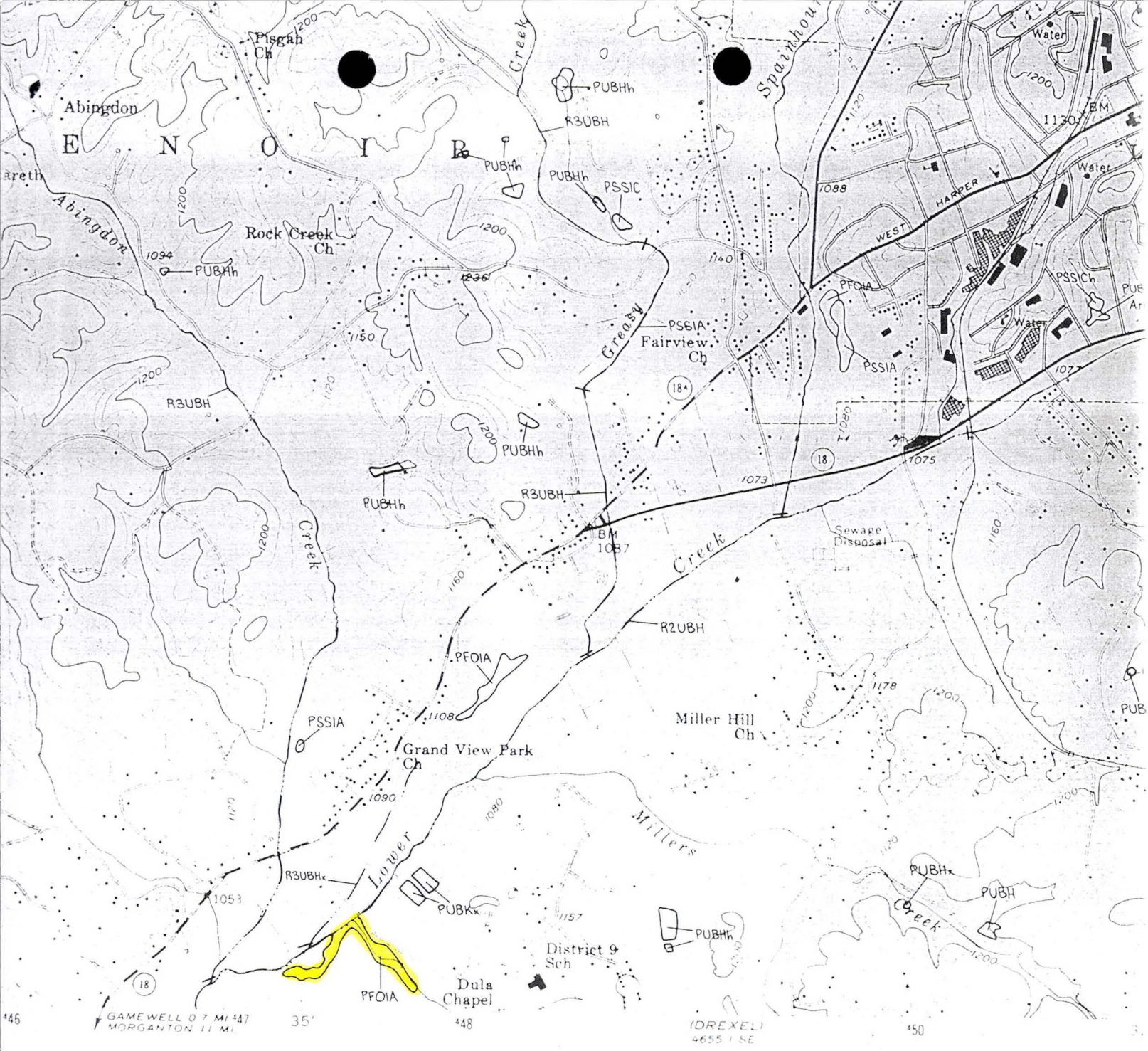
Date: 3/9/93

Subject: Thomasville Furniture Industries (TFI) Site
NCD 054 290 770
Lenoir, Caldwell County, NC
Sensitive Environments

A review of the topographic quadrangle maps maintained by the N.C. Natural Heritage Program (NHP) shows that there are no sensitive environments within the 4-mile radius of the TFI site. However, there is one plant species of special concern, with known occurrences in Caldwell County. The "Sticky Bog Asphodel" (Tofieldia glutinosa) has been found along Lower Creek, approximately 5 downstream miles south of the TFI site and at a location near route 321, approximately 2.5 miles southeast of the site. The sticky bog asphodel has been identified as a candidate for listing as an endangerd or threatened species by the State of North Carolina.

The USDOI Fish and Wildlife Service wetlands maps maintained by the NC Superfund Section were also reviewed. The only quadrangle in the study area that has had a wetlands study was the Lenoir, NC quad. One wetland was identified along the 15-mile surface water pathway. A 12.8 acre wetland with .10 mile of frontage is located on Lower Creek, approx. 4.75 miles downstream of the site.

Attachment.



DRAFT

1 MILE

0 FEET

ER

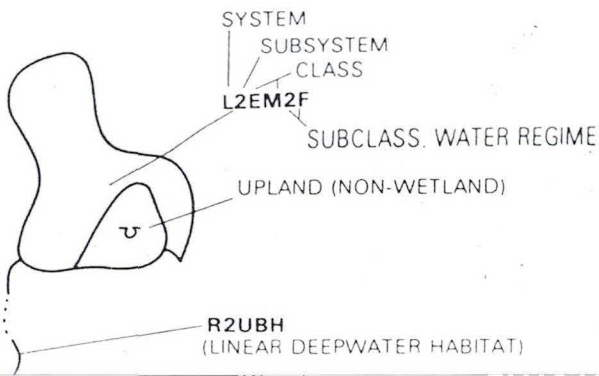
40 acres

SPECIAL NOTE

This document was prepared primarily by stereoscopic analysis of high altitude aerial photographs. Wetlands were identified on the photographs based on vegetation, visible hydrology, and geography in accordance with **Classification of Wetlands and Deepwater Habitats of the United States** (FWS/OBS - 79/31 December 1979). The aerial photographs typically reflect conditions during the specific year and season when they were taken. In addition, there is a margin of error inherent in the use of the aerial photographs. Thus, a detailed on the ground and historical analysis of a single site may result in a revision of the wetland boundaries established through photographic interpretation. In addition, some small wetlands and those obscured by dense forest cover may not be included on this document.

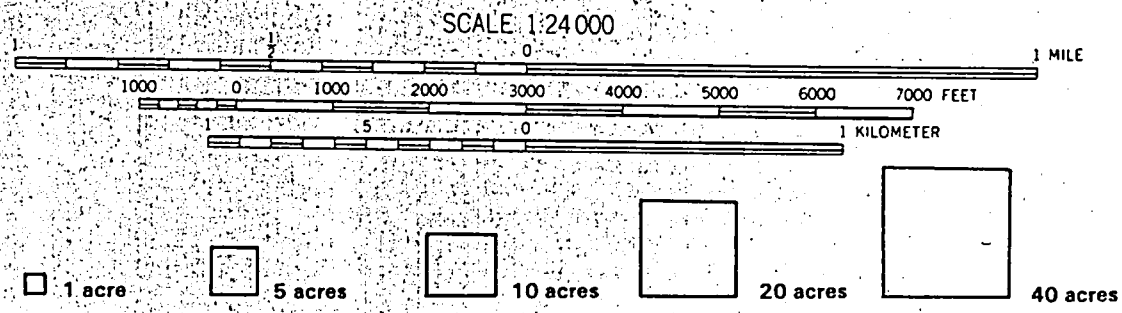
Federal, State and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is

SYMBOLOGY EXAMPLE



CHARLOTTE NW

HICKORY



ACREAGE GUIDE

For information on availability of NWI maps, call 1-800-USA-MAPS.

1:100,000 NAME: CHARLOTTE NW	TOPO NAME: HICKORY, N.C. LENOIR, N.C.

TECHNICAL RESPONSIBILITY

TASK	NAME	DATE
ZTS Transfer / Lettering	V. Sok	5/13/93
ZTS QC	G. REEVES	5-28-93
MAP PI QC	C. Orlando	6-1-93
ZTS CORRECTION	V. Sok	6-2-93
CORRECTION CHECK	C. GLEASON	6-9-93
F.W.S. ACCEPT	K. Thompson	6-18-93

SPECIAL NOTE

This document was prepared primarily by stereoscopic analysis of high altitude aerial photographs. Wetlands were identified on the photographs based on vegetation, visible hydrology, and geography in accordance with **Classification of Wetlands and Deepwater Habitats of the United States** (FWS/OBS - 79/31 December 1979). The aerial photographs typically reflect conditions during the specified year and season when they were taken. In addition, there is a margin of error inherent in the use of the aerial photographs. Thus, a detailed on the ground and historical analysis of a single site may result in a revision of the wetland boundaries established through photographic interpretation. In addition, some small wetlands and those obscured by dense forest cover may not be included on this document.

Federal, State and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, State or local government or to establish the geographical scope of the regulatory programs of government agencies. **Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, State or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.**

SYSTEM — M — MARINE

SUBSYSTEM — 1 — SUBTIDAL; 2 — INTERTIDAL

CLASS	Subclass
RB — ROCK BOTTOM	1 Bedrock 2 Rubble
UB — UNCONSOLIDATED BOTTOM	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic
AB — AQUATIC BED	1 Algal 3 Rooted Vascular 5 *Unknown Submergent*
RF — REEF	1 Coral 3 Worm
OW — *OPEN WATER/ Unknown Bottom*	
AB — AQUATIC BED	1 Algal 3 Rooted Vascular 5 *Unknown Submergent*
RF — REEF	1 Coral 3 Worm
RS — ROCKY SHORE	1 Bedrock 2 Rubble
US — UNCONSOLIDATED SHORE	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic
RB — ROCK BOTTOM	1 Bedrock 2 Rubble
UB — UNCO BOTT	1 Cobble-Gra 2 Sand 3 Mud 4 Organic

SYSTEM — R — RIVERINE

SUBSYSTEM — 1 — TIDAL; 2 — LOWER PERENNIAL; 3 — UPPER PERENNIAL; 4 — INTERMITTENT; 5 — *UNKNOWN PERENNIAL*

WOMBLE CARLYLE SANDRIDGE & RICE
1600 ONE TRIAD PARK
AND
2400 WACHOVIA BUILDING
WINSTON-SALEM, NORTH CAROLINA 27101

MAILING ADDRESS
POST OFFICE DRAWER 84
WINSTON-SALEM, NORTH CAROLINA 27102
TELEPHONE (919) 721-3600
OTP TELECOPY (919) 721-3660
WACHOVIA TELECOPY (919) 721-3599
TELEX 806498

CHARLOTTE OFFICE
3300 ONE FIRST UNION CENTER
301 SOUTH COLLEGE STREET
CHARLOTTE, NORTH CAROLINA 28202-6025
TELEPHONE (704) 331-4900
TELECOPY (704) 331-4955

RALEIGH OFFICE
800 WACHOVIA BUILDING
POST OFFICE BOX 831
RALEIGH, NORTH CAROLINA 27602
TELEPHONE (919) 755-2100
TELECOPY (919) 755-2150
TELEX 806498

R. HOWARD GRUBBS
(919) 721-3537

RECEIVED
OCT 20 1992
SUPERFUND SECTION

October 19, 1992

Superfund Section
N.C. Department of Environment, Health
and Natural Resources
P. O. Box 27687
Raleigh, North Carolina 27611-7687

Re: Thomasville Furniture Industries, Inc.
USEPA I.D. No. NCD054290770
N.C. Superfund I.D. No. SIS140100527

Dear Sir or Madam:

On May 22, 1992, we sent you a Phase II report concerning Thomasville Furniture Industries, Inc.'s (TFI) investigation of soil and groundwater contamination at the above-referenced site. Based on the Phase II report, TFI undertook further investigation. We have now received a final Phase III report, a copy of which is enclosed for your file.

TFI is still continuing its investigation based on the reports previously generated and will keep you apprised of the progress and the results of the next phase of investigation.

By copy of this letter, I am providing a copy of this report to Keith Masters in the Mooresville regional office. Should anyone have any questions, or wish to arrange a visit to the site, please let me know.

Very truly yours,

R. Howard Grubbs

RHG:je
Enclosure

cc: Mr. Keith Masters (w/enc.)
Ms. Sherry Stookey (w/enc.)

WOMBLE CARLYLE SANDRIDGE & RICE
1600 ONE TRIAD PARK
AND
2400 WACHOVIA BUILDING
WINSTON-SALEM, NORTH CAROLINA 27101

CHARLOTTE OFFICE
3300 ONE FIRST UNION CENTER
301 SOUTH COLLEGE STREET
CHARLOTTE, NORTH CAROLINA 28202-6025
TELEPHONE (704) 331-4900
TELECOPY (704) 331-4955

MAILING ADDRESS
POST OFFICE DRAWER 84
WINSTON-SALEM, NORTH CAROLINA 27102
TELEPHONE (919) 721-3600
OTP TELECOPY (919) 721-3660
WACHOVIA TELECOPY (919) 721-3599
TELEX 806498

RALEIGH OFFICE
800 WACHOVIA BUILDING
POST OFFICE BOX 831
RALEIGH, NORTH CAROLINA 27602
TELEPHONE (919) 755-2100
TELECOPY (919) 755-2150

R. HOWARD GRUBBS
(919) 721-3537

RECEIVED
MAR 03 1993
SUPERFUND SECTION

RECEIVED
MAR 08 1993
NC DIVISION OF SOLID WASTE MANAGEMENT

March 5, 1993

Mr. Douglas Rumsford
North Carolina Department of Environment,
Health and Natural Resources
Division of Solid Waste Management
Superfund Section
401 Oberlin Road
Raleigh, North Carolina 27605

Re: Thomasville Furniture/Lenoir Facility

Dear Mr. Rumsford:

In accordance with our conversation of March 3, 1993, I am enclosing the Phase IV report with regard to Thomasville's Lenoir Facility. It is my understanding from another attorney in our section, Karen Carey, that the Phase III report forwarded to you in May of 1992 was missing several pages. We have included those missing pages for your file.

Lastly, it is my understanding you spoke with Mark Holton of our office and requested an ownership history of the site, a copy of a site plan, and information with regard to the disposition of soils containing pentachlorophenol at the site. We are unclear as to what you mean by the term "site plan" and would hope that this information is covered in the Phase IV report included with this letter. Should you require something additional, please feel free to give me a call. With regard to the other two items, we will be providing information to your attention in the very near future.

Very truly yours,

R. Howard Grubbs

RHG:mfe
Enclosures
cc: Mr. David Masters (w/encl.)
David D. Wilson, Esquire (w/encl.)
Mark L. Holton, III, Esquire (w/out encl.)

IEA LABORATORY RESULTS
TCLP SCREEN

IEA Project #: 471-165
Client Name: Trigon Engineering, Inc.

Sample #	Client ID	Parameter	Regulatory Level		Results		Date Analyzed
		TCLP METALS:					
2	B-1 (13.5-15.0)	Arsenic	5.0	mg/L	<0.025	mg/L	06/12/91
3	MW-1 (3.5-5.0)	Arsenic	5.0	mg/L	<0.025	mg/L	06/12/91
4	B-2 (3.5-5.0)	Arsenic	5.0	mg/L	<0.025	mg/L	06/12/91
2	B-1 (13.5-15.0)	Barium	100	mg/L	1.1	mg/L	06/05/91
3	MW-1 (3.5-5.0)	Barium	100	mg/L	1.2	mg/L	06/05/91
4	B-2 (3.5-5.0)	Barium	100	mg/L	1.6	mg/L	06/05/91
2	B-1 (13.5-15.0)	Cadmium	1.0	mg/L	<0.05	mg/L	06/05/91
3	MW-1 (3.5-5.0)	Cadmium	1.0	mg/L	<0.05	mg/L	06/05/91
4	B-2 (3.5-5.0)	Cadmium	1.0	mg/L	<0.05	mg/L	06/05/91
2	B-1 (13.5-15.0)	Chromium	5.0	mg/L	<0.15	mg/L	06/05/91
3	MW-1 (3.5-5.0)	Chromium	5.0	mg/L	<0.15	mg/L	06/05/91
4	B-2 (3.5-5.0)	Chromium	5.0	mg/L	<0.15	mg/L	06/05/91
2	B-1 (13.5-15.0)	Mercury	0.2	mg/L	<0.0025	mg/L	06/06/91
3	MW-1 (3.5-5.0)	Mercury	0.2	mg/L	<0.0025	mg/L	06/06/91
4	B-2 (3.5-5.0)	Mercury	0.2	mg/L	<0.0025	mg/L	06/06/91
2	B-1 (13.5-15.0)	Lead	5.0	mg/L	<0.025	mg/L	06/08/91
3	MW-1 (3.5-5.0)	Lead	5.0	mg/L	0.038	mg/L	06/08/91
4	B-2 (3.5-5.0)	Lead	5.0	mg/L	0.054	mg/L	06/08/91
2	B-1 (13.5-15.0)	Selenium	1.0	mg/L	<0.025	mg/L	06/10/91
3	MW-1 (3.5-5.0)	Selenium	1.0	mg/L	<0.025	mg/L	06/10/91
4	B-2 (3.5-5.0)	Selenium	1.0	mg/L	<0.025	mg/L	06/10/91
2	B-1 (13.5-15.0)	Silver	5.0	mg/L	<0.25	mg/L	06/05/91
3	MW-1 (3.5-5.0)	Silver	5.0	mg/L	<0.25	mg/L	06/05/91
4	B-2 (3.5-5.0)	Silver	5.0	mg/L	<0.25	mg/L	06/05/91

Comments:

*Please note that this report does not include matrix spike and corrected results as required in the TCLP Method (40 CFR, Part 261, Subpart C, Appendix I).

FORM TCLP-METLSCN Rev. 051591

PURGEABLE HALOCARBONS
EPA 601 COMPOUND LIST

IEA Sample Number: 471-165-9
Sample Identification: MW-1 Eq. Blk
Date Analyzed: 06/04/91 By: Averill

Number	Compound	Quantitation Limit (ug/L)	Results Concentration (ug/L)
1	Chloromethane	1.0	BQL
2	Bromomethane	1.0	BQL
3	Vinyl Chloride	1.0	BQL
4	Dichlorodifluoromethane	1.0	BQL
5	Chloroethane	1.0	BQL
6	Methylene chloride	1.0	BQL
7	Trichlorofluoromethane	1.0	BQL
8	1,1-Dichloroethene	1.0	BQL
9	1,1-Dichloroethane	1.0	BQL
10	1,2-Dichloroethene (total)	1.0	BQL
11	Chloroform	1.0	BQL
12	1,2-Dichloroethane	1.0	BQL
13	1,1,1-Trichloroethane	1.0	3
14	Carbon tetrachloride	1.0	BQL
15	Bromodichloromethane	1.0	BQL
16	1,2-Dichloropropane	1.0	BQL
17	cis-1,3-Dichloropropene	1.0	BQL
18	Trichloroethene	1.0	BQL
19	trans-1,3-Dichloropropene	1.0	BQL
20	1,1,2-Trichloroethane	1.0	BQL
21	Dibromochloromethane	1.0	BQL
22	2-Chloroethylvinyl ether	1.0	BQL
23	Bromoform	1.0	BQL
24	Tetrachloroethene	1.0	BQL
25	1,1,2,2-Tetrachloroethane	1.0	BQL
26	Chlorobenzene	1.0	BQL
27	1,3-Dichlorobenzene	1.0	BQL
28	1,2-Dichlorobenzene	1.0	BQL
29	1,4-Dichlorobenzene	1.0	BQL

Comments:

BQL = Below Quantitation Limit

FORM 601 Rev. 071390

PURGEABLE HALOCARBONS
EPA 601 COMPOUND LIST

IEA Sample Number: 471-165-10
Sample Identification: MW-1
Date Analyzed: 06/04/91 By: Averill

Number	Compound	Quantitation Limit (ug/L)	Results Concentration (ug/L)
1	Chloromethane	1.0	BQL
2	Bromomethane	1.0	BQL
3	Vinyl Chloride	1.0	BQL
4	Dichlorodifluoromethane	1.0	BQL
5	Chloroethane	1.0	BQL
6	Methylene chloride	1.0	BQL
7	Trichlorofluoromethane	1.0	BQL
8	1,1-Dichloroethene	1.0	BQL
9	1,1-Dichloroethane	1.0	BQL
10	1,2-Dichloroethene (total)	1.0	BQL
11	Chloroform	1.0	BQL
12	1,2-Dichloroethane	1.0	BQL
13	1,1,1-Trichloroethane	1.0	BQL
14	Carbon tetrachloride	1.0	BQL
15	Bromodichloromethane	1.0	BQL
16	1,2-Dichloropropane	1.0	BQL
17	cis-1,3-Dichloropropene	1.0	BQL
18	Trichloroethene	1.0	BQL
19	trans-1,3-Dichloropropene	1.0	BQL
20	1,1,2-Trichloroethane	1.0	BQL
21	Dibromochloromethane	1.0	BQL
22	2-Chloroethylvinyl ether	1.0	BQL
23	Bromoform	1.0	BQL
24	Tetrachloroethene	1.0	BQL
25	1,1,2,2-Tetrachloroethane	1.0	BQL
26	Chlorobenzene	1.0	BQL
27	1,3-Dichlorobenzene	1.0	BQL
28	1,2-Dichlorobenzene	1.0	BQL
29	1,4-Dichlorobenzene	1.0	BQL

Comments:

BQL = Below Quantitation Limit

PURGEABLE HALOCARBONS
SW-846 METHOD 8010 COMPOUNDS

IEA Sample Number: 471-165-6
Sample Identification: B-2 (11.0-12.5)
Date Analyzed: 06/05/91 By: Smith

Number	Compound	Quantitation Limit (ug/kg)	Results Concentration (ug/kg)
1	Bromodichloromethane	1.0	BQL
2	Bromoform	1.0	BQL
3	Bromomethane	1.0	BQL
4	Carbon tetrachloride	1.0	BQL
5	Chlorobenzene	1.0	BQL
6	Chloroethane	1.0	BQL
7	2-Chloroethylvinyl ether	1.0	BQL
8	Chloroform	1.0	BQL
9	Chloromethane	1.0	BQL
10	Dibromochloromethane	1.0	BQL
11	1,2-Dichlorobenzene	1.0	BQL
12	1,3-Dichlorobenzene	1.0	BQL
13	1,4-Dichlorobenzene	1.0	BQL
14	1,1-Dichloroethane	1.0	BQL
15	1,2-Dichloroethane	1.0	BQL
16	1,1-Dichloroethene	1.0	BQL
17	total 1,2-Dichloroethene	1.0	BQL
18	1,2-Dichloropropane	1.0	BQL
19	cis-1,3-Dichloropropene	1.0	BQL
20	trans-1,3-Dichloropropene	1.0	BQL
21	Methylene chloride	1.0	BQL
22	1,1,2,2-Tetrachloroethane	1.0	BQL
23	Tetrachloroethene	1.0	BQL
24	1,1,1-Trichloroethane	1.0	BQL
25	1,1,2-Trichloroethane	1.0	BQL
26	Trichloroethene	1.0	BQL
27	Trichlorofluoromethane	1.0	BQL
28	Vinyl Chloride	1.0	BQL

Comments:

BQL = Below Quantitation Limit

PURGEABLE HALOCARBONS
SW-846 METHOD 8010 COMPOUNDS

IEA Sample Number: 471-165-5
Sample Identification: MW-1 (8.5-10.0)
Date Analyzed: 06/05/91 By: Averill

Number	Compound	Quantitation Limit (ug/kg)	Results Concentration (ug/kg)
1	Bromodichloromethane	1.0	BQL
2	Bromoform	1.0	BQL
3	Bromomethane	1.0	BQL
4	Carbon tetrachloride	1.0	BQL
5	Chlorobenzene	1.0	BQL
6	Chloroethane	1.0	BQL
7	2-Chloroethylvinyl ether	1.0	BQL
8	Chloroform	1.0	BQL
9	Chloromethane	1.0	BQL
10	Dibromochloromethane	1.0	BQL
11	1,2-Dichlorobenzene	1.0	BQL
12	1,3-Dichlorobenzene	1.0	BQL
13	1,4-Dichlorobenzene	1.0	BQL
14	1,1-Dichloroethane	1.0	BQL
15	1,2-Dichloroethane	1.0	BQL
16	1,1-Dichloroethene	1.0	BQL
17	total 1,2-Dichloroethene	1.0	BQL
18	1,2-Dichloropropane	1.0	BQL
19	cis-1,3-Dichloropropene	1.0	BQL
20	trans-1,3-Dichloropropene	1.0	BQL
21	Methylene chloride	1.0	BQL
22	1,1,2,2-Tetrachloroethane	1.0	BQL
23	Tetrachloroethene	1.0	BQL
24	1,1,1-Trichloroethane	1.0	BQL
25	1,1,2-Trichloroethane	1.0	BQL
26	Trichloroethene	1.0	BQL
27	Trichlorofluoromethane	1.0	BQL
28	Vinyl Chloride	1.0	BQL

Comments:

BQL = Below Quantitation Limit

PHENOLS
EPA 604 COMPOUND LIST

IEA Sample Number: 471-165-8
Sample Identification: B-2 (8.5-10.0)
Date Extracted: 06/06/91
Date Analyzed: 06/22/91 By: Joaquin

Number	Compound	Quantitation Limit (ug/kg)	Results Concentration (ug/kg)
1	Phenol	350	BQL
2	2-Chlorophenol	350	BQL
3	2-Nitrophenol	350	BQL
4	2,4-Dimethylphenol	350	BQL
5	2,4-Dichlorophenol	350	BQL
6	4-Chloro-3-methylphenol	350	BQL
7	2,4,6-Trichlorophenol	350	BQL
8	2,4-Dinitrophenol	350	BQL
9	4-Nitrophenol	350	BQL
10	2-Methyl-4,6-dinitrophenol	350	BQL
11	Pentachlorophenol	350	BQL

Comments:

BQL = Below Quantitation Limit

PURGEABLE HALOCARBONS
SW-846 METHOD 8010 COMPOUNDS

IEA Sample Number: 471-165-1
Sample Identification: B-1 (11.0-12.5)
Date Analyzed: 06/05/91 By: Averill

Number	Compound	Quantitation Limit (ug/kg)	Results Concentration (ug/kg)
1	Bromodichloromethane	1.0	BQL
2	Bromoform	1.0	BQL
3	Bromomethane	1.0	BQL
4	Carbon tetrachloride	1.0	BQL
5	Chlorobenzene	1.0	BQL
6	Chloroethane	1.0	BQL
7	2-Chloroethylvinyl ether	1.0	BQL
8	Chloroform	1.0	BQL
9	Chloromethane	1.0	BQL
10	Dibromochloromethane	1.0	BQL
11	1,2-Dichlorobenzene	1.0	BQL
12	1,3-Dichlorobenzene	1.0	BQL
13	1,4-Dichlorobenzene	1.0	BQL
14	1,1-Dichloroethane	1.0	BQL
15	1,2-Dichloroethane	1.0	BQL
16	1,1-Dichloroethene	1.0	BQL
17	total 1,2-Dichloroethene	1.0	BQL
18	1,2-Dichloropropane	1.0	BQL
19	cis-1,3-Dichloropropene	1.0	BQL
20	trans-1,3-Dichloropropene	1.0	BQL
21	Methylene chloride	1.0	BQL
22	1,1,2,2-Tetrachloroethane	1.0	BQL
23	Tetrachloroethene	1.0	BQL
24	1,1,1-Trichloroethane	1.0	BQL
25	1,1,2-Trichloroethane	1.0	BQL
26	Trichloroethene	1.0	BQL
27	Trichlorofluoromethane	1.0	BQL
28	Vinyl Chloride	1.0	BQL

Comments:

BQL = Below Quantitation Limit

PHENOLS
EPA 604 COMPOUND LIST

IEA Sample Number: 471-165-7
Sample Identification: MW-1 (11.0-12.5)
Date Extracted: 06/06/91
Date Analyzed: 06/22/91 By: Joaquin

Number	Compound	Quantitation Limit (ug/kg)	Results Concentration (ug/kg)
1	Phenol	350	BQL
2	2-Chlorophenol	350	BQL
3	2-Nitrophenol	350	BQL
4	2,4-Dimethylphenol	350	BQL
5	2,4-Dichlorophenol	350	BQL
6	4-Chloro-3-methylphenol	350	BQL
7	2,4,6-Trichlorophenol	350	BQL
8	2,4-Dinitrophenol	350	BQL
9	4-Nitrophenol	350	BQL
10	2-Methyl-4,6-dinitrophenol	350	BQL
11	Pentachlorophenol	350	BQL

Comments:

BQL = Below Quantitation Limit

PHENOLS
EPA 604 COMPOUND LIST

IEA Sample Number: 471-165-1
Sample Identification: B-1 (11.0-12.5)
Date Extracted: 06/06/91
Date Analyzed: 06/22/91 By: Joaquin

Number	Compound	Quantitation Limit (ug/kg)	Results Concentration (ug/kg)
1	Phenol	350	BQL
2	2-Chlorophenol	350	BQL
3	2-Nitrophenol	350	BQL
4	2,4-Dimethylphenol	350	BQL
5	2,4-Dichlorophenol	350	BQL
6	4-Chloro-3-methylphenol	350	BQL
7	2,4,6-Trichlorophenol	350	BQL
8	2,4-Dinitrophenol	350	BQL
9	4-Nitrophenol	350	BQL
10	2-Methyl-4,6-dinitrophenol	350	BQL
11	Pentachlorophenol	350	BQL

Comments:

BQL = Below Quantitation Limit

iea
an environmental testing company
P.O. Box 12846
Research Triangle Park, North Carolina 27709
(919) 677-0090
FAX (919) 677-0427

June 25, 1991

J. Scott Pearce
Trigon Engineering, Inc.
313 Gallimore Dairy Rd.
Greensboro, NC 27419

Reference IEA Report No.: 471165
Project ID: 015-91-058

Dear Mr. Pearce,

Transmitted herewith are the results of analyses on ten samples submitted to our laboratory.

Please see the enclosed reports for your results.

Very truly yours,

IEA, Inc.

Linda F. Mitchell
Director, Technical Support Services

State Certification:

Alabama - #40210	New Jersey - #67719	South Carolina - #99021
Georgia - #816	Tennessee - #00296	North Carolina - #37720
Kansas - #E-158	Virginia - #00179	#84

IEA LABORATORY RESULTS

IEA Project #: 471-165
Client Name: Trigon Engineering, Inc.

Sample #	Client ID	Parameter	Results		Date Analyzed
		TOTAL METALS:			
10	MW-1	Arsenic	<0.005	mg/L	06/01/91
10	MW-1	Barium	<0.10	mg/L	06/04/91
10	MW-1	Cadmium	<0.01	mg/L	06/04/91
10	MW-1	Chromium	<0.03	mg/L	06/04/91
10	MW-1	Lead	<0.005	mg/L	06/31/91
10	MW-1	Mercury	<0.0005	mg/L	06/04/91
10	MW-1	Selenium	<0.005	mg/L	06/01/91
10	MW-1	Silver	<0.05	mg/L	06/04/91

iea an environmental testing company
3000 WESTON PKWY.
CARY, N.C. 27513

CHAIN OF CUSTODY RECORD

NO: 21142

REGULATORY CLASSIFICATION - PLEASE SPECIFY
☐ NPDES ☐ DRINKING WATER ☐ RCRA ☐ OTHER _____

PROJECT # 015-91-058

PROJECT NAME

SAMPLERS: (SIGNATURE) J. Scott Pearce

SAMPLE I.D.	DATE	TIME	COMP	GRAB	STATION LOCATION	# OF CONTAINERS	MATRIX SOIL	MATRIX WATER	8010	604	Total RCRA Metals Screen	601	Total RCRA Metals								
B-1	5-22-91	11:15 AM		X	B-1(11.0-12.5)	3	X		X	X											
B-1	5-22-91	11:28 AM		X	B-1(13.5-15.0)	1	X				X										
MW-1	5-22-91	2:39 PM		X	MW-1(3.5-5.0)	1	X				X										
MW-1	5-22-91	2:45 PM		X	MW-1 (8-5-10.0)	2	X		X												
MW-1	5-22-91	3:00 PM		X	MW-1 (11.0-12.5)	1	X			X											
B-2	5-23-91	8:10 AM		X	B-2(3.5-5.0)	1	X				X										
B-2	5-23-91	8:30 AM		X	B-2(8.5-10.0)	1	X			X											
B-2	5-23-91	8:40 AM		X	B-2(11.0-12.5)	2	X		X												
MW-1	5-23-91	11:40 AM		X	MW-1 Eq. BLK	3		X				X									
MW-1	5-23-91	11:58 AM		X	MW-1	4		X				X									

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY	DATE	TIME
J. Scott Pearce	5-24-91	7:58 AM	[illegible]		
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY	DATE	TIME
			Christine [illegible]	5/24/91	1200

IEA QUOTE NO.	IEA RUSH NO.
PROJECT MANAGER (PLEASE PRINT)	P.O. NO.
J. Scott Pearce	

IEA REMARKS

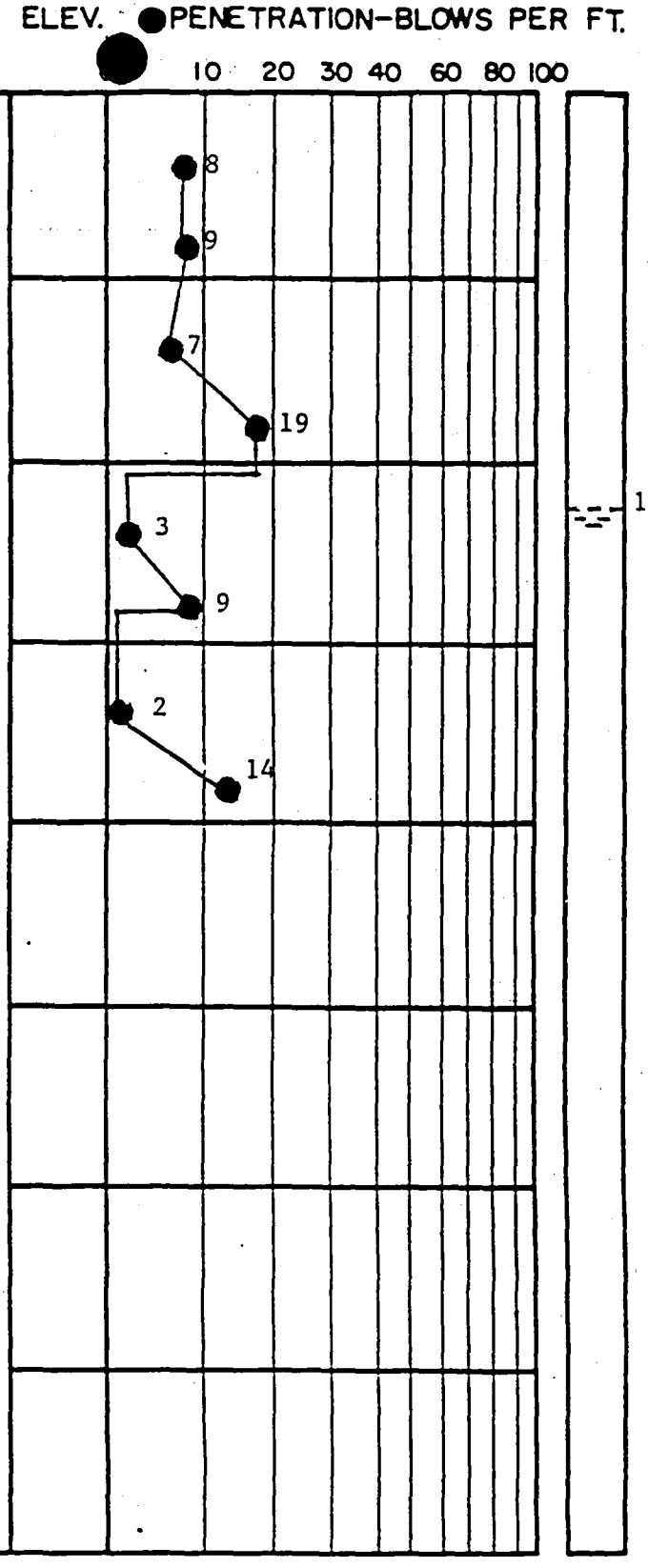
IEA # 471-165

FIELD REMARKS

1. 601 Blank ~~was~~ has no preservative. (MW-1)
2. MW-1 total RCRA metals has no preservative.

APPENDIX B

DEPTH FT:	DESCRIPTION	ELEV.
0.0	Firm and Stiff Orange Brown and Yellow Micaceous Clayey Coarse to Fine Sandy SILT-Fill	
9.5	Firm Black Grey Micaceous Silty Clayey Medium to Fine SAND-Cobbles-Alluvial	
10.5	Soft Black Grey Micaceous Silty Medium to Fine Sandy CLAY-Organics-Alluvial	
14.6	Loose Black Grey Micaceous Silty Coarse to Fine SAND-Organics-Alluvial	
16.9	Soft Black Grey Micaceous Eine Sandy Clayey SILT-Alluvial	
19.7	Firm Tan Grey Micaceous Silty Coarse to Fine SAND-Trace Organics	
20.0	Boring Terminated	



BORING AND SAMPLING MEETS ASTM D-1586
CORE DRILLING MEETS ASTM D-2113

PENETRATION IS THE NUMBER OF BLOWS OF 140 LB. HAMMER FALLING 30 IN. REQUIRED TO DRIVE 1.4 IN. I.D. SAMPLER 1 FT.

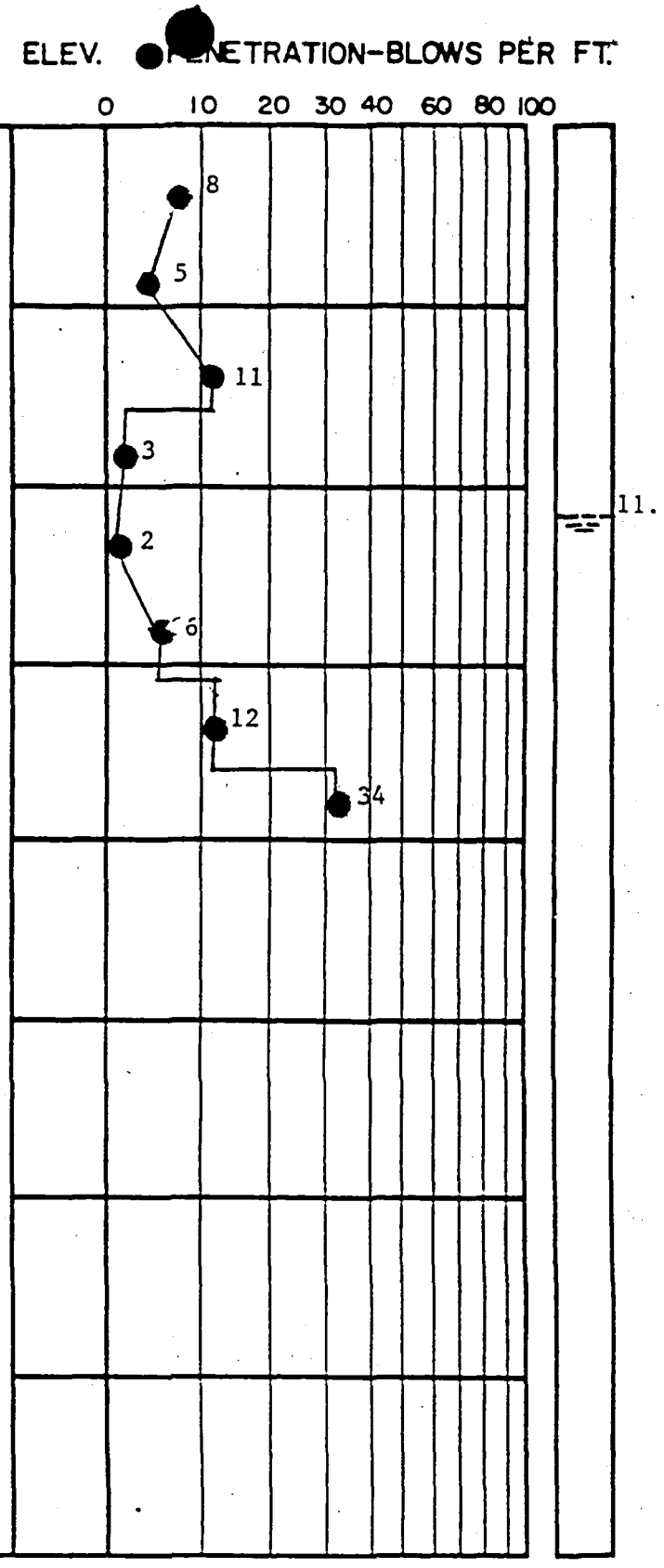
UNDISTURBED SAMPLE
50 % ROCK CORE RECOVERY
LOSS OF DRILLING WATER
WATER TABLE-24 HR.
WATER TABLE-1 HR.
CAVE-IN DEPTH

TEST BORING RECORD

BORING NO. B-1
DATE DRILLED 05/22/91
JOB NO. 015-91-058

TRIGON

DEPTH FT.	DESCRIPTION	ELEV.
0.0	Asphalt and Gravel	
0.7	Firm to Stiff Orange Brown Micaceous Clayey Coarse to Fine Sandy SILT-Fill	
8.0	Soft Black Grey Micaceous Fine Sandy CLAY-Organics-Alluvial	
14.0	Loose Black Grey Micaceous Silty Medium to Fine SAND-Organics-Alluvial	
15.5	Firm Black Grey Micaceous Silty Coarse to Fine SAND-Organics-Alluvial	
18.0	Dense Tan Brown Micaceous Silty Coarse to Fine SAND-Alluvial	
20.0	Boring Terminated	



BORING AND SAMPLING MEETS ASTM D-1586
CORE DRILLING MEETS ASTM D-2113

PENETRATION IS THE NUMBER OF BLOWS OF 140 LB. HAMMER FALLING 30 IN. REQUIRED TO DRIVE 1.4 IN. I.D. SAMPLER 1 FT.

UNDISTURBED SAMPLE
50 % ROCK CORE RECOVERY
LOSS OF DRILLING WATER
WATER TABLE-24HR.
WATER TABLE-1HR.
CAVE-IN DEPTH

TEST BORING RECORD

BORING NO. B-2
DATE DRILLED 05/23/91
JOB NO. 015-91-058

TRIGON

DEPTH FT.	DESCRIPTION	ELEV.	PENETRATION-BLOWS PER FT. (0 10 20 30 40 60 80 100)
0.0			
0.8	Concrete		
	Firm to Stiff Orange Brown Micaceous Clayey Medium to Fine Sandy SILT-Fill		8, 6, 9, 9
8.4	Loose Grey Black Micaceous Silty Medium to Fine SAND-Alluvial		
10.5	Soft Black Grey Micaceous Fine Sandy Clayey SILT-Organics-Alluvial		4
13.8	Very Loose Black Grey Micaceous Silty Medium to Fine SAND-Organics-Alluvial		7
15.5	Firm Grey Black and White Micaceous Silty Coarse to Fine SAND-Organics-Alluvial		15, 13
19.6			
20.0	Firm Tan Grey and Brown Micaceous Silty Coarse to Fine SAND-Cobbles-Alluvial		
	Boring Terminated		

8.

BORING AND SAMPLING MEETS ASTM D-1586
CORE DRILLING MEETS ASTM D-2113

PENETRATION IS THE NUMBER OF BLOWS OF 140 LB. HAMMER FALLING 30 IN. REQUIRED TO DRIVE 1.4 IN. I.D. SAMPLER 1 FT.

UNDISTURBED SAMPLE
50 % ROCK CORE RECOVERY
LOSS OF DRILLING WATER
WATER TABLE-24 HR.
WATER TABLE-1 HR.
CAVE-IN DEPTH

TEST BORING RECORD

BORING NO. MW-1
DATE DRILLED 05/22/91
JOB NO. 015-91-058

TRIGON

NORTH CAROLINA DEPARTMENT OF NATURAL RESOURCES AND COMMUNITY DEVELOPMENT
DIVISION OF ENVIRONMENTAL MANAGEMENT - GROUNDWATER SECTION
P.O. BOX 27687 - RALEIGH, N.C. 27611 - PHONE (919) 733-5083

FOR OFFICE USE ONLY
Quad No. _____ Serial No. _____
Lat. _____ Long. _____ Pc ____
Minor Basin _____
Basin Code _____
Header Ent. _____ GW-1 Ent. _____

WELL CONSTRUCTION RECORD

DRILLING CONTRACTOR: Trigon Engineering Consultants, Inc.
DRILLER REGISTRATION NUMBER: 813
STATE WELL CONSTRUCTION PERMIT NUMBER: 13-0221-WM-0051

WELL LOCATION: (Show sketch of the location below)
Nearest Town: Lenoir, North Carolina
County: Caldwell
(Road, Community, or Subdivision and Lot No.)
OWNER: Thomasville Furniture Industries, Inc.
ADDRESS: 315 Elizabeth Street, N.W. (Street or Route No.)
Lenior, NC
City or Town State Zip Code
DATE DRILLED: 05/22/91 USE OF WELL: Monitoring
TOTAL DEPTH: 20.0 CUTTINGS COLLECTED: ☒ Yes ☐ No
DOES WELL REPLACE EXISTING WELL? ☐ Yes ☒ No
STATIC WATER LEVEL: 11.8 FT. ☐ above ☐ below TOP OF CASING.
TOP OF CASING IS 3.1 FT. ABOVE LAND SURFACE
YIELD (gpm): N/A METHOD OF TEST: N/A
WATER ZONES (depth): 8.6'
CHLORINATION: Type N/A Amount N/A

CASING:

	Depth From	Depth To	Diameter	Wall Thickness or Weight/Ft.	Material
	0.0	5.0	2"	SCH40	PVC

GROUT:

	Depth From	Depth To	Material	Method
	0.0	2.0	Cement	Slue

SCREEN:

	Depth From	Depth To	Diameter	Slot Size	Material
	5.0	20.0	.2 in.	.010 in.	PVC
			in.	in.	
			in.	in.	

GRAVEL PACK:

	Depth From	Depth To	Size	Material
	4.0	20.0	C-33	Fine Sand

REMARKS: Bentonite Seal From 2.0 to 4.0

DRILLING LOG

Depth From MW-1	To	Formation Description
0.0	0.8	Concrete
0.8	8.4	Firm to Stiff Orange-Brown Micaceous Clayey Medium to F Sandy SILT-Fill
8.4	10.5	Loose Grey Black Micaceous Silty Medium to Fine SAND-Alluvial
10.5	13.8	Soft Black Grey Micaceous Fir Sandy Clayey SILT-Organics-Alluvial
13.8	15.5	Very Loose Black Grey Micacec Silty Medium to Fine SAND-Organics-Alluvial
15.5	19.6	Continued On Back -

If additional space is needed use back of form.

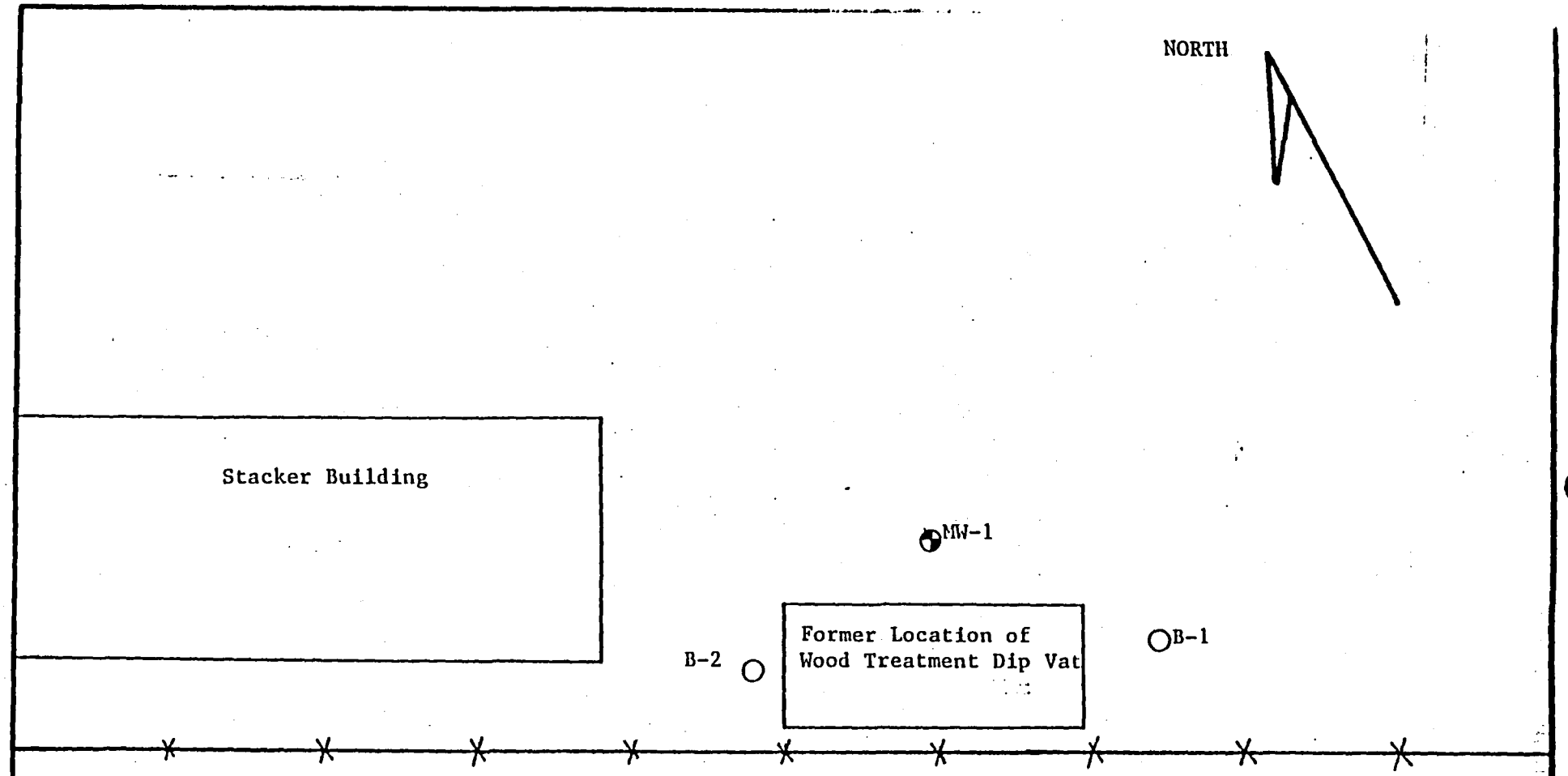
LOCATION SKETCH
(Show direction and distance from at least two State Roads, or other map reference points)

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15 NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

J. Scott Pearce - Trigon 05/22/91
SIGNATURE OF CONTRACTOR OR AGENT DATE

Submit original to Division of Environmental Management and copy to well owner.

GW-1 Revised 11/84



LEGEND

- Groundwater Monitoring Well
- Soil Test Boring
- Hurricane Fence

TRIGON ENGINEERING CONSULTANTS, INC.
GREENSBORO, NORTH CAROLINA

SCALE: None	APPROVED BY	DRAWN BY JSP
DATE: 06/27/91		

Thomasville Furniture Industries, Inc.
Lenoir, North Carolina

Location of Soil Test Boring and Groundwater Monitoring Well	DRAWING NUMBER Figure 1

TELEDYNE POST 18AB 01

APPENDIX A

TRIGON ENGINEERING CONSULTANTS, INC.
SUMMARY OF OVA MONITORING
TABLE 1

Job Name: Wood Treatment Vat
Job Location: Lenoir, North Carolina
Job No: 015-91-058
Date: June 28, 1991

Boring	Sample Number	Depth (feet)	OVA[1] (Field) (ppm)[2]	Comments
B-1	1	1.0 - 2.5	0	
	2	3.5 - 5.0	0	
	3	6.0 - 7.5	0	
	4	8.5 - 10.0	19	
	5	11.0 - 12.5	220	S.T. 11:15 a.m.
	6	13.5 - 15.0	90	S.T. 11:28 a.m.
	7	16.0 - 17.5	12	
	8	18.5 - 20.0	2.2	
MW-1	1	1.0 - 2.5	0	
	2	3.5 - 5.0	0.4	S.T. 2:30 p.m.
	3	6.0 - 7.5		No Recovery
	4	8.5 - 10.0	100	S.T. 2:45 p.m.
	5	11.0 - 12.5	45	S.T. 3:00 p.m.
	6	13.5 - 15.0	38	
	7	16.0 - 17.5	38	
	8	18.5 - 20.0	3	

Notes: [1]Organic Vapor Analyzer (OVA) measures the concentration of organic vapors in the air.
[2]ppm = parts per million
S.T. = Sample Time
W.S. = Workspace
B.Z. = Breathing Zone

TRIGON ENGINEERING CONSULTANTS, INC.
SUMMARY OF OVA MONITORING
TABLE 1

Job Name: Wood Treatment Vat
Job Location: Lenoir, North Carolina
Job No: 015-91-058
Date: June 28, 1991

Boring	Sample Number	Depth (feet)	OVA[1] (Field) (ppm)[2]	Comments
B-2	1	1.0 - 2.5	0	
	2	3.5 - 5.0	3	S.T. 8:10 a.m.
	3	6.0 - 7.5	2	
	4	8.5 - 10.0	10	S.T. 8:30 a.m.
	5	11.0 - 12.5	100	S.T. 8:40 a.m.
	6	13.5 - 15.0	40	
	7	16.0 - 17.5	20	
	8	18.5 - 20.0	7	

Notes: [1]Organic Vapor Analyzer (OVA) measures the concentration of organic vapors in the air.
[2]ppm = parts per million
S.T. = Sample Time
W.S. = Workspace
B.Z. = Breathing Zone

regulatory level for the two metals detected. The highest concentration of barium was detected in the soil sample from boring B-2 at a concentration of 1.6 mg/l. The regulatory level for barium is 100 mg/l. Similarly, the highest concentration of lead detected was from soil test boring B-2 at a concentration of 0.054 mg/l. The regulatory level for lead is 5.0 mg/l. The amounts detected are far below regulatory levels.

Trigon recommends that no additional work be performed with the soil at the points tested and with the groundwater location tested. Due to field and laboratory analysis, the subject site appears to be well below regulatory levels for action.

Trigon Engineering Consultants, Inc. appreciates this opportunity to be of continued service to Thomasville Furniture Industries, Inc. Should there be any questions concerning this report, please contact us at your convenience.

Very truly yours,
TRIGON ENGINEERING CONSULTANTS, INC.

J. Scott Pearce/KR

J. Scott Pearce
Project Geologist

Kirk L. Rife
Director Environmental Affairs

Eric N. Johnson/KR

Eric N. Johnson, P.E.
Senior Project Engineer

JSP:KLR:ENJ/pmt
Enclosures

TRIGON

from well MW-1 and the equipment blank were placed in laboratory prepared containers. The water samples which were collected were analyzed for purgeable halocarbons by EPA method 601 and total RCRA metals. The water sample which was collected for metals was filtered in the field with a 0.45 micron filter. The purpose of filtering the water sample was to remove suspended particles that could interfere with the metals analysis. The samples, once placed in laboratory containers, were packaged in coolers with ice packs (4°C) and transported to Industrial and Environmental Analyst, Inc. (IEA) for analysis. A chain of custody record was kept throughout the sampling, transportation to the laboratory, and laboratory analysis. (Appendix B)

LABORATORY ANALYSIS

The soil samples retrieved from the groundwater monitoring well (MW-1) and the two soil test borings (B-1, B-2) revealed results below quantitation limits for the phenols and the purgeable halocarbons. The results from the soil samples analyzed for leachable metals by the TCLP extraction procedure did reveal barium and lead. Barium was present in MW-1 soils at 3.5 feet - 5.0 feet, at a concentration of 1.2 milligrams per liter (mg/l); B-1 at 13.5 feet - 15.0 feet, at a concentration of 1.1 mg/l; B-2 at 3.5 feet -5.0 feet at a concentration of 1.6 mg/l. Lead was present in MW-1 at 3.5 feet - 5.0 feet at a concentration of 0.038 mg/l; B-2 at 3.5 feet - 5.0 feet at a concentration of 0.054 mg/l (Appendix C).

The water samples from the monitoring well (MW-1) and the equipment blank were analyzed for purgeable halocarbons and total RCRA metals. The laboratory results as reported by IEA revealed results from the water sample taken in well MW-1 below quantitation limits for total metals and purgeable halocarbons. The equipment blank which was analyzed for purgeable halocarbons revealed 1, 1, 1-tricloroethane at 3 micrograms per liter (Appendix C).

CONCLUSIONS AND RECOMMENDATIONS

Trigon constructed one groundwater monitoring well and performed two soil test borings at the subject site adjacent to the former woodtreatment vat. The soil samples which were retrieved from the soil test borings were analyzed by IEA and did not reveal any significant concentrations of compounds tested. Additionally, one equipment blank was performed on the laboratory bailer used for sampling and purging of groundwater monitoring well MW-1. The equipment blank revealed 1, 1, 1-tricloroethane at 3 micrograms per liter. However, the analysis of the groundwater from monitoring well MW-1 did not reveal any concentrations above the quantitation limits for purgeable halocarbons. This would indicate that the equipment blank had picked up traces of contamination (1-1-1-trichloroethane) during shipment and/or during laboratory analysis. The water sample which was analyzed for total RCRA metals did not reveal any concentrations above quantitation limits.

The analysis of the soil samples by toxic characteristic leachate procedure (TCLP) for RCRA metals did reveal barium in the ground-water monitoring well (MW-1) soil sample and in the two soil test boring (B-1, B-2) soil samples. However, the concentration detected is far below the

Trigon constructed one (1) groundwater monitoring well (MW-1) and completed two (2) soil test borings (B-1, B-2) at the site (Figure 1). The groundwater monitoring well was constructed using 6 1/4" inside diameter hollow stem augers (HSA), and the two soil test borings were advanced with 3 1/4" inside diameter HSA's. Soil samples were retrieved from both the groundwater monitoring well boring and the two soil test borings by means of driving a split-spoon sampler. Groundwater monitoring well construction record and soil test boring logs were kept for the monitoring well (MW-1) and for the two soil test borings B-1 and B-2 (Appendix A). The groundwater monitoring well was terminated at a depth of approximately 19.6 feet below the surface of the ground and the two soil test borings were terminated at depths of approximately 20.0 feet below the surface of the ground.

The soil samples which were retrieved from the groundwater monitoring well and the soil test borings were screened in the field with an organic vapor analyzer (OVA) for volatile organics. (Table 1). The OVA operates by flame ionization detection (FID). OVA screening for the soil samples revealed values of 0 to 220 parts per million (ppm). Soil samples selected for laboratory analysis after field screening with the OVA were analyzed for phenols by EPA method 604, purgeable halocarbons by EPA method SW-846 No. 8010, and by toxic characteristic leachate procedure (TCLP) for RCRA metals. Soil samples for laboratory analysis were collected from MW-1 at 3.5 feet - 5.0 feet, 8.5 feet -10.0 feet, 11.0 feet - 12.0 feet; from soil test boring B-1 at 11.0 feet - 12.5 feet, 13.5 feet - 15.0 feet; and from soil test boring B-2 at 3.5 feet - 5.0 feet, 8.5 feet - 10.0 feet, and 11.0 feet - 12.5 feet. Chain of custody records were kept throughout the sampling procedure, transportation to the laboratory, and laboratory analysis (Appendix B).

The groundwater monitoring well (MW-1) was constructed of two-inch diameter schedule 40 PVC Pipe and had a screen with a slot size of 0.010 inches. Once the boring for MW-1 was terminated, the well screen (15 feet) was inserted into the soil boring. A solid piece of 2-inch PVC Pipe was then screwed into the screen section and extended approximately 3.1 feet above the ground surface. A fine filter sand pack was placed around the screen and extended two feet above the top of the screen. A two foot sealing layer of bentonite pellets were placed above the sand pack to prevent overlying material from entering the screen area. Next, a grout pack was constructed using portland cement. Finally, a protective stick-up cover with a lock was installed to prevent unauthorized tampering of the groundwater monitoring well.

The groundwater monitoring well (MW-1) was developed with a oil-less pneumatic blatter pump. Approximately 32 gallons of water was removed from the well which is equivalent to approximately 5.4 well volumes. The well volume on May 23, 1991 for well MW-1 was approximately 5.9 gallons. Field measurements were taken from the well prior to sampling and during sampling. The field measurements included static water level (11.8 feet) below the top of casing, temperature (20.0°C initially, 21.7°C final, ph (6.5 initial, 6.5 final), well volume (5.9 gallons), and OVA screening (0 ppm).

Prior to sampling the well, an equipment blank was performed on the laboratory prepared bailer. The purpose of the equipment blank is to verify field sampling practices and laboratory analytical procedures. After performing the equipment blank, three well volumes were purged from the well with the dedicated laboratory prepared bailer. The water sample

TRIGON
ENGINEERING CONSULTANTS, INC.

Geotechnical, Environmental,
Construction Materials, & Roofing Engineers

P.O. Box 18846•Zip 27419-8846•313 Gallimore Dairy Rd. Greensboro, N.C. 27409•(919) 668-0093

July 01, 1991

Thomasville Industries, Inc.
Post Office Box 339
Thomasville, North Carolina 27360

Attention: Ms. Sherry Stookey

Reference: Preliminary Closure Investigation for Woodtreatment Vat
Lenoir, North Carolina
Trigon Job No. 015-91-058

Dear Ms. Stookey:

This report is issued as a summary to our recently completed field investigation at the reference site. The report describes field activities, laboratory results, and our recommendations associated with the referenced site. The work performed was authorized by Thomasville Furniture Industries, Inc. and performed in accordance with Trigon Proposal No. 015-91-076-P.

It is our understanding that the Lenoir Facility, previously operated a woodtreatment vat for lumber. The treatment vat reportedly contained 4500 gallons of a wood preservative and a fungicide solution. Additionally, it is our understanding that the treatment vat had not been used for the last fifteen (15) years.

In order to perform our investigation, Trigon constructed one groundwater monitoring well and performed two soil test borings. A groundwater sample and soil samples were retrieved for laboratory analysis of purgeable halocarbons, phenols and leachable metals.

FIELD ACTIVITIES

On May 22, 1991, Trigon mobilized a Mobile B-61 truck mounted drill rig to the site. Preceding drilling activities at the site, the drill rig and tools were decontaminated with a high pressure steam cleaner to prevent the possible introduction of contamination to the site. Additionally, during the boring activities, the drill rig and tools were decontaminated using a high pressure steam cleaner between each hole to prevent the possibility of cross-contamination of bore holes. Soil samples were retrieved by means of a split-spoon sampling device during drilling. The split-spoon was decontaminated in a solution of AlcoNox detergent and distilled water between samples and steam cleaned between each boring.

Notification for Underground Storage Tanks

FORM APPROVED
OMB NO 2050-0009
APPROVAL EXPIRES 2-28

FOR TANKS IN NC

RETURN COMPLETED FORM TO: Div. of Environmental Mgmt./GW Section, Dept. of Natural Resources & Comm. Development, P.O. Box 27687, Raleigh, NC 27611 (919) 733-5083

STATE USE ONLY
I.D. Number
Date Received

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or, in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—
(a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and
(b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded? Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:
1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;
4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

What Substances Are Covered? The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Completed notification forms should be sent to the address given at the top of this page.

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed $10,000 for each tank for which notification is not given or for which false information is submitted.

INSTRUCTIONS

Please type or print in ink all items except "signature" in Section V. This form must by completed for each location containing underground storage tanks. If more than 5 tanks are owned at this location, photocopy the reverse side, and staple continuation sheets to this form.

Indicate number of continuation sheets attached: 0

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity): THOMASVILLE FURNITURE INDUSTRIES
Street Address: 401 E. MAIN STREET
County: DAVIDSON
City: THOMASVILLE State: NC ZIP Code: 27360
Area Code: 919 Phone Number: 472-4000

Type of Owner (Mark all that apply ☒)
- ☒ Current
- ☐ Former
- ☐ State or Local Gov't
- ☐ Federal Gov't (GSA facility I.D. no. _____)
- ☐ Private or Corporate
- ☐ Ownership uncertain

II. LOCATION OF TANK(S)

(If same as Section 1, mark box here ☐)

Facility Name or Company Site Identifier, as applicable: LENOIR PLANT
Street Address or State Road, as applicable: 315 ELIZABETH STREET
County: CALDWELL
City (nearest): THOMASVILLE State: NC ZIP Code: 28645

Indicate number of tanks at this location: 4

Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands ☐

III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here ☐): JOHN CRAIG
Job Title: MAINTENANCE SUPERVISOR
Area Code: 704 Phone Number: 754-4581

IV. TYPE OF NOTIFICATION

☒ Mark box here only if this is an amended or subsequent notification for this location.

V. CERTIFICATION (Read and sign after completing Section VI.)

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: SHERRY D. STOOKEY, SUPV. ENV. COMP.
Signature: Sherry D Stookey
Date Signed: 9-26-89

CONTINUE ON REVERSE SIDE

Owner Name (from Section I) SAME Location (from Section II) SAME Page No. 1 of 6 Pages

VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3...)	Tank No. LEN-2	Tank No. LEN-3	Tank No. LEN-4	Tank No. LEN-5	Tank No.
1. Status of Tank (Mark all that apply ☒)					
Currently in Use	☐	☐	☐	☐	☐
Temporarily Out of Use	☐	☐	☐	☐	☐
Permanently Out of Use	✓	✓	✓	✓	☐
Brought into Use after 5/8/86	☐	☐	☐	☐	☐
2. Estimated Age (Years)	30+	30+	20+	20+	
3. Estimated Total Capacity (Gallons)	500	500	500	500	
4. Material of Construction (Mark one ☒)					
Steel	✓	✓	✓	✓	☐
Concrete	☐	☐	☐	☐	☐
Fiberglass Reinforced Plastic	☐	☐	☐	☐	☐
Unknown	☐	☐	☐	☐	☐
Other, Please Specify					
5. Internal Protection (Mark all that apply ☒)					
Cathodic Protection	☐	☐	☐	☐	☐
Interior Lining (e.g., epoxy resins)	☐	☐	☐	☐	☐
None	☐	☐	☐	☐	☐
Unknown	✓	✓	✓	✓	☐
Other, Please Specify					
6. External Protection (Mark all that apply ☒)					
Cathodic Protection	☐	☐	☐	☐	☐
Painted (e.g., asphaltic)	☐	☐	☐	☐	☐
Fiberglass Reinforced Plastic Coated	☐	☐	☐	☐	☐
None	☐	☐	☐	☐	☐
Unknown	✓	✓	✓	✓	☐
Other, Please Specify					
7. Piping (Mark all that apply ☒)					
Bare Steel	☐	☐	☐	☐	☐
Galvanized Steel	☐	☐	☐	☐	☐
Fiberglass Reinforced Plastic	☐	☐	☐	☐	☐
Cathodically Protected	☐	☐	☐	☐	☐
Unknown	✓	✓	✓	✓	☐
Other, Please Specify					
8. Substance Currently or Last Stored in Greatest Quantity by Volume (Mark all that apply ☒)					
a. Empty	☐	☐	☐	☐	☐
b. Petroleum					
Diesel	☐	☐	☐	✓	☐
Kerosene	☐	☐	☐	☐	☐
Gasoline (including alcohol blends)	☐	☐	✓	☐	☐
Used Oil	☐	☐	☐	☐	☐
Other, Please Specify					
c. Hazardous Substance	✓	✓	☐	☐	☐
Please Indicate Name of Principal CERCLA Substance	VARSOL	NAPTHA			
OR Chemical Abstract Service (CAS) No.	NA	8030-30-6			
Mark box ☒ if tank stores a mixture of substances	☐	☐	☐	☐	☐
d. Unknown	☐	☐	☐	☐	☐
9. Additional Information (for tanks permanently taken out of service)					
a. Estimated date last used (mo/yr)	11/89	11/89	11/89	11/89	/
b. Estimated quantity of substance remaining (gal.)	0	0	0	0	
c. Mark box ☒ if tank was filled with inert material (e.g., sand, concrete)	☐	☐	☐	☐	☐

Thomasville

September 27, 1989

Division of Environmental Mgmt./GW Section
Dept. of Natural Resources & Comm. Development
P.O. Box 27687
Raleigh, NC 27611

To Whom It May Concern:

Subject: 30 Day Notification
UST Removals Planned
Thomasville Furniture Industries, Ind.
Plant H, Winston Salem, NC
Lenoir Plant, Lenoir NC

In accordance with 40 CFR 280.71 of the Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks we are notifying you that we plan to remove underground storage tanks at the two (2) above locations as per the attached forms. We will not be replacing any of these tanks with underground storage tanks.

SS/lcm

Sincerely,

Sherry Stookey

Sherry Stookey, Supervisor
Environmental Compliance

Thomasville

December 17, 1990

Jesse Wells
N.C. Dept. of Environment, Health
and Natural Resources
Division of Environmental Management/Groundwater
P.O. Box 950
Mooresville, NC 28115

Dear Mr. Wells,

Re: Request for Additional Information
(see letter dated 11-5-90)
Disposition of Excavated Soils
Thomasville Furniture Industries, Inc.
Lenoir, NC

As per your verbal request below is the information you require.

The estimated quantity of excavated soils analyzed and to be utilized on-site is 150 cubic yards. A composite sample was taken from 3-4 different areas.

Caldwell Labs which performed the analysis used methods EPA 5030 and 3550. Please see the attached letter and lab report.

We plan to use the soil to fill in a concrete pit where a glue press has been removed inside the plant. The filled pit will then be capped with concrete in conformance with the rest of the flooring.

Your prompt review and approval of this request will be greatly appreciated.

If you still have questions please call me at (919) 476-2264.

SS/lm

Yours truly,

Sherry Stookey

Sherry Stookey, Supervisor
Environmental Compliance

Caldwell Labs, Inc.

December 12, 1990

Thomasville Furniture
PO Box 339
Thomasville, NC 27360
Ms. Sherry Stookey

Ms. Stookey,

This letter is to certify the test method used for sample C90-J015A (see attached report) was performed via 3550 extraction followed by 5030 Purge & Trap FID GC (California method) for Total Petroleum Hydrocarbons.

Please give me a call at Blue Ridge Labs, Inc. at (704) 728-0149 should you have any questions.

Jeffrey A. Woodruff

Jeffrey A. Woodruff
Assistant Chemist
Caldwell Labs, Inc.

Caldwell Labs, Inc.

CLIENT: Thomasville Furniture Industries, Inc.
P. O. Box 640
Lenoir, N.C. 28645

Attention: Mr. Bud Balew

DATE RECEIVED: October 8,1990

DATE REPORTED: October 24, 1990

SAMPLE NUMBER	SAMPLE DESCRIPTION
C90-J015A	Soil; for TPH

PARAMETER	RESULTS*
C90-J015A - TPH	1.6 mg/kg

Note: mg/kg (ppm)

REPORTED BY: _____
Lyle J. Clark, Jr. General Manager

Caldwell Labs, Inc./P.O. Box 1924/Lenoir, North Carolina 28645/(704) 728-1394/FAX (704) 396-2367

Thomasville

July 11, 1991

Yvonne Bailey
Womble, Carlyle, Sandridge & Rice
P.O. Drawer 84
Winston Salem, N.C. 27102

Dear Ms. Bailey:

Subject: Wood Treatment Incident
Lenoir Facility

As you will recall a site assessment of the wood treatment area was performed by Trigon Engineering Consultants on May 22 and 23, 1991. Enclosed please find a copy of their final report. The report essentially indicates that the site is "clean" and that no further action needs to be taken.

Also enclosed are copies of two (2) letters sent to Robin Purcell concerning the results of lab analyses from both the wood treatment area and the lumberyard spill area. She insisted during the June 10, 1991 inspection that she be notified by phone as soon as these results were known. The letters are a follow-up of my phone calls to her while she was out of the office.

Feel free to call me if you have any questions or concerns.

Yours truly,

Sherry Stookey

Sherry Stookey, Supervisor
Environmental Compliance

SS/lm

cc: Dave Masters

TRIGON
ENGINEERING CONSULTANTS, INC.

Geotechnical, Environmental,
Construction Materials, & Roofing Engineers

P.O. Box 18846-Zip 27419-5846-313 Gallimore Dairy Rd. Greensboro, N.C. 27409-(919)668-0093

FAX TRANSMITTAL COVER SHEET

DATE: 6-26-91

TIME: 2:17pm.

PLEASE DELIVER THE FOLLOWING PAGE(S) TO:

NAME: Sherry Stokey

COMPANY: Thomasville Furniture

FAX TELEPHONE NO.: 919-472-4025

THIS FAX IS BEING SENT BY:

NAME: Scott Pearce

TRIGON FAX TELEPHONE NO.: 1-919-668-3368

NUMBER OF PAGES (INCLUDING COVER SHEET): 13

IF YOU DO NOT RECEIVE ALL PAGES, PLEASE CALL BACK AS SOON AS POSSIBLE.
MY NUMBER IS: 919-668-0093

NAME: SJ
Fax Operator

Thomasville

June 26, 1991

Ms. Robin Purcell
N.C. DEHNR
Hazardous Waste Section
59 Woodfin Place
Asheville, N.C. 28801

Dear Ms. Purcell:

Subject: Wood Treatment Area
Assessment Results
Thomasville Furniture Ind., Inc.
Lenoir, NC
NCD054290770

Enclosed please find the results of lab analyses associated with the above mentioned assessment which were received by our consultant and faxed to me today. As you will see, the results indicate that the wood treatment process area is clean. These results are consistent with the detailed message left for you on June 25, 1991.

The final report outlining the assessment procedures and including these results will be sent to you as soon as possible.

Sincerely,

Sherry Stookey

Sherry Stookey, Supervisor
Environmental Compliance

SS/lm

cc: Keith Masters
Doug Hollifield
Jerome Rhodes

Research Triangle Park, North Carolina 27709
(919) 677-0090
FAX (919) 677-0427

June 25, 1991

J. Scott Pearce
Trigon Engineering, Inc.
313 Gallimore Dairy Rd.
Greensboro, NC 27419

Reference IEA Report No.: 471165
Project ID: 015-91-058

Dear Mr. Pearce,

Transmitted herewith are the results of analyses on ten samples submitted to our laboratory.

Please see the enclosed reports for your results.

Very truly yours,

IEA, Inc.

Linda F. Mitchell
Director, Technical Support Services

State Certification:

Alabama - #40210	New Jersey - #67719	South Carolina - #99021
Georgia - #816	Tennessee - #00296	North Carolina - #37720 #84
Kansas - #E-158	Virginia - #00179	

PHENOLS
EPA 604 COMPOUND LIST

IEA Sample Number: 471-165-8
Sample Identification: B-2 (8.5-10.0)
Date Extracted: 06/06/91
Date Analyzed: 06/22/91 By: Joaquin

Number	Compound	Quantitation Limit (ug/kg)	Results Concentration (ug/kg)
1	Phenol	350	BQL
2	2-Chlorophenol	350	BQL
3	2-Nitrophenol	350	BQL
4	2,4-Dimethylphenol	350	BQL
5	2,4-Dichlorophenol	350	BQL
6	4-Chloro-3-methylphenol	350	BQL
7	2,4,6-Trichlorophenol	350	BQL
8	2,4-Dinitrophenol	350	BQL
9	4-Nitrophenol	350	BQL
10	2-Methyl-4,6-dinitrophenol	350	BQL
11	Pentachlorophenol	350	BQL

Comments:

BQL = Below Quantitation Limit

iea

PURGEABLE HALOCARBONS
SW-846 METHOD 8010 COMPOUNDS

IEA Sample Number: 471-165-1
Sample Identification: B-1 (11.0-12.5)
Date Analyzed: 06/05/91 By: Averill

Number	Compound	Quantitation Limit (ug/kg)	Results Concentration (ug/kg)
1	Bromodichloromethane	1.0	BQL
2	Bromoform	1.0	BQL
3	Bromomethane	1.0	BQL
4	Carbon tetrachloride	1.0	BQL
5	Chlorobenzene	1.0	BQL
6	Chloroethane	1.0	BQL
7	2-Chloroethylvinyl ether	1.0	BQL
8	Chloroform	1.0	BQL
9	Chloromethane	1.0	BQL
10	Dibromochloromethane	1.0	BQL
11	1,2-Dichlorobenzene	1.0	BQL
12	1,3-Dichlorobenzene	1.0	BQL
13	1,4-Dichlorobenzene	1.0	BQL
14	1,1-Dichloroethane	1.0	BQL
15	1,2-Dichloroethane	1.0	BQL
16	1,1-Dichloroethene	1.0	BQL
17	total 1,2-Dichloroethene	1.0	BQL
18	1,2-Dichloropropane	1.0	BQL
19	cis-1,3-Dichloropropene	1.0	BQL
20	trans-1,3-Dichloropropene	1.0	BQL
21	Methylene chloride	1.0	BQL
22	1,1,2,2-Tetrachloroethane	1.0	BQL
23	Tetrachloroethene	1.0	BQL
24	1,1,1-Trichloroethane	1.0	BQL
25	1,1,2-Trichloroethane	1.0	BQL
26	Trichloroethene	1.0	BQL
27	Trichlorofluoromethane	1.0	BQL
28	Vinyl Chloride	1.0	BQL

Comments:

BQL = Below Quantitation Limit

PURGEABLE HALOCARBONS
SW-846 METHOD 8010 COMPOUNDS

IEA Sample Number: 471-165-S
Sample Identification: MW-1 (8.5-10.0)
Date Analyzed: 06/05/91 By: Averill

Number	Compound	Quantitation Limit (ug/kg)	Results Concentration (ug/kg)
1	Bromodichloromethane	1.0	BQL
2	Bromoform	1.0	BQL
3	Bromomethane	1.0	BQL
4	Carbon tetrachloride	1.0	BQL
5	Chlorobenzene	1.0	BQL
6	Chloroethane	1.0	BQL
7	2-Chloroethylvinyl ether	1.0	BQL
8	Chloroform	1.0	BQL
9	Chloromethane	1.0	BQL
10	Dibromochloromethane	1.0	BQL
11	1,2-Dichlorobenzene	1.0	BQL
12	1,3-Dichlorobenzene	1.0	BQL
13	1,4-Dichlorobenzene	1.0	BQL
14	1,1-Dichloroethane	1.0	BQL
15	1,2-Dichloroethane	1.0	BQL
16	1,1-Dichloroethene	1.0	BQL
17	total 1,2-Dichloroethene	1.0	BQL
18	1,2-Dichloropropane	1.0	BQL
19	cis-1,3-Dichloropropene	1.0	BQL
20	trans-1,3-Dichloropropene	1.0	BQL
21	Methylene chloride	1.0	BQL
22	1,1,2,2-Tetrachloroethane	1.0	BQL
23	Tetrachloroethene	1.0	BQL
24	1,1,1-Trichloroethane	1.0	BQL
25	1,1,2-Trichloroethane	1.0	BQL
26	Trichloroethene	1.0	BQL
27	Trichlorofluoromethane	1.0	BQL
28	Vinyl Chloride	1.0	BQL

Comments:

BQL = Below Quantitation Limit

PURGEABLE HALOCARBONS
SW-846 METHOD 8010 COMPOUNDS

IEA Sample Number: 471-165-6
Sample Identification: B-2 (11.0-12.5)
Date Analyzed: 06/05/91 By: Smith

Number	Compound	Quantitation Limit (ug/kg)	Results Concentration (ug/kg)
1	Bromodichloromethane	1.0	BQL
2	Bromoform	1.0	BQL
3	Bromomethane	1.0	BQL
4	Carbon tetrachloride	1.0	BQL
5	Chlorobenzene	1.0	BQL
6	Chloroethane	1.0	BQL
7	2-Chloroethylvinyl ether	1.0	BQL
8	Chloroform	1.0	BQL
9	Chloromethane	1.0	BQL
10	Dibromochloromethane	1.0	BQL
11	1,2-Dichlorobenzene	1.0	BQL
12	1,3-Dichlorobenzene	1.0	BQL
13	1,4-Dichlorobenzene	1.0	BQL
14	1,1-Dichloroethane	1.0	BQL
15	1,2-Dichloroethane	1.0	BQL
16	1,1-Dichloroethene	1.0	BQL
17	total 1,2-Dichloroethene	1.0	BQL
18	1,2-Dichloropropane	1.0	BQL
19	cis-1,3-Dichloropropene	1.0	BQL
20	trans-1,3-Dichloropropene	1.0	BQL
21	Methylene chloride	1.0	BQL
22	1,1,2,2-Tetrachloroethane	1.0	BQL
23	Tetrachloroethene	1.0	BQL
24	1,1,1-Trichloroethane	1.0	BQL
25	1,1,2-Trichloroethane	1.0	BQL
26	Trichloroethene	1.0	BQL
27	Trichlorofluoromethane	1.0	BQL
28	Vinyl Chloride	1.0	BQL

Comments:

BQL = Below Quantitation Limit

PURGEABLE HALOCARBONS
EPA 601 COMPOUND LIST

IEA Sample Number: 471-165-9
Sample Identification: MW-1 Eq. Blk
Date Analyzed: 06/04/91 By: Averill

Number	Compound	Quantitation Limit (ug/L)	Results Concentration (ug/L)
1	Chloromethane	1.0	BQL
2	Bromomethane	1.0	BQL
3	Vinyl Chloride	1.0	BQL
4	Dichlorodifluoromethane	1.0	BQL
5	Chloroethane	1.0	BQL
6	Methylene chloride	1.0	BQL
7	Trichlorofluoromethane	1.0	BQL
8	1,1-Dichloroethene	1.0	BQL
9	1,1-Dichloroethane	1.0	BQL
10	1,2-Dichloroethene (total)	1.0	BQL
11	Chloroform	1.0	BQL
12	1,2-Dichloroethane	1.0	BQL
13	1,1,1-Trichloroethane	1.0	3
14	Carbon tetrachloride	1.0	BQL
15	Bromodichloromethane	1.0	BQL
16	1,2-Dichloropropane	1.0	BQL
17	cis-1,3-Dichloropropene	1.0	BQL
18	Trichloroethene	1.0	BQL
19	trans-1,3-Dichloropropene	1.0	BQL
20	1,1,2-Trichloroethane	1.0	BQL
21	Dibromochloromethane	1.0	BQL
22	2-Chloroethylvinyl ether	1.0	BQL
23	Bromoform	1.0	BQL
24	Tetrachloroethene	1.0	BQL
25	1,1,2,2-Tetrachloroethane	1.0	BQL
26	Chlorobenzene	1.0	BQL
27	1,3-Dichlorobenzene	1.0	BQL
28	1,2-Dichlorobenzene	1.0	BQL
29	1,4-Dichlorobenzene	1.0	BQL

Comments:

BQL = Below Quantitation Limit

PURGEABLE HALOCARBONS
EPA 601 COMPOUND LIST

IEA Sample Number: 471-165-1C
Sample Identification: MW-1
Date Analyzed: 06/04/91 By: Averill

Number	Compound	Quantitation Limit (ug/L)	Results Concentration (ug/L)
1	Chloromethane	1.0	BQL
2	Bromomethane	1.0	BQL
3	Vinyl Chloride	1.0	BQL
4	Dichlorodifluoromethane	1.0	BQL
5	Chloroethane	1.0	BQL
6	Methylene chloride	1.0	BQL
7	Trichlorofluoromethane	1.0	BQL
8	1,1-Dichloroethene	1.0	BQL
9	1,1-Dichloroethane	1.0	BQL
10	1,2-Dichloroethene (total)	1.0	BQL
11	Chloroform	1.0	BQL
12	1,2-Dichloroethane	1.0	BQL
13	1,1,1-Trichloroethane	1.0	BQL
14	Carbon tetrachloride	1.0	BQL
15	Bromodichloromethane	1.0	BQL
16	1,2-Dichloropropane	1.0	BQL
17	cis-1,3-Dichloropropene	1.0	BQL
18	Trichloroethene	1.0	BQL
19	trans-1,3-Dichloropropene	1.0	BQL
20	1,1,2-Trichloroethane	1.0	BQL
21	Dibromochloromethane	1.0	BQL
22	2-Chloroethylvinyl ether	1.0	BQL
23	Bromoform	1.0	BQL
24	Tetrachloroethene	1.0	BQL
25	1,1,2,2-Tetrachloroethane	1.0	BQL
26	Chlorobenzene	1.0	BQL
27	1,3-Dichlorobenzene	1.0	BQL
28	1,2-Dichlorobenzene	1.0	BQL
29	1,4-Dichlorobenzene	1.0	BQL

Comments:

BQL = Below Quantitation Limit

IEA LABORATORY RESULTS
TCLP SCREEN

IEA Project #: 471-165
Client Name: Trigon Engineering, Inc.

Sample #	Client ID	Parameter	Regulatory Level		Results		Date Analyzed
		TCLP METALS:					
2	B-1 (13.5-15.0)	Arsenic	5.0	mg/L	<0.025	mg/L	06/12/91
3	MW-1 (3.5-5.0)	Arsenic	5.0	mg/L	<0.025	mg/L	06/12/91
4	B-2 (3.5-5.0)	Arsenic	5.0	mg/L	<0.025	mg/L	06/12/91
2	B-1 (13.5-15.0)	Barium	100	mg/L	1.1	mg/L	06/05/91
3	MW-1 (3.5-5.0)	Barium	100	mg/L	1.2	mg/L	06/05/91
4	B-2 (3.5-5.0)	Barium	100	mg/L	1.6	mg/L	06/05/91
2	B-1 (13.5-15.0)	Cadmium	1.0	mg/L	<0.05	mg/L	06/05/91
3	MW-1 (3.5-5.0)	Cadmium	1.0	mg/L	<0.05	mg/L	06/05/91
4	B-2 (3.5-5.0)	Cadmium	1.0	mg/L	<0.05	mg/L	06/05/91
2	B-1 (13.5-15.0)	Chromium	5.0	mg/L	<0.15	mg/L	06/05/91
3	MW-1 (3.5-5.0)	Chromium	5.0	mg/L	<0.15	mg/L	06/05/91
4	B-2 (3.5-5.0)	Chromium	5.0	mg/L	<0.15	mg/L	06/05/91
2	B-1 (13.5-15.0)	Mercury	0.2	mg/L	<0.0025	mg/L	06/06/91
3	MW-1 (3.5-5.0)	Mercury	0.2	mg/L	<0.0025	mg/L	06/06/91
4	B-2 (3.5-5.0)	Mercury	0.2	mg/L	<0.0025	mg/L	06/06/91
2	B-1 (13.5-15.0)	Lead	5.0	mg/L	<0.025	mg/L	06/08/91
3	MW-1 (3.5-5.0)	Lead	5.0	mg/L	0.038	mg/L	06/08/91
4	B-2 (3.5-5.0)	Lead	5.0	mg/L	0.054	mg/L	06/08/91
2	B-1 (13.5-15.0)	Selenium	1.0	mg/L	<0.025	mg/L	06/10/91
3	MW-1 (3.5-5.0)	Selenium	1.0	mg/L	<0.025	mg/L	06/10/91
4	B-2 (3.5-5.0)	Selenium	1.0	mg/L	<0.025	mg/L	06/10/91
2	B-1 (13.5-15.0)	Silver	5.0	mg/L	<0.25	mg/L	06/05/91
3	MW-1 (3.5-5.0)	Silver	5.0	mg/L	<0.25	mg/L	06/05/91
4	B-2 (3.5-5.0)	Silver	5.0	mg/L	<0.25	mg/L	06/05/91

Comments:

*Please note that this report does not include matrix spike and corrected results as required in the TCLP Method (40 CFR, Part 261, Subpart C, Appendix I).

an environmental testing company
3000 WESTON PKWY.
CARY, N.C. 27513

CHAIN OF CUSTODY RECORD

NO: 21142

REGULATORY CLASSIFICATION - PLEASE SPECIFY

☐ NPDES ☐ DRINKING WATER ☐ RCRA ☐ OTHER _____

PROJECT # 015-91-058

PROJECT NAME

SAMPLERS: (SIGNATURE) J. Scott Pearce

SAMPLE I.D.	DATE	TIME	COMP	GRAB	STATION LOCATION	# OF CONTAINERS	MATRIX SOIL	MATRIX WATER	8010	601	TCLP Metals Screen	601	Total RCRA Metals						
B-1	5-22-91	11:15 AM		X	B-1 (11.0-12.5)	3		X	X	X									
B-1	5-22-91	11:28 AM		X	B-1 (13.5-15.0)	1		X			X								
MW-1	5-22-91	2:30 PM		X	MW-1 (3.5-5.0)	1		X			X								
MW-1	5-22-91	2:45 PM		X	MW-1 (8.5-10.0)	2		X	X										
MW-1	5-22-91	3:00 PM		X	MW-1 (11.0-12.5)	1		X		X									
B-2	5-23-91	8:10 AM		X	B-2 (3.5-5.0)	1		X			X								
B-2	5-23-91	8:30 AM		X	B-2 (8.5-10.0)	1		X		X									
B-2	5-23-91	8:40 AM		X	B-2 (11.0-12.5)	2		X	X										
MW-1	5-23-91	11:40 AM		X	MW-1 Eq. BLK	3		X				X							
MW-1	5-23-91	11:58 AM		X	MW-1	4		X				X							

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY	DATE	TIME
J. Scott Pearce	5-24-91	7:58 AM	[illegible]		
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY	DATE	TIME
			Christine [illegible]	5/24/91	1200

IEA QUOTE NO.

IEA RUSH NO.

PROJECT MANAGER (PLEASE PRINT): J. Scott Pearce

P.O. NO.

IEA REMARKS

JEN # 471-165

FIELD REMARKS

1. 601 Blank ~~was~~ has no preservative. (MW-1)
2. MW-1 total RCRA metals has no preservative.

Thomasville® FURNITURE INDUSTRIES, INC.
P.O. Box 339 • Thomasville, North Carolina 27361 • 919/475-1361

FAX NUMBER (919) 472-4075

TO: Gary Sparks, STAT

FROM: Sherry Hookey

NUMBER OF PAGES (INCLUDING COVER SHEET) 1

DATE: 6-11-91

REPLY NEEDED: ~~YES~~/NO

REPLY NEEDED BY:

Gary,

As per our conversation today

I need the following done:

1- One composite soil sample from the 3rd roll-off box filled last week.
6/11/91A
Have lab do TCLP for pentachlorophenol

6/11/91 BCD
2- Composite soil samp from base of 2nd excavation completed last week.
Have lab do Total pentachlorophenol.

Map out location of samples taken in lumber yard.

BLUE RIDGE LABS

P. O. Box 2940
Lenoir, NC 28645
(704) 728-0149

INVOICE

Thomasville Furniture Industries, Inc.
PO Box 339
Thomasville
NC 27361-0339

INVOICE DATE 7/1/91
INVOICE NO 91-0395
P. O. NUMBER
NC Waste Water ID # 275

QUANTITY	DESCRIPTION	UNIT PRICE	ITEM TOTAL
1	Soil; TCLP Extraction on sample TF-61191-A for Pentachlorophenol.	$100.00	$100.00
1	Soil; TCLP analysis of TCLP extract on sample TF-61191-A for Pentachlorophenol.	$120.00	$120.00
1	Soil; Total Pentachlorophenol analysis of a blend of samples TF-61191-B, C, D.	$120.00	$120.00

$340.00

Dave,
O.K. to approve.
Sherry

PLEASE REMIT $340.00

Terms are net 10 days.
A finance charge Of 1.5% per month will be added to all accounts over 30 days.

Thomasville

July 2, 1991

Ms. Robin Purcell
N.C. DEHNR
Hazardous Waste Section
59 Woodfin Place
Asheville, NC 28801

Dear Ms. Purcell:

Subject: Lumberyard
Thomasville Furniture Industries, Inc.
Lenoir, NC
NCD054290770

Enclosed please find the lab results of composite samples taken from the roll-off box #3 and the new base of the 2nd excavation. This third roll-off container holds the soil removed from further excavation of this 2nd area. These results and all others now indicate that the lumberyard is "clean" below the detectable limit of 0.100 ppm pentachlorophenol.

If you have questions pertaining to this matter please call me.

Sincerely,

Sherry Stookey

Sherry Stookey, Supervisor
Environmental Compliance

SS/lm

cc: Keith Masters
Doug Hollifield
Jerome Rhodes

Blue Ridge Labs
P.O. Box 2940 • Pine Mountain Road
Lenoir, North Carolina 28645
Telephone (704) 728-0149

CLIENT: Thomasville Furniture Industries, Inc.
PO Box 339
Thomasville, N.C. 27361-0339

Attention: Ms. S. Stookey

DATE REQUESTED: June 11, 1991

DATE REPORTED: June 27, 1991

SAMPLE NUMBER	SAMPLE DESCRIPTION
106-0387A	Soil; TF-61191-A for TCLP Pentachlorophenol
106-0387B	Soil; Blend of Samples TF-61191-B, C, D for Total Pentachlorophenol

PARAMETER	RESULTS
106-0387A - TCLP Pentachlorophenol	< 0.050 mg/l
106-0387B - Total Pentachlorophenol	< 0.100 mg/kg

The above were run via SW-846 method 8040.

REPORTED BY: D R Wessinger

D. R. Wessinger - General Manager

file

State of North Carolina
Department of Environment, Health, and Natural Resources
512 North Salisbury Street • Raleigh, North Carolina 27604

James B. Hunt, Jr., Governor | Division of Solid Waste Management Telephone (919) 733-4996 | Jonathan B. Howes, Secretary

April 20, 1993

Mr. Roger Hennessee
Environmental Health Supervisor
Caldwell County Health Department
Post Office Box 1378
Lenoir, North Carolina 28645

RE: Site Investigation Prioritization
On-Site Reconnaissance
Thomasville Furniture Industries
NCD 054 290 770

Dear Mr. Hennessee:

David Lilley of the NC Superfund Section spoke with Ms. Joyce Bryant of your office to notify you that the NC Superfund Section will conduct an on-site reconnaissance of the subject site located in Caldwell County, NC. The reconnaissance will be conducted on April 27, 1993 by Doug Rumford of the NC Superfund Section.

The purpose of the reconnaissance is to determine if the site poses a hazard to public health or the environment because of releases of contaminants to soil, surface water, groundwater, or air. The reconnaissance team will locate all nearby water supplies (surface and groundwater, community and private) and any close sensitive environments, schools, and day care centers.

This reconnaissance is not an emergency situation but is a normal step in the evaluation of all uncontrolled and unregulated potential hazardous waste sites in North Carolina. You may want to have your representative meet the reconnaissance team at the site. If so, please contact Doug Rumford at (919) 733-2801 and he will coordinate a meeting. I am enclosing background data on the site for your information.

If the reconnaissance indicates the need for future study of the site, we will contact your office to advise. If you have any questions, please don't hesitate to call David Lilley or me at (919) 733-2801.

Sincerely,

Pat DeRosa, Head
CERCLA Branch
NC Superfund Section

Enclosures

cc: Dexter Matthews
Doug Holyfield
Debbie Crane
Angie Coppola
David Lilley
File

Federal
Trip Notification & Authorization

Prepared by: Doug Rumford Today's Date: 4/20/93

*Use Black Ink or Typewriter only-Staff to fill out first 2 blocks only.

Site Trip

Date of Trip: 4/27/93

If trip date changed or cancelled note below:
Trip Date Changed To: _____ Cancelled: ____

NCD#: 054 290 770 Site Name: Thomasville Furniture Industries
City: Lenoir County: Caldwell

Reason for Trip: SIP Site Recon (on-site)

Name of Hotel (Overnight Trip): N/A Hotel Telephone Number: ( ) ___ - _____

Authorized by: [signature]
Industrial Hygienist

Project Team Leader: Doug Rumford

Assistants: Pat DeRosa, Doug Moore, _____

Attach To Notification Form: 1 copy each:
Submit to the Industrial Hygienist

- Preliminary Assessment Form (First page only)
- Site Map
- PA Transmittal Letter

(Please list appropriate County Health Department contact person to call to advise of trip)
Environmental Supervisor or Health Director to call: Mr. Roger Hennessee Title: Env. Health Supervisor
(Note if Dr., M.P., etc.)
Telephone Number: (704) 757 - 1265

Notes: Health Department Official Contacted: Joyce Bryant
Back Up Letter Required: Yes ✓ No ____
Notified Ms. Bryant for Mr. Hennessee on 4-20-93 (DBL)

Note: Signed original to Data Manager

LATITUDE AND LONGITUDE CALCULATION WORKSHEET #2
LI USING ENGINEER'S SCALE (1/60)

SITE NAME: Thomasville Furniture Industries CERCLIS #: NCD 054 290 770

AKA: _____ SSID: _____

ADDRESS: 315 Elizabeth St., NW

CITY: Lenoir STATE: NC ZIP CODE: 28645

SITE REFERENCE POINT: northeast corner of polygonal complex of plant bldgs. (near former waste drum area)

USGS QUAD MAP NAME: Lenoir TOWNSHIP: ___ N/S RANGE: ___ E/W

SCALE: 1:24,000 MAP DATE: 1956 SECTION: ___ 1/4 ___ 1/4 ___ 1/4

MAP DATUM: (1927) 1983 (CIRCLE ONE) MERIDIAN: _____

COORDINATES FROM LOWER RIGHT (SOUTHEAST) CORNER OF 7.5' MAP (attach photocopy):

LONGITUDE: 81 ° 30 ' 00 " LATITUDE: 35 ° 52 ' 30 "

COORDINATES FROM LOWER RIGHT (SOUTHEAST) CORNER OF 2.5' GRID CELL:

LONGITUDE: 81 ° 30 ' 00 " LATITUDE: 35 ° 55 ' 00 "

CALCULATIONS: LATITUDE (7.5' QUADRANGLE MAP)

A) NUMBER OF RULER GRADUATIONS FROM LATITUDE GRID LINE TO SITE REF POINT: 178

B) MULTIPLY (A) BY 0.3304 TO CONVERT TO SECONDS:

A x 0.3304 = 58.8 "

C) EXPRESS IN MINUTES AND SECONDS (1'= 60"): 00 ' 58.8 "

D) ADD TO STARTING LATITUDE: ___ ° ___ ' ___ . ___ " + ___ ' ___ . ___ =

SITE LATITUDE: 35 ° 55 ' 59.0 "

CALCULATIONS: LONGITUDE (7.5' QUADRANGLE MAP)

A) NUMBER OF RULER GRADUATIONS FROM RIGHT LONGITUDE LINE TO SITE REF POINT: 429

B) MULTIPLY (A) BY 0.3304 TO CONVERT TO SECONDS:

A x 0.3304 = 141.7 "

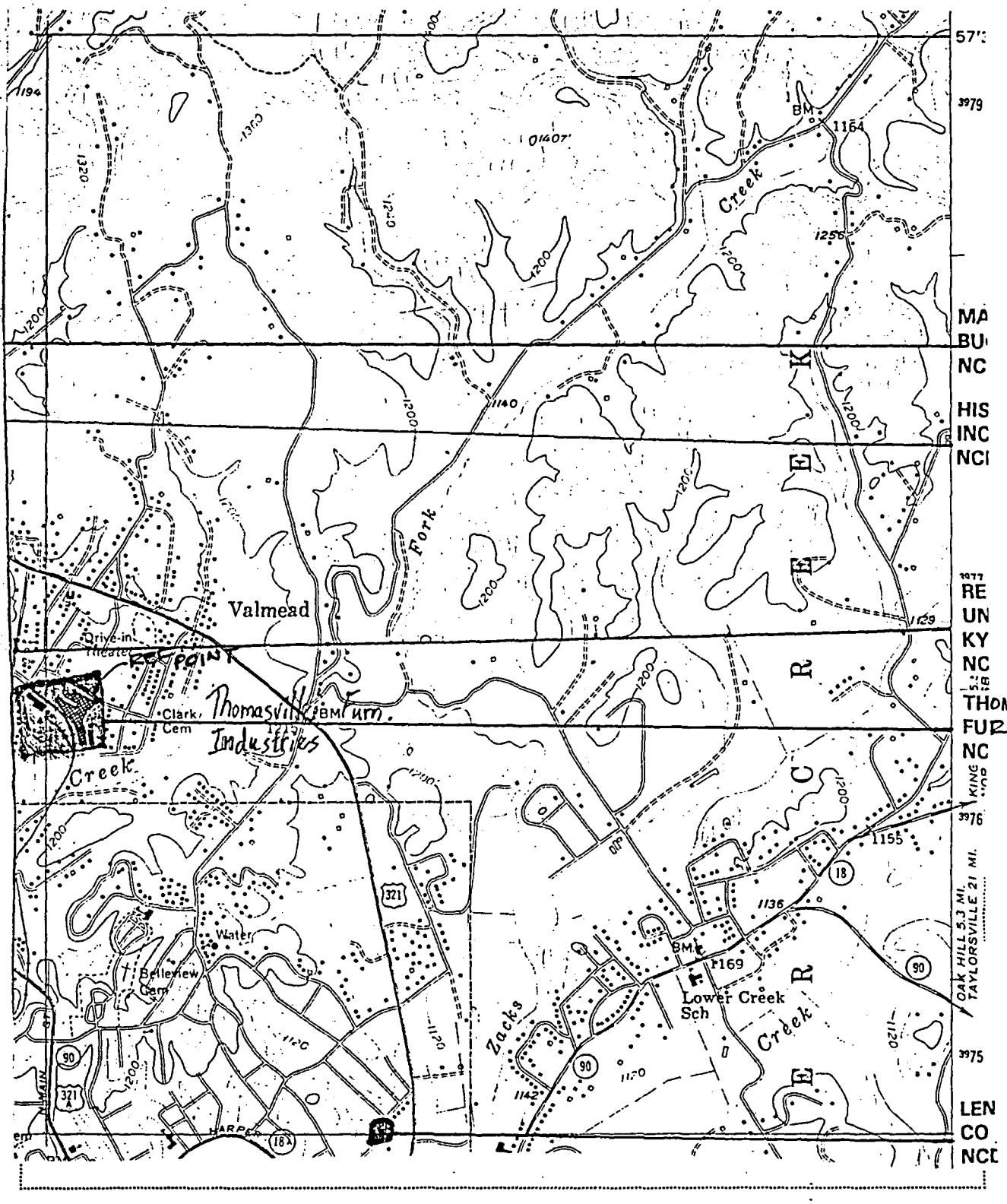
C) EXPRESS IN MINUTES AND SECONDS (1'= 60"): 02 ' 21.7 "

D) ADD TO STARTING LONGITUDE: 81 ° 30 ' 00.0 " + 02 ' 21.7 " =

SITE LONGITUDE: 81 ° 32 ' 21.7 "

INVESTIGATOR: Hal Bryson DATE: 5/5/92

SITE NAME: Thomasville Furniture Industries NUMBER: NCD 054 290 770



TOPOGRAPHIC MAP QUADRANGLE NAME: Lenoir SCALE: 1:24,000

COORDINATES OF LOWER RIGHT-HAND CORNER OF 2.5-MINUTE GRID:

LATITUDE: 35° 55' 00" LONGITUDE: 81° 30' 00"

MEMO

DATE: Aug 21, 1992

TO: File

SUBJECT: Thomasville, Lenoir

The following individuals were contacted today regarding the attached memo:

Dave Masters, TFI
Mike Kelly, DSWM
Doug Holyfield, Haz Waste Sect.
Roger Hennessee, Caldwell County Health Dept.
Don Follmer's office, DEHNR PIO
Keith Master's office, Haz Waste Sector AND

From: Pat DeRosia

North Carolina Department of Environment, Health, and Natural Resources

Printed on Recycled Paper

State of North Carolina
Department of Environment, Health, and Natural Resources
Division of Solid Waste Management
P.O. Box 27687 · Raleigh, North Carolina 27611-7687

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

William L. Meyer
Director

FAX TRANSMITTAL RECORD

DATE: Aug 21, 1992

FROM: _____, Solid Waste Management Division

_____, Solid Waste Section

_____, Hazardous Waste Section

Pat DeRosa, Superfund Section FAX# 704-757-1352

TO: Roger Hennessee, Caldwell County Health Dept

RE: Thomasville Landfill

Number of pages (including cover) 2

Confirm receipt of document(s):

_____	Division of Solid Waste Management	(919)733-4996
_____	Solid Waste Section	(919)733-0692
_____	Hazardous Waste Section	(919)733-2178
_____	Superfund Section	(919)733-2801

As per our telephone conversation today.

Post-It™ brand fax transmittal memo 7671 | # of pages ▸ 2

To Pat De Rosa	From Dave Masters
Co. Super-fund Section	Co. Thomasville Furn.
Dept.	Phone # (904) 754-4581
Fax # (919) 733-4811	Fax #

Lenoir, N.C. August 21 - -

During the week of August 24th, ENSCI Corporation, an environmental consulting firm hired by Thomasville Furniture Industries, will begin limited excavations of selected areas of the parking lot adjacent to the warehouse operation at the Thomasville plant in Lenoir. The purpose of the excavation is to determine the nature of waste materials buried beneath the parking area in the 1970s.

All work will be coordinated with the North Carolina Department of Environment, Health and Natural Resources for removal of waste from the site. Any waste that is found will be handled in accordance with applicable regulations.

Dave Masters, Manager of Safety, Health & Security Thomasville Furniture Industries, explained "While materials that we might expect to encounter are those that are commonly used in the furniture industry, the people who conduct this work are required by environmental regulations to wear specified types of safety equipment when they are involved in any type of excavation. This equipment may include supplied air breathing apparatus, chemical-resistant clothing, gloves and boots. Access to the parking area will be closed while ENSCI performs its work."

The excavation is not expected to pose any hazard to Thomasville employees or to people in the area surrounding our plant, he said.

State of North Carolina
Department of Environment, Health, and Natural Resources
Division of Solid Waste Management
P.O. Box 27687 · Raleigh, North Carolina 27611-7687

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

William L. Meyer
Director

FAX TRANSMITTAL RECORD

DATE: Aug 21, 1992

FROM: _____, Solid Waste Management Division

_____, Solid Waste Section

_____, Hazardous Waste Section

Pat DeRosa, Superfund Section

TO: Keith Masters FAX (704) 251-6452

RE: Thomasville Furniture in Lenoir

Number of pages (including cover) 4

Confirm receipt of document(s):

_____	Division of Solid Waste Management	(919)733-4996
_____	Solid Waste Section	(919)733-0692
_____	Hazardous Waste Section	(919)733-2178
_____	Superfund Section	(919)733-2801

Keith, TFI is doing this work on their own, not under an order. They may call you if they dig up any drums
I notified Roger Henderson
+ Don Follmer, + Doug Holsfield Pat.

Post-It™ brand fax transmittal memo 7671 | # of pages ▸ 2

To Pat DeRosa	From Dave Masters
Co. Super-fund Section	Co. Thomasville Furn.
Dept.	Phone # (704) 754-4581
Fax # (919) 733-4811	Fax #

Lenoir, N.C. August 21 - -

During the week of August 24th, ENSCI Corporation, an environmental consulting firm hired by Thomasville Furniture Industries, will begin limited excavations of selected areas of the parking lot adjacent to the warehouse operation at the Thomasville plant in Lenoir. The purpose of the excavation is to determine the nature of waste materials buried beneath the parking area in the 1970s.

All work will be coordinated with the North Carolina Department of Environment, Health and Natural Resources for removal of waste from the site. Any waste that is found will be handled in accordance with applicable regulations.

Dave Masters, Manager of Safety, Health & Security Thomasville Furniture Industries, explained "While materials that we might expect to encounter are those that are commonly used in the furniture industry, the people who conduct this work are required by environmental regulations to wear specified types of safety equipment when they are involved in any type of excavation. This equipment may include supplied air breathing apparatus, chemical-resistant clothing, gloves and boots. Access to the parking area will be closed while ENSCI performs its work."

The excavation is not expected to pose any hazard to Thomasville employees or to people in the area surrounding our plant, he said.

August 5, 1992

MEMORANDUM

TO: File

FROM: Pat DeRosa PD

RE: Thomasville Furniture Industries
NCD 054 290 770
Lenoir, Caldwell County

On August 3, 1992, Superfund Section representatives Pat DeRosa and Charlotte Jesneck, met with Thomasville Furniture Industries (TFI) representatives Howard Grubbs, Sherry Stookey, and David Masters regarding planned site assessment activities at the Lenoir plant. Mr. Grubbs is the attorney and contact person for the site and can be reached at (704) 721-3600. Mr. Grubbs briefly summarized the findings of the site assessment work which has been conducted by ENSCI Corporation at this site since December 1990. Copies of these reports have been provided to the Superfund Section and the Hazardous Waste Section.

Briefly, groundwater contamination with organic chemicals has been detected on site. During the course of drilling for on-site contamination, Thomasville discovered a buried drum on site beneath a paved parking lot southwest of the "old cotton mill" building. The drum was exhumed and in the process the top was punctured. The drum was not sampled but "smelled like solvent" and was manifested off site along with other solvent waste generated on site. Subsequently, soil gas and geophysical studies were done in this area and anomalies were detected. TFI is currently planning to investigate this area further in late August - early September. They plan to dig 3 trenches approximately 60 ft. long and 10 ft. deep to characterize these anomalies. If drums are found, they will be removed, staged sampled and overpacked as needed. Drums will be sampled for volatile and semi-volatile organics. In addition, we suggested they test for TCLP compounds and total metals for 11 hazardous substances. We also suggested that they sample and remove contaminated soil samples to show that removal was complete.

In discussion, Mr. Grubbs mentioned protecting against any shock hazards during trenching. I asked if they suspected any nitrocellulose lacquers to be buried on site which might pose a fire and explosion hazard. They were not sure and took note of my suggested precaution.

Mr. Grubbs indicated that TFI had been talking to community groups and had done active community outreach to keep the community informed of work they had done on site. He said that they had not been talking with Caldwell County Health Department. He also said that they were planning a press release before proceeding with the planned trenching and said they would send us an advance copy so we could contact the appropriate parties.

We informed TFI that their site was still being evaluated for further Federal Superfund action. Also, we briefly discussed their signing an AOC with the Inactive Sites Program after determining the results of the planned trenching and assessment activities. They will keep us informed.

cc: Robin Purcell, Hazardous Waste Section
Charlotte Jesneck

To: Pat De Rosa
From: Dave Masters
Subject: Lenoir Environmental News Release

Attached is a copy of a news release I will give to the Lenoir News Topic today concerning the work we will start next week.

If you have any questions or if you would like to discuss this further I can be reached at (704) 754-4581.

Thanks for your help in disseminating this information.

Post-it™ brand fax transmittal memo 7671	# of pages ▸ 2
To Pat DeRosa	From Dave Masters
Co. Super-fund Section	Co. Thomasville Furn.
Dept.	Phone # (919) 754-4581
Fax # (919) 733-4811	Fax #

Lenoir, N.C. August 21 - -

During the week of August 24th, ENSCI Corporation, an environmental consulting firm hired by Thomasville Furniture Industries, will begin limited excavations of selected areas of the parking lot adjacent to the warehouse operation at the Thomasville plant in Lenoir. The purpose of the excavation is to determine the nature of waste materials buried beneath the parking area in the 1970s.

All work will be coordinated with the North Carolina Department of Environment, Health and Natural Resources for removal of waste from the site. Any waste that is found will be handled in accordance with applicable regulations.

Dave Masters, Manager of Safety, Health & Security Thomasville Furniture Industries, explained "While materials that we might expect to encounter are those that are commonly used in the furniture industry, the people who conduct this work are required by environmental regulations to wear specified types of safety equipment when they are involved in any type of excavation. This equipment may include supplied air breathing apparatus, chemical-resistant clothing, gloves and boots. Access to the parking area will be closed while ENSCI performs its work."

The excavation is not expected to pose any hazard to Thomasville employees or to people in the area surrounding our plant, he said.

Mike,
I will notify Keith Masters,
Health Dept. &
Don Follmer.

Pat

MEMO

DATE: 8/5/92

TO: Thomasville Furniture
NCD054290770

SUBJECT: Facility contacts

Thomasville

Sherry D. Stookey
Manager, Environmental Affairs

Thomasville Furniture Industries, Inc.
P.O. Box 339, Thomasville, NC 27361 919·476·2264

Thomasville

David R. Masters
Manager, Safety, Health and Security

Thomasville Furniture Industries, Inc.
P.O. Box 339, Thomasville, N.C. 27361 919·476·2108

From: Pat DeRosa

North Carolina Department of Environment, Health, and Natural Resources

Printed on Recycled Paper

Site Name: Thomasville Furniture
Site Number: NCD 054 290 770

Site Location: Lenior, N.C.
Caldwell County
Latitude: 35 55 59.0
Longitude: 81 32 21.7

Date: July 06, 1992

Calculation Results

Distance from Site Location	Population Per Ring	Population Cumulative	Number of Households Per Ring	Number of Households Cumulative
0 to 1/4 mile	218	218	87	87
>1/4 to 1/2 mile	706	924	282	369
>1/2 to 1 mile	2,288	3,212	1,024	1,393
>1 to 2 miles	6,966	10,178	2,958	4,351
>2 to 3 miles	4,093	14,271	1,672	6,023
>3 to 4 miles	5,736	20,007	2,398	8,421

Note: The populations and number of households within specified target distance rings were calculated for the NC Superfund Section by the NC State Center for Geographic Information and Analysis using the 1990 US Census data. These values were calculated by summing the population and the number of households data for each census block located within each target ring. For census blocks lying only partially within the ring, the per cent area of the block within the ring was multiplied by the population and household densities of the block.

WOMBLE CARLYLE SANDRIDGE & R

1600 ONE TRIAD PARK
AND
2400 WACHOVIA BUILDING
WINSTON-SALEM, NORTH CAROLINA 27101

CHARLOTTE OFFICE
3300 ONE FIRST UNION CENTER
301 SOUTH COLLEGE STREET
CHARLOTTE, NORTH CAROLINA 28202-6025
TELEPHONE (704) 331-4900
TELECOPY (704) 331-4955

MAILING ADDRESS
POST OFFICE DRAWER 84
WINSTON-SALEM, NORTH CAROLINA 27102
TELEPHONE (919) 721-3600
OTP TELECOPY (919) 721-3660
WACHOVIA TELECOPY (919) 721-3599
TELEX 806498

RALEIGH OFFICE
800 WACHOVIA BUILDING
POST OFFICE BOX 831
RALEIGH, NORTH CAROLINA 27602
TELEPHONE (919) 755-2100
TELECOPY (919) 755-2150
TELEX 806498

R. HOWARD GRUBBS
(919) 721-3537

June 28, 1991

RECEIVED
JUL 02 1991
SUPERFUND SECTION

North Carolina Department of Environment,
Health and Natural Resources
Division of Environmental Management
512 North Salisbury Street
Raleigh, NC 27611

Re: Thomasville Furniture Industries, Inc.
USEPA I.D. No. NCD054290770;
N.C. Superfund I.D. No. SIS140100527

Gentlemen:

This letter supplements my letter to you of January 2, 1991, which provided notification (with copies to other appropriate agencies) that on December 27, 1990, Thomasville Furniture Industries, Inc. (TFI), while doing excavation at its Lenoir facility parking lot, discovered a drum thought to contain a solvent material. At that time, we informed you that TFI was continuing with its investigation at this site. Recently, we have received a finalized Phase I report concerning this matter, and we are enclosing a copy for your file.

By copy of this letter, I am providing copies of these reports to Lee Crosby of the State Superfund Section and Keith Masters at the Mooresville Regional Office. Should anyone have any questions or wish to arrange a site visit, please contact me.

Very truly yours,

R. Howard Grubbs

RHG:cho

Enclosure
cc: Ms. Lee Crosby (w/encl)
Keith Masters (w/encl)
Sherry Stookey (w/encl)

CALDWELL COUNTY

616 West Ave., N.W./P.O. Box 2200
Lenoir, North Carolina 28645-2200
Telephone (704) 757-1277

Fire Marshal *Emergency Management*

FAX NUMBER SENDING TO: 919-733-4811

TO: Doug RunFord

FROM: Mike Lane

SUBJECT: Thomasville Furniture

NUMBER OF PAGES: 2 (including cover sheet)

DATE: 11-18-93

IF YOU HAVE ANY PROBLEMS WITH THE FAX TRANSMITTAL PLEASE CALL: 704-757-1353

COMMENTS: This is a map of the Reliance AKZO Thomasville Furniture Area, with approximate locations of well sample locations. All samples were clean with no contamination. The majority of residents in this area are on municipal water supplies Those residents on wells did not want them sampled because they were afraid the wells would be condemned. If you need anything else please call

M. Lane

☆ = sampling locations (residential wells)
all samples were clean and showed no organic contaminants

TODAY'S DATE 10-19-87

Prepared by: D. Mark Durway (Staff member filling out form)

SITE TRIPS

TO: Lois Walker (Must receive 10 days before trip)

Site Investigation, Site Visit, or SI Follow-Up
Hardcopy

SITE NAME: Thomasville Furniture Industries
NCD# NC D054290770

CITY: Lenoir COUNTY: Caldwell

Hotel: ~~Econo-Lodge~~ Day's Inn Telephone Number (704) ~~758-0731~~ 873-5252
I-40 and US 21 ~~206 Blowing Rock Blvd.~~ Statesville, NC
HEALTH DIRECTOR'S NAME Dr. Marjorie Strawn Telephone Number (704) 758-8451

DATE OF TRIP: 10/28-29/87

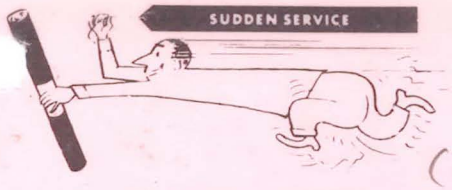
X	SSI	Site Investigation
0	Visit	Site Visit (no enclosure needed)
0	SIF	Site Investigation Follow-up

Team Leader: Pat DeRosa
Assistants: Mark Durway

Notification Procedure:
1. Above form goes to Lois 10 days prior to trip
2. Lois informs Lee Crosby in order for her to call Health Director
3. Standard letter of notification is prepared by Lois and mailed to:
   Steve Reid (with PA and transmittal letter)
   Area Field Supervisor
   Health Director if requested

ENCLOSURE: PRELIMINARY ASSESSMENT FORM (1st page only)
TRANSMITTAL LETTER TO EPA

0102b



COST RECOVERY
THOMASVILLE FURN
LENOIR, NC
(NC D054290770)

RALEIGH BLUE PRINTERS

Blue Line Prints, Intermediates, Engineering Supplies
Maps (*Agents for U.S.G.S. Maps and Nautical Charts*)

313 W. Martin Street ● Raleigh, North Carolina 27601 ● (919) 832-2841

CUSTOMER CIRCLA DATE 11/12

ADDRESS UNIT
N.C. HEALTH SER.

1	Quad Kings Ck		
	ATT LOIS WALKER		
	733 2801		
	D. Mark Durway		

DELIVER ☐	SUB. TOTAL	300
PICK UP ☐	SALES TAX	15
MAIL ☐	TRANS.	
TRACING RETURNED ☐ 7771	TOTAL	315

DELIVERY

November 2, 1987

TO: Lee Crosby

FROM: Mark Durway MD

RE: Thomasville Furniture Site Screening Inspection, Lenoir, Caldwell County

On 10-28-87 a NC CERCLA site screening inspection was conducted at Thomasville Furniture Industries (NCD054290770) in Lenoir, NC. Present for the inspection were:

Mark Durway, NC CERCLA
Pat DeRosa, NC CERCLA
Grover Nicholson, NC CERCLA
Tom Gibson, Thomasville Furniture
Sherry Stookey, Thomasville Furniture
Ted White, Radian Corporation (sampling for Thomasville Furniture)

Solidified formaldehyde-based and poly-vinyl acetate-based glues are alleged to have been buried on-site; however, the burial area(s) could not be located during the inspection. Surface water and surface soil samples were collected during the inspection. Although the Thomasville Furniture site did not appear to pose a public health or environmental threat, a strong chemical odor was detected at Blair Fork Creek. Thomasville Furniture representatives suggested that Reliance Universal (NCD053009510) could be the source of the chemical odor.

MD/ds/ibm.7

SUMMARY OF WORK
October 19-30, 1987

On October 28, 1987, site investigation was conducted at Thomasville Furniture Industries in Lenoir, Caldwell County. Solidified formaldehyde-based and poly-vinyl acetate-based glues are alleged to have been buried on site; however, the burial area(s) could not be located during the investigation. Although the Thomasville Furniture site did not appear to pose a public health or environmental threat, a strong chemical odor was detected at Blair Fork Creek. Thomasville Furniture representatives suggest that Reliance Universal could be the source of the chemical odor.

On October 29, 1987, representatives of the CERCLA Unit conducted a site investigation at Warlick Paint Company in Statesville, Iredell County. Between approximately 1979 and 1981, the company operated a 10-feet diameter, 3-feet deep pit where latex paint washwater was placed. In 1982, the contents of the pit were removed and the area regraded. Soil samples were taken to determine if the removal had been complete and to test the soil in another area that was once used to store waste solvents. The company is located within the city limits of Statesville and is hooked to city water. No water wells were located in the vicinity of the site.

FROM: Mark Durway
RE: Thomasville Furniture Site Screening Inspection, Lenoir, Caldwell County.

On 10-28-87 a NC CERCLA site screening inspection was conducted at Thomasville Furniture Industries (NC D054290770) in Lenoir, NC. Present for the inspection were:

omit for weekly report →

Mark Durway, NC CERCLA
Pat DeRosa, "
Grover Nicholson, "
Tom Gibson, Thomasville Furniture
Sheiny Stookey, Thomasville Furniture)
Ted White, Radian Corporation (sampling for Thomasville Furniture)

Solidified formaldehyde-based and poly-vinyl acetate-based glues are alleged to have been buried on-site; however, the burial area(s) could not be located during the inspection. Surface water and surface soil samples were collected during the inspection. Although the Thomasville Furniture site did not appear to pose a public health or environmental threat, a ~~[illegible]~~ strong ~~[illegible]~~ chemical odor was detected at Blair Fork Creek. Thomasville Furniture representatives suggested that Reliance Universal (NC D053009510) could be the source of the chemical odor.

Population

< 1 mile

house count: 128 homes (1.44)(3.8) = 700 people

Community: 44 people

non community: 215 people

959 people

1-2 miles

house count: 205 homes (1.44)(3.8) = 1122 people

Community: 781 people

non community: 55 people

1958 people

2-3 miles

house count: 472 homes (1.44)(3.8) = ~~3612 people~~ 2583

community: 469 people

non community: 90 people

~~4171 people~~ 3142 people

total people within 3 miles: 6059

3-4 miles

house count: 660 homes (1.44)(3.8) = 3612 people

Community

non community

3612 people

total number of people potentially using well water within 4 miles of site = 6059 + 3612 = 9671 people

CALDWELL COUNTY
POST OFFICE BOX 1078
LENOIR, NORTH CAROLINA 28645

L. NORMAN SHRONCE
COUNTY MANAGER

tel 704/758-8451

December 9, 1987

Mr. Jack Butler
N.C. Division of Health Services
Solid and Hazardous Waste Management Branch
CERCLA Unit
P.O. Box 2091
Raleigh, N. C. 27602

Dear Mr. Butler:

Enclosed is the map of the Caldwell County Water System, showing water lines on the east and southeast sides of Lenoir within a five mile radius.

If more information is needed, please advise.

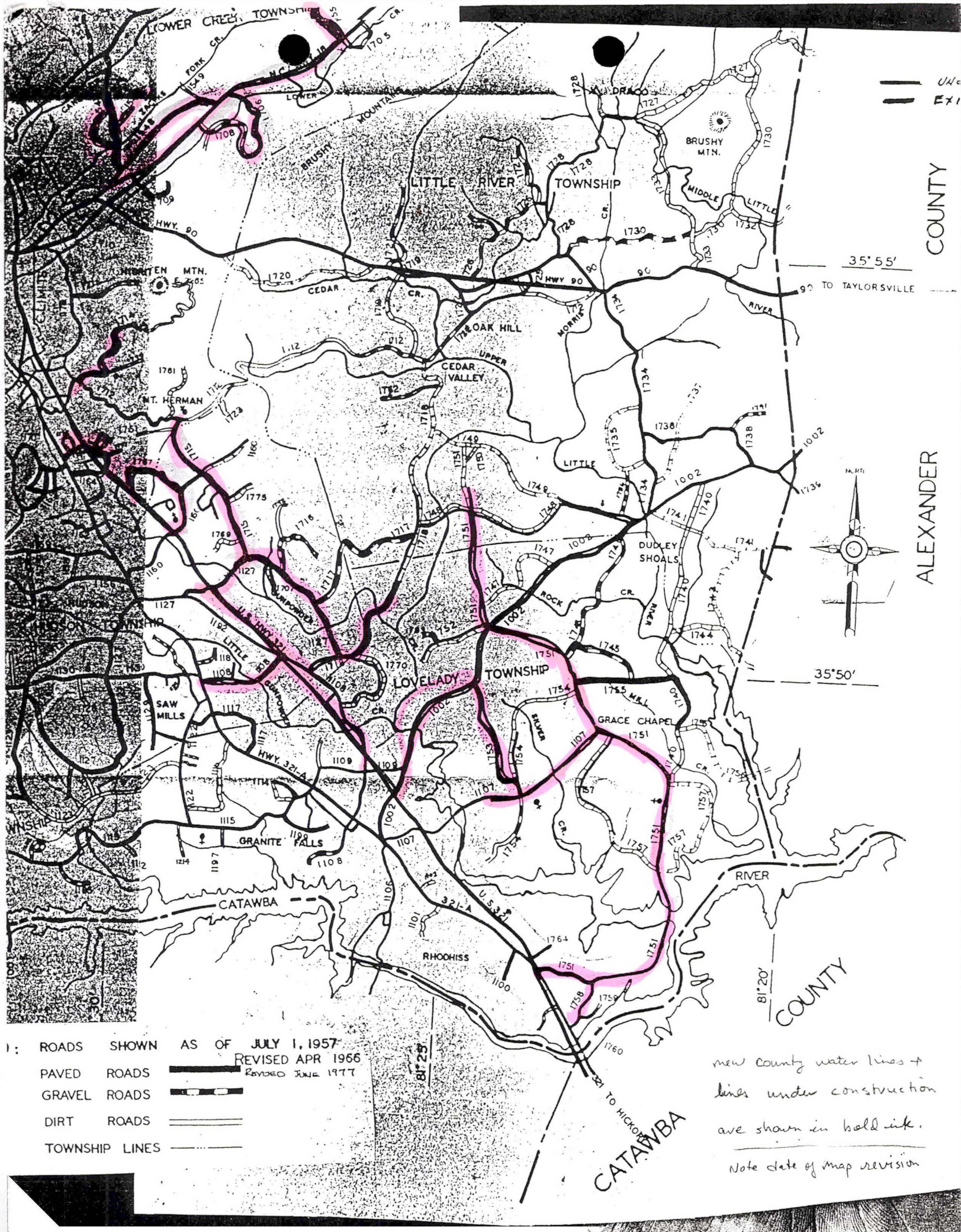
Very truly yours,

Charles W. Poovey mt Margaret

Charles W. Poovey, Director
Caldwell County Water Department

CWP:mt

Enclosure



1: ROADS SHOWN AS OF JULY 1, 1957
REVISED APR 1966
REVISED JUNE 1977

PAVED ROADS
GRAVEL ROADS
DIRT ROADS
TOWNSHIP LINES

new county water lines + lines under construction are shown in bold ink.

Note date of map revision

CITY MANAGER
JAMES H. HIPP

CITY OF LENOIR
NORTH CAROLINA

MAYOR
ROBERT A. GIBBONS

CITY COUNCIL
D.E. ANDERSON
G.L. BERNHARDT
J.S. GREENE
L. HORTON, JR.
M.A. MANSHIP
M.O. STRAWN
J.T. WATSON

December 7, 1987

Mr. Jack Butler
NC Division of Health Services
Solid and Hazard Waste Management Branch
Cerola Unit
P. O. 2091
Raleigh, North Carolina 27602

Dear Mr. Butler:

Enclosed is the water distribution map you requested by phone, Monday, December 7, 1987.

If you have any questions please contact me.

Sincerely,

CITY OF Lenoir

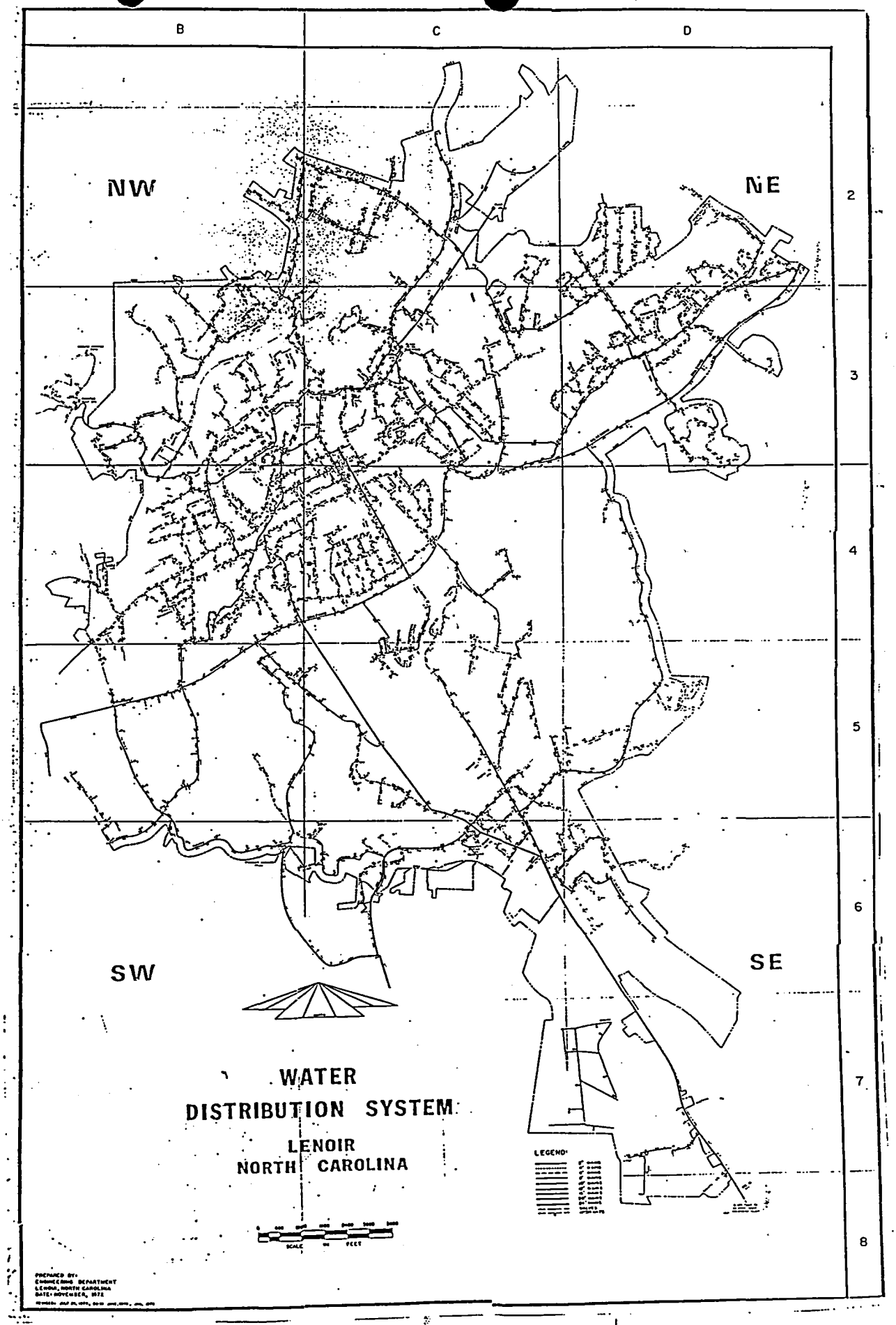
Regonald Bryant (jg)

Regonald Bryant
Water and Sewer Distribution Superintendent

RB/jg

Enclosure

POST OFFICE BOX 958 • LENOIR, NORTH CAROLINA 28645-0958 • (704) 758-0011


B
C
D
2
3
4
5
6
7
8
NW
NE
SW
SE
WATER
DISTRIBUTION SYSTEM
LENOIR
NORTH CAROLINA
LEGEND:
SCALE
FEET
PREPARED BY:
ENGINEERING DEPARTMENT
LENOIR, NORTH CAROLINA
DATE: NOVEMBER, 1972

boundries for 3 mile rad:
lat: 35° 53' 22" to 35° 59' 40"
long: 81° 35' 43" to 81° 29' 14"

House count

<1 128 homes (1.44)(3.8) = 700 people

1-2 205 homes (1.44)(3.8) = 1122 people

2-3 472 homes (1.44)(3.8) = ~~941 people~~ 2583 people

3059 (1.44) = 4405 + 1696 = ~~6101~~ 6059

3-4 400 + 220 660 homes (1.44)(3.8) = 3612 people

1465 homes

~~5415~~ 5567 people (1.44) = ~~7798~~ 8017

(from ref 14) 4187

1960 pop vs. ~~1980~~ 1987

(104 people / sq mile) (471 sq. mile) = then 48984 people

now 70,571

total - 8029

C. Department of Human Resources
vision of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Healt
P. O. Box 2804
306 N. Wilmington Stree
Raleigh, 2761

ite Number 14 D054290770 Field Sample Number 3580

ame of Site THOMASVILLE FURN--INDS Site Location Lenoir, Caldwell Co.

ollected By D. MARK DURWAY ID# 35 Date Collected 10/28/87 Time 1715

ype of Sample:

Environmental	Concentrate	Comments
___ Groundwater (1)	___ Solid (5)	#5 site stream
X Surface Water (2)	___ Liquid (6)	
___ Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	CERCLA

RECEIVED NOV 17 1987 HAZARDOUS WASTE MANAGEMENT BRANCH

RECEIVED NOV 16 1987 HAZARDOUS WASTE MANAGEMENT BRANCH

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
___ Arsenic		X Arsenic	<0.01	X Silver	<0.05
___ Barium		X Barium	<0.1	___ Sulfates	
___ Cadmium		X Cadmium	<0.005	___ Zinc	
___ Chromium		___ Chloride		___ Ph	
___ Lead		X Chromium	<0.01	___ Conductivity	
___ Mercury		___ Copper		___ TDS	
___ Selenium		___ Fluoride		___ TOC	
___ Silver		___ Iron			
		X Lead	<0.03		
		___ Manganese			
		X Mercury	<0.0002		
		___ Nitrate			
		X Selenium	<0.005		

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
___ P&T:GC/MS		___ EDB		___ Methoxychlor	
___ Acid:B/N Ext.		___ PCB's		___ Toxaphene	
___ TOX		___ Petroleum		___ 2,4-D	
		___ Endrin		___ 2,4,5-TP (silvex)	
		___ Lindane			

MICROBIOLOGY

Parameter
___ (MF) Coliform Colonies/100mls
___ (MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
___ Gross Alpha	
___ Gross Beta	

Date Received ___ Date Reported 11/12/87

Date Extracted ___ Date Analyzed ___

Reported By ___ Lab Number 020713 NOV 387

C. Department of Human Resources
vision of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Hea
P. O. Box 2804
306 N. Wilmington Stree
Raleigh, 2761

te Number 14 D054290770 Field Sample Number 3582

ame of Site THOMASVILLE FURN--INDS Site Location Lenoir, Caldwell Co.

ollected By D. MARK DURWAY ID# 35 Date Collected 10/28/87 Time 1730

ype of Sample:

Environmental	Concentrate	Comments
___ Groundwater (1)	___ Solid (5)	#6
X Surface Water (2)	___ Liquid (6)	UG Blair Fork Lk.
___ Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

RECEIVED NOV 17 1987 HAZARDOUS WASTE MANAGEMENT BRANCH CERCLA

RECEIVED NOV 16 1987 HAZARDOUS WASTE MANAGEMENT BRANCH

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
___ Arsenic		X Arsenic	<0.01	X Silver	<0.05
___ Barium		X Barium	<0.1	___ Sulfates	
___ Cadmium		X Cadmium	<0.005	___ Zinc	
___ Chromium		___ Chloride		___ Ph	
___ Lead		X Chromium	<0.01	___ Conductivity	
___ Mercury		___ Copper		___ TDS	
___ Selenium		___ Fluoride		___ TOC	
___ Silver		___ Iron			
		X Lead	<0.03		
		___ Manganese			
		X Mercury	<0.0002		
		___ Nitrate			
		X Selenium	<0.005		

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
___ P&T:GC/MS		___ EDB		___ Methoxychlor	
___ Acid:B/N Ext.		___ PCB's		___ Toxaphene	
___ TOX		___ Petroleum		___ 2,4-D	
		___ Endrin		___ 2,4,5-TP (silvex)	
		___ Lindane			

MICROBIOLOGY

Parameter
___ (MF) Coliform Colonies/100mls
___ (MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
___ Gross Alpha	
___ Gross Beta	

Date Received ___ Date Reported 11/12/87

Date Extracted ___ Date Analyzed ___

Reported By ___ Lab Number 020914 NOV 387

C. Department of Human Resources
vision of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Health
P. O. Box 28047
306 N. Wilmington Street
Raleigh, 27611

ite Number 14 D054290770 Field Sample Number 3584

ame of Site THOMASVILLE FURN--INDS Site Location Lenoir, Caldwell Co.

ollected By D. MARK DURWAY ID# 35 Date Collected 10/28/87 Time 1745

ype of Sample:

Environmental	Concentrate	Comments
___ Groundwater (1)	___ Solid (5)	#7
X Surface Water (2)	___ Liquid (6)	DG: Blair Fork Ck
___ Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

RECEIVED NOV 17 1987 HAZARDOUS WASTE MANAGEMENT BRANCH CERCLA

RECEIVED NOV. 16 1987 HAZARDOUS WASTE MANAGEMENT BRANCH

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
___ Arsenic		X Arsenic	<0.01	X Silver	<0.05
___ Barium		X Barium	<0.1	___ Sulfates	
___ Cadmium		X Cadmium	<0.005	___ Zinc	
___ Chromium		___ Chloride		___ Ph	
___ Lead		X Chromium	<0.01	___ Conductivity	
___ Mercury		___ Copper		___ TDS	
___ Selenium		___ Fluoride		___ TOC	
___ Silver		___ Iron			
		X Lead	<0.03		
		___ Manganese			
		X Mercury	<0.0002		
		___ Nitrate			
		X Selenium	<0.005		

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
___ P&T:GC/MS		___ EDB		___ Methoxychlor	
___ Acid:B/N Ext.		___ PCB's		___ Toxaphene	
___ TOX		___ Petroleum		___ 2,4-D	
		___ Endrin		___ 2,4,5-TP (silvex)	
		___ Lindane			

MICROBIOLOGY

Parameter
___ (MF) Coliform Colonies/100mls
___ (MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
___ Gross Alpha	
___ Gross Beta	

Date Received ___ Date Reported 11/12/87

Date Extracted ___ Date Analyzed ___

Reported By ___ Lab Number 020915 NOV 387

C. Department of Human Resources
vision of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Health
P. O. Box 28047
306 N. Wilmington Street
Raleigh, 27611

ite Number 14 D054290770 Field Sample Number 3574

ame of Site THOMASVILLE FURN-INDS Site Location Lenoir, Caldwell Co.

ollected By D. MARK DURWAY ID# 35 Date Collected 10/28/87 Time 1600

ype of Sample:

Environmental	Concentrate	Comments
___ Groundwater (1)	___ Solid (5)	site stream (UG) - Background
X Surface Water (2)	___ Liquid (6)	N of Valmeade St.
___ Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

RECEIVED NOV 17 1987 HAZARDOUS WASTE MANAGEMENT BRANCH

RECEIVED NOV 25 1987 HAZARDOUS WASTE MANAGEMENT

INORGANIC CHEMISTRY

Extractables Parameter	Results mg/1	Total Parameter	Results mg/1	Parameter	Results mg/1
___ Arsenic		X Arsenic	<0.01	X Silver	<0.05
___ Barium		X Barium	<0.1	___ Sulfates	
___ Cadmium		X Cadmium	<0.005	___ Zinc	
___ Chromium		___ Chloride		___ Ph	
___ Lead		X Chromium	<0.01	___ Conductivity	
___ Mercury		___ Copper		___ TDS	
___ Selenium		___ Fluoride		___ TOC	
___ Silver		___ Iron			
		X Lead	<0.03		
		___ Manganese			
		X Mercury	<0.0002		
		___ Nitrate			
		X Selenium	<0.005		

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
___ P&T:GC/MS		___ EDB		___ Methoxychlor	
___ Acid:B/N Ext.		___ PCB's		___ Toxaphene	
___ TOX		___ Petroleum		___ 2,4-D	
		___ Endrin		___ 2,4,5-TP (silvex)	
		___ Lindane			

MICROBIOLOGY

Parameter
___ (MF) Coliform Colonies/100mls
___ (MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
___ Gross Alpha	
___ Gross Beta	

Date Received ___ Date Reported 11/12/87

Date Extracted ___ Date Analyzed ___

Reported By ___ Lab Number 020911 NOV 387

C. Department of Human Resources
vision of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Health
P. O. Box 28047
306 N. Wilmington Stree
Raleigh, 27611

ite Number 14 D054290770 Field Sample Number 3578

ame of Site THOMASVILLE FURN--INDS Site Location Lenoir, Caldwell Co.

ollected By D. MARK DURHAM ID# 35 Date Collected 10/28/87 Time 1650

ype of Sample:

Environmental	Concentrate	Comments
___ Groundwater (1)	___ Solid (5)	site stream (DG) below
X Surface Water (2)	___ Liquid (6)	solvent storage area (stream
___ Soil (3)	___ Sludge (7)	is ~~[illegible]~~ diverted ~~[illegible]~~
___ Other (4)	___ Other (8)	concrete trench)

RECEIVED NOV 17 1987 HAZARDOUS WASTE MANAGEMENT BRANCH CERCLA #4

NOV 10 1987

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
___ Arsenic		X Arsenic	<0.01	X Silver	<0.005
___ Barium		X Barium	<0.1	___ Sulfates	
___ Cadmium		X Cadmium	<0.005	___ Zinc	
___ Chromium		___ Chloride		___ Ph	
___ Lead		X Chromium	<0.01	___ Conductivity	
___ Mercury		___ Copper		___ TDS	
___ Selenium		___ Fluoride		___ TOC	
___ Silver		___ Iron			
		X Lead	<0.03		
		___ Manganese			
		X Mercury	<0.0002		
		___ Nitrate			
		X Selenium	<0.005		

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
___ P&T:GC/MS		___ EDB		___ Methoxychlor	
___ Acid:B/N Ext.		___ PCB's		___ Toxaphene	
___ TOX		___ Petroleum		___ 2,4-D	
		___ Endrin		___ 2,4,5-TP (silvex)	
		___ Lindane			

MICROBIOLOGY

Parameter
___ (MF) Coliform Colonies/100mls
___ (MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
___ Gross Alpha	
___ Gross Beta	

Date Received ___ Date Reported 11/12/87

Date Extracted ___ Date Analyzed ___

Reported By ___ Lab Number 020712 NOV 387

December 21, 1988

TO: File

FROM: David Lilley

RE: Formaldehyde-based glue spill

Sherry Stookey called on December 21, 1988 regarding the formaldehyde-based glue spill cleanup. She informed me that approximately 50 gallons of the glue was spilled down a storm drain that lead directly to the on-site tributary. Bales of straw were placed in the tributary downstream from the spill. The straw, along with all the solid material that was removed from the water surface, was disposed of in a sanitary landfill.

DL/ds/david.3.3.1

2 December 1988

TO: File

FROM: David Lilley

RE: Critical Habitats of Federally Listed Endangered Species in North Carolina

Today I contacted John Fridell, US Fish and Wildlife Service (704) 259-0321 to request an update on critical habitats in the Lenoir area of North Carolina. Mr. Fridell informed me that two plants, the Spreading Avens (Geum Radiatum) and Bent Avens (Geum Geninculatum) are now undergoing status review; they are candidates for the endangered species list.

DL/ds/ibm.3

December 2, 1988

TO: File

FROM: David Lilley

RE: Land and water use around Thomasville Furniture Industries

I contacted Mr. Bill Forbes, Caldwell County Manager, (704) 757-1111 to discuss land and water usage around the Thomasville Furniture Industries site (NCD054290770). He informed me that the area around the site was largely industrial, with some commercial properties, and one or two homes within a quarter mile of the site.

On December 5, Ms. Vicki Sawyer from Caldwell County called to tell me neither she nor Bill Forbes knew the classification of Blair's Fork and Spainhour Creeks. In Mr. Forbes opinion, neither of the creeks should be used for swimming or fishing, however, he was not sure if such activities are taking place.

DL/ds/thomas.39

10 August 1987

TO: File

FROM: D. Mark Durway DMD.

RE: Ground water and surface water use in the vicinity of Thomasville Furniture Industries (NC D054290770) in Lenoir, Caldwell Co., NC

The town of Lenoir has a population of 14,070 persons, the majority of which use water supplied by the Caldwell County Water System. The county water system gets its water from Lake Rhodhiss, which is located about fifteen miles south of Lenoir. According to Jake Harrison of the Lenoir Water Treatment Plant, water from the county system is available to all Caldwell County residents; however, many persons rely on private wells, instead. The telephone number for the Lenoir Water Treatment Plant is (704) 396-1006.

Based on printouts from the NC Public Water Supply Branch, Raleigh, NC, there are approximately 1294 persons using community and non-community wells for water supply within three miles of Thomasville Furniture Industries. It is likely that there are others within three miles of the site which get their water supply from private wells.

	latitude	longitude
1	35° 55' 02" to 35° 57' 00"	81° 33' 33" to 81° 31' 24"
2	35° 54' 12" to 35° 57' 50"	81° 34' 38" to 81° 30' 19"
3	35° 53' 22" to 35° 58' 40"	81° 35' 43" to 81° 29' 14"
4	35° 52' 32" to 35° 59' 30"	81° 36' 48" to 81° 28' 09"

1. look at copies of comp-prints & figure comm, non comm, & use house count for Σ of well users for <1, 1-2, 2-3, 3-4 miles

	<1 mile		1-2		2-3		3-4	
	Comm	noncomm	Com	noncom	Com	noncomm	Com	noncom
from computer printout	44	215	781	55	469	90	—	—
~~house count~~	~~[illegible]~~		~~279~~		~~[illegible]~~			
	~~[illegible]~~		~~[illegible]~~		~~[illegible]~~			
					2583			
house count	700		1122		~~[illegible]~~		3612	

total - 8029

SITE SAFETY PLAN

A. GENERAL INFORMATION

Site Name Thomasville Furniture Industries EPA ID # NCD 054290770
Location Blowing Rock Highway Date
Lenoir NC

Purpose of Visit ___ PA X SI ___ Other

Proposed Date of Inspection 10-28-87

Date of Briefing 10-27-87

Priority Ranking X Low ___ Medium ___ High

Site Investigation Team

Personnel	Responsibilities
Pat Derosa	Team Leader, Sampling
Mark Durway	sampling
Grover Nicholson	sampling

PLAN PREPARATION:
Prepared By Mary Gegnere CIH
Reviewed By Lee CROSBY

B. SITE/WASTE CHARACTERISTICS

Waste Type(s) X Liquid ___ Solid X Sludge ___ Gas

Characteristics ___ Corrosive ___ Ignitable ___ Radioactive
X Volatile X Toxic ___ Reactive ___ Other

List Known or Suspected Hazards (physical,chemical biological or radioactive) on Site and their toxicological effects. Also, if known, list chemical amounts

HAZARD	EFFECT(S)
fuel oil	no TLV Toluene TLV-100 ppm
VM & P Naphtha	TLV-300 ppm Butyl Acetate TLV-150-200 ppm
Stoddard Solvent (Varsol)	TLV-100 ppm
Formaldehyde	TLV-1 ppm
Acetone	TLV-750 ppm
Methyl Isobutyl Ketone	TLV-50 ppm
Methyl Ethyl ketone	TLV-200 ppm
Xylene	TLV-100 m

EPA ID # NCD054290770

Facility Description: Size 30 acres Buildings 3 or 4

Disposal Methods Being Investigated surface spillage, trench disposal

Unusual Features on Site (dike integrity, power lines, terrain etc.):
None known

History of the Site: The site has been used by different companies since the early 1900's as a furniture manufacturing facility. Thomasville furniture operated an incinerator until 1973. From 1975-79 scrapings from filler and lacquer booths and solidfied polyvinyl acetate and solidfied formaldehyde based glues were disposed of on-site in trenches. The facility has underground storage tanks for fuel oil, naphtha and varsol.

C. HAZARD EVALUATION

Sampling is to consist of surface soil, subsurface soil, and possibly water samples. This is an active facility that uses non-hologenated solvents. There should be no inhalation hazard present when touring and conducting surface soil sampling. When doing auger sampling tyveks will be worn and the HNU used for surveillance. If an HNU reading is greater than 50 ppm, respirators with organic vapor cartridge will be worn. If levels of greater than 100 ppm are encountered, the site will be vacated. Boots will be worn on site.

D. WORK PLAN INSTRUCTION

Map or Sketch Attached? NO
Perimeter Identified? Yes-fenced in
Command Post Identified? NO
Zones of Contamination Identified? NO

Personal Protective Equipment

Level of Protection ___A ___B ___C X D-with upgrade to Level C possible

Modifications Goggles and gloves will be worn when preparing and collecting acid preserved samples.

EPA ID # NCD 054290770

Surveillance Equipment:

x	H Nu		Detector Tubes and Pumps
	Explosimeter		O2 Meter
	TLD		(Radiation Monitor)

Decontamination Procedures

	Level A	Segregated equipment drop, boot cover and glove wash, boot cover and glove rinse, tape removal, suit and hard hat removal, SCBA backpack removal, inner glove wash, inner glove removal, inner clothing removal, field wash, redress
	Level B	Segregated equipment drop, boot cover and glove wash,boot cover and glove rinse, tape removal. boot cover removal outer glove removal, suit/safety removal, SCBA backpack removal, inner glove wash, inner glove rinse, facepiece removal, inner glove removal, inner clothing removal, field wash, redress.
x	Level C	Respirator wash, respirator removal, suit wash (if needed), suit removal, boot wash, boot removal and glove removal.
X	Level D	Boot wash and rinse and boot removal.

Modifications Dispose of trash properly

Work Schedule/ Limitations Samples to be taken: surface soil and possibly surface water and/or private drinking water wells.

EMERGENCY PRECAUTIONS

Route of Exposure	First Aid
eyes	irrigate immediately
skin	soap and water wash promptly
inhalation	fresh air and artificial respiration
ingestion	prompt medical attention

EPA ID # NCD 054290770

Hospital (Address and Phone Number)
Caldwell Memorial Hospital

Emergency Transportation Systems (Phone Numbers)
Fire Use 911

Ambulance Use 911

Rescue Squad Use 911

Emergency Route to Hospital Take Main St. South; take a left onto Harper Ave. and the first right onto Mulberry St. Hospital will be on your left.

PREVAILING WEATHER CONDITIONS AND FORECAST Partly cloudy, breezy and cool; high in the upper 50's

EQUIPMENT CHECKLIST

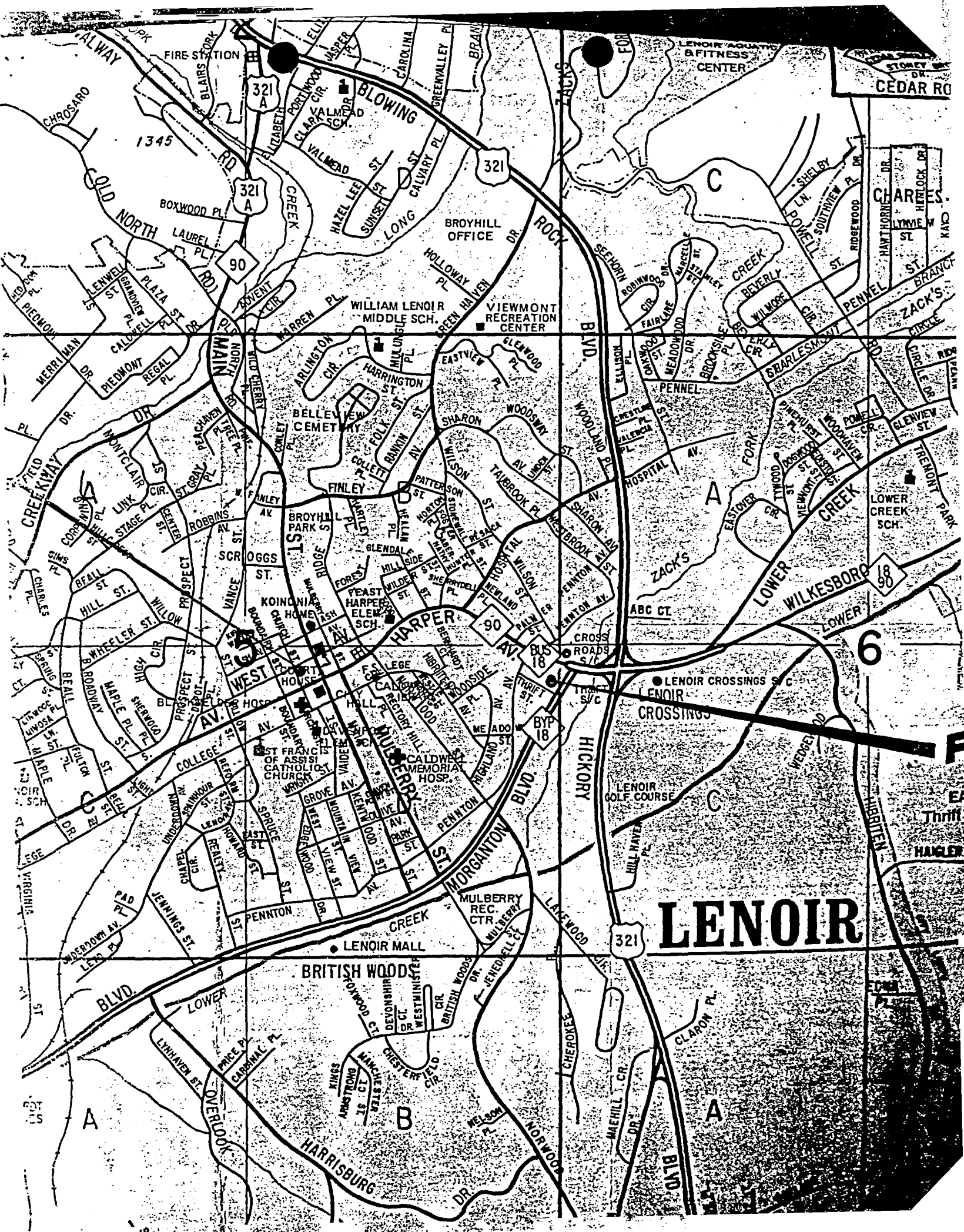
	Air purifying respirator	X	First Aid Kit
	Cartridges for respirator	X	3 gal. Distilled H2O
	3M 8710 Respirator	X	Personal Protective Clothing
	02 Indicator		
	Detector Tube & Pump	X	Boots or Boot Covers
	Eye Wash Unit		Coveralls (tyvek)
X	H Nu	X	Eye Protection
	pH Meter		Hard Hat
	Explosimeter	X	Decontamination Materials.
	Radioactive Monitor		

Poison Control Center - State Coordinator
Duke University Medical Center
Telephone: 1-800-672-1697
Box 3024
Durham, NC 27710

ASHEVILLE 704-255-4490	Western NC Poison Control Center Memorial Mission Hosp. 509 Biltmore Ave. 28801	HENDERSONVILLE 704-693-6522 Ext. 555, 556	Margaret R. Pardee Memorial Hospital Fleming St., 28739
CHARLOTTE 704-379-5827	Mercy Hospital 2001 Vail Ave, 28207	HICKORY 704-322-6649	Catawba Mem. Hosp. Fairgrove Chur. Rd 28601
DURHAM 1-800-672-1697	Duke Univ Medical Center Box 3007, 27710	JACKSONVILLE 919-577-2555	Onslow Mem. Hospital Western Blvd. 28540
GREENSBORO 919-379-4105	Moses Cone Hospital 1200 N. Elm St, 27420	WILMINGTON 919-343-7046	New Hanover Mem. Hospital 2131 S. 17th St, 28401

1-800-722-2222

CERCLA/MG/7-85/Revised 5-87
Form 1


LENOIR
FIRE STATION
LENOIR AQUATIC & FITNESS CENTER
CEDAR RO
VALMEAD SCH.
BROYHILL OFFICE
WILLIAM LENOIR MIDDLE SCH.
VIEWMONT RECREATION CENTER
BELLEVIEW CEMETERY
BROYHILL PARK
KOINONIA HOME
EAST HARPER ELEM. SCH.
COURT HOUSE
CALDWELL MEMORIAL HOSP.
ST. FRANCIS OF ASSISI CATHOLIC CHURCH
MULBERRY REC. CTR.
LENOIR MALL
BRITISH WOODS
LENOIR CROSSINGS S/C
LENOIR CROSSINGS
LENOIR GOLF COURSE
LOWER CREEK SCH.
CROSS ROADS S/C
ZACK'S
BLOWING ROCK BLVD.
MAIN ST.
HARPER AV.
MORGANTON BLVD.
HICKORY BLVD.
LOWER WILKESBORO BLVD.
HARRISBURG DR.
COLD NORTH RD.
CREEKWAY
LONG CREEK
POWELL CREEK
ZACK'S FORK
321
321 A
90
18
98
BUS 18
BYP 18
A
B
C
6

HAZARDOUS SUBSTANCE INFORMATION FORM

Chemical Name: Stoddard Solvent (Mineral Spirits/Varsol)

I. PHYSICAL/CHEMICAL PROPERTIES

	Reference
Chemical Formula C9 H2O	1
Natural Physical State at 25°C liquid	2
Vapor Pressure 2 mm Hg at 20°C	2
Melting Point °F/°C Boiling Point 154-202 °F/°C	1
Flash Point (open or closed cup) 102-140 °C/°F	2
Solubility - H_2O insoluble	1,2
Other miscible with ether, absolute alcohol	2

Physical Features: (odor, color, etc.) Stoddard solvent is a mixture of straight and branched chain hydrocarbons, naphthenes and aromatic hydrocarbons. Is is a colorless liquid with a kerosene like odor.

II. TOXICOLOGICAL DATA

Standards: 100 ppm TLV 500 ppm PEL 500 ppm IDLH 2

Routes of Exposure: Inhalation

Acute/Chronic Symptoms: Defatting and irritation of the skin; irritation of the eyes, nose, and throat, and dizziness.

First Aid: Eyes: Irrigate immediately; skin: soap and water wash promptly; inhalation: fresh air artificial respiration; ingestion: medical attention immediately.

Chemical Name: Stoddard Solvent

III. HAZARDOUS CHARACTERISTICS — Reference

A. Combustibility Yes ___ No ___ — ___

Toxic by-products ___ — ___

___ — ___

B. Flammability LEL 0.8% UEL ? — 2

C. Reactivity Hazard Strong oxidizers — 2

D. Corrosivity Hazard yes/no pH: ___ — ___

Neutralizing agent: ___ — ___

E. Radioactive Hazard — Exposure Rate

Background	yes/no	___	___
Alpha particles	yes/no	___	___
Beta particles	yes/no	___	___
Gamma radiation	yes/no	___	___

IV. REFERENCES

Documentation of the TLVs, 4th Edition 1980

Pocket Guide to Chemical Hazards, NIOSH, September 1985

HAZARDOUS SUBSTANCE INFORMATION FORM

Chemical Name: Fuel oil

I. PHYSICAL/CHEMICAL PROPERTIES

Reference

Chemical Formula ------ _____

Natural Physical State at 25°C liquid _____

Vapor Pressure ----- mm Hg at 20°C _____

Melting Point ----- °F/°C Boiling Point -------- °F/°C _____

Flash Point (open or closed cup) 100 °C/°F _____

Solubility - H_2O _____ _____

Other _____ _____

Physical Features: (odor, color, etc.) Can be a distilled fraction of petroleum, a residuum from refinery operations or a blend. No. 2 is a straight run or cracked distallate.

II. TOXICOLOGICAL DATA

Standards: none given TLV none given PEL none given IDLH _____

Routes of Exposure: inhalation, skin

Acute/Chronic Symptoms: _____

First Aid: eye: flush immediately with water, skin: soap & water wash immediately, inhalation: fresh air & artificial respiration, ingestion: medical attention promptly.

Chemical Name: Fuel oil

III. HAZARDOUS CHARACTERISTICS — Reference

A. Combustibility Yes X No ____ — _____

Toxic by-products None given — _____

_____ — _____

B. Flammability LEL _____ UEL _____ — _____

C. Reactivity Hazard No _____ — _____

D. Corrosivity Hazard yes/no pH: _____ — _____

Neutralizing agent: _____ — _____

E. Radioactive Hazard — Exposure Rate

Background	yes/no	_____	_____
Alpha particles	yes/no	_____	_____
Beta particles	yes/no	_____	_____
Gamma radiation	yes/no	_____	_____

IV. REFERENCES

The Condensed Chemical Dictionary

_____

_____

_____

_____

_____

HAZARDOUS SUBSTANCE INFORMATION FORM

Chemical Name: VM & P Naphtha (Ligroin)

I. PHYSICAL/CHEMICAL PROPERTIES

	Reference
Chemical Formula typical composition is:	1
paraffins 55.4, naphthens 30.3, alkyl benzene 11.7	
dicycloparaffins 2.4, benzene (less than) 0.1	
Natural Physical State at 25°C liquid	1,2
Vapor Pressure -- mm Hg at 20°C	
Melting Point °F/°C Boiling Point 118 - 179 °F/°C	
Flash Point (open or closed cup) 57 °C/°F	
Solubility - H_2O insoluble	
Other organic solvents	

Physical Features: (odor, color, etc.) clear, mobile, flammable liquid odor of kerosene or gasoline.

II. TOXICOLOGICAL DATA

Standards: 300 ppm TLV _____ PEL _____ IDLH _____

Routes of Exposure: inhalation

Acute/Chronic Symptoms: upper resp. tract irritation at 800 ppm eye irritation at 88 ppm.

First Aid: eyes: irrigate immediately, skin: soap and water wash, inhalation: fresh air and artificial resp., ingestion: medical attention.

Chemical Name: VM & P Naphtha

III. HAZARDOUS CHARACTERISTICS

Reference

A. Combustibility Yes X No ____ ____

Toxic by-products No ____ ____

____ ____

B. Flammability LEL 1.2 UEL 6.0 1

C. Reactivity Hazard ____ ____

D. Corrosivity Hazard yes/no pH: ____ ____

Neutralizing agent: ____ ____

E. Radioactive Hazard

		Exposure Rate	
Background	yes/no	____	____
Alpha particles	yes/no	____	____
Beta particles	yes/no	____	____
Gamma radiation	yes/no	____	____

IV. REFERENCES

Documentation of the TLV, 4th Edition, 1980.

The Merck Index, 10th Edition, 1983.

HAZARDOUS SUBSTANCE INFORMATION FORM

Chemical Name: Acetone

I. PHYSICAL/CHEMICAL PROPERTIES

	Reference
Chemical Formula CH_3COCH_3	1,2
Natural Physical State at 25°C liquid	1,2
Vapor Pressure 226 mm Hg at 20°C	1
Melting Point - 95 °F/°C Boiling Point 57 °F/°C	
Flash Point (open or closed cup) 1.4 °C/°F	
Solubility - H_2O soluble	
Other	

Physical Features: (odor, color, etc.) colorless liquid with a sweetish odor.

II. TOXICOLOGICAL DATA

Standards: 750 ppm TLV 1000 ppm PEL 20,000 ppm IDLH 2

Routes of Exposure: Inhalation, contact with skin will cause dryness.

Acute/Chronic Symptoms: Irritation of eyes, nose and throat. Headaches, dizziness, and dermatitis.

First Aid: Eyes: irrigate immed. for 15 mins., Skin: soap and water wash, Inhalation: fresh air & art. resp., Ingestion: medical attention.

Chemical Name: Acetone

III. HAZARDOUS CHARACTERISTICS — Reference

A. Combustibility Yes X No ____ — ____

Toxic by-products None — ____

____ — ____

B. Flammability LEL 2.6% UEL 12.8% — 2

C. Reactivity Hazard oxidizing material & acids — ____

D. Corrosivity Hazard yes/no pH: ____ — ____

Neutralizing agent: ____ — ____

E. Radioactive Hazard — Exposure Rate

Background	yes/no	____	____
Alpha particles	yes/no	____	____
Beta particles	yes/no	____	____
Gamma radiation	yes/no	____	____

IV. REFERENCES

Chemical Safety Data Guide, BNA - 1985.

Pocket Guide to Chemical Hazards, NIOSH - 1985.

HAZARDOUS SUBSTANCE INFORMATION FORM

Chemical Name: Methyl Isobutyl Ketone (4-methyl-2, pentanone isopropyl acetone)

I. PHYSICAL/CHEMICAL PROPERTIES

		Reference
Chemical Formula	CH3 CO CH2 CH3 H7	1,2,3
Natural Physical State at 25°C	liquid	1,2,3
Vapor Pressure	15 mm Hg at 20°C	3
Melting Point	~~119~~ -84.7 °F/°C Boiling Point 119 °F/°C	1,2,3
Flash Point (open or closed cup)	73 °C/°F	1,2,3
Solubility - H_2O	1.91 g/ml	1,2,3
Other	miscible with alcohol, benzene, ether	1

Physical Features: (odor, color, etc.) colorless liquid with a faint ketonic and camphoric odor

II. TOXICOLOGICAL DATA

Standards: 50 TLV 100 PEL 3000 IDLH 3

Routes of Exposure: inhalation

Acute/Chronic Symptoms: high vapor conc. are irritating to eyes, nose and throat, weakness, headache, nausea and lightheadedness can also occur.

First Aid: inhalation: fresh air & artificial resp., skin: soap & water wash, eyes: irrigate immediately, ingestion: medical attention.

Chemical Name: Methyl Isobutyl Ketone

III. HAZARDOUS CHARACTERISTICS — Reference

A. Combustibility Yes X No ____ — 3

Toxic by-products ____

B. Flammability LEL 1.4 UEL 7.5% — 3

C. Reactivity Hazard strong oxidizers — 3

D. Corrosivity Hazard yes/no pH: ____

Neutralizing agent: ____

E. Radioactive Hazard — Exposure Rate

Background	yes/no		
Alpha particles	yes/no		
Beta particles	yes/no		
Gamma radiation	yes/no		

IV. REFERENCES

The Merck Index.

Documentation of the TLV.

NIOSH Pocket Guide to Chemical Hazards.

HAZARDOUS SUBSTANCE INFORMATION FORM

Chemical Name: Methyl Ethyl Ketone (2 Butanone)

I. PHYSICAL/CHEMICAL PROPERTIES

	Reference
Chemical Formula C4 H8 O	1,2,3
Natural Physical State at 25°C liquid	1,2,3
Vapor Pressure 70.6 mm Hg at 20°C	2,3
Melting Point ____ °F/°C Boiling Point 80 °F/°C	2
Flash Point (open or closed cup) 35 °C/°F	1,2
Solubility - H_2O 27%	1,3
Other common organic solvents	2

Physical Features: (odor, color, etc.) clear, colorless liquid with acetone-like odor, odor detection 10 ppm IP - 9.48 eV

II. TOXICOLOGICAL DATA

Standards: 200 ppm TLV 200 ppm PEL 3000 ppm IDLH 3

Routes of Exposure: inhalation

Acute/Chronic Symptoms: irritation of eyes, nose and throat at approx. 200 ppm

First Aid: eyes: irrigate immediately, skin: soap and water wash, inhalation: fresh air & artificial resp., ingestion: medical attention.

Chemical Name: Methyl Ethyl Ketone

III. HAZARDOUS CHARACTERISTICS — Reference

A. Combustibility Yes X No ____ — 2

Toxic by-products ____

B. Flammability LEL 12% UEL 20% — 2

C. Reactivity Hazard very strong oxidizers — 3

D. Corrosivity Hazard yes/no pH: ____

Neutralizing agent: ____

E. Radioactive Hazard — Exposure Rate

Background	yes/no		
Alpha particles	yes/no		
Beta particles	yes/no		
Gamma radiation	yes/no		

IV. REFERENCES

The Merck Index

Documentation of the TLV's

NIOSH Pocket Guide to Chemical Hazards

HAZARDOUS SUBSTANCE INFORMATION FORM

Chemical Name: Xylene,O, M & P (Dimethyl benzene)

I. PHYSICAL/CHEMICAL PROPERTIES

	Reference
Chemical Formula C8 H10	1,2,3,4
Natural Physical State at 25°C liquid	1,2,3
Vapor Pressure 7 - 9 mm Hg at 20°C	3
Melting Point 13 - 14 °F/°C Boiling Point 137 - 140 °F/°C	1,2,3
Flash Point (open or closed cup) 90/84/81 °C/°F	1,2,3,4
Solubility - H_2O insoluble	1,2,3
Other soluble in alcohol, ether and most other organic solvents.	1,2,3

Physical Features: (odor, color, etc.) colorless liquid with aromatic/benzene odor. Common solvent for paints and coatings, especially alkyd resin type.

II. TOXICOLOGICAL DATA

Standards: 100 TLV 100 PEL 10,000 IDLH 4

Routes of Exposure: inhalation

Acute/Chronic Symptoms: headache, fatigue, dizziness, lassitude, narcotic effects in high concentrations (2,3). Chronic effects not well defined (1).

First Aid: eyes: irrigate immed., skin: soap and water wash immed., inhalation: fresh air and artificial resp., ingestion: medical attention.

Chemical Name: Xylene, O, M, & P

III. HAZARDOUS CHARACTERISTICS — Reference

A. Combustibility Yes X No _____ — 1,2,3,4

Toxic by-products _____

B. Flammability LEL 1.4% UEL 6.7% — 2

C. Reactivity Hazard strong oxidizers — 4

D. Corrosivity Hazard yes/no pH: _____

Neutralizing agent: _____

E. Radioactive Hazard — Exposure Rate

Background	yes/no	
Alpha particles	yes/no	
Beta particles	yes/no	
Gamma radiation	yes/no	

IV. REFERENCES

The Merck Index, 10th Edition, 1983.

NFPA, Fire Protection Guide on Hazardous Materials, 8th Edition, 1984.

Documentation of the TLV, 4th Edition, 1980.

NIOSH Pocket Guide to Chemical Hazards, 1985.

HAZARDOUS SUBSTANCE INFORMATION FORM

Chemical Name: Toluene (Methyl benzene, toluol)

I. PHYSICAL/CHEMICAL PROPERTIES

	Reference
Chemical Formula C7H8	1,2,3,4
Natural Physical State at 25°C liquid	1,2,3,4
Vapor Pressure 2 mm Hg at 20°C	4
Melting Point - 95 °F/°C Boiling Point 110.6 °F/°C	1,3,4
Flash Point (open or closed cup) 40 °C/°F	1,2,3,4
Solubility - H_2O slightly sol.	1,3,4
Other miscible with alcohol, chloroform, ether, acetone, glacial acetic acid, carbon disulfide	1,3,4

Physical Features: (odor, color, etc.) colorless liquid with an aromatic odor, IP 8.82 eV, derived from coal tar oil or petroleum

II. TOXICOLOGICAL DATA

Standards: 100 TLV 200 PEL 2000 IDLH 4

Routes of Exposure: inhalation

Acute/Chronic Symptoms: Narcotic in high concentrations, headache, lassitude, and nausea. Chronic: anemia and dermatitis.

First Aid: skin: soap and water wash immed., eye: irrigate immed. inhalation: fresh air and artificial resp., ingestion: medical attention (4).

Chemical Name: Toluene

III. HAZARDOUS CHARACTERISTICS — Reference

A. Combustibility Yes X No ____ — 4

Toxic by-products ____

B. Flammability LEL 1.0% UEL 7.0% — 4

C. Reactivity Hazard strong oxidizers — 3

D. Corrosivity Hazard yes/no pH: ____

Neutralizing agent: ____

E. Radioactive Hazard — Exposure Rate

Background	yes/no		
Alpha particles	yes/no		
Beta particles	yes/no		
Gamma radiation	yes/no		

IV. REFERENCES

The Merck Index, 10th Edition, 1983.

Documentation of the TLV, 4th Edition, 1980.

NIOSH Pocket Guide for Chemical Hazards, 1985.

NFPA, Protection Guide on Hazardous Materials, 8th Edition 8th Edition, 1984.

HAZARDOUS SUBSTANCE INFORMATION FORM

Chemical Name: Butyl Acetate

I. PHYSICAL/CHEMICAL PROPERTIES

	Reference
Chemical Formula CH3 COO (CH2)3 CH3 - n butylacetate	1
Natural Physical State at 25°C liquid	1
Vapor Pressure 10 mm Hg at 20°C	1
Melting Point -146 to -77°F/°C Boiling Point 122 & 126 °F/°C	1
Flash Point (open or closed cup) 88 & 92 °C/°F	1
Solubility - H_2O slightly Autoignition - 790°F	1
Other miscible with alcohol, ether and hydrocarbons.	

Physical Features: (odor, color, etc.) colorless liquid with a fruity odor. I.P. - n-butylacetate - 9.56 eV
sec-butylacetate - 9.91 eV

II. TOXICOLOGICAL DATA

Standards: 150-200ppm TLV 150-200ppm PEL 10,000 IDLH 2

Routes of Exposure: Inhalation

Acute/Chronic Symptoms: respiratory irritant with narcotic effect: headache, dizziness, drowsiness.

First Aid: Skin: soap & water wash, Eyes: irrigation, Inhalation: fresh air & artificial resp., Ingestion: medical attention.

Chemical Name: Butyl Acetate

III. HAZARDOUS CHARACTERISTICS — Reference

A. Combustibility Yes X No ____ — ____

Toxic by-products Unknown — ____

____ — ____

B. Flammability LEL 2.6% UEL 13.4% — 2

C. Reactivity Hazard in contact with peroxides may polymerize violently. — 2

D. Corrosivity Hazard yes/no pH: ____ — ____

Neutralizing agent: ____ — ____

E. Radioactive Hazard — Exposure Rate

Background	yes/no	____	____
Alpha particles	yes/no	____	____
Beta particles	yes/no	____	____
Gamma radiation	yes/no	____	____

IV. REFERENCES

Documentation of the TLV, 4th Edition, 1980.

The Merck Index, 10th Edition, 1983.

Fire Protection Guide on Hazardous Chemicals, 8th Edition, 1984.

HAZARDOUS SUBSTANCE INFORMATION FORM

Chemical Name: Formaldehyde/Formalin (37% by wt. formaldehyde gas in water.)

I. PHYSICAL/CHEMICAL PROPERTIES

	Reference
Chemical Formula CH2O	1
Natural Physical State at 25°C liquid solution	1
Vapor Pressure --- mm Hg at 20°C	
Melting Point --- °F/°C Boiling Point 96 °F/°C	1
Flash Point (open or closed cup) 122 °C/°F	2
Solubility - H_2O miscible	3
Other miscible with alcohol, acetone	1

Physical Features: (odor, color, etc.) colorless liquid with pungent odor. Usually Formalin is stabilized with 10-15% methanol. On standing esp. in the cold may become cloudy and at very low temp. a ppt of trioxymethlene is formed. When evaporated some formaldehyde escapes but most of it is changed to trioxymethylene (paraformaldehyde) (1). In air it slowly oxidizes to formic acid.

II. TOXICOLOGICAL DATA

Standards: 1 ppm TLV 3 ppm PEL 100 ppm IDLH 3

Routes of Exposure: inhalation, formic acid is dangerously caustic to the skin

Acute/Chronic Symptoms: vapors intensely irritating to mucous membranes, irritant dermatitis possible, ingestion: severe abd. pain blood in urine, inability to urinate, acidosis, vertigo, coma and death.

First Aid: Eyes and skin: water flush, Inhalation: fresh air and artificial resp., Ingestion: medical attention immediately.

Chemical Name: Formaldehyde/Formalin

III. HAZARDOUS CHARACTERISTICS — Reference

A. Combustibility Yes ____ No X — 1

Toxic by-products _____

B. Flammability LEL 7 UEL 73 — 1,2,3

C. Reactivity Hazard strong oxidizers, alkalies, and acids; phenols; urea

D. Corrosivity Hazard yes/no pH: 2.8 - 4.0 — 1

Neutralizing agent: _____

E. Radioactive Hazard

		Exposure Rate	
Background	yes/no		
Alpha particles	yes/no		
Beta particles	yes/no		
Gamma radiation	yes/no		

IV. REFERENCES

The Merck Index, 10th Edition, 1983.

Documentation of the TLV, 4th Edition, 1980.

Pocket Guide to Chemical Hazards, 1985.

16 October 1987

TO: File

From: Mary Giguere MG

RE: Thomasville Furniture Inds. NCD 054290770

All samples collected during a site investigation will be preserved by storing them on ice. Water samples for metal and volatile organics analyses should also be preserved with acid unless they contain visible sediment.

The metals samples should be preserved with nitric acid to a pH of less than 2 but greater than 1. To do this start by adding 3 mls of nitric acid to the sampling container. After collecting the sample, check the pH, if more acid is needed add it and note how much was added. Put a check mark on the cap of the metal samples that have been preserved wtih 3 mls of acid. If more than 3 mls of acid have been added indicate the total amount of acid added on the sample container top.

For the VOA samples 4 drops of hydrochloric acid should be added before the sample is collected. Collect the sample as usual.

Goggles and gloves wil be worn while measuring acids and collecting samples. Pasteur pipets will be used for measuring the hydrochloric acid. Graduated pipets will be used for nitric acid. Pipets will be rinsed and then disposed of.

C. Department of Human Resources
vision of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Health
P. O. Box 28047
306 N. Wilmington Street
Raleigh, 27611

DNa

:e Number 14 D 054290770 Field Sample Number 3575

ıme of Site Thomasville Farm Ands Site Location Lenoir, Caldwell Co.

ollected By D. Marie Dunwoy ID# 35 Date Collected 10/28/87 Time 1600

pe of Sample:

Environmental	Concentrate
___ Groundwater (1)	___ Solid (5)
___ Surface Water (2)	___ Liquid (6)
___ Soil (3)	___ Sludge (7)
X Other (4)	___ Other (8)

Comments
#1 site stream sed (UG) - Background
N of Valmeade St.

RECEIVED
FEB 16 1988
HAZARDOUS WASTE MANAGEMENT BRANCH
CERCLA

INORGANIC CHEMISTRY

Extractables Parameter	Results mg/1	Total Parameter	Results mg/Kg	Parameter	Results mg/Kg
X Arsenic	<0.01	X Arsenic	<5	X Silver	<10
X Barium	0.06	X Barium	25	Sulfates	
X Cadmium	<0.08	X Cadmium	<4.0	Zinc	
X Chromium	<0.20	Chloride		Ph	
X Lead	<1.00	X Chromium	<10	Conductivity	
X Mercury	<0.02	Copper		TDS	
X Selenium	<0.005	Fluoride		TOC	
X Silver	<0.20	Iron			
		X Lead	59		
		Manganese			
		X Mercury	<0.1		
		Nitrate			
		X Selenium	<2.5		

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
P&T:GC/MS		EDB		Methoxychlor	
Acid:B/N Ext.		PCB's		Toxaphene	
TOX		Petroleum		2,4-D	
		Endrin		2,4,5-TP (silvex)	
		Lindane			

MICROBIOLOGY

Parameter
(MF) Coliform Colonies/100mls
(MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
Gross Alpha	
Gross Beta	

Date Received ___ Date Reported 10 Feb 88

Date Extracted ___ Date Analyzed ___

Reported By ___ Lab Number 320874 NOV 287

DHS 3191 (Revised 7/85)

C. Department of Human Resources
vision of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Health
P. O. Box 28047
306 N. Wilmington Street
Raleigh, 27611

te Number 14 D 054290770 Field Sample Number 3576

ame of Site Thomasville Furn Andy Site Location Lenoir, Caldwell Co.

ollected By D. Mark Dunway ID# 35 Date Collected 10/28/87 Time 1618

ype of Sample:

Environmental	Concentrate	Comments
___ Groundwater (1)	___ Solid (5)	#2 BG soil in field N of Valmonde St.
___ Surface Water (2)	___ Liquid (6)	
X Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

RECEIVED FEB 16 1988 HAZARDOUS WASTE MANAGEMENT BRANCH CERCLA

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/kg	Parameter	Results mg/kg
X Arsenic	<0.01	X Arsenic	<5	X Silver	<10
X Barium	0.14	X Barium	144	Sulfates	
X Cadmium	<0.08	X Cadmium	6.0	Zinc	
X Chromium	<0.20	Chloride		Ph	
X Lead	<1.00	X Chromium	<10	Conductivity	
X Mercury	<0.02	Copper		TDS	
X Selenium	<0.005	Fluoride		TOC	
X Silver	<0.20	Iron			
		X Lead	38		
		Manganese			
		X Mercury	<0.1		
		Nitrate			
		X Selenium	<2.5		

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
P&T:GC/MS		EDB		Methoxychlor	
Acid:B/N Ext.		PCB's		Toxaphene	
TOX		Petroleum		2,4-D	
		Endrin		2,4,5-TP (silvex)	
		Lindane			

MICROBIOLOGY

Parameter
(MF) Coliform Colonies/100mls
(MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
Gross Alpha	
Gross Beta	

Date Received ___ Date Reported 10 Feb 88

Date Extracted ___ Date Analyzed ___

Reported By ___ Lab Number 020875 NOV 287

DHS 3191 (Revised 7/85)
Solid and Hazardous Waste (Review 7/87)

C. Department of Human Resources
vision of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Healt
P. O. Box 2804
306 N. Wilmington Str
Raleigh, 2761

te Number 14 D 054290770 Field Sample Number 3577

ame of Site Thomasville Furn Ind. Site Location Lenoir, Caldwell Co.

ollected By D. Marie Dunway ID# 35 Date Collected 10/28/87 Time 1630

ype of Sample:

Environmental	Concentrate	Comments
___ Groundwater (1)	___ Solid (5)	#3 soil & waste from solvent drum
___ Surface Water (2)	___ Liquid (6)	storage area - chlorobenzene
X Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

RECEIVED
HAZARDOUS WASTE MANAGEMENT BRANCH
CERCLA

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/Kg	Parameter	Results mg/Kg
X Arsenic	<0.01	X Arsenic	<4	X Silver	<9.0
X Barium	0.20	X Barium	170	Sulfates	
X Cadmium	<0.08	X Cadmium	7.0	Zinc	
X Chromium	<0.20	Chloride		Ph	
X Lead	<1.00	X Chromium	18	Conductivity	
X Mercury	<0.02	Copper		TDS	
X Selenium	<0.005	Fluoride		TOC	
X Silver	<0.20	Iron			
		X Lead	130		
		Manganese			
		X Mercury	0.1		
		Nitrate			
		X Selenium	<2.2		

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
P&T:GC/MS		EDB		Methoxychlor	
Acid:B/N Ext.		PCB's		Toxaphene	
TOX		Petroleum		2,4-D	
		Endrin		2,4,5-TP (silvex)	
		Lindane			

MICROBIOLOGY

Parameter
(MF) Coliform Colonies/100mls
(MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
Gross Alpha	
Gross Beta	

Date Received ___ Date Reported 10 Feb 88

Date Extracted ___ Date Analyzed ___

Reported By ___ Lab Number 020876 NOV 287

DHS 3191 (Revised 7/85)
Solid and Hazardous Waste (Review 7/87)

'C. Department of Human Resources
vision of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Health
P. O. Box 28047
306 N. Wilmington Street
Raleigh, 27611

te Number 14 D 054290770 Field Sample Number 3579

ame of Site Thomasville Furn Indy Site Location Lenoir, Caldwell Co.

ollected By D. Marie Dunway ID# 35 Date Collected 10/28/87 Time 1650

ype of Sample:

Environmental	Concentrate
___ Groundwater (1)	___ Solid (5)
___ Surface Water (2)	___ Liquid (6)
___ Soil (3)	___ Sludge (7)
X Other (4)	___ Other (8)

Comments: #4 stream fed (DG) below solvent storage area in concrete lined stream diversion ditch.

RECEIVED FEB 9 1988 HAZARDOUS WASTE MANAGEMENT BRANCH CERCLA

INORGANIC CHEMISTRY

Extractables Parameter	Results mg/1	Total Parameter	Results mg/Kg	Parameter	Results mg/Kg
X Arsenic	<0.01	X Arsenic	<5	X Silver	<9.0
X Barium	0.11	X Barium	27	Sulfates	
X Cadmium	<0.08	X Cadmium	<4.0	Zinc	
X Chromium	<0.20	Chloride		Ph	
X Lead	<1.00	X Chromium	<9.0	Conductivity	
X Mercury	<0.02	Copper		TDS	
X Selenium	<0.005	Fluoride		TOC	
X Silver	<0.20	Iron			
		X Lead	5.0		
		Manganese			
		X Mercury	<0.1		
		Nitrate			
		X Selenium	<2.3		

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
P&T:GC/MS		EDB		Methoxychlor	
Acid:B/N Ext.		PCB's		Toxaphene	
TOX		Petroleum		2,4-D	
		Endrin		2,4,5-TP (silvex)	
		Lindane			

MICROBIOLOGY

Parameter
(MF) Coliform Colonies/100mls
(MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
Gross Alpha	
Gross Beta	

Date Received ___ Date Reported 10 Feb 88

Date Extracted ___ Date Analyzed ___

Reported By ___ Lab Number 020677 NOV 287

DHS 3191 (Revised 7/85)
Solid and Hazardous Waste (Review 7/87)

C. Department of Human Resources
vision of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Health
P. O. Box 28047
306 N. Wilmington Street
Raleigh, 27611

te Number 14 D 054290770 Field Sample Number 3581

ame of Site Thomasville Furn Indy Site Location Lenoir, Caldwell Co.

ollected By D. Mark Dunwoy ID# 35 Date Collected 10/28/87 Time 1715

ype of Sample:

Environmental	Concentrate	Comments
___ Groundwater (1)	___ Solid (5)	#5 stream sed from site stream (DG)
___ Surface Water (2)	___ Liquid (6)	
___ Soil (3)	___ Sludge (7)	
X Other (4)	___ Other (8)	

RECEIVED
FEB 1988
HAZARDOUS WASTE MANAGEMENT BRANCH
CERCLA

INORGANIC CHEMISTRY

Extractables Parameter	Results mg/1	Total Parameter	Results mg/Kg	Parameter	Results mg/Kg
X Arsenic	<0.01	X Arsenic	<5	X Silver	<10
X Barium	0.06	X Barium	25	Sulfates	
X Cadmium	<0.08	X Cadmium	<4.0	Zinc	
X Chromium	<0.20	Chloride		Ph	
X Lead	<1.00	X Chromium	<10	Conductivity	
X Mercury	<0.02	Copper		TDS	
X Selenium	<0.005	Fluoride		TOC	
X Silver	<0.20	Iron			
		X Lead	6.4		
		Manganese			
		X Mercury	<0.1		
		Nitrate			
		X Selenium	<2.5		

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
P&T:GC/MS		EDB		Methoxychlor	
Acid:B/N Ext.		PCB's		Toxaphene	
TOX		Petroleum		2,4-D	
		Endrin		2,4,5-TP (silvex)	
		Lindane			

MICROBIOLOGY

Parameter
(MF) Coliform Colonies/100mls
(MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
Gross Alpha	
Gross Beta	

Date Received ___ Date Reported 10 Feb 88

Date Extracted ___ Date Analyzed ___

Reported By ___ Lab Number 020878 NOV 287

DHS 3191 (Revised 7/85)
olid and Hazardous Waste (Review 7/87)

C. Department of Human Resources
vision of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Health
P. O. Box 28047
306 N. Wilmington Street
Raleigh, 27611

ite Number 14 D 054290770 Field Sample Number 3583

ame of Site Thomasville Furn Indy Site Location Lenoir, Caldwell Co.

ollected By D. Mark Durway ID# 35 Date Collected 10/28/87 Time 1730

ype of Sample:

Environmental	Concentrate
___ Groundwater (1)	___ Solid (5)
___ Surface Water (2)	___ Liquid (6)
___ Soil (3)	___ Sludge (7)
X Other (4)	___ Other (8)

Comments #6 Blair Fork Ck (UG.) Sediment

RECEIVED
FEB 16 1988
HAZARDOUS WASTE MANAGEMENT BRANCH
CERCLA

INORGANIC CHEMISTRY

Extractables Parameter	Results mg/1	Total Parameter	Results mg/1kg	Parameter	Results mg/1kg
X Arsenic	<0.01	X Arsenic	<5	X Silver	<9.0
X Barium	0.10	X Barium	53	Sulfates	
X Cadmium	<0.08	X Cadmium	<4.0	Zinc	
X Chromium	<0.20	Chloride		Ph	
X Lead	<1.00	X Chromium	<9.0	Conductivity	
X Mercury	<0.02	Copper		TDS	
X Selenium	<0.005	Fluoride		TOC	
X Silver	<0.20	Iron			
		X Lead	10		
		Manganese			
		X Mercury	<0.1		
		Nitrate			
		X Selenium	<2.3		

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
P&T:GC/MS		EDB		Methoxychlor	
Acid:B/N Ext.		PCB's		Toxaphene	
TOX		Petroleum		2,4-D	
		Endrin		2,4,5-TP (silvex)	
		Lindane			

MICROBIOLOGY

Parameter
(MF) Coliform Colonies/100mls
(MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
Gross Alpha	
Gross Beta	

Date Received ___ Date Reported 10 Feb 88

Date Extracted ___ Date Analyzed ___

Reported By ___ Lab Number 020879 NOV 287

DHS 3191 (Revised 7/85)
olid and Hazardous Waste (Review 7/87)

C. Department of Human Resources
vision of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Health
P. O. Box 28047
306 N. Wilmington Street
Raleigh, 27611

te Number 14 D 054290770 Field Sample Number 3585

ame of Site Thomasville Furn Indy Site Location Lenoir, Caldwell Co.

ollected By D. Mark Dunwoy ID# 35 Date Collected 10/28/87 Time

ype of Sample:

Environmental	Concentrate	Comments
___ Groundwater (1)	___ Solid (5)	#7 Blair Fork Ck (DG) stream sediment
___ Surface Water (2)	___ Liquid (6)	
___ Soil (3)	___ Sludge (7)	
X Other (4)	___ Other (8)	

RECEIVED FEB 16 1988 HAZARDOUS WASTE MANAGEMENT BRANCH CERCLA

INORGANIC CHEMISTRY

Extractables Parameter	Results mg/1	Total Parameter	Results mg/kg	Parameter	Results mg/kg
X Arsenic	<0.01	X Arsenic	<5	X Silver	<10
X Barium	0.07	X Barium	29	Sulfates	
X Cadmium	<0.08	X Cadmium	<4.0	Zinc	
X Chromium	<0.20	Chloride		Ph	
X Lead	<1.00	X Chromium	<1.0	Conductivity	
X Mercury	<0.02	Copper		TDS	
X Selenium	<0.005	Fluoride		TOC	
X Silver	<0.26	Iron			
		X Lead	8.0		
		Manganese			
		X Mercury	<0.1		
		Nitrate			
		X Selenium	<2.5		

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
P&T:GC/MS		EDB		Methoxychlor	
Acid:B/N Ext.		PCB's		Toxaphene	
TOX		Petroleum		2,4-D	
		Endrin		2,4,5-TP (silvex)	
		Lindane			

MICROBIOLOGY

Parameter
(MF) Coliform Colonies/100mls
(MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
Gross Alpha	
Gross Beta	

Date Received ___ Date Reported 10 Feb 88

Date Extracted ___ Date Analyzed ___

Reported By ___ Lab Number 020000 NOV 287

DHS 3191 (Revised 7/85)
Solid and Hazardous Waste (Review 7/87)

SOLID AND HAZARDOUS WASTE MANAGEMENT BRANCH

Chain of Custody Record

Hazardous Waste Materials

Location of Sampling: X Generator ___ Transporter ___ Treatment Facil
___ Storage Facility ___ Disposal Facility ___ Landfill
___ Other: ___

Company's Name THOMASVILLE FURNITURE INDUSTRIES INC Telephone (704) 754-4581

Address 315 ELIZABETH ST NW LENOIR NC 28645

Collector's Name D. Mark Dewey (signature) Telephone (919) 733-2801

Date Sampled 28 OCTOBER 1987 Time Sampled ___

Type of Process Generating Waste FURNITURE MANUFACTURING

RECEIVED FEB 16 1988 HAZARDOUS WASTE MANAGEMENT BRANCH CERCLA

Field Information

Field Sample No. 3575 3576 3577 3579 3581 3583 3585

Chain of Possession:

	signature	title	inclusive dates
1.	D. Mark Dewey	Geologist	10/28/87 to 11/2/87
2.	[illegible]	Chemist	2 Nov 87
3.	Annette L Jay	Chem Analyst	10 Feb 88

Results reported

signature	title	date

Instructions: Complete all applicable information including signatures, and submit with analysis request forms.

DIVISION OF HEALTH SERVICES
SOLID AND HAZARDOUS WASTE MANAGEMENT BRANCH

Receipt for Samples

The samples described below were collected in connection with the administration, enforcement, and documentation of the:

( ) North Carolina Hazardous Waste Management Rules, 10 NCAC 10F

( ) North Carolina Solid Waste Management Rules, 10 NCAC 10G

(X) Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)

( ) Toxic Substances Control Act (TSCA). 15 U.S.C. §2601, et seq., specifically Section 11 of TSCA, 15 U.S.C. § 2610.

MARK DURWAY / PAT DEROSA	N.C. DIV. OF HEALTH SERVICES PO BOX 2091 RALEIGH NC 27602
Inspector's Name	Inspector's Address
THOMASVILLE FURNITURE INDUSTRIES, INC.	315 ELIZABETH ST. NW LENOIR NC 28645
Name of Firm	Firm Address
SHERRY STOOKEY	SUPERVISOR OF ENVIRONMENTAL COMPLIANCE AND INSPECTION
Firm Owner, Operator, or Agent	Title

SAMPLE NUMBER	COLLECTED		SAMPLE TYPE			DUPLICATE SAMPLES			SAMPLE LOCATION	
	DATE	TIME	WATER	SOIL	OTHER	OFFERED	ACCEPTED	REJECTED	ON-SITE	OFF-SITE
1	10/28/87	1600	✓		SED	✓	✓		✓	
2	10/28/87	1618		✓		✓	✓		✓	
3	10/28/87	1630		✓		✓	✓		✓	
4	10/28/87	1650	✓		SED	✓	✓		✓	
5	10/28/87	1715	✓		SED	✓	✓		✓	
6	10/28/87	1730	✓		SED	✓	✓			✓
7	10/28/87	1745	✓		SED	✓	✓			✓

Receipt for the sample(s) described above is hereby acknowledged:

D. Mark Durway
Signature of Inspector

GEOLOGIST NC CERCLA UNIT
Title

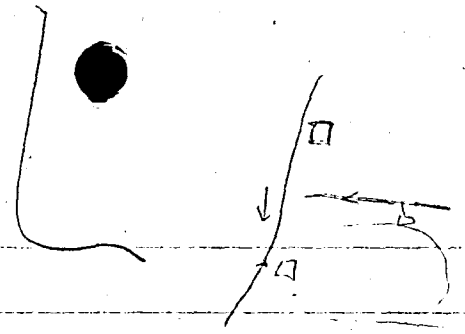
Receipt/rejection of duplicate or split samples is hereby acknowledged:

Sherry D. Stookey
Signature of Firm Owner, Operator, or Agent

SUPERVISOR OF ENVIRONMENTAL COMPLIANCE AND INSPECTION
Title

COMMENTS

Tom Gibson [illegible] be w/ Sherry Stookey
Jim Siceloff, plt mngr, "
John Stelling, Radian Corp., "



10-28-87 THOMASVILLE FURN — SSI

I SURVEY

(1) Boiler dischg area { produces steam for ovens in finish room; also produces space heat; approved for discharge by NRCD; (pH & temp. are restrictions); has NPDES permit for boiler blowdown;

(2) spill area (unnamed trib.) ~~[illegible]~~ - probably near bulk storage area.

(3) offsite contam sources (Reliance Universal of KT, a.k.a. Whitaker Chem).

(4) 2-3 acre gravel pkng lot which was used for LDFL (at least 2' cover?)

(5) small area in lumber yard - ldfl?

(6) ug tanks: naphtha, varsol.

(7) old incinerator area

(8) '75-79 trenches - same as parking lot ldfl? YES.

for [illegible] → (9) INCINERATOR - burn wastes; permitted?

respirator -

overspray also disposed under parking lot

SAMPLES @ (1) close ch at runoff storage area
(2) N of Valmeade St (runs E-W, and is N of plant);

10/28/87

Thomasville Furn

Sherry Stookey
Ted Wluti - Radian
~~John~~ Tom Gibson

arrived on site 1330.

Bulk storage area
drill - acetylated
Vinyl acetate?
or Urea formaldehyde

Incin - spray booth
oven spray
- solid waste trash

- check w/ Keith Martin

Bonnie current BCNA waste
- 801 storage area (surface)
- upstream on trib.
- downstream
- upstream of Blair Fork Cr

→ incinerator - closure
plan submitted to K. Martin
~1980-82
check w/ Keith

- boiler water discharge
under NPDES Permit

Sample loc #1 - 1600
upstream in trib to plant
~50 ft from center of
road behind plant
(Valmead Rd)

2-VOA (not acidified)
2-cubes
1-2l
1-org sed
1-inorg sed.
(split w Radian)

Sample #2 - Bkgd soil
(East)
also ~50 ft from road
center at edge of field
~10 ft N from creek.

1 org
1 inorg

1618 hrs

— 1630 HRS

Sample #3 Surf. Soil and waste at
washdown solvent storage / ~~area~~ waste
lacquer storage area ~~near~~ at
NW corner of pump house.

1 org
1 inorg
(split w Radian)

Sample #4 — 1650 HRS
surface water and sediment from concrete
lined drainage channel (diverts trib. thru plant
property) at point beneath west solvent
and lacquer storage area.

2-VOA (not acidified)
2-cubes
1-2l
1-org sed
1-inorg sed
(split w Radian)

Sample #5 — 1715

~10ft downstream of drainage pipe

2- VOA 1 org sed

1- 2l 1 inorg sed

2- cubes

split in Radian

Sample #6 — 1730

Blair Fork creek 20' upstream from unnamed trib discharge point

2 VOA

1 2l

2 cubes

1 org sed

1 inorg sed

(split in Radian)

Sample #7 — 1745

Blair Fork Creek downstream from unnamed tributary discharge point

2 VOA

1 2l

2 cubes

1 org sed

1 inorg sed

(split in Radian)

DIVISION OF HEALTH SERVICES
SOLID AND HAZARDOUS WASTE MANAGEMENT BRANCH

Receipt for Samples

The samples described below were collected in connection with the administration, enforcement, and documentation of the:

( ) North Carolina Hazardous Waste Management Rules, 10 NCAC 10F

( ) North Carolina Solid Waste Management Rules, 10 NCAC 10G

(X) Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)

( ) Toxic Substances Control Act (TSCA). 15 U.S.C. §2601, et seq., specifically Section 11 of TSCA, 15 U.S.C. § 2610.

MARK DURWAY / PAT DE ROSA
Inspector's Name

N.C. DIV. OF HEALTH SERVICES
PO BOX 2091 RALEIGH NC 27602
Inspector's Address

THOMASVILLE FURNITURE INDUSTRIES, INC.
Name of Firm

315 ELIZABETH ST. NW LENOIR NC 28645
Firm Address

SHERRY STOOKEY
Firm Owner, Operator, or Agent

SUPERVISOR OF ENVIRONMENTAL COMPLIANCE AND INSPECTION
Title

SAMPLE NUMBER	COLLECTED		SAMPLE TYPE			DUPLICATE SAMPLES			SAMPLE LOCATION	
	DATE	TIME	WATER	SOIL	OTHER	OFFERED	ACCEPTED	REJECTED	ON-SITE	OFF-SITE
1	10/28/87	1600	✓		SED	✓	✓		✓	
2	10/28/87	1618		✓		✓	✓		✓	
3	10/28/87	1630		✓		✓	✓		✓	
4	10/28/87	1650	✓		SED	✓	✓		✓	
5	10/28/87	1715	✓		SED	✓	✓		✓	
6	10/28/87	1730	✓		SED	✓	✓			✓
7	10/28/87	1745	✓		SED	✓	✓			✓

Receipt for the sample(s) described above is hereby acknowledged:

D. Mark Durway
Signature of Inspector

GEOLOGIST NC CERCLA UNIT
Title

Receipt/rejection of duplicate or split samples is hereby acknowledged:

Sherry D. Stookey
Signature of Firm Owner, Operator, or Agent

SUPERVISOR OF ENVIRONMENTAL COMPLIANCE AND INSPECTION
Title

COMMENTS

DIVISION OF HEALTH SERVICES
SOLID AND HAZARDOUS WASTE MANAGEMENT BRANCH

Chain of Custody Record

Hazardous Waste Materials

Location of Sampling: X Generator ___ Transporter ___ Treatment Facilit
___ Storage Facility ___ Disposal Facility ___ Landfill
___ Other: _____

Company's Name THOMASVILLE FURNITURE INDUSTRIES INC Telephone (704) 754-4581

Address 315 ELIZABETH ST NW LENOIR NC 28645

Collector's Name D. Mark Dunway (signature) Telephone (919) 733-2801

Date Sampled 28 OCTOBER 1987 Time Sampled _____

Type of Process Generating Waste FURNITURE MANUFACTURING

Field Information

_____

_____

Field Sample No. 1 _____ _____ _____ _____ _____ _____

_____ _____ _____ _____ _____ _____

Chain of Possession:

1. D. Mark Dunway (signature) — Geologist (title) — 10/28/87 to 11/2/87 (inclusive dates)

2. _____ signature — _____ title — _____ inclusive dates

3. _____ signature — _____ title — _____ inclusive dates

Results reported

_____ signature — _____ title — _____ date

Instructions: Complete all applicable information including signatures, and submit with analysis request forms.

N.C. Department of Human Resources
Division of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Health
P. O. Box 2804
306 N. Wilmington Str
Raleigh, 2761

Site Number 14 D 0542907 70 Field Sample Number 3738

Name of Site Thomasville Furniture Inds Site Location Lenoir, Caldwell Co.

Collected By D. MARK DURWAY ID# 35 Date Collected 10/28/87 Time 16:00

Type of Sample:

Environmental	Concentrate
___ Groundwater (1)	___ Solid (5)
X Surface Water (2)	___ Liquid (6)
___ Soil (3)	___ Sludge (7)
___ Other (4)	___ Other (8)

Comments: #1 site stream (ug) - Background

RECEIVED FEB 1 1988 HAZARDOUS WASTE MANAGEMENT BRANCH CERCLA

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
___ Arsenic		___ Arsenic		___ Silver	
___ Barium		___ Barium		___ Sulfates	
___ Cadmium		___ Cadmium		___ Zinc	
___ Chromium		___ Chloride		___ Ph	
___ Lead		___ Chromium		___ Conductivity	
___ Mercury		___ Copper		___ TDS	
___ Selenium		___ Fluoride		___ TOC	
___ Silver		___ Iron			
		___ Lead			
		___ Manganese			
		___ Mercury			
		___ Nitrate			
		___ Selenium			

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
X P&T:GC/MS		___ EDB		___ Methoxychlor	
___ Acid:B/N Ext.		___ PCB's		___ Toxaphene	
___ TOX		___ Petroleum		___ 2,4-D	
		___ Endrin		___ 2,4,5-TP (silvex)	
		___ Lindane			

MICROBIOLOGY

Parameter
___ (MF) Coliform Colonies/100mls
___ (MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
___ Gross Alpha	
___ Gross Beta	

Date Received 11-2-87 M.B. Date Reported 1-29-88

Date Extracted Date Analyzed 12-1-87 mw

Analyzed By John L. Real Lab Number 702948

#702948-702964

(Revised 7/85)

N.C. Department of Human Resources
Division of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Heal
P. O. Box 2804
306 N. Wilmington Stree
Raleigh, 2761

Site Number 14 D 054290770 Field Sample Number 3739

Name of Site Thomasville Furniture Inds Site Location Lenoir, Caldwell Co.

Collected By D. MARK DURWAY ID# 35 Date Collected 10/28/87 Time 1600

Type of Sample:

Environmental	Concentrate	Comments
___ Groundwater (1)	___ Solid (5)	#1 site stream (ug)/Background
X Surface Water (2)	___ Liquid (6)	
___ Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

RECEIVED FEB 1 1988 HAZARDOUS WASTE MANAGEMENT BRANCH CERCLA

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
___ Arsenic		___ Arsenic		___ Silver	
___ Barium		___ Barium		___ Sulfates	
___ Cadmium		___ Cadmium		___ Zinc	
___ Chromium		___ Chloride		___ Ph	
___ Lead		___ Chromium		___ Conductivity	
___ Mercury		___ Copper		___ TDS	
___ Selenium		___ Fluoride		___ TOC	
___ Silver		___ Iron			
		___ Lead			
		___ Manganese			
		___ Mercury			
		___ Nitrate			
		___ Selenium			

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
___ P&T:GC/MS		___ EDB		___ Methoxychlor	
X Acid:B/N Ext.		___ PCB's		___ Toxaphene	
___ TOX		___ Petroleum		___ 2,4-D	
		___ Endrin		___ 2,4,5-TP (silvex)	
		___ Lindane			

MICROBIOLOGY

Parameter
___ (MF) Coliform Colonies/100mls
___ (MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
___ Gross Alpha	
___ Gross Beta	

Date Received 11-2-87 M.B. Date Reported

Date Extracted 11-16-87 PW VP Date Analyzed 11-25-87 BD

Reported By Lab Number 702849

DHS 3191 (Revised 7/85)
Soil and Hazardous Waste (Revised 7/87)

C. Department of Human Resources
vision of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Heal
P. O. Box 2804
306 N. Wilmington Str
Raleigh, 2761

te Number 14 D 054290770 Field Sample Number 3740

ame of Site Thomasville Furniture Inds Site Location Lenoir, Caldwell Co.

ollected By D. MARK DURWAY ID# 35 Date Collected 10/28/87 Time 1600

ype of Sample:

Environmental	Concentrate	Comments
___ Groundwater (1)	___ Solid (5)	#1 site stream (US) Background SEDIMENT
___ Surface Water (2)	___ Liquid (6)	
___ Soil (3)	___ Sludge (7)	
X Other (4)	___ Other (8)	

RECEIVED
FEB 1 1998
HAZARDOUS WASTE MANAGEMENT BRANCH
CERCLA

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
Arsenic		Arsenic		Silver	
Barium		Barium		Sulfates	
Cadmium		Cadmium		Zinc	
Chromium		Chloride		Ph	
Lead		Chromium		Conductivity	
Mercury		Copper		TDS	
Selenium		Fluoride		TOC	
Silver		Iron			
		Lead			
		Manganese			
		Mercury			
		Nitrate			
		Selenium			

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
X P&T:GC/MS		EDB		Methoxychlor	
Acid:B/N Ext.		PCB's		Toxaphene	
TOX		Petroleum		2,4-D	
		Endrin		2,4,5-TP (silvex)	
		Lindane			

MICROBIOLOGY

Parameter
(MF) Coliform Colonies/100mls
(MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
Gross Alpha	
Gross Beta	

Date Received 11-2-87 M.B. Date Reported

Date Extracted Date Analyzed PT 11-20-87 MW

Reported By Lab Number 702850

DHS 3101 (Revised 7/85)
Sub Lab / Hazardous Waste (Revised 8

N.C. Department of Human Resources
Division of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Health
P. O. Box 2804
306 N. Wilmington Street
Raleigh, 27611

Site Number 14 D 054290770 Field Sample Number 3741

Name of Site Thomasville Furniture Inds Site Location Lenoir, Caldwell Co.

Collected By D. MARK OURWAY ID# 35 Date Collected 10/28/87 Time 1618

Type of Sample:

Environmental	Concentrate	Comments
___ Groundwater (1)	___ Solid (5)	#2 BG
___ Surface Water (2)	___ Liquid (6)	
X Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

RECEIVED FEB 1 1988 HAZARDOUS WASTE MANAGEMENT BRANCH CERCLA

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
Arsenic		Arsenic		Silver	
Barium		Barium		Sulfates	
Cadmium		Cadmium		Zinc	
Chromium		Chloride		Ph	
Lead		Chromium		Conductivity	
Mercury		Copper		TDS	
Selenium		Fluoride		TOC	
Silver		Iron			
		Lead			
		Manganese			
		Mercury			
		Nitrate			
		Selenium			

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
X P&T:GC/MS		EDB		Methoxychlor	
Acid:B/N Ext.		PCB's		Toxaphene	
TOX		Petroleum		2,4-D	
		Endrin		2,4,5-TP (silvex)	
		Lindane			

MICROBIOLOGY

Parameter
(MF) Coliform Colonies/100mls
(MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
Gross Alpha	
Gross Beta	

Date Received 11-2-87 M.B. Date Reported

Date Extracted Date Analyzed PT 11-20-87 mus

Reported By Lab Number 702951

DHS 3191 (Revised 7/85)

C. Department of Human Resources
vision of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Healt
P. O. Box 2804
306 N. Wilmington Stree
Raleigh, 2761

te Number 14 D 054290770 Field Sample Number 3742

ame of Site Thomasville Furniture Hds Site Location Lenoir, Caldwell Co.

ollected By D. MARK DURWAY ID# 35 Date Collected 10/28/87 Time 1630

ype of Sample:

Environmental	Concentrate	Comments
___ Groundwater (1)	___ Solid (5)	#3 waste and [illegible] at solvent
___ Surface Water (2)	___ Liquid (6)	drum storage area
X Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

RECEIVED NOV 1 1988 HAZARDOUS WASTE MANAGEMENT BRANCH CERCLA

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
Arsenic		Arsenic		Silver	
Barium		Barium		Sulfates	
Cadmium		Cadmium		Zinc	
Chromium		Chloride		Ph	
Lead		Chromium		Conductivity	
Mercury		Copper		TDS	
Selenium		Fluoride		TOC	
Silver		Iron			
		Lead			
		Manganese			
		Mercury			
		Nitrate			
		Selenium			

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
P&T:GC/MS		EDB		Methoxychlor	
X Acid:B/N Ext.		PCB's		Toxaphene	
TOX		Petroleum		2,4-D	
		Endrin		2,4,5-TP (silvex)	
		Lindane			

MICROBIOLOGY

Parameter
(MF) Coliform Colonies/100mls
(MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
Gross Alpha	
Gross Beta	

Date Received 11-2-87 M.B. Date Reported

Date Extracted 11-12-87 MW, LB Date Analyzed 12-15-87 BLD

Reported By Lab Number 702952

DHS 3191 (Revised 7/85)

N.C. Department of Human Resources
Division of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Heal
P. O. Box 2804
306 N. Wilmington Str
Raleigh, 2761

Site Number 14 D 054290770 Field Sample Number 3743

Name of Site Thomasville Furniture Inds Site Location Lenoir, Caldwell Co.

Collected By D. MARK DURWAY ID# 35 Date Collected 10/28/87 Time 1650

Type of Sample:

Environmental	Concentrate	Comments
___ Groundwater (1)	___ Solid (5)	#4 site stream DG.
X Surface Water (2)	___ Liquid (6)	
___ Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

RECEIVED
FEB 1 1988
HAZARDOUS WASTE MANAGEMENT BRANCH
CERCLA

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
Arsenic		Arsenic		Silver	
Barium		Barium		Sulfates	
Cadmium		Cadmium		Zinc	
Chromium		Chloride		Ph	
Lead		Chromium		Conductivity	
Mercury		Copper		TDS	
Selenium		Fluoride		TOC	
Silver		Iron			
		Lead			
		Manganese			
		Mercury			
		Nitrate			
		Selenium			

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
X P&T:GC/MS		EDB		Methoxychlor	
Acid:B/N Ext.		PCB's		Toxaphene	
TOX		Petroleum		2,4-D	
		Endrin		2,4,5-TP (silvex)	
		Lindane			

MICROBIOLOGY

Parameter
(MF) Coliform Colonies/100mls
(MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
Gross Alpha	
Gross Beta	

Date Received 11-2-87 M.B. Date Reported

Date Extracted Date Analyzed 12-1-87 nw

Reported By Lab Number 702953

DHS 3191 (Revised 7/85)

C. Department of Human Resources
vision of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Healt
P. O. Box 2804
306 N. Wilmington Stre
Raleigh, 2761

te Number 14 D 054290770 Field Sample Number 3744

ame of Site Thomasville Furniture Inds Site Location Lenoir, Caldwell Co.

ollected By D. MARK DURWAY ID# 35 Date Collected 10/28/87 Time 1650

ype of Sample:

Environmental	Concentrate	Comments
___ Groundwater (1)	___ Solid (5)	#4 site stream DG
X Surface Water (2)	___ Liquid (6)	
___ Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

RECEIVED FEB 1 1988 HAZARDOUS WASTE MANAGEMENT BRANCH CERCLA

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
Arsenic		Arsenic		Silver	
Barium		Barium		Sulfates	
Cadmium		Cadmium		Zinc	
Chromium		Chloride		Ph	
Lead		Chromium		Conductivity	
Mercury		Copper		TDS	
Selenium		Fluoride		TOC	
Silver		Iron			
		Lead			
		Manganese			
		Mercury			
		Nitrate			
		Selenium			

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
P&T:GC/MS		EDB		Methoxychlor	
X Acid:B/N Ext.		PCB's		Toxaphene	
TOX		Petroleum		2,4-D	
		Endrin		2,4,5-TP (silvex)	
		Lindane			

MICROBIOLOGY

Parameter
(MF) Coliform Colonies/100mls
(MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
Gross Alpha	
Gross Beta	

Date Received 11-2-87 M.B. Date Reported

Date Extracted 11-16-87 Date Analyzed 11-25-87 BD

Reported By Lab Number 702854

DHS 3191 (Revised 7/85)

C. Department of Human Resources
vision of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Healt
P. O. Box 2804
306 N. Wilmington Str
Raleigh, 2761

te Number 14 D 054290770 Field Sample Number 3745

ame of Site Thomasville Furniture Inds Site Location Lenoir, Caldwell Co.

ollected By D. MARK DURWAY ID# 35 Date Collected 10/28/87 Time 1650

ype of Sample:

Environmental	Concentrate	Comments
___ Groundwater (1)	___ Solid (5)	#4 site stream sed
___ Surface Water (2)	___ Liquid (6)	
___ Soil (3)	___ Sludge (7)	
X Other (4)	___ Other (8)	

RECEIVED
FEB 1 1988
HAZARDOUS WASTE MANAGEMENT BRANCH
CERCLA

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
Arsenic		Arsenic		Silver	
Barium		Barium		Sulfates	
Cadmium		Cadmium		Zinc	
Chromium		Chloride		Ph	
Lead		Chromium		Conductivity	
Mercury		Copper		TDS	
Selenium		Fluoride		TOC	
Silver		Iron			
		Lead			
		Manganese			
		Mercury			
		Nitrate			
		Selenium			

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
X P&T:GC/MS		EDB		Methoxychlor	
Acid:B/N Ext.		PCB's		Toxaphene	
TOX		Petroleum		2,4-D	
		Endrin		2,4,5-TP (silvex)	
		Lindane			

MICROBIOLOGY

Parameter
(MF) Coliform Colonies/100mls
(MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
Gross Alpha	
Gross Beta	

Date Received 11-2-87 M.B. Date Reported

Date Extracted Date Analyzed PT 11-20-87 nw

Reported By Lab Number 702955

DHS 3191 (Revised 7/85)

C. Department of Human Resources
vision of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Health
P. O. Box 2804
306 N. Wilmington Stree
Raleigh, 2761

te Number 14 D 054290770 Field Sample Number 3746

ame of Site Thomasville Furniture Inds Site Location Lenoir, Caldwell Co.

ollected By D. MARK OURWAY ID# 35 Date Collected 10/28/87 Time 1715

ype of Sample:

Environmental	Concentrate	Comments
___ Groundwater (1)	___ Solid (5)	#5 site stream DG
X Surface Water (2)	___ Liquid (6)	
___ Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

RECEIVED
FEB 1 1988
CERCLA
HAZARDOUS WASTE MANAGEMENT BRANCH

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
Arsenic		Arsenic		Silver	
Barium		Barium		Sulfates	
Cadmium		Cadmium		Zinc	
Chromium		Chloride		Ph	
Lead		Chromium		Conductivity	
Mercury		Copper		TDS	
Selenium		Fluoride		TOC	
Silver		Iron			
		Lead			
		Manganese			
		Mercury			
		Nitrate			
		Selenium			

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
X P&T:GC/MS		EDB		Methoxychlor	
Acid:B/N Ext.		PCB's		Toxaphene	
TOX		Petroleum		2,4-D	
		Endrin		2,4,5-TP (silvex)	
		Lindane			

MICROBIOLOGY

Parameter
(MF) Coliform Colonies/100mls
(MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
Gross Alpha	
Gross Beta	

Date Received 11-2-87 M.B. Date Reported

Date Extracted Date Analyzed 12-1-87 nw

Reported By Lab Number 702956

DHS 3191 (Revised 7/85)
Solid and Hazardous Waste (Revised 7/87)

C. Department of Human Resources
vision of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Heal
P. O. Box 2804
306 N. Wilmington Str
Raleigh, 2761

te Number 14 D 054290770 Field Sample Number 3747

ame of Site Thomasville Furniture Inds Site Location Lenoir, Caldwell Co.

ollected By D. MARK DURWAY ID# 35 Date Collected 10/28/87 Time 1715

ype of Sample:

Environmental	Concentrate	Comments
___ Groundwater (1)	___ Solid (5)	#5 site stream DG
X Surface Water (2)	___ Liquid (6)	
___ Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

RECEIVED
FEB 1 1988
HAZARDOUS WASTE MANAGEMENT BRANCH
CERCLA

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
Arsenic		Arsenic		Silver	
Barium		Barium		Sulfates	
Cadmium		Cadmium		Zinc	
Chromium		Chloride		Ph	
Lead		Chromium		Conductivity	
Mercury		Copper		TDS	
Selenium		Fluoride		TOC	
Silver		Iron			
		Lead			
		Manganese			
		Mercury			
		Nitrate			
		Selenium			

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
P&T:GC/MS		EDB		Methoxychlor	
X Acid:B/N Ext.		PCB's		Toxaphene	
TOX		Petroleum		2,4-D	
		Endrin		2,4,5-TP (silvex)	
		Lindane			

MICROBIOLOGY

Parameter
(MF) Coliform Colonies/100mls
(MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
Gross Alpha	
Gross Beta	

Date Received 11-2-87 M.B. Date Reported

Date Extracted 11-16-87 VP PW Date Analyzed 11-25-87 BD

Reported By Lab Number 702957

DHS 3191 (Revised 7/85)

C. Department of Human Resources
vision of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Healt
P. O. Box 2804
306 N. Wilmington Stre
Raleigh, 2761

te Number 14 D 054290770 Field Sample Number 3748

ame of Site Thomasville Furniture Inds Site Location Lenoir, Caldwell Co.

ollected By D. MARK DURWAY ID# 35 Date Collected 10/28/87 Time 1715

ype of Sample:

Environmental	Concentrate	Comments
___ Groundwater (1)	___ Solid (5)	#5 site stream SEDIMENT (DG)
___ Surface Water (2)	___ Liquid (6)	
___ Soil (3)	___ Sludge (7)	
X Other (4)	___ Other (8)	

RECEIVED
FEB 1 1988
CERCLA
HAZARDOUS WASTE MANAGEMENT BRANCH

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
Arsenic		Arsenic		Silver	
Barium		Barium		Sulfates	
Cadmium		Cadmium		Zinc	
Chromium		Chloride		Ph	
Lead		Chromium		Conductivity	
Mercury		Copper		TDS	
Selenium		Fluoride		TOC	
Silver		Iron			
		Lead			
		Manganese			
		Mercury			
		Nitrate			
		Selenium			

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
X P&T:GC/MS		EDB		Methoxychlor	
Acid:B/N Ext.		PCB's		Toxaphene	
TOX		Petroleum		2,4-D	
		Endrin		2,4,5-TP (silvex)	
		Lindane			

MICROBIOLOGY

Parameter
(MF) Coliform Colonies/100mls
(MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
Gross Alpha	
Gross Beta	

Date Received 11-2-87 M.B. Date Reported

Date Extracted Date Analyzed PT 11-30-87 MW

Reported By Lab Number 702558

DHS 3191 (Revised 7/85)

C. Department of Human Resources
vision of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Healt
P. O. Box 2804
306 N. Wilmington Str
Raleigh, 2761

te Number 14 D 054290770 Field Sample Number 3749

ame of Site Thomasville Furniture Inds Site Location Lenoir, Caldwell Co.

ollected By D. MARK DURWAY ID# 35 Date Collected 10/28/87 Time 1730

ype of Sample:

Environmental	Concentrate	Comments
___ Groundwater (1)	___ Solid (5)	#6 Blair Fork Creek (UG)
X Surface Water (2)	___ Liquid (6)	
___ Soil (3)	___ Sludge (7)	presence of Dioxolane ?
___ Other (4)	___ Other (8)	

RECEIVED FEB 4 CERCLA HAZARDOUS WASTE MANAGEMENT BRANCH

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
___ Arsenic		___ Arsenic		___ Silver	
___ Barium		___ Barium		___ Sulfates	
___ Cadmium		___ Cadmium		___ Zinc	
___ Chromium		___ Chloride		___ Ph	
___ Lead		___ Chromium		___ Conductivity	
___ Mercury		___ Copper		___ TDS	
___ Selenium		___ Fluoride		___ TOC	
___ Silver		___ Iron			
		___ Lead			
		___ Manganese			
		___ Mercury			
		___ Nitrate			
		___ Selenium			

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
X P&T:GC/MS		___ EDB		___ Methoxychlor	
___ Acid:B/N Ext.		___ PCB's		___ Toxaphene	
___ TOX		___ Petroleum		___ 2,4-D	
		___ Endrin		___ 2,4,5-TP (silvex)	
		___ Lindane			

MICROBIOLOGY

Parameter
___ (MF) Coliform Colonies/100mls
___ (MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
___ Gross Alpha	
___ Gross Beta	

Date Received 11-2-87 M.B. Date Reported

Date Extracted Date Analyzed 12-1-87 nw

Reported By Lab Number 702859

DHS 3191 (Revised 7/85)

C. Department of Human Resources
vision of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Healt
P. O. Box 2804
306 N. Wilmington Str
Raleigh, 2761

te Number 14 D 054290770 Field Sample Number 3750

ame of Site Thomasville Furniture Inds. Site Location Lenoir, Caldwell Co.

ollected By D. MARK DURWAY ID# 35 Date Collected 10/28/87 Time 1730

ype of Sample:

Environmental	Concentrate	Comments
___ Groundwater (1)	___ Solid (5)	#6 Blair Fork Creek UG
X Surface Water (2)	___ Liquid (6)	
___ Soil (3)	___ Sludge (7)	presence of dioxazine
___ Other (4)	___ Other (8)	

RECEIVED
FEB 1 1988
HAZARDOUS WASTE MANAGEMENT BRANCH
CERCLA

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
Arsenic		Arsenic		Silver	
Barium		Barium		Sulfates	
Cadmium		Cadmium		Zinc	
Chromium		Chloride		Ph	
Lead		Chromium		Conductivity	
Mercury		Copper		TDS	
Selenium		Fluoride		TOC	
Silver		Iron			
		Lead			
		Manganese			
		Mercury			
		Nitrate			
		Selenium			

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
P&T:GC/MS		EDB		Methoxychlor	
X Acid:B/N Ext.		PCB's		Toxaphene	
TOX		Petroleum		2,4-D	
		Endrin		2,4,5-TP (silvex)	
		Lindane			

MICROBIOLOGY

Parameter
(MF) Coliform Colonies/100mls
(MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
Gross Alpha	
Gross Beta	

Date Received 11-2-87 M.B. Date Reported

Date Extracted 11-11-87 Date Analyzed 11-25-87 BQ

Reported By Lab Number 702860

DHS 3191 (Revised 7/85)

C. Department of Human Resources
vision of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Heal
P. O. Box 2804
306 N. Wilmington Str
Raleigh, 2761

te Number 14 D 054290770 Field Sample Number 3757

ame of Site Thomasville Furniture Inds Site Location Lenoir, Caldwell Co.

ollected By D. MARK DURWAY ID# 35 Date Collected 10/28/87 Time 1730

ype of Sample:

Environmental	Concentrate	Comments
___ Groundwater (1)	___ Solid (5)	#6 Blair Fork Creek SEDIMENT (ug)
___ Surface Water (2)	___ Liquid (6)	
___ Soil (3)	___ Sludge (7)	presence of Dioxolane ?
X Other (4)	___ Other (8)	

RECEIVED 1988 CERCLA HAZARDOUS WASTE MANAGEMENT BRANCH

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
___ Arsenic		___ Arsenic		___ Silver	
___ Barium		___ Barium		___ Sulfates	
___ Cadmium		___ Cadmium		___ Zinc	
___ Chromium		___ Chloride		___ Ph	
___ Lead		___ Chromium		___ Conductivity	
___ Mercury		___ Copper		___ TDS	
___ Selenium		___ Fluoride		___ TOC	
___ Silver		___ Iron			
		___ Lead			
		___ Manganese			
		___ Mercury			
		___ Nitrate			
		___ Selenium			

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
X P&T:GC/MS		___ EDB		___ Methoxychlor	
___ Acid:B/N Ext.		___ PCB's		___ Toxaphene	
___ TOX		___ Petroleum		___ 2,4-D	
		___ Endrin		___ 2,4,5-TP (silvex)	
		___ Lindane			

MICROBIOLOGY

Parameter
___ (MF) Coliform Colonies/100mls
___ (MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
___ Gross Alpha	
___ Gross Beta	

Date Received 11-2-87 M.B. Date Reported

Date Extracted Date Analyzed PT 11-30-87 mw

Reported By Lab Number 702861

DHS 3191 (Revised 7/85)

C. Department of Human Resources
vision of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Heal
P. O. Box 2804
306 N. Wilmington Str
Raleigh, 2761

te Number 14 D 054290770 Field Sample Number 3752

ame of Site Thomasville Furniture Inds Site Location Lenoir, Caldwell Co.

ollected By D. MARK DURWAY ID# 35 Date Collected 10/28/87 Time 1745

ype of Sample:

Environmental	Concentrate	Comments
___ Groundwater (1)	___ Solid (5)	#7 Blair Fork Creek (DG
X Surface Water (2)	___ Liquid (6)	
___ Soil (3)	___ Sludge (7)	presence of Dioxolane ?
___ Other (4)	___ Other (8)	

RECEIVED FEB 1 1988 HAZARDOUS WASTE MANAGEMENT BRANCH CERCLA

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
___ Arsenic		___ Arsenic		___ Silver	
___ Barium		___ Barium		___ Sulfates	
___ Cadmium		___ Cadmium		___ Zinc	
___ Chromium		___ Chloride		___ Ph	
___ Lead		___ Chromium		___ Conductivity	
___ Mercury		___ Copper		___ TDS	
___ Selenium		___ Fluoride		___ TOC	
___ Silver		___ Iron			
		___ Lead			
		___ Manganese			
		___ Mercury			
		___ Nitrate			
		___ Selenium			

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
X P&T:GC/MS		___ EDB		___ Methoxychlor	
___ Acid:B/N Ext.		___ PCB's		___ Toxaphene	
___ TOX		___ Petroleum		___ 2,4-D	
		___ Endrin		___ 2,4,5-TP (silvex)	
		___ Lindane			

MICROBIOLOGY

Parameter
___ (MF) Coliform Colonies/100mls
___ (MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
___ Gross Alpha	
___ Gross Beta	

Date Received 11-2-87 M.B. Date Reported

Date Extracted Date Analyzed 12-1-87 MW

Reported By Lab Number 702562

DHS 3191 (Revised 7/85)

C. Department of Human Resources
vision of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Healt
P. O. Box 2804
306 N. Wilmington Stre
Raleigh, 2761

te Number 14 D 054290770 Field Sample Number 3753

ame of Site Thomasville Furniture Inds Site Location Lenoir, Caldwell Co.

ollected By D. MARK DURWAY ID# 35 Date Collected 10/28/87 Time 1745

ype of Sample:

Environmental	Concentrate	Comments
___ Groundwater (1)	___ Solid (5)	#7 Blair Fork Creek (DG)
X Surface Water (2)	___ Liquid (6)	
___ Soil (3)	___ Sludge (7)	presence of Dioxolane ?
___ Other (4)	___ Other (8)	

RECEIVED
FEB 10 1988
HAZARDOUS WASTE MANAGEMENT BRANCH
CERCLA

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
___ Arsenic		___ Arsenic		___ Silver	
___ Barium		___ Barium		___ Sulfates	
___ Cadmium		___ Cadmium		___ Zinc	
___ Chromium		___ Chloride		___ Ph	
___ Lead		___ Chromium		___ Conductivity	
___ Mercury		___ Copper		___ TDS	
___ Selenium		___ Fluoride		___ TOC	
___ Silver		___ Iron			
		___ Lead			
		___ Manganese			
		___ Mercury			
		___ Nitrate			
		___ Selenium			

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
___ P&T:GC/MS		___ EDB		___ Methoxychlor	
X Acid:B/N Ext.		___ PCB's		___ Toxaphene	
___ TOX		___ Petroleum		___ 2,4-D	
		___ Endrin		___ 2,4,5-TP (silvex)	
		___ Lindane			

MICROBIOLOGY

Parameter
___ (MF) Coliform Colonies/100mls
___ (MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
___ Gross Alpha	
___ Gross Beta	

Date Received 11-2-87 M.B. Date Reported

Date Extracted 11-20-87 MW UP 7/11 Date Analyzed 12-16-87 BD

Reported By Lab Number 702953

DHS 3191 (Revised 7/85)

C. Department of Human Resources
vision of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Healt
P. O. Box 2804
306 N. Wilmington Str
Raleigh, 2761

te Number 14 D 054290770 Field Sample Number 3754

ame of Site Thomasville Furniture Inds Site Location Lenoir, Caldwell Co.

ollected By D. MARK DURWAY ID# 35 Date Collected 10/28/87 Time 1745

ype of Sample:

Environmental	Concentrate	Comments
___ Groundwater (1)	___ Solid (5)	#7 Blair Fork Ck SEDIMENT (DG)
___ Surface Water (2)	___ Liquid (6)	
___ Soil (3)	___ Sludge (7)	presence of Dioxigine ?
X Other (4)	___ Other (8)	

RECEIVED FEB 1 1988 HAZARDOUS WASTE MANAGEMENT BRANCH CERCLA

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
___ Arsenic		___ Arsenic		___ Silver	
___ Barium		___ Barium		___ Sulfates	
___ Cadmium		___ Cadmium		___ Zinc	
___ Chromium		___ Chloride		___ Ph	
___ Lead		___ Chromium		___ Conductivity	
___ Mercury		___ Copper		___ TDS	
___ Selenium		___ Fluoride		___ TOC	
___ Silver		___ Iron			
		___ Lead			
		___ Manganese			
		___ Mercury			
		___ Nitrate			
		___ Selenium			

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
X P&T:GC/MS		___ EDB		___ Methoxychlor	
___ Acid:B/N Ext.		___ PCB's		___ Toxaphene	
___ TOX		___ Petroleum		___ 2,4-D	
		___ Endrin		___ 2,4,5-TP (silvex)	
		___ Lindane			

MICROBIOLOGY

Parameter
___ (MF) Coliform Colonies/100mls
___ (MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
___ Gross Alpha	
___ Gross Beta	

Date Received 11-2-87 M.B. Date Reported

Date Extracted Date Analyzed PT 11-30-87 mw

Reported By Lab Number 702S84

DHS 3191 (Revised 7/85)

SOLID AND HAZARDOUS WASTE MANAGEMENT BRANCH

0

Chain of Custody Record

Hazardous Waste Materials

Location of Sampling: X Generator ___ Transporter ___ Treatment Facili
___ Storage Facility ___ Disposal Facility ___ Landfill
___ Other: ___

Company's Name THOMASVILLE FURNITURE INDUSTRIES INC Telephone (704) 754-4581

Address 315 ELIZABETH ST NW LENOIR NC 28645

Collector's Name D. Mark Dewey (signature) Telephone (919) 733-2801

Date Sampled 28 OCTOBER 1987 Time Sampled ___

Type of Process Generating Waste FURNITURE MANUFACTURING

Field Information

Field Sample No. 3738 3739 3740 3741 3742 3743 3744
3745 3746 3747 3748 3749 3750 3751
3752 3753 3754

Chain of Possession:

	signature	title	inclusive dates
1.	D. Mark Dewey	Geologist	10/28/87 to 11/2/87
2.	Vicki S. Printer	Chemical Analyst II	11-2-87
3.			

Results reported

signature	title	date

Instructions: Complete all applicable information including signatures, and submit with analysis request forms.

DIVISION OF HEALTH SERVICES
SOLID AND HAZARDOUS WASTE MANAGEMENT BRANCH

Receipt for Samples

The samples described below were collected in connection with the administration, enforcement, and documentation of the:

( ) North Carolina Hazardous Waste Management Rules, 10 NCAC 10F

( ) North Carolina Solid Waste Management Rules, 10 NCAC 10G

(X) Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)

( ) Toxic Substances Control Act (TSCA). 15 U.S.C. §2601, et seq., specifically Section 11 of TSCA, 15 U.S.C. § 2610.

MARK DURWAY / PAT DEROSA — Inspector's Name

N.C. DIV. OF HEALTH SERVICES, PO BOX 2091 RALEIGH NC 27602 — Inspector's Address

THOMASVILLE FURNITURE INDUSTRIES, INC. — Name of Firm

315 ELIZABETH ST. NW LENOIR NC 28645 — Firm Address

SHERRY STOOKEY — Firm Owner, Operator, or Agent

SUPERVISOR OF ENVIRONMENTAL COMPLIANCE AND INSPECTION — Title

SAMPLE NUMBER	COLLECTED		SAMPLE TYPE			DUPLICATE SAMPLES			SAMPLE LOCATION	
	DATE	TIME	WATER	SOIL	OTHER	OFFERED	ACCEPTED	REJECTED	ON-SITE	OFF-SITE
1	10/28/87	1600	✓		SED	✓	✓		✓	
2	10/28/87	1618		✓		✓	✓		✓	
3	10/28/87	1630		✓		✓	✓		✓	
4	10/28/87	1650	✓		SED	✓	✓		✓	
5	10/28/87	1715	✓		SED	✓	✓		✓	
6	10/28/87	1730	✓		SED	✓	✓			✓
7	10/28/87	1745	✓		SED	✓	✓			✓

Receipt for the sample(s) described above is hereby acknowledged:

D. Mark Durway
Signature of Inspector

GEOLOGIST NC CERCLA UNIT
Title

Receipt/rejection of duplicate or split samples is hereby acknowledged:

Sherry D. Stookey
Signature of Firm Owner, Operator, or Agen

SUPERVISOR OF ENVIRONMENTAL COMPLIANCE AND INSPECTION
Title

COMMENTS

STATE LABORATORY OF PUBLIC HEALTH
DIVISION OF HEALTH SERVICES, N.C. DEPARTMENT OF HUMAN RESOURCES
P.O. BOX 28047 - 306 N. WILMINGTON, ST., RALEIGH, N.C. 27611

ORGANIC CHEMICAL ANALYSIS

BASE/NEUTRAL AND ACID EXTRACTABLES	LAB NO	702949	702952	702954	702957	702960	702963
	FIELD #	3739	3742	3744	3747	3750	3753
COMPOUND	TYPE	(2)	(3)	(2)	(2)	(2)	(2)
	UNITS	(µg/l) µg/kg	µg/l (µg/kg)	(µg/l) µg/kg	(µg/l) µg/kg	(µg/l) µg/kg	(µg/l) µg/kg
N-nitrosodimethylamine	10/330	U	U	U	U	U	U
bis(2-chloroethyl)ether							
2-chlorophenol							
phenol							
1,3-dichlorobenzene							
1,4-dichlorobenzene							
1,2-dichlorobenzene							
bis(2-chloroisopropyl)ether							
hexachloroethane							
N-nitroso-di-n-propylamine							
nitrobenzene							
isophorone							
2-nitrophenol							
2,4-dimethylphenol							
bis(2-chloroethoxy)methane							
2,4-dichlorophenol							
1,2,4-trichlorobenzene							
naphthalene							
hexachlorobutadiene							
4-chloro-m-cresol							
hexachlorocyclopentadiene							
2,4,6-trichlorophenol							
2-chloronaphthalene							
acenaphthylene							
dimethyl phthalate							
2,6-dinitrotoluene							
acenaphthene							
2,4-dinitrophenol	50/1650						
2,4-dinitrotoluene	10/330						
4-nitrophenol	50/1650						
fluorene	10/330						
4-chlorophenylphenylether							
diethyl phthalate							
4,6-dinitro-o-cresol	50/1650						
diphenylamine							
azobenzene							
4-bromophenylphenylether	10/330						
hexachlorobenzene	10/330						
pentachlorophenol	50/1650						
phenanthrene	10/330						
anthracene							
dibutyl phthalate			2700				
fluoranthene			U				

MDL H_2O/SOIL

J - Estimated value.
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit. MDL
NA - Not analyzed.
1/ - Tentative identification.
2/ - On NRDC List of Priority Pollutants.

N.C. Division of Health Services
DHS 3068-0 (4/86 Laboratory)

STATE LABORATORY OF PUBLIC HEALTH
DIVISION OF HEALTH SERVICES, N.C. DEPARTMENT OF HUMAN RESOURCES
P.O. BOX 28047 - 306 N. WILMINGTON, ST., RALEIGH, N.C. 27611

ORGANIC CHEMICAL ANALYSIS

BASE/NEUTRAL AND ACID EXTRACTABLES	LAB NO	702949	702952	702954	702957	702960	702963
	FIELD #	3739	3742	3744	3747	3750	3753
COMPOUND	TYPE	(2)	(3)	(2)	(2)	(2)	(2)
	UNITS	µg/l ~~µg/kg~~	~~µg/l~~ µg/kg	µg/l ~~µg/kg~~	µg/l ~~µg/kg~~	µg/l ~~µg/kg~~	µg/l ~~µg/kg~~
pyrene	10/330	u	u	u	u	u	u
benzidine	50/1650						
butyl benzyl phthalate	10/330						
benz(a)anthracene							
chrysene							
3,3-dichlorobenzidine	50/1650						
bis(2-ethylhexyl)phthalate	10/330		552,000				
di-n-octyl phthalate	10/330		u				
benzo(b)fluoranthene	50/1650						
benzo(k)fluoranthene							
benzo(a)pyrene							
indeno(1,2,3-cd)pyrene							
dibenzo(a,h)anthracene							
benzo(g,h,i)perylene							
aniline	50/1650	u	u	u	u	u	u
benzoic acid							
benzyl alcohol							
4-chloroaniline	10/330						
dibenzofuran							
2-methylnaphthalene							
2-methylphenol							
4-methylphenol							
2-nitroaniline	50/1650						
3-nitroaniline							
4-nitroaniline							
2,4,5-trichlorophenol							

MDL H_2O/SOIL

J - Estimated value.
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit. MDL
NA - Not analyzed.
1/ - Tentative identification.
2/ - On NRDC List of Priority Pollutants.

N.C. Division of Health Services
DHS 3068-0 (4/86 Laboratory)

STATE LABORATORY OF PUBLIC HEALTH
DIVISION OF HEALTH SERVICES, N.C. DEPARTMENT OF HUMAN RESOURCES
P.O. BOX 28047 - 306 N. WILMINGTON, ST., RALEIGH, N.C. 27611

ORGANIC CHEMICAL ANALYSIS

PURGEABLE COMPOUNDS	LAB NO	702948	702950	702951	702953	702955	702956
	FIELD #	3738	3740	3741	3743	3745	3746
COMPOUND	TYPE	(2)	(4)	(3)	(1)	(4)	(2)
	UNITS	µg/l µg/kg	µg/l µg/kg	µg/l µg/kg	µg/l µg/kg	µg/l µg/kg	µg/l µg/kg
chloromethane	10	U	U	U	U	U	U
bromomethane	10						
dichlorodifluoromethane	20						
vinyl chloride	10						
chloroethane	10						
methylene chloride	5						
trichlorofluoromethane	20						
ethene, 1,1-dichloro	5						
ethane, 1,1-dichloro-							
1,2-trans-dichloroethene							
chloroform							
ethane, 1,2-dichloro-							
ethane, 1,1,1-trichloro-							
carbontetrachloride							
bromodichloromethane							
propane, 1,2-dichloro-							
1,3-trans-dichloropropene							
trichloroethylene							
chlorodibromomethane							
benzene							
ethane, 1,1,2-trichloro-							
1,3-cis-dichloropropene							
2-chloroethyl vinyl ether	10						
bromoform	5						
ethane, 1,1,2,2-tetrachloro-							
ethene, tetrachloro-							
toluene							
chlorobenzene							
ethylbenzene							
acetone	10	U	U	U	U	U	U
2-butanone	10						
carbondisulfide	5						
2-hexanone	10						
4-methyl-2-pentanone	10						
styrene	5						
vinyl acetate	10						
xylenes (total)	5						
	MDL						
	µg/l (water)						

J - Estimated value.
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
NA - Not analyzed.
1/ - Tentative identification.
2/ - On NRDC List of Priority Pollutants.

N.C. Division of Health Services

DHS 3068-O (4/86 Laboratory)

STATE LABORATORY OF PUBLIC HEALTH
DIVISION OF HEALTH SERVICES, N.C. DEPARTMENT OF HUMAN RESOURCES
P.O. BOX 28047 - 306 N. WILMINGTON, ST., RALEIGH, N.C. 27611

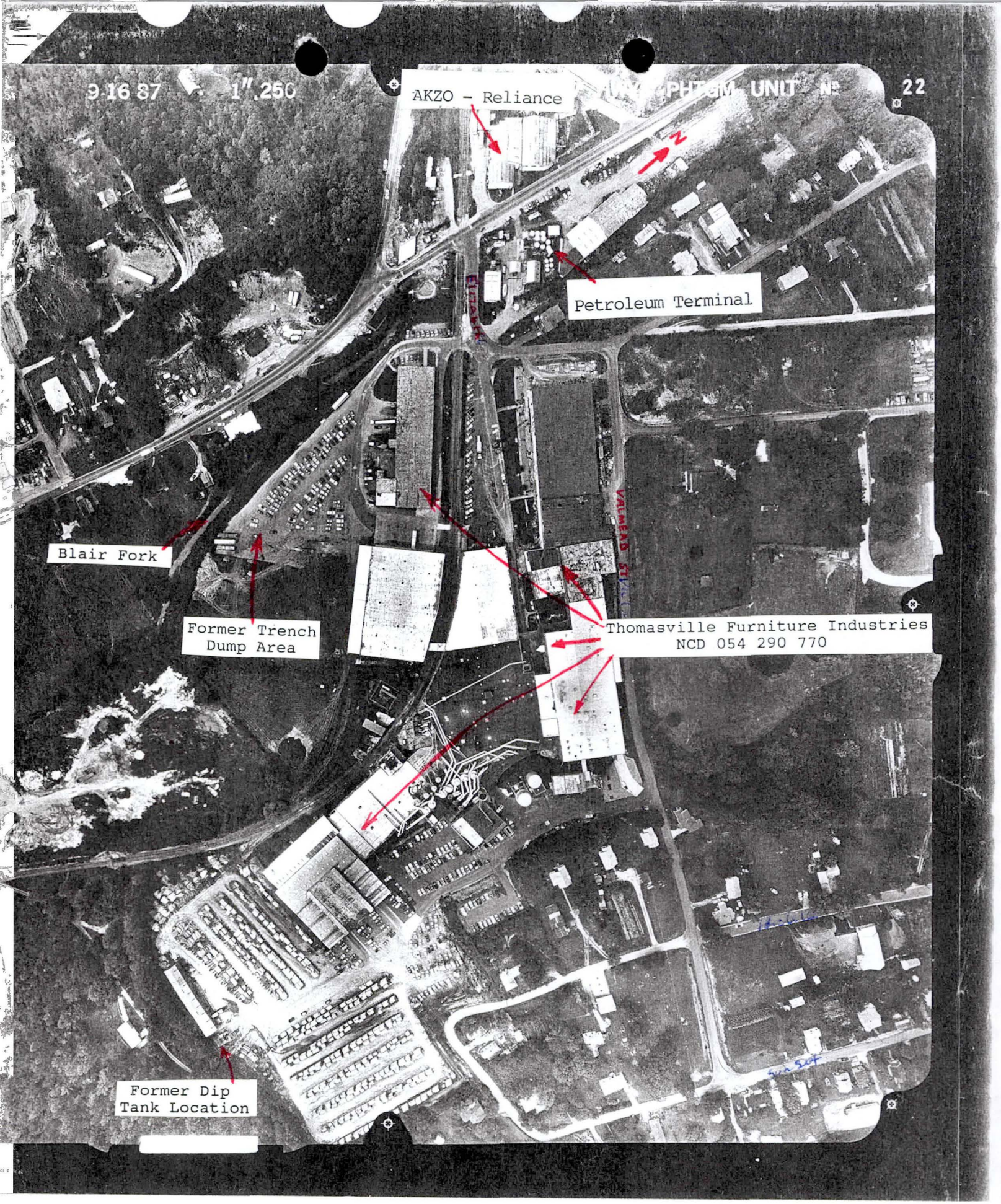
ORGANIC CHEMICAL ANALYSIS

PURGEABLE COMPOUNDS	LAB NO	702958	702959	702961	702962	702964	
	FIELD #	3748	3749	3751	3752	3754	
COMPOUND	TYPE	(4)	(2)	(4)	(2)	(4)	( )
	UNITS	µg/l µg/kg	µg/l µg/kg	µg/l µg/kg	µg/l µg/kg	µg/l µg/kg	µg/l µg/kg
chloromethane	10	u	u	u	u	u	
bromomethane	10						
dichlorodifluoromethane	20						
vinyl chloride	10						
chloroethane	10						
methylene chloride	5						
trichlorofluoromethane	20						
ethene, 1,1-dichloro	5						
ethane, 1,1-dichloro-							
1,2-trans-dichloroethene							
chloroform							
ethane, 1,2-dichloro-							
ethane, 1,1,1-trichloro-							
carbontetrachloride							
bromodichloromethane							
propane, 1,2-dichloro-							
1,3-trans-dichloropropene							
trichloroethylene							
chlorodibromomethane							
benzene							
ethane, 1,1,2-trichloro-							
1,3-cis-dichloropropene							
2-chloroethyl vinyl ether	10						
bromoform	5						
ethane, 1,1,2,2-tetrachloro-							
ethene, tetrachloro-							
toluene							
chlorobenzene							
ethylbenzene							
acetone	10	u	u	u	u	u	
2-butanone	10						
carbondisulfide	5						
2-hexanone	10						
4-methyl-2-pentanone	10						
styrene	5						
vinyl acetate	10						
xylenes (total)	5						
	MDL						
	µg/l						
	(water)						

J - Estimated value.
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
NA - Not analyzed.
1/ - Tentative identification.
2/ - On NRDC List of Priority Pollutants.

N.C. Division of Health Services

DHS 3068-O (4/86 Laboratory)



N.C. DOT Aerial Photograph, 9/16/87
1" = 250'

North Carolina Department of Human Resources
Division of Health Services
P.O. Box 2091 • Raleigh, North Carolina 27602-2091

James G. Martin, Governor
David T. Flaherty, Secretary

Ronald H. Levine, M.D., M.P.H.
State Health Director

September 3, 1987

Ms. Denise Smith
EPA NC CERCLA Project Officer
EPA Region IV Waste Division
345 Courtland Street, N.E.
Atlanta, GA 30365

Dear Ms. Smith:

RE: Preliminary Assessment Report
Thomasville Furniture Industries
NC D054290770

Please find attached the Preliminary Assessment Report for the subject site. This report is based on documents on file at this office, and on communication with persons knowledgeable of this site.

The thirty acre Thomasville Furniture Industries site has been used for furniture manufacturing by various companies since the early 1900s. Wastes generated at the facility have included flammable D001 solids and non-halogenated F003 and F005 solvents. Thomasville Furniture operated an incinerator on the site until 1983. Presently the facility is regulated as a RCRA large quantity generator.

Sherry Stookey of Thomasville Furniture Industries has indicated that between 1975 and 1979, scrapings from filler and lacquer booths were disposed in on-site trenches, along with solidified formaldehyde-based and poly vinyl acetate-based glues. It has also been reported that formaldehyde-based glue spill once caused a release to a nearby tributary. The facility has underground storage tanks for fuel oil, naptha, and varsol.

There are an estimated 1694 ground water users within three miles of Thomasville Furniture whose water supply could potentially be impacted from past waste handling practices at the site. Although there is no indication that the Thomasville Furniture site poses a public health threat at present, it is recommended that a site inspection be conducted. Priority assigned for inspection is Medium.

On September 3, 1987, this Preliminary Assessment was reviewed by CERCLA Unit personnel, and by the following representatives from the North Carolina Department of Natural Resources and Community Development, Division of Environmental Management: Glenn Ross, Air Quality Section, and; Vince Schneider, Water Quality Section.

Please contact me at (919) 733-2801, if you have any questions concerning this report.

Sincerely,

D. Mark Durway

D. Mark Durway, Geologist
CERCLA Unit
Solid and Hazardous Waste Management Branch
Environmental Health Section

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART I - INFORMATION AND ASSESSMENT

I. IDENTIFICATION
01 STATE: NC | 02 SITE NUMBER: D 0542900770

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site): Thomasville Furniture Industries
02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER: Blowing Rock Highway

03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG DIST
Lenoir	NC	28645	Caldwell	14	10

09 COORDINATES: LATITUDE 35°56'10" | LONGITUDE 81°32'10"

10 DIRECTIONS TO SITE (Starting from nearest public road) From downtown Lenoir, take Main Street 1.2 miles miles north. Find facility on right.

III RESPONSIBLE PARTIES

01 OWNER (If known): Armstrong World Industries, Inc.
02 STREET (Business, mailing, residential): PO Box 339

03 CITY	04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER
Thomasville	NC	27360	(919) 472-4000

07 OPERATOR (If known and different from owner): Thomasville Furniture Industries
08 STREET (Business, mailing, residential): Blowing Rock Highway

09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER
Lenoir	NC	28645	(704) 754-4581

13 TYPE OF OWNERSHIP (Check one)
[x] A. PRIVATE [ ] B. FEDERAL: _____ (Agency) [ ] C. STATE [ ] D. COUNTY [ ] E. MUNICIPAL
[ ] F. OTHER: _____ (Specify) [ ] G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply) (CERCLA 103c)
[x] A. RCRA 3001 DATE RECEIVED: 5/15/86 RCRA Part A on 11-17-80 [ ] B. UNCONTROLLED WASTE SITE DATE RECEIVED [ ] C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION BY (Check all that apply)
[ ] YES DATE [ ] A. EPA [ ] B. EPA CONTRACTOR [ ] C. STATE [ ] D. OTHER CONTRACTOR
[ ] E. LOCAL HEALTH OFFICIAL [ ] F. OTHER: _____
[x] NO CONTRACTOR NAME(s): _____

02 SITE STATUS (Check one)
[x] A. ACTIVE [ ] B. INACTIVE [ ] C. UNKNOWN

03 YEARS OF OPERATION
Early 1900's, 1 (Thomasville Furniture Industries acquired plant in 1968.) [ ] UNKNOWN
BEGINNING YEAR ENDING YEAR

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED This 30 acre site has been used for furniture manufacturing since the early 1900's. Wastes known to have been generated on-site have included flammable solids (D001) and non-halogenated solvents (F003 and F005). Thomasville Furniture operated an incinerator until the

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION early 1980's, and is currently classified as a large generator. Between 1975 and 1979, scrapings from filler and lacquer booths were disposed in on-site trenches, along with solidified formaldehyde-based and poly vinyl acetate-based glues. Reported formaldehyde-based glue spill into nearby tributary. Fuel oil, naptha, and varsol underground tanks. Estimated 1694 ground water users within 3 mi. of site.

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste information and Part 3 - Description of Hazardous Conditions and Incidents)
[ ] A. HIGH (Inspection required promptly) [X] B. MEDIUM (Inspection required) [ ] C. LOW (Inspection on time available basis) [ ] D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)	03 TELEPHONE NUMBER
Sherry Stookey, Environ. Compliance	Armstrong World Inds., Thomasville, NC	(919) 472-4000

02 PERSON RESPONSIBLE FOR ASSESSMENT	05 AGENCY	ORGANIZATION	03 TELEPHONE NUMBER	08 DATE
D. Mark Durway	NC S&HW Mg	CERCLA	(919) 733-2801	8/5/87

EPA FORM 2070-12 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NC	D054290770

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

- [X] A. SOLID
- [ ] B. POWDER, FINES
- [ ] C. SLUDGE
- [ ] D. OTHER _____ (Specify)
- [ ] E. SLURRY
- [ ] F. LIQUID
- [ ] G. GAS

02 WASTE QUANTITY AT SITE (Measures of waste quantities must be independent)

TONS _____
CUBIC YARDS unknown
NO. OF DRUMS _____

03 WASTE CHARACTERISTICS (Check all that apply)

- ?-[X] A. TOXIC
- [ ] B. CORROSIVE
- [ ] C. RADIOACTIVE
- [ ] D. PERSISTENT
- [ ] E. SOLUBLE
- [ ] F. INFECTIOUS
- [X] G. FLAMMABLE
- [ ] H. IGNITABLE
- [ ] I. HIGHLY VOLATILE
- [ ] J. EXPLOSIVE
- [ ] K. REACTIVE
- [ ] L. INCOMPATIBLE
- [ ] M. NOT APPLICABLE

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			
OLW	OILY WASTE			
SOL	SOLVENTS	unknown		wastes were disposed in on-site
PSD	PESTICIDES			trenches between 1975 and 1979.
OCC	OTHER ORGANIC CHEMICALS	unknown		
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS			

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
SOL	non-haloq. solvents	------	stored or incinerated on-site		
OOC	spray booth scrapings	------	buried on-site		
OOC	dried glues	-------	"		

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

1) Files at NC S&HWM
2) Sherry Stookey of Thomasville Furniture Industries, pers. comm., 8-31-87
3) Records from the NC Public Water Supply Branch, Raleigh, NC

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NC	D054290770

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 [X] A. GROUNDWATER CONTAMINATION — 02 [ ] OBSERVED (DATE: _____) — [X] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

UNKNOWN

01 [X] B. SURFACE WATER CONTAMINATION — 02 [ ] OBSERVED (DATE: UNKNOWN) — [X] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

Formaldehyde based glue reported to have spilled into near-site tributary.

01 [ ] C. CONTAMINATION OF AIR — 02 [ ] OBSERVED (DATE: _____) — [ ] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

UNKNOWN

01 [ ] D. FIRE/EXPLOSIVE CONDITIONS — 02 [ ] OBSERVED (DATE: _____) — [ ] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

UNKNOWN

01 [X] E. DIRECT CONTACT — 02 [ ] OBSERVED (DATE: _____) — [X] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

UNKNOWN

01 [X] F. CONTAMINATION OF SOIL — 02 [ ] OBSERVED (DATE: _____) — [X] POTENTIAL — [ ] ALLEGED
03 AREA POTENTIALLY AFFECTED: _____ (Acres) — 04 NARRATIVE DESCRIPTION

Potentially hazardous wastes were disposed into on-site trenches between 1975 and 1979.

01 [X] G. DRINKING WATER CONTAMINATION — 02 [ ] OBSERVED (DATE: _____) — [X] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

UNKNOWN

01 [X] H. WORKER EXPOSURE/INJURY — 02 [ ] OBSERVED (DATE: _____) — [X] POTENTIAL — [ ] ALLEGED
03 WORKERS POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

UNKNOWN

01 [ ] I. POPULATION EXPOSURE/INJURY — 02 [ ] OBSERVED (DATE: _____) — [ ] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

UNKNOWN

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NC	D054290770

II. HAZARDOUS CONDITIONS AND INCIDENTS *(Continued)*

01 ☐ J. DAMAGE TO FLORA — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

UNKNOWN

01 ☒ K. DAMAGE TO FAUNA — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION *(Include name(s) of species)*

UNKNOWN

01 ☒ L. CONTAMINATION OF FOOD CHAIN — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

UNKNOWN

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES *(Spills/runoff/standing liquids/leaking drums)* — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

UNKNOWN

01 ☒ N. DAMAGE TO OFFSITE PROPERTY — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

UNKNOWN

01 ☒ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

UNKNOWN

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

UNKNOWN

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

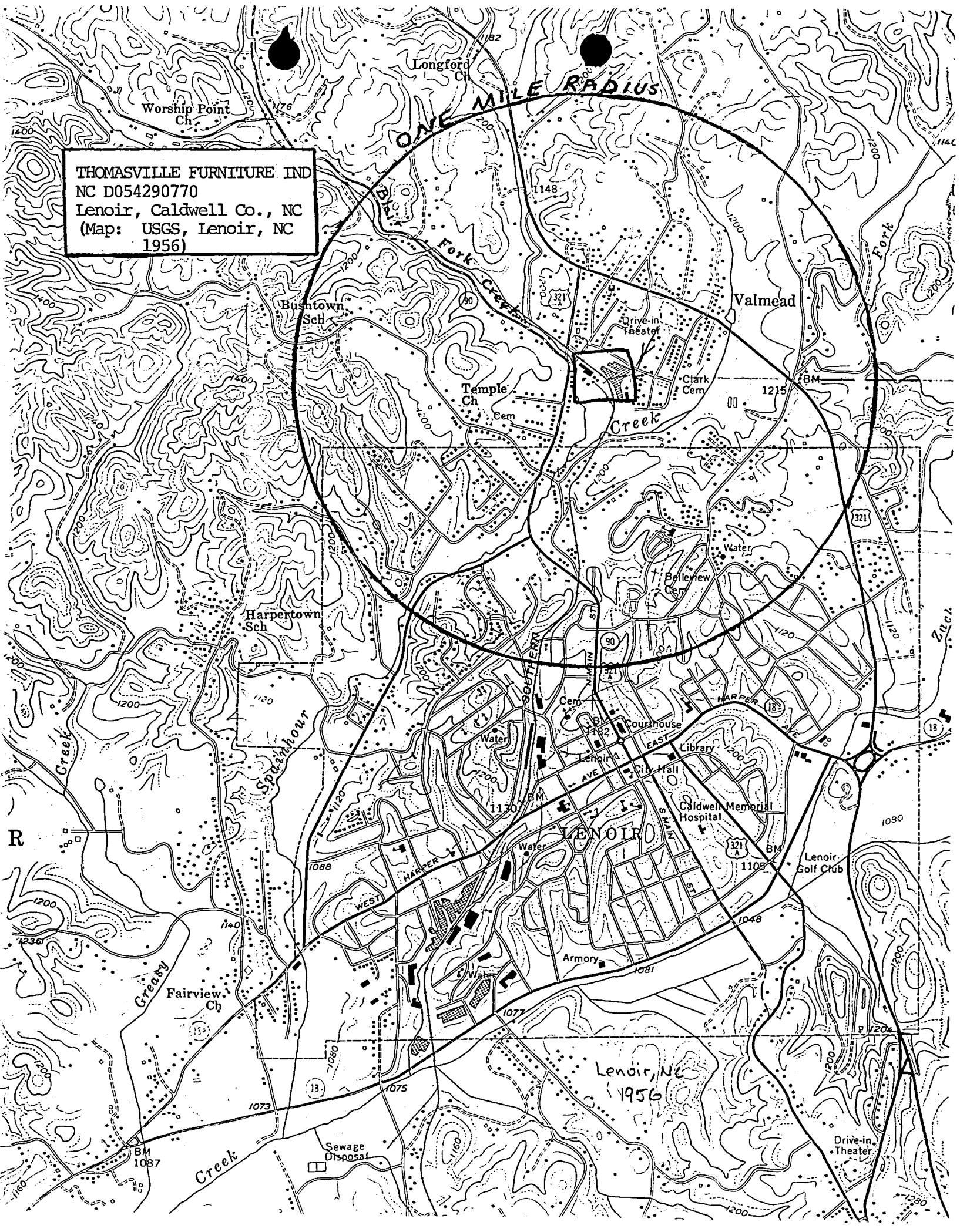
UNKNOWN

III. TOTAL POPULATION POTENTIALLY AFFECTED: UNKNOWN

IV. COMMENTS

V. SOURCES OF INFORMATION *(Cite specific references, e. g., state files, sample analysis, reports)*

As previously cited


THOMASVILLE FURNITURE IND
NC D054290770
Lenoir, Caldwell Co., NC
(Map: USGS, Lenoir, NC
1956)
ONE MILE RADIUS
Longford Ch
Worship Point Ch
Bushtown Sch
Blair Fork Creek
Valmead
Drive-in Theater
Clark Cem
Temple Ch
Cem
Creek
Harpertown Sch
Spainhour Creek
Water
Belleview Cem
Cem
Courthouse
Library
City Hall
Caldwell Memorial Hospital
LENOIR
Lenoir Golf Club
Armory
Fairview Ch
Greasy Creek
Sewage Disposal
Lenoir, NC
1956
Drive-in Theater
HARPER AVE
WEST HARPER
EAST HARPER AVE
SOUTHERN
MAIN ST
S MAIN ST
Zach Fork

THOMASVILLE FURNITURE INDUSTRIES
NC D0542907
Lenoir, Caldwell Co., NC
Photographed Summer 1978

(VIEW EAST)

10 August 1987

TO: File

FROM: D. Mark Durway DMD.

RE: Telephone conversation with Sherry Stookey, environmental compliance officer, Thomasville Furniture Industries (NC D054290770), Lenoir, Caldwell County, NC

On 7 August 1987 I contacted Sherry Stookey at Thomasville Furniture's headquarters in Thomasville, NC (tel. 919/472-4000) regarding chemical and waste handling practices at their Lenoir plant. Ms. Stookey told me that she was not personally familiar with the plant, but said that she would speak with people who were and get back in touch with me. Later that day she phoned me to say that no spills or on-site disposal had occurred at the Lenoir plant, according to her contact, Jake Watson. She said, however, that the plant does have underground storage tanks for fuel oil, naptha, and varsol. Ms. Stookey reported that, while Thomasville Furniture has only operated on the site since 1968, furniture manufacturing has taken place on the premises by various tenants since the early 1900s.

August 31, 1987

TO: File

FROM: D. Mark Durway DMD

RE: Comments from Sherry Stookey re. Thomasville Furniture Industries' (NC D054290770) plant in Lenoir, Caldwell Co., NC

Ms. Stookey, environmental compliance officer with Thomasville Furniture Industries (tel. 919/472-4000), told me the following:

1) According to Dan Little, formaldehyde and poly vinyl acetate based glues, steel wool and scrapings from filler and lacquer booths were buried in on-site trenches between 1975 and 1979. The trenches, which may now be beneath a parking lot, were near the old cotton mill building.

2) According to Jim Siceloff, plant manager at the Lenoir plant, formaldehyde based glue once spilled from a tanker truck into a near-site tributary. The spill was properly contained.

10 August 1987

TO: File

FROM: D. Mark Durway DMD.

RE: Ground water and surface water use in the vicinity of Thomasville Furniture Industries (NC D054290770) in Lenoir, Caldwell Co., NC

The town of Lenoir has a population of 14,070 persons, the majority of which use water supplied by the Caldwell County Water System. The county water system gets its water from Lake Rhodhiss, which is located about fifteen miles south of Lenoir. According to Jake Harrison of the Lenoir Water Treatment Plant, water from the county system is available to all Caldwell County residents; however, many persons rely on private wells, instead. The telephone number for the Lenoir Water Treatment Plant is (704) 396-1006.

Based on printouts from the NC Public Water Supply Branch, Raleigh, NC, there are approximately 1294 persons using community and non-community wells for water supply within three miles of Thomasville Furniture Industries. It is likely that there are others within three miles of the site which get their water supply from private wells.

File (8)

North Carolina Department of Human Resources
Division of Health Services
P.O. Box 2091 • Raleigh, North Carolina 27602-2091

James G. Martin, Governor
Phillip J. Kirk, Jr., Secretary

Ronald H. Levine, M.D., M.P.H.
State Health Director

March 18, 1987

Thomasville Furniture Inds
PO Box 339
Thomasville, NC 27360

RE: EPA ID No. NCD054290770

Dear Sir:

Based on information supplied by you for the site identified with the above EPA ID number, the state has accepted and processed the change RCRA listing or information that you requested.

Listed below is site information contained on our computer files:

COMPANY NAME	Thomasville Furniture Inds
OWNERSHIP	Armstrong World Industries Inc
CONTACT	Wood, Paul
PHONE NUMBER	(919)475-1361
LOCATION ADDRESS	315 Elizabeth Street NW
CITY, STATE & ZIP	Lenoir NC 28645

Please verify that the above computer listing/information is correct by notifying us of any corrections.

We are advising EPA of the change. Please notify us if there is any further change in your operations which would affect your status. Your EPA ID number has not been inactivated.

Sincerely,

Margaret Babb

Margaret Babb, Environmental Chemist
Solid & Hazardous Waste Management Branch

CC: LARRY FOX
EPA Region IV

Thomasville Furniture Industries, Inc.

P. O. Box 339, Thomasville, North Carolina 27360 919 475-1361

RECEIVED
MAY 4 1984
SOLID & HAZARDOUS WASTE MANAGEMENT BRANCH

April 24, 1984

Mr. Jerry Rhodes, Environmental Chemist
North Carolina Division of Health Services
Solid & Hazardous Waste Management Branch
P. O. Box 2091
Raleigh, N. C. 27602

Subject: Lenoir Plant Incinerator Closure Plan

Dear Mr. Rhodes:

In answer to your letter of April 10 requesting additional information, I wish to supply the following:

1. The waste being burned consists primarily of finishing material cleanup; sawdust that was placed on the spray booth floors to catch overspray, "lacquer dust" (overspray from the lacquer booths, and a few wiping rags containing filler and glaze. The amount burned did not exceed 180 pounds per day and the material was in solid state.

2. As I explained in our telephone conversation, we have test results from a sample of unburned similar materials disposed of by our Brookneal facility in the Campbell County, VA landfill. I am enclosing a copy of the test results and a letter from Campbell County giving their permission for disposal.

3. Our Air Quality Section Permit Number is 4172R5.

I hope the above information is adequate for your completion of our closure plan as per our conversation.

Sincerely yours,

Ralph McNeill

Ralph McNeill, P.E.
Sr. Project Engineer

RMc/dc

Enc.

by design — furniture [illegible] value since 1904

Thomasville HUNTLEY FOUNDERS

NORTH CAROLINA

ENVIRONMENTAL MANAGEMENT COMMISSION

DEPARTMENT OF NATURAL RESOURCES AND COMMUNITY DEVELOPMENT

RALEIGH

P E R M I T

For the Discharge of Air Contaminants Into the Atmosphere

In accordance with the provisions of Article 21B of Chapter 143, General Statutes of North Carolina as amended, and other applicable Laws, Rules and Regulations,

PERMISSION IS HEREBY GRANTED TO

Thomasville Furniture Industries, Inc.
Lenoir Plant
Lenoir, North Carolina

FOR THE

construction and operation of air cleaning devices and appurtenances consisting of two fabric filters (4800 square feet of filter area each, ID No. F9 and F10) installed in parallel on the machine room wood dust collection system, and the

operation of:

1. A closed loop classifier cyclone,

2. A natural gas fired, 380 pounds per hour, Type 0 waste, multiple chambered incinerator with a 400,000 BTU per hour (minimum) primary burner and a 400,000 BTU per hour (minimum) secondary burner,

3. Thirty-five (35) paint spray booths, utilizing nonphotochemically reactive or exempt painting materials, installed on furniture finishing operations,

and air cleaning devices and appurtenances consisting of:

4. A baghouse (3255 square feet of filter area) and a simple cyclone (96 inches in diameter) installed in series on the exhausts of sanding equipment,

5. Thirteen baghouses (5130, 5130, 3825, 3825, 3825, 3020, 3020, 3020, 2460, 1155, 1155, 1155, and 600 square feet of cloth area, respectively) installed on the woodwaste collection system, and

6. Two multicyclones (20 nine inch diameter tubes each) installed one each on two finishing wastes/woodwaste/coal fired boilers (26.8 MBTU/hour maximum heat input each),

to remove particulate and visible emissions,

and for the discharge of the associated stack gases and treated air into the outdoor atmosphere at its facility located at 315 Elizabeth Street, Lenoir, North Carolina, Caldwell County,

in accordance with the application received February 2, 1984 and in conformity with the plans, specifications, and other supporting data, all of which are filed with the Department of Natural Resources and Community Development and are incorporated as part of this Permit.

This Permit shall be effective from the date of its issuance until October 1, 1987, is nontransferable to future owners and operators, and shall be subject to the following specified conditions and limitations:

1. The facilities shall be properly operated and maintained at all times in such a manner as to effect an overall reduction in air pollution in keeping with the application and otherwise to reduce air contamination to the extent necessary to comply with applicable Environmental Management Commission Regulations, including 15 NCAC 2D .0503, .0504, .0505, .0512, .0515, .0516, .0518, .0521, and .0535(f).

2. Reports on the operation and maintenance of the facilities shall be submitted to the Division of Environmental Management at such intervals and in such form and detail as may be required by the Division. Information required in such reports may include, but is not limited to, process weight rates, firing rates, hours of operation, and preventive maintenance schedules.

3. As required by 15 NCAC 2D .0535(f), when particulate and/or visible emissions exceed Environmental Management Commission Regulations for more than four hours the Regional Supervisor, Mooresville Region, of the Division of Environmental Management shall be notified as promptly as possible but in no case later than 24 hours of becoming aware of the occurrence. Such notice shall specify the facility name and location, the nature and cause of the excess emissions, the time when first observed, the expected duration, and the estimated rate of emissions. This reporting requirement does not allow the operation of the facility in excess of Environmental Management Regulations.

4. The total amount of finishing wastes burned in the boiler shall not exceed 180 pounds per hour. Halogenated wastes and PCB's shall not be burned in the boiler.

5. The Permittee shall retain records at the facility of all finishing wastes that are burned in the boiler for a period of two years. These records shall include the type of finishing wastes burned and the amount of each waste burned hourly.

6. This Permit does not relieve the Permittee of the responsibility of complying with any Federal, State, or local requirements governing the handling, disposal, or incinerator of hazardous wastes, including the Resource Conservation and Recovery Act (RCRA) administered by the North Carolina Department of Human Resources.

7. This Permit does not relieve the Permittee of the responsibility of complying with all applicable requirements of any Federal, State, or local water quality or land quality control authority.

8. Any change in the information submitted in the application regarding facility emissions or changes in the quantity or quality of materials processed that will result in new or increased emissions must be reported to the Division of Environmental Management. If appropriate, modifications to the permit may then be made by the Division of Environmental Managemnt to reflect any necessary changes in the permit conditions. In no case are any new or increased emissions allowed that will cause violation of the emission limitations specified herein.

9. The Permittee at least 90 days prior to the expiration of this Permit, shall request its extension by letter. The letter should include the Permit number and a description of modifications, if any, that have been made.

10. This Permit is subject to revocation or modification upon a determination that information contained in the application or presented in support thereof is incorrect, conditions under which the Permit renewal was granted have changed, or violations of conditions contained in the Permit have occurred.

11. A violation of any term or condition of this Permit shall subject the Permittee to enforcement procedures contained in North Carolina General Statutes 143-215.114, including assessment of civil penalties.

Permit issued this the 15th day of March, 1984.

NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION

Richard R. Peace, Jr.

Richard R. Peace, Jr., Regional Supervisor
Division of Environmental Management
By Authority of the Environmental Management Commission

COUNTY OF CAMPBELL

SUPERVISORS
CALVIN P. CARTER
CARTER S. ELLIOTT, JR.
ELLANOR K. EVANS
ROY H. LITTLE
R. GENE MONTGOMERY
HUGH W. ROSSER
R. RAY WARD

COUNTY ADMINISTRATOR
DONALD N. JOHNSTON

TELEPHONES
(AREA CODE 804)
RUSTBURG 332-5161
LYNCHBURG 847-0961
BROOKNEAL 283-5321
ALTAVISTA 369-6671

BOARD OF SUPERVISORS
POST OFFICE BOX 100
RUSTBURG, VIRGINIA 24588

January 15, 1981

Mr. Richard F. Findlay
Plant Manager
Thomasville Furniture Industries, Inc.
Brookneal, Virginia 24528

Dear Dick:

This will acknowledge receipt of the lab report for the paint sludge which you would like to deposit in Campbell County's Landfill. Since this has been tested and proven to be non-hazardous, it will certainly be acceptable at the Landfill.

A copy of this letter will be sent to the Landfill personnel so that they will be aware of the non-hazardous nature of this sludge. Should your driver experience any problem at the Landfill, please have him show a copy of this correspondence.

Very truly yours,

James L. Noffsinger
Director of Public Works

JLN:jp

cc: Landfill Attendant

GUILFORD LABORATORIES, INC.
P.O. Box 9735/Plaza Station/Greensboro, N.C. 27408

January 6, 1981

REPORT OF ANALYSIS

Job #: TF00823 Brookwell

Customer: Thomasville Furniture Industries

Sample: Sludge.

RESULTS:

		Sludge
EP Toxicity		
Arsenic (ppb)	less than	.5
Barium "		170
Cadmium "		17
Chromium "		8
Lead "		33
Mercury "	less than	.5
Selenium "		1
Silver "		2
Flash Point (PMCC deg. F)	>	140
pH (corrosivity)		6.2

Conclusion: This sludge is not a hazardous waste.

GUILFORD LABORATORIES, INC.

J. A. Rayburn/ff

J. A. Rayburn

Ronald H. Levine, M.D., M.P.H.
STATE HEALTH DIRECTOR

DIVISION OF HEALTH SERVICES
P.O. Box 2091
Raleigh, N.C. 27602-2091

3

April 10, 1984

Mr. Ralph McNeill, P.E.
Sr. Project Engineer
Thomasville Furniture Industries, Inc.
P.O. Box 339
Thomasville, NC 27360

Dear Mr. McNeill:

Subject: Lenoir Plant Incinerator Closure Plan

I have reviewed the incinerator closure plan you submitted for the Thomasville Furniture, Lenoir Plant. With some additional items of information and other necessary procedures to be done we can complete this process.

Additional information needed:

1. Characterization of wastes burned such as amount per day or week, chemical composition, physical state.

2. Evidence that ash was non-hazardous.

3. Air permit number.

We will have to publish a public notice that the incinerator has been closed. Also, Keith Masters will inspect and certify that closure is complete.

If I can be of further assistance, please call (919)733-2178.

Sincerely,

Jerry Rhodes

Jerry Rhodes, Environmental Chemist
Solid & Hazardous Waste Management Branch
Environmental Health Section

JR:dl

cc: Keith Masters

Thomasville Furniture Industries, Inc.

P. O. Box 339, Thomasville, North Carolina 27360 919 475-1361

RECEIVED
MAR 19 1984
SOLID & HAZARDOUS WASTE MANAGEMENT BRANCH

(2)

March 16, 1984

Mr. Jerry Rhodes
Environmental Chemist
N. C. Division of Health Services
Solid & Hazardous Waste Management Branch
P. O. Box 2091
Raleigh, N. C. 27602

REF: Closure Plan
Lenoir Plant
Caldwell County
Facility No. NCD054290770

Dear Mr. Rhodes:

We are submitting our incinerator closure plan as per our recent conversation. Please let me know if this meets your approval.

Sincerely,

Ralph McNeill

Ralph McNeill, P.E.
Sr. Project Engineer

RMc/dc

Enc.

by design — furniture distinguished for exceptional value since 1904

Thomasville HUNTLEY FOUNDERS

INCINERATOR CLOSURE PLAN

EPA Facility I.D. No.:	NCD054290770
Owner's Name:	Thomasville Furniture Industries, Inc.
Address & Phone No.:	P. O. Box 339, Thomasville, N. C. 27360 (919) 475-1361
Facility Address & Phone No.:	P. O. Box 640, Lenoir, N. C. 28645 (704) 754-4581
Facility Type:	A natural gas fired, 380 pounds per hour, type 0 waste, multiple chambered incinerator with a 400,000 BTU per hour (minimum) primary burner and a 400,000 BTU per hour (minimum) secondary burner.

This facility will be closed when finishing wastes can be burned in the plant boilers eliminating the need for the incinerator. It will be closed by removing all ash (non-hazardous) to the City Dump and dismantling the incinerator controls. No wastes will be in storage during the life of the facility since the wastes are burned as they are generated. Less than 200 pounds of finishing wastes will be burned on any given day.

It will take approximately one day to close the facility.

Closure Schedule

Final Date Finishing Wastes Burned: 6/30/83

Ash Disposal: Remaining ash (non-hazardous) was cleaned from incinerator and removed to City Dump.

Facility Closed: 7/11/83

Controls Dismantled: 7/11/83

Post-Closure Care: Post-Closure care is unnecessary since no wastes remain on site and the ash was considered non-hazardous.

Owner Certification: Robert L. Phelps VP Eng 3/12/84

Signature Date

Being familiar with the requirements 40 CFR 265, Subpart G, Closure and Post-Closure, I hereby certify that this incinerator facility has been closed in accordance with those requirements.

James S. McCormack 3/8/84

James S. McCormack, PE Date

NC 5178

NORTH CAROLINA PROFESSIONAL SEAL 5178 ENGINEER JAMES S. McCORMACK

Ronald H. Levine, M.D., M.P.H.
STATE HEALTH DIRECTOR

(5)

DIVISION OF HEALTH SERVICES
WESTERN REGIONAL OFFICE
Building 3
Black Mountain, N.C. 28711
(704) 669-3349

September 27, 1984

RECEIVED
OCT 3 1984
SOLID & HAZARDOUS WASTE MANAGEMENT BRANCH

TO: Jerry Rhodes
Solid & Hazardous Waste
Management Branch

FROM: Keith Masters
Western Regional Office

RE: Thomasville Furniture Industries
Lenoir, NC
NCD054290770

On August 21, 1984, I made a compliance visit to the above-named facility. At that time I checked the incinerator formerly used by this facility to dispose of hazardous waste. I could see no evidence that the incinerator was still in use. All of the drash drums that had been near the incinerator during our first visit had been removed and the only thing around the incinerator was some equipment that had been stored there.

The inside of the incinerator showed no signs of material having been burned recently.

If I can be of further assistance, please contact me.

DKM/dgh

cc: Mr. Julian Foscue

8/07/87 MARK DURWAY--NON-COMMUNITY LISTING PAGE 0001

PWID	PWMANAME	PWMAARCO	PWMAPNUM	PWPLSOC1	PWPLPOPL	PWPLTYPE	PWPLACTV	PWPLLAT1	PWPLLON1	
[redacted]										
0114439	IVA'S COUNTRY MUSIC & 321LOUNG	704	7548915	G	000000200	N	A	0355622	0813240	ASSUME 3.8 persons
0114447	OUTPOST FISH CAMP	704	3961046	G	000000160	N	A	0355322	0813002	
0114448	SEAFOOD HARBOR	704	7543297	G	000000070	N	A	0355730	0813425	
[redacted]										
0114482	MT VIEW BAPT CHURCH	704	7581572	G	000000060	N	A	0355720	0813540	ASSUME 3.8 persons
0114485	HIBRITEN BAPTIST CHURCH	704	7286588	G	000000150	N	A	0355325	0813008	
0114486	CLEARVIEW BAPT CHURCH	704	7283540	G	000000110	N	A	0355330	0812820	
0114491	ZACKS FORK BAPT CH	704	7585963	G	000000060	N	A	0355720	0813020	
0114495	PISGAH CHURCH	704	7544972	G	000000080	N	A	0355430	0813505	
0114504	CRESTVIEW BAPT CHRUCH	704	7581960	G	000000200	N	A	0355645	0813245	
0114510	CEDAR ROCK BAPT CHRUCH	704	7547750	G	000000045	N	A	0355633	0812900	
0114525	LENOIR MOOSE LODGE #385	704	7584817	G	000000300	N	A	0355450	0812935	
[redacted]										
0114537	CELLU-PRODUCTS	704	7585151	G	000000030	N	A	0355640	0813430	YES
0114538	CELLU-PRODUCTS WARRIOR PLT	704	7585151	G	000000215	N	A	0355630	0813330	YES
0114540	WOODBURY LUMBER CO	704	7543468	G	000000025	N	A	0355730	0813420	YES
0114558	CALDWELL WOODCARVING	704	7580186	G	000000050	N	A	0355420	0813440	YES
[redacted]										
0114564	GREER LAB	704	7580031	G	000000040	N	A	0355500	0813512	YES
[redacted]										

42 + 360 = 402 PERSONS

8/07/87 MARK DURWAY--COMMUNITY LISTING PAGE 0001

PWID	PWMANAME	PWMAARCO	PWMAPNUM	PWPLSOC1	PWPLPOPL	PWPLTYPE	PWPLACTV	PWPLLAT1	PWPLLON1	
[redacted]										
0114105	FAIRWAY ACRES	704	7588851	G	000000180	C	A	0355400	0813415	YES
0114126	WINDSOR PARK SUBDIVISION		0000000	G	000000080	C	A	0355536	0813032	YES
0114160	KILLIAN WATER SYSTEM		0000000	G	000000025	C	A	0355500	0813510	YES
0114161	INDIAN GRAVE MHP		0000000	G	000000080	C	A	0355710	0813330	YES correct?
0114401	B & F MHP		0000000	G	000000184	C	A	0355650	0813145	YES
0114412	HOWARDS MHP		0000000	G	000000176	C	A	0355725	0813210	YES
0114434	TESTER MHP	704	7543827	G	000000044	C	A	0355659	0813015	YES
0114459	GREEN MOUNTAIN PARK	704	7580241	G	000000500	C	A	0355729	0813110	YES
0114517	QUALITY CARE CENTER REST HOME	704	7588886	G	000000025	C	A	0355655	0813350	YES

1294 PERSONS

Printouts from the NC Public Water Supply Branch, Raleigh, NC show community and non-community water supplies in the vicinity of Thomasville Furniture Industries (NC D054290770), Lenoir, Caldwell Co., NC. Water supplies listed lie within three miles of Thomasville Furniture. The first eleven non-community supplies listed are assumed to serve an average population of 3.8 permanent full-time employees; the remaining non-community supplies are assumed to have an average permanent population as indicated.

1294 + 402 = 1696 PERSONS USING COMMUNITY AND NON-COMMUNITY WATER SUPPLIES ON A CONTINUOUS BASIS.

Please print or type with ELITE type (12 characters per inch) in unshaded areas only

Form Approved OMB No. 2050-0028. Expires 9-30-88. GSA No. 0246-EPA-OT

United States Environmental Protection Agency
Washington, DC 20460

EPA Notification of Hazardous Waste Activity

Please refer to the *Instructions for Filing Notification* before completing this form. The information requested here is required by law *(Section 3010 of the Resource Conservation and Recovery Act)*.

ENTERED JUL 23 1986 DATA PROCESSING

For Official Use Only

Comments: C C

Installation's EPA ID Number: C F T/A C 1

Approved

Date Received (yr. mo. day)

I. Name of Installation

THOMASVILLE FURNITURE IND INC

II. Installation Mailing Address

Street or P.O. Box: C 3 P. O. BOX 339

City or Town: C 4 THOMASVILLE

State: NC

ZIP Code: 27360

III. Location of Installation

Street or Route Number: C 5 315 ELIZABETH ST

City or Town: C 6 LENOIR

State: NC

ZIP Code: 28645

IV. Installation Contact

Name and Title *(last, first, and job title)*: C 2 WOOD PAUL PROJ ENG

Phone Number *(area code and number)*: 919 472 4000

V. Ownership

A. Name of Installation's Legal Owner: C R ARMSTRONG WORLD IND

B. Type of Ownership *(enter code)*: P

VI. Type of Regulated Waste Activity *(Mark 'X' in the appropriate boxes. Refer to instructions.)*

A. Hazardous Waste Activity

- [X] 1a. Generator
- [ ] 1b. Less than 1,000 kg/mo.
- [ ] 2. Transporter
- [ ] 3. Treater/Storer/Disposer
- [ ] 4. Underground Injection
- [X] 5. Market or Burn Hazardous Waste Fuel *(enter 'X' and mark appropriate boxes below)*
  - [ ] a. Generator Marketing to Burner
  - [ ] b. Other Marketer
  - [X] c. Burner

B. Used Oil Fuel Activities

- [ ] 6. Off-Specification Used Oil Fuel *(enter 'X' and mark appropriate boxes below)*
  - [ ] a. Generator Marketing to Burner
  - [ ] b. Other Marketer
  - [ ] c. Burner
- [ ] 7. Specification Used Oil Fuel Marketer *(or On site Burner)* Who First Claims the Oil Meets the Specification

RECEIVED MAY 19 1986 HAZARDOUS WASTE MANAGEMENT BRANCH

VII. Waste Fuel Burning: Type of Combustion Device *(enter 'X' in all appropriate boxes to indicate type of combustion device(s) in which hazardous waste fuel or off-specification used oil fuel is burned. See instructions for definitions of combustion devices.)*

- [ ] A. Utility Boiler
- [X] B. Industrial Boiler
- [ ] C. Industrial Furnace

VIII. Mode of Transportation *(transporters only — enter 'X' in the appropriate box(es)*

- [ ] A. Air
- [ ] B. Rail
- [ ] C. Highway
- [ ] D. Water
- [ ] E. Other *(specify)*

IX. First or Subsequent Notification

Mark 'X' in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA ID Number in the space provided below.

- [ ] A. First Notification
- [X] B. Subsequent Notification *(complete item C)*

C. Installation's EPA ID Number: NCD054290770

EPA Form 8700-12 (Rev. 11-85) Previous edition is obsolete.

Continue on reverse

ID	For Official Use Only													
C													T/A	C
W														1

X. Description of Hazardous Wastes *(continued from front)*

A. Hazardous Wastes from Nonspecific Sources. Enter the four-digit number from 40 *CFR* Part 261.31 for each listed hazardous waste from nonspecific sources your installation handles. Use additional sheets if necessary.

1	2	3	4	5	6
F005	F003				
7	**8**	**9**	**10**	**11**	**12**

B. Hazardous Wastes from Specific Sources. Enter the four-digit number from 40 *CFR* Part 261.32 for each listed hazardous waste from specific sources your installation handles. Use additional sheets if necessary.

13	14	15	16	17	18
19	**20**	**21**	**22**	**23**	**24**
25	**26**	**27**	**28**	**29**	**30**

C. Commercial Chemical Product Hazardous Wastes. Enter the four-digit number from 40 *CFR* Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31	32	33	34	35	36
37	**38**	**39**	**40**	**41**	**42**
43	**44**	**45**	**46**	**47**	**48**

D. Listed Infectious Wastes. Enter the four-digit number from 40 *CFR* Part 261.34 for each hazardous waste from hospitals, veterinary hospitals, or medical and research laboratories your installation handles. Use additional sheets if necessary.

49	50	51	52	53	54

E. Characteristics of Nonlisted Hazardous Wastes. Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles. *(See 40 CFR Parts 261.21 — 261.24)*

☐ 1. Ignitable *(D001)* ☐ 2. Corrosive *(D002)* ☐ 3. Reactive *(D003)* ☐ 4. Toxic *(D000)*

XI. Certification

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. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Signature	Name and Official Title *(type or print)*	Date Signed
Paul Wood	PAUL WOOD, PROJECT ENGINEER	5/15/86

Thomasville Furniture Industries
NC D054290770
Lenoir, Caldwell Co., NC

D. Mark Durway
NC Sol & Haz Wst Mgmt
8-10-87

RCRA STATUS

Thomasville Furniture Industries is a RCRA large generator. RCRA wastes have not been stored on-site for periods in excess of ninety days since November 19, 1980; however, some wastes were treated by incineration up until May 3, 1983.

REGION IV RCRA/NPL POLICY QUESTIONNAIRE FOR INITIAL SCREENING

Site Name Thomasville Furniture Ind., Inc

City Lenoir State NC

Facility I.D. Number NCD 054290770

Type of Facility: Generator X Transporter _____ TSD _____

I. RCRA APPLICABILITY

	yes	no
Does the facility have RCRA interim status?		X
Does the facility have a final or post-closure permit? If so, date issued _____		X
Is the facility a non-notifier that has been identified by States or EPA?		X
Is the facility a known or possible protective filer?		X
Have RCRA wastes been stored onsite for longer than 90 days since November 19, 1980?		X
Have RCRA wastes been disposed onsite since November 19, 1980?		X

STOP HERE IF ALL ANSWERS TO QUESTIONS IN SECTION I ARE NO

II. FINANCIAL STATUS

	yes	no
Is the facility owned by an entity that has filed for bankruptcy under federal laws (Chapter 7 or 11) or State laws?		

If yes, what has it filed under?

Chapter 7 _____ Chapter 11 _____ Other _____

Treater from 1980 - 1983

III. ENFORCEMENT

RCRA Status	yes	no
Has the facility lost authorization to operate via LOIS, 3005(c) permit denial, 3008(h) IS termination, 3005(d) permit revocation?	_____	_____
Has the facilities interim status been terminated via another mechanism (i.e. administrative termination)?	_____	_____

IV. CERCLA STATUS

What CERCLA financed remedial or removal activities have been initiated at the site? (RI/FS, RD/RA, O&M, forward planning, and removal; does not include enforcement or PA/SI activities).

V. Enforcement Status

	yes	no
In general, would you characterize the facility as demonstrating an unwillingness to undertake corrective action based on prior State, CERCLA or RCRA actions?	_____	_____

If yes, please describe and cite the authorities exercised.

	yes	no
Is the owner/operator a party to any enforcement action at the site?	_____	_____

If not, why not?

Are any PRPs (including owner/operators) undertaking remedial studies or action in response to CERCLA enforcement authorities? What is the extent/type of work that has been completed (RI/FS, etc.) and who (generators, owner/operator, etc.) is conducting the work?

Ronald H. Levine, M.D., M.P.H.
STATE HEALTH DIRECTOR

(5)

DIVISION OF HEALTH SERVICES
WESTERN REGIONAL OFFICE
Building 3
Black Mountain, N.C. 28711
(704) 669-3349

September 27, 1984

RECEIVED
OCT 3 1984
SOLID & HAZARDOUS WASTE MANAGEMENT BRANCH

TO: Jerry Rhodes
Solid & Hazardous Waste
Management Branch

FROM: Keith Masters
Western Regional Office

RE: Thomasville Furniture Industries
Lenoir, NC
NCD054290770

On August 21, 1984, I made a compliance visit to the above-named facility. At that time I checked the incinerator formerly used by this facility to dispose of hazardous waste. I could see no evidence that the incinerator was still in use. All of the drash drums that had been near the incinerator during our first visit had been removed and the only thing around the incinerator was some equipment that had been stored there.

The inside of the incinerator showed no signs of material having been burned recently.

If I can be of further assistance, please contact me.

DKM/dgh

cc: Mr. Julian Foscue

Ronald H. Levine, M.D., M.P.H.
STATE HEALTH DIRECTOR

DIVISION OF HEALTH SERVICES
P.O. Box 2091
Raleigh, N.C. 27602-2091

October 13, 1983

Mr. Ralph McNeill, Sr.
Thomasville Furniture Ind.
P.O. Box 339
Thomasville, N.C. 27360
NCD054290770

Dear Mr. McNeill:

Our administrative records indicate that your facility has voluntarily selected not to apply for a final status permit for the management of hazardous waste.

Administrative procedures for final permit decisions, as outlined in 40 CFR 124 and adopted in 10 NCAC 10F .0035, requires formal denial of a final status permit.

This notification constitutes formal denial of a final permit and termination of interim status for the treatment, storage for more than 90 days, and disposal of hazardous waste at your facility.

Your facility is further notified that there are substantial penalties for future hazardous management activity that requires a permit.

If we can be of any assistance or if you have any questions concerning this denial, please contact me.

Sincerely

O. W. Strickland, Head
Solid & Hazardous Waste Management Br.
Environmental Health Section

OWS:ct

cc: Steve Phibbs
William Paige

DIVISION OF HEALTH SERVICES
P.O. Box 2091
Raleigh, N.C. 27602-2091

(2)

Date: May 3, 1983

Mr. Ralph McNeill
Thomasville Furniture Industries, Inc.
P.O. Box 339
Thomasville, NC 27360

Re: Facility ID No. NCD054290770

Dear Mr. McNeill:

Based on information supplied by you we have processed and accepted at the State level your request for the facility identified with the above ID number to receive the indicated change in classification under RCRA:

Add As	Delete As	
☐	☐	generator
☐	☐	transporter
☐	☒	treater
☐	☐	storer
☐	☐	disposer
☐	☐	small generator

We are advising EPA of the change in your status. Please notify us if there is any further change in your operations which would again affect your status. Your EPA ID NO. is ☐ is not ☒ being cancelled.

Cordially,

O. W. Strickland, Head
Solid & Hazardous Waste Management Branch
Environmental Health Section

OWS

cc: Doug McCurry
EPA Region IV
Emil Breckling
Bob Apple

DHS Form 3048 3/82
Solid & Haz. Waste Mgt. Branch

Thomasville Furniture Industries, Inc.

P. O. Box 339, Thomasville, North Carolina 27360 919 475-1361

March 17, 1983

RECEIVED
MAR 21 1983
SOLID & HAZARDOUS WASTE MANAGEMENT BRANCH

Mr. Bill Meyer
N. C. Division of Health Services
Solid and Hazardous Waste Management Branch
P. O. Box 2091
Raleigh, N. C. 27602

REF: Part B Application for Permit
Lenoir Plant NCD054290770
Caldwell County

Dear Mr. Meyer:

After reviewing the requirements of Part B of the application for a permit as a treater of hazardous waste, the decision has been made to discontinue using our incinerator. The wastes we are generating will be used as a fuel to generate steam in the future.

We trust that this change in operating procedure will exempt us from the requirements of Part B and we will not be submitting it at this time.

Sincerely,

Ralph McNeill

Ralph McNeill, P.E.
Sr. Project Engineer

RMc/dc

Bob - If you agree with this we will change the status to reflect the request - need to submit a new Part A also

DIVISION OF HEALTH SERVICES
P.O. Box 2091
Raleigh, N.C. 27602-2091

October 5, 1982

(2)

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

FACILITY CONTACT NAME	Mr. Ralph McNeill
FACILITY NAME	Thomasville Furniture Industries
FACILITY ID NUMBER	NCD054290770
MAILING ADDRESS	P.O. Box 339 Lenoir, NC 28645

Dear Mr. McNeill:

The United States Environmental Protection Agency has granted the State of North Carolina Solid and Hazardous Waste Management Branch Interim Authorization for Phase II Components A and B to operate the State's Hazardous Waste Management program in lieu of the Federal Program under the RCRA.

This letter constitutes a formal request for Part B of your application for a hazardous waste facility permit for ( ) storage (X) treatment ( ) containers ( ) tanks ( ) waste piles (X) incinerator. This request is made under the authority of North Carolina Administrative Code 10F .0034(b)(2) which adopts by reference 40 CFR 122.22(a).

Enclosed is a copy of the regulation which sets forth the information required in the Part B application for your facility. Four copies of the completed Part B application must be submitted to the Solid and Hazardous Waste Management Branch no later than six months (180 days) from the date of this request.

The mailing address for submission of the Part B application is:

O. W. Strickland, Head
Solid and Hazardous Waste Management Branch
Environmental Health Section
Department of Human Resources
P.O. Box 2091
Raleigh, NC 27602

If this agency can be of assistance, please contact the Solid and Hazardous Waste Management Branch at (919) 733-2178.

Sincerely,

O. W. Strickland

O. W. Strickland, Head
Solid & Hazardous Waste Management Branch
Environmental Health Section

OWS:nlc
Enclosure

FACILITY INFORMATION

Thomasville Furniture Ind.
P. O. Box 640
Lenoir, NC 28645
Caldwell County
EPA ID #NCD054290770

FACILITY CONTACT

Ralph McNeill, Engineer
919/475-1361

SURVEY PARTICIPANTS

Robert M. Apple
Ralph McNeill

DATE OF INSPECTION

September 30, 1982

APPLICABLE REGULATIONS

40 CFR 262 and 265, FR May 19, 1980 & amendments

PURPOSE OF SURVEY

RCRA compliance inspection was conducted at Thomasville Furniture Ind. by the N. C. Solid & Hazardous Waste Management Branch. The inspection was a comprehensive review of ISS for generators and treaters of hazardous waste. The inspection included interviews, site survey and record review.

FACILITY DESCRIPTION

Thomasville Furniture Ind., Caldwell County Plant is located just off the Blowing Rock Highway in Lenoir, NC. The plant is located on a 30-acre site and is completely enclosed by fencing and access controls. The plant manufactures wooden dining, bedroom and occasional furniture. The facility produces hazardous waste in the form of flammable solids (D001, Lacquer Dust) and non-halogenated solvents (F003, Wash-off). The solids are incinerated on-stie in a batch type incinerator once a week. The liquids are recovered via distillation. The company is currently exploring the feasibility of burning all solids as a recovered fuel source. Should this occur the plant will be classified as a small generator (<1000 kg/month).

Prior to RCRA the plant had air quality permits and an NPDES permit. These permit numbers were not available during the visit.

No imminent hazards were noted during this inspection.

DOCUMENTATION OF SITE DEFICIENCIES

1)	265.15(a,b,d)	6)	265.56	11)	265.174
2)	265.16(d)(i-2-3)	7)	265.73	12)	265.347(a)(1-2-3)
3)	265.52(c,d,e,f)	8)	265.110-265.115	13)	265.351
4)	265.53	9)	265.171		
5)	265.55	10)	265.173		

FORM 1 GENERAL

EPA

GENERAL

Consolidated Permits Program
(Read the "General Instructions" before starting.)

LABEL ITEMS	
I. EPA I.D. NUMBER	NCD054290770
III. FACILITY NAME	THOMASVILLE FURNITURE INDUSIS
V. FACILITY MAILING ADDRESS	PO BOX 640 LENOIR, NC 28645
VI. FACILITY LOCATION	BLOWING ROCK HYW LENOIR, NC 28645

GENERAL INSTRUCTIONS: If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (*the area to the left of the label space lists the information that should appear*), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete Items I, III, V, and VI (*except VI-B which must be completed regardless*). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.

II. POLLUTANT CHARACTERISTICS

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.

SPECIFIC QUESTIONS	MARK "X" YES	MARK "X" NO	MARK "X" FORM ATTACHED
A. Is this facility a **publicly owned treatment works** which results in a discharge to waters of the U.S.? (FORM 2A)		X	
B. Does or will this facility (*either existing or proposed*) include a **concentrated animal feeding operation** or **aquatic animal production facility** which results in a discharge to waters of the U.S.? (FORM 2B)		X	(1)
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)		X	
D. Is this a proposed facility (*other than those described in A or B above*) which will result in a discharge to waters of the U.S.? (FORM 2D)		X	
E. Does or will this facility treat, store, or dispose of **hazardous wastes**? (FORM 3)	X		X
F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		X	
H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X	
I. Is this facility a proposed **stationary source** which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X	
J. Is this facility a proposed **stationary source** which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X	

III. NAME OF FACILITY

C 1 SKIP

IV. FACILITY CONTACT

A. NAME & TITLE (*last, first, & title*)	B. PHONE (*area code & no.*)
C 2 McNeill, Ralph, Sr. Proj. Engineer	919 475 1361

V. FACILITY MAILING ADDRESS

A. STREET OR P.O. BOX	B. CITY OR TOWN	C. STATE	D. ZIP CODE
C 3 P.O. Box 339	C 4 Thomasville	NC	27360

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER	B. COUNTY NAME
C 5 Blowing Rock Highway	Caldwell

C. CITY OR TOWN	D. STATE	E. ZIP CODE	F. COUNTY CODE (*if known*)
C 6 Lenoir	NC	28645	

CONTINUE OVER

EPA — RCRA — Consolidated Permits Program — (This information is required under Section 3005 of RCRA)

FOR OFFICIAL USE ONLY — APPLICATION DATE RECEIVED — COMMENTS

FNCD054290770

Wood Household Furniture	(specify)

C. THIRD: (specify)

D. FOURTH: (specify)

VIII. OPERATOR INFORMATION

A. NAME: Thomasville Furniture Industries, Inc

B. Is the name listed in Item VIII-A also the owner? [X] YES [ ] NO

C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other", specify.)
F = FEDERAL, M = PUBLIC (other than federal or state), S = STATE, O = OTHER (specify), P = PRIVATE

P (specify)

D. PHONE (area code & no.): 919 475 1361

E. STREET OR P.O. BOX: P. O. Box 339

F. CITY OR TOWN: Thomasville

G. STATE: NC

H. ZIP CODE: 27360

I. INDIAN LAND: Is the facility located on Indian land? [ ] YES [X] NO

IX. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water): N NC0005592

D. PSD (Air Emissions from Proposed Sources): P

B. UIC (Underground Injection of Fluids): U

E. OTHER (specify): (specify)

C. RCRA (Hazardous Wastes): R

F. OTHER (specify): (specify)

X. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

XI. NATURE OF BUSINESS (provide a brief description)

Manufacture of wood household furniture, not upholstered.

XII. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)	B. SIGNATURE	C. DATE SIGNED
C. G. O'Brien, Sr. Vice President Gen. Mgr., Thomasville Division	C. G. O'Brien	11/17/80

COMMENTS FOR OFFICIAL USE ONLY

VIII. OPERATIONS (Specify) | SECOND (Specify) | THIRD (Specify) | FOURTH (Specify)

Wood Household Furniture

3 RCRA

EPA HAZARDOUS WASTE PERMIT APPLICATION

Consolidated Permits Program

(This information is required under Section 3005 of RCRA.)

F N C D 0 5 4 2 9 0 7 7 0

FOR OFFICIAL USE ONLY

APPLICATION APPROVED	DATE RECEIVED (yr., mo., & day)	COMMENTS

II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below *(mark one box only)* to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above.

A. FIRST APPLICATION *(place an "X" below and provide the appropriate date)*

[X] 1. EXISTING FACILITY *(See instructions for definition of "existing" facility. Complete item below.)*

[ ] 2. NEW FACILITY *(Complete item below.)*

C	YR.	MO.	DAY
8	8 0	0 1	2 8

FOR EXISTING FACILITIES, PROVIDE THE DATE *(yr., mo., & day)* OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED *(use the boxes to the left)*

YR.	MO.	DAY

FOR NEW FACILITIES PROVIDE THE DATE *(yr., mo., & day)* OPERATION BEGAN OR IS EXPECTED TO BEGIN

B. REVISED APPLICATION *(place an "X" below and complete Item I above)*

[ ] 1. FACILITY HAS INTERIM STATUS

[ ] 2. FACILITY HAS A RCRA PERMIT

III. PROCESSES — CODES AND DESIGN CAPACITIES

A. PROCESS CODE — Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process *(including its design capacity)* in the space provided on the form *(Item III-C)*.

B. PROCESS DESIGN CAPACITY — For each code entered in column A enter the capacity of the process.

1. AMOUNT — Enter the amount.
2. UNIT OF MEASURE — For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Storage:		
CONTAINER *(barrel, drum, etc.)*	S01	GALLONS OR LITERS
TANK	S02	GALLONS OR LITERS
WASTE PILE	S03	CUBIC YARDS OR CUBIC METERS
SURFACE IMPOUNDMENT	S04	GALLONS OR LITERS
Disposal:		
INJECTION WELL	D79	GALLONS OR LITERS
LANDFILL	D80	ACRE-FEET *(the volume that would cover one acre to a depth of one foot)* OR HECTARE-METER
LAND APPLICATION	D81	ACRES OR HECTARES
OCEAN DISPOSAL	D82	GALLONS PER DAY OR LITERS PER DAY
SURFACE IMPOUNDMENT	D83	GALLONS OR LITERS

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Treatment:		
TANK	T01	GALLONS PER DAY OR LITERS PER DAY
SURFACE IMPOUNDMENT	T02	GALLONS PER DAY OR LITERS PER DAY
INCINERATOR	T03	TONS PER HOUR OR METRIC TONS PER HOUR OR GALLONS PER HOUR OR LITERS PER HOUR
OTHER *(Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Item III-C.)*	T04	GALLONS PER DAY OR LITERS PER DAY

UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE	UNIT OF MEASURE CODE
GALLONS	G	LITERS PER DAY	V	ACRE-FEET	A
LITERS	L	TONS PER HOUR	D	HECTARE-METER	F
CUBIC YARDS	Y	METRIC TONS PER HOUR	W	ACRES	B
CUBIC METERS	C	GALLONS PER HOUR	E	HECTARES	Q
GALLONS PER DAY	U	LITERS PER HOUR	H		

EXAMPLE FOR COMPLETING ITEM III *(shown in line numbers X-1 and X-2 below)*: A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

S C | DUP | T/A | C 1

LINE NUMBER	A. PROCESS CODE (from list above)	B. PROCESS DESIGN CAPACITY 1. AMOUNT (specify)	2. UNIT OF MEASURE (enter code)	FOR OFFICIAL USE ONLY	LINE NUMBER	A. PROCESS CODE (from list above)	B. PROCESS DESIGN CAPACITY 1. AMOUNT	2. UNIT OF MEASURE (enter code)	FOR OFFICIAL USE ONLY
X-1	S 0 2	600	G		5				
X-2	T 0 3	20	E		6				
1	T 0 3	0.1	D		7				
2					8				
3					9				
4					10				

CONTINUE ON REVERSE

IV. DESCRIPTION OF HAZARDOUS WASTES

A. EPA HAZARDOUS WASTE NUMBER — Enter the four—digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four—digit number*(s)* from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

B. ESTIMATED ANNUAL QUANTITY — For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non—listed waste*(s)* that will be handled which possess that characteristic or contaminant.

C. UNIT OF MEASURE — For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
POUNDS	P	KILOGRAMS	K
TONS	T	METRIC TONS	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES

1. PROCESS CODES:
   For listed hazardous waste: For each listed hazardous waste entered in column A select the code*(s)* from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.
   For non—listed hazardous wastes: For each characteristic or toxic contaminant entered in column A, select the code*(s)* from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non—listed hazardous wastes that posse that characteristic or toxic contaminant.
   Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in th extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code*(s)*.

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER — Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line ent "Included with above" and make no other entries on that line.
3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM IV *(shown in line numbers X-1, X-2, X-3, and X-4 below)* — A facility will treat and dispose of an estimated 900 poun per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non—listed wastes. Two wast are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimat 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES 1. PROCESS CODES (enter)	D. PROCESSES 2. PROCESS DESCRIPTION (if a code is not entered in D(1))
X-1	K 0 5 4	900	P	T 0 3 D 8 0	
X-2	D 0 0 2	400	P	T 0 3 D 8 0	
X-3	D 0 0 1	100	P	T 0 3 D 8 0	
X-4	D 0 0 2				included with above

CONTINUE ON PA

EPA I.D. NO. *(enter from page 1)*

S												T/A	C
F	N	C	D	0	5	4	2	9	0	7	7	0	6

V. FACILITY DRAWING

All existing facilities must include in the space provided on page 5 a scale drawing of the facility *(see instructions for more detail).*

VI. PHOTOGRAPHS

All existing facilities must include photographs *(aerial or ground—level)* that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas *(see instructions for more detail).*

VII. FACILITY GEOGRAPHIC LOCATION

LATITUDE *(degrees, minutes, & seconds)*	LONGITUDE *(degrees, minutes, & seconds)*
35 55 00 N	081 32 30 W

VIII. FACILITY OWNER

[X] A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER	2. PHONE NO. *(area code & no.)*
E	

3. STREET OR P.O. BOX	4. CITY OR TOWN	5. ST.	6. ZIP CODE
F	G		

IX. OWNER CERTIFICATION

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. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

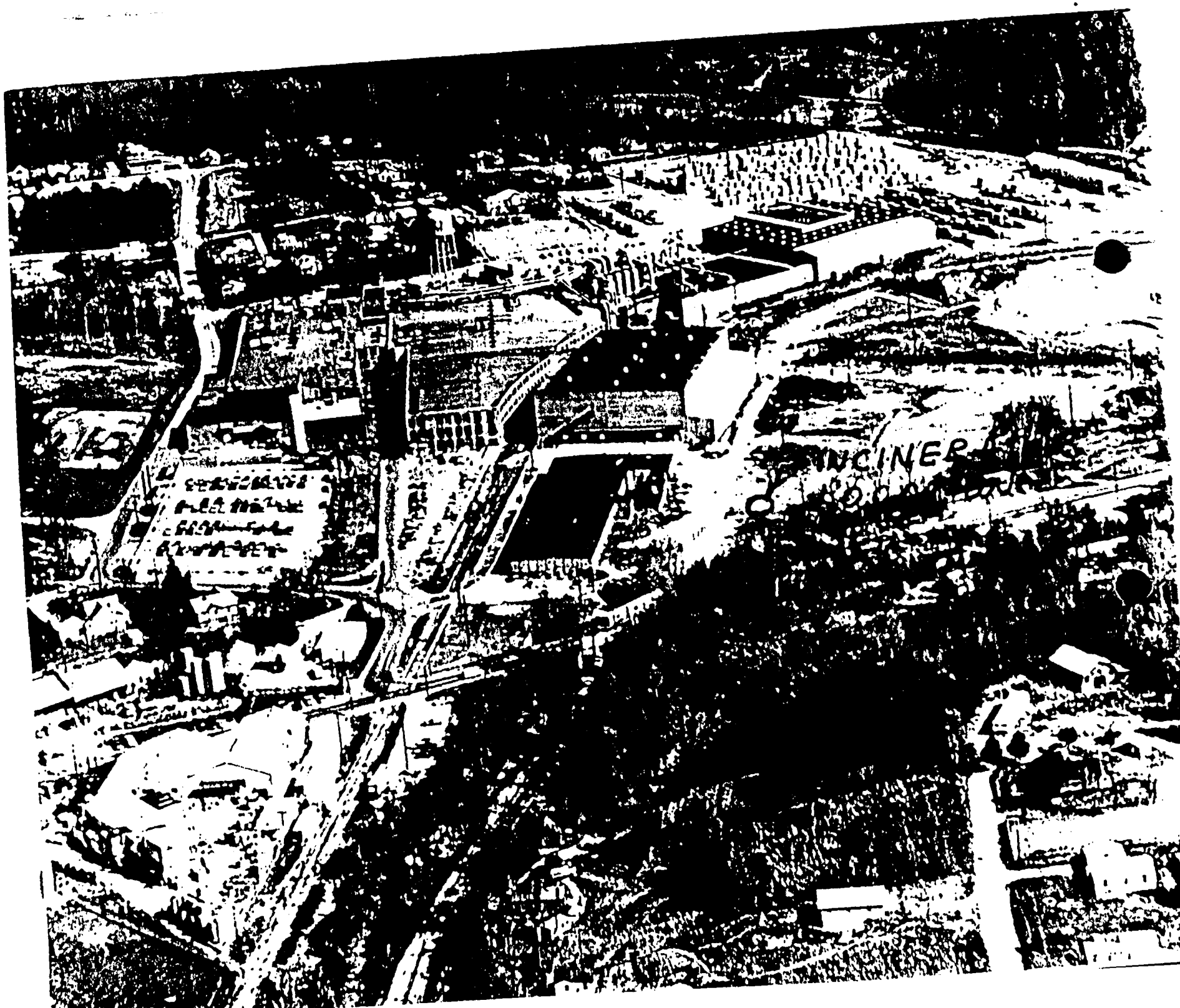
A. NAME *(print or type)*	B. SIGNATURE	C. DATE SIGNED
C. G. O'Brien, Sr. Vice President Gen Mgr., Manufacturing	CGOBrien	11/17/80

X. OPERATOR CERTIFICATION

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. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME *(print or type)*	B. SIGNATURE	C. DATE SIGNED

CONTINUE ON PAGE 5


INCINER

8/07/87 MARK DURWAY--NON-COMMUNITY LISTING PAGE 0001

PWID	PWMANAME	PWMAARCO	PWMAPNUM	PWPLSOC1	PWPLPOPL	PWPLTYPE	PWPLACTV	PWPLLAT1	PWPLLON1
0114145	WALSH MOBILE HOME PARK		0000000	G	000000040	N	A	0355418	0813500
0114439	IVA'S COUNTRY MUSIC & 321LOUNG	704	7548915	G	000000200	N	A	0355622	0813240
0114447	OUTPOST FISH CAMP	704	3961046	G	000000160	N	A	0355322	0813002
0114448	SEAFOOD HARBOR	704	7543297	G	000000070	N	A	0355730	0813425
0114462	GREER LABS	704	7580031	G	000000030	N	A	0355601	0812901
0114482	MT VIEW BAPT CHURCH	704	7581572	G	000000060	N	A	0355720	0813540
0114485	HIBRITEN BAPTIST CHURCH	704	7286588	G	000000150	N	A	0355325	0813008
0114486	CLEARVIEW BAPT CHURCH	704	7283540	G	000000110	N	A	0355330	0812820
0114491	ZACKS FORK BAPT CH	704	7585963	G	000000060	N	A	0355720	0813020
0114495	PISGAH CHURCH	704	7544972	G	000000080	N	A	0355430	0813505
0114504	CRESTVIEW BAPT CHRUCH	704	7581960	G	000000200	N	A	0355645	0813245
0114510	CEDAR ROCK BAPT CHRUCH	704	7547750	G	000000045	N	A	0355633	0812900
0114525	LENOIR MOOSE LODGE #385	704	7584817	G	000000300	N	A	0355450	0812935
0114535	ANDERSON TRUCK LINES	704	7289268	G	000000175	N	A	0355300	0812900
0114537	CELLU-PRODUCTS	704	7585151	G	000000030	N	A	0355640	0813430
0114538	CELLU-PRODUCTS WARRIOR PLT	704	7585151	G	000000215	N	A	0355630	0813330
0114540	WOODBURY LUMBER CO	704	7543468	G	000000025	N	A	0355730	0813420
0114558	CALDWELL WOODCARVING	704	7580186	G	000000050	N	A	0355420	0813440
0114560	CEDAR VALLEY METH CHURCH	704	7545960	G	000000030	N	A	0355321	0813540
0114564	GREER LAB	704	7580031	G	000000040	N	A	0355500	0813512
0114566	NORTHSIDE BAPT CHURCH	704	7283594	G	000000035	N	A	0355800	0813150
0114567	WORSHIP POINT BAPT CHURCH	704	7286776	G	000000075	N	A	0355445	0813540

8/07/87 MARK DURWAY--COMMUNITY LISTING PAGE 0001

PWID	PWMANAME	PWMAARCO	PWMAPNUM	PWPLSOC1	PWPLPOPL	PWPLTYPE	PWPLACTV	PWPLLAT1	PWPLLON1
0114010	LENOIR WATER TREATMENT PLANT	704	3961006	S	000015200	C	A	0355700	0812900
0114048	CALDWELL CO. WATER SYS. NORTH	704	7588451	P	000000120	C	A	0355600	0813500
0114105	FAIRWAY ACRES	704	7588851	G	000000180	C	A	0355400	0813415
0114126	WINDSOR PARK SUBDIVISION		0000000	G	000000080	C	A	0355536	0813032
0114160	KILLIAN WATER SYSTEM		0000000	G	000000025	C	A	0355500	0813510
0114161	INDIAN GRAVE MHP		0000000	G	000000080	C	A	0355710	0813330
0114401	B & F MHP		0000000	G	000000184	C	A	0355650	0813145
0114412	HOWARDS MHP		0000000	G	000000176	C	A	0355725	0813210
0114434	TEETER MHP	704	7543827	G	000000044	C	A	0355659	0813015
0114459	GREEN MOUNTAIN PARK	704	7580241	G	000000500	C	A	0355729	0813110
0114517	QUALITY CARE CENTER REST HOME	704	7588886	G	000000025	C	A	0355655	0813350