

\*136SERBSF10,609\*

\*136SERBSF10,609\*

Site Name (Subject): NORTH STATE CHEMICALS

Site ID (Document ID): NCD991278839

Document Name (DocType): Correspondence (C)

Report Segment:  
Description: General Correspondence, 1980 - 1995

Date of Document: 7/31/1995

Date Received:

Box: *Enter SF and # with no spaces* SF10,609

Access Level: PUBLIC

Division: WASTE MANAGEMENT

Section: SUPERFUND

Program (Document Group): SERB (SERB)

Document Category: FACILITY

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**NORTH STATE CHEMICAL INC.**

NCD 991 278 839

*Folders*

1. General Correspondence file, 1980—1995

*Bound Reports*

1. Photographs
2. Site Investigation Report: May 1987
3. FIT Report—Site Inspection Prioritization: May 1993



# U.S. Environmental Protection Agency Superfund Information Systems

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## Superfund Site Information

### NORTH STATE CHEMS INC

#### Site Information

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[Actions](#) | [Contaminants](#) | [Site-Specific Documents](#)

This site has been archived from the inventory of active sites.

**Site Name:** NORTH STATE CHEMS INC  
**Street:** 3301 SPRING GARDEN ST  
**City / State / ZIP:** GREENSBORO, NC 27407

**NPL Status:** Not on the NPL  
**Non-NPL Status:** NFRAP

**EPA ID:** NCD991278839  
**EPA Region:** 04  
**County:** GUILFORD

**Federal Facility Flag:** Not a Federal Facility

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## Superfund Site Information

### NORTH STATE CHEMS INC

#### Contacts

[Site Info](#) | [Aliases](#) | [Operable Units](#) | [Contacts](#)  
[Actions](#) | [Contaminants](#) | [Site-Specific Documents](#)

Title	Name	Phone Number
Remedial Project Manager (RPM)	JON BORNHOLM	(404) 562-8820
Remedial Project Manager (RPM)	Luis Flores	(404) 562-8807
Remedial Project Manager (RPM)	KEN LUCAS	(404) 562-8953
Remedial Project Manager (RPM)	KEN MALLARY	(404) 562-8802
Remedial Project Manager (RPM)	MICHAEL TOWNSEND	(404) 562-8813
Remedial Project Manager (RPM)	SAMANTHA URQUHART F	(404) 562-8760
Remedial Project Manager (RPM)	Phil Vorsatz	(404) 562-8789
Site Assessment Manager (SAM)	Jennifer Wendel	(404) 562-8799

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## Superfund Site Information

### NORTH STATE CHEMS INC

#### Actions

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<u>OU</u>	<u>Action Name</u>	<u>Qualifier</u>	<u>Lead</u>	<u>Actual Start</u>	<u>Actual Completion</u>
00	DISCOVERY		F		10/01/1980
00	PRELIMINARY ASSESSMENT	L	S		08/01/1984
00	SITE INSPECTION	N	S		06/01/1987
00	ARCHIVE SITE		EP		07/27/1993

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 4

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

JUL 31 1995,

SUBJECT: REMOVAL FROM EPA'S CERCLIS INVENTORY

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

TO: NORTH STATE CHEMICALS, INC. NCD 991 278 859

EPA has identified the Brownfields Initiative as one of the Agency's top priorities. Brownfields are abandoned, idled or under-used industrial and commercial facilities where expansion or redevelopment is complicated by real or perceived environmental contamination. EPA firmly believes that environmental cleanup is a building block in this process of economic revitalization, that restoring contaminated urban property can go hand in hand with bringing life and strength to a community through jobs, an enhanced tax base and a sense of optimism about the future. Toward this end EPA has recently announced a comprehensive strategy, including Pilot grants to municipalities, to stimulate such revitalization.

One action taken by EPA is to review the inventory of Superfund sites. These sites have been screened and determined to require no action under the Federal Superfund Program. This memorandum is to notify you that EPA has removed your facility from its 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

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

SITE NAME: North State Chemicals, Inc. CERCLIS #: NCD 991278839

AKA: NA SSID: NA

ADDRESS: 3301 Spring Garden St.

CITY: Greensboro STATE: N.C. ZIP CODE: 27407

SITE REFERENCE POINT: Center of South side of Mfg. Building

USGS QUAD MAP NAME: Pleasant Garden TOWNSHIP: - N/S RANGE: - E/W

SCALE: 1:24,000 MAP DATE: 1982 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: 79° 45' 00" LATITUDE: 35° 52' 30"

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

LONGITUDE: 79° 45' 00" LATITUDE: 35° 55' 00"

CALCULATIONS: LATITUDE (7.5' QUADRANGLE MAP)

A) NUMBER OF RULER GRADUATIONS FROM LATITUDE GRID LINE TO SITE REF POINT: 418

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

$$A \times 0.3304 = \underline{138.11}''$$

C) EXPRESS IN MINUTES AND SECONDS (1' = 60"): 2' 18.11"

D) ADD TO STARTING LATITUDE: 35° 55' 00.0" + 2' 18.0" =

SITE LATITUDE: 35° 57' 18.0"

CALCULATIONS: LONGITUDE (7.5' QUADRANGLE MAP)

A) NUMBER OF RULER GRADUATIONS FROM RIGHT LONGITUDE LINE TO SITE REF POINT: 130

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

$$A \times 0.3304 = \underline{42.95}''$$

C) EXPRESS IN MINUTES AND SECONDS (1' = 60"): 0' 42.95"

D) ADD TO STARTING LONGITUDE: 79° 45' 00.0" + 0' 43.0" =

SITE LONGITUDE: 79° 45' 43.0"

INVESTIGATOR: Jack Butler DATE: 13 May 1992

Site Name: North State Chems Inc  
Site Number: NCD 991 278 839

Site Location: Greensboro, N.C.  
Guilford County  
Latitude: 35 57 18.0  
Longitude: 79 45 43.0

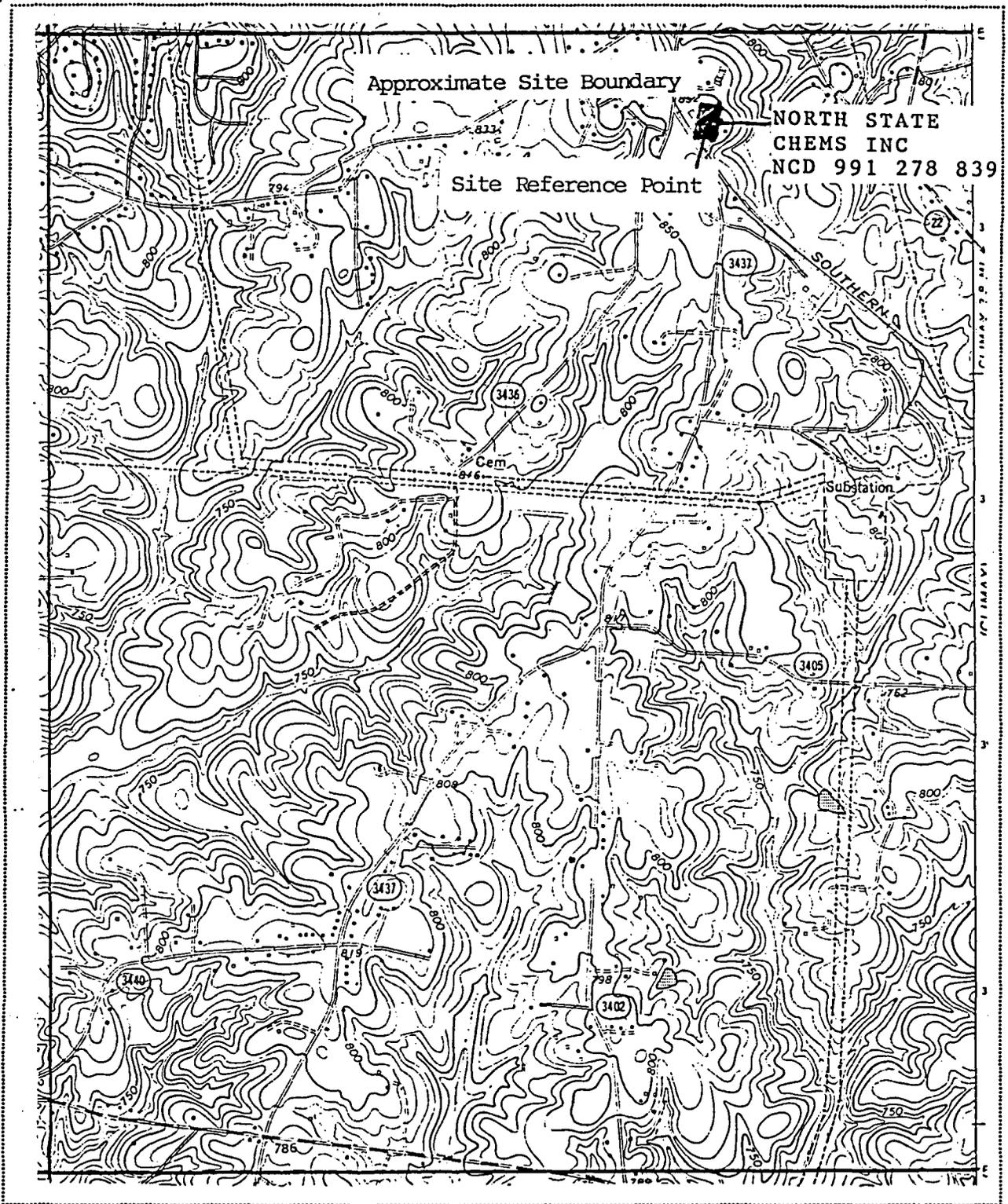
Date: July 06, 1992

#### Calculation Results

Distance from Site Location	Population		Number of Households	
	Per Ring	Cumulative	Per Ring	Cumulative
0 to 1/4 mile	24	24	8	8
>1/4 to 1/2 mile	97	121	34	42
>1/2 to 1 mile	646	767	237	279
>1 to 2 miles	2,393	3,160	900	1,179
>2 to 3 miles	3,078	6,238	1,217	2,396
>3 to 4 miles	6,218	12,456	2,461	4,857

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.

SITE NAME: North State Chem, Inc. NUMBER: NCD 991278839



TOPOGRAPHIC MAP QUADRANGLE NAME: Pleasant Garden SCALE: 1:24,000

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

LATITUDE: 35° 55' 00" LONGITUDE: 79° 45' 00"



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

9 February 1987

Mr. Tom Owens, Environmental Supervisor  
Guilford County Health Department  
P.O. Box 3508  
Greensboro, NC 27401 COURIER 215

Dear Mr. Owens:

Enclosed please find the preliminary assessment for **North State Chemical**. As we discussed, a site investigation was scheduled for 11 February 1987 by the Solid & Hazardous Waste Management CERCLA Unit. However, due to illness of one of the team members, field work may be postponed. Pat DeRosa or Mark Durway will contact you about rescheduling. If you have any questions, please do not hesitate to contact us at 733-2801.

Sincerely,

  
Lee Crosby, Chemist  
CERCLA Unit Manager  
Solid & Hazardous Waste Management Branch  
Environmental Health Section

LC/pc

cc: Mark Durway

*Rescheduled  
2-16*

Summary  
for  
North State Chemicals, Inc.  
3301 Spring Garden Street  
Greensboro, N. C. 27407  
NCD991278839

In November Mr. Clyde M. Marr, President of North State Chemicals, Inc. (NSC) notified under RCRA, Part A. The property owner, Southern Railway, however refused to sign the Part A. Mr. Marr was forced to move his operation from Spring Garden Street in Greensboro to Hunt Club Road in Pleasant Garden.

All drummed wastes were moved to Pleasant Garden. No clean-up was required at Spring Graden Street, the materials were stored inside a warehouse. (Steve Phibbs) Mr. Marr was trying to process and reclaim chemical wastes for resale. All available information indicates that all wastes disposed of by Mr. Marr was done properly. (see file) Operations began in 1978. No problem at the Spring Garden Street location.

After the illegal move (see file) to Hunt Club Road in Pleasant Garden the situation changed. Due to the move and now outside storage, there was some soil contamination noted on an inspection. (S. Phibbs, Wm. Paige) In August of 1983, Chemical Waste Management (CWM) removed 651, 55 gallon drums of chemical wastes from the property in a clean-up ordered by the State of North Carolina. Soil and other contaminated materials were also removed and landfilled in CWM's hazardous waste landfill.

Soil samples were taken to verify the clean-up. (Steve Phibbs, file)

North State Chemicals is no longer in business and its sites have been cleaned up. No further action.

8-8-84

Jen

PA File

8-8-84 Jen At the 3012 Committee meeting Mr. Strickland related that actually the companies had had given their wastes to NS Chemical got together ~\$50,000 and paid for the clean-up!

↑  
Acclimated in  
Desert opt.



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

5 December 1986

Mr. Bob Howard  
EPA NC CERCLA Project Officer  
Waste Division - Region IV  
345 Courtland Street, N.E.  
Atlanta, GA 30365

Dear Mr. Howard:

I understand that you are extremely concerned about the selection of sites for investigations for the January-March 1987 reporting quarter. Although the sites scheduled for investigations are always listed in the quarterly report and submitted to EPA Region IV during the first 20 days following the end of the previous quarter, site investigations planned for January - March 1987 are also listed below.

NCD980729677	Knob Creek
NCD991278839	North State Chemical
NCD991278755	Martin's Battery Salvage
NCD093137636	General Wood Preserving
NCD980503106	Sanitation Services Landfill
NCD053530234	NE Chemical Company
NCD061795696	Unitex
NCD079044426	General Electric Company Lighting System
NCD048184451	Burlington Furniture Home Chair Plant 196
NCD003471158	North Chemical Company
NCD040049173	Amoco Oil Company
NCD000770032	American Petrofina Marketing/Selma Term

Please contact me immediately if these sites are unsatisfactory.  
I may be reached at (919) 733-2801.

Sincerely,

A handwritten signature in cursive script that reads "Lee Crosby".

Lee Crosby  
CERCLA Program Manager  
Solid & Hazardous Waste Management Branch

LC/pc

cc: Ms. Denise Smith  
Mr. Bob Jourdan

NCD991278839 GUILFORD N STATE CHEMS INC 3301 SPRING GARDEN ST GREENSBORO NC 27407				HAZARDOUS WASTE ASSESSMENT AND ASSESSMENT		I. IDENTIFICATION 01 STATE NC 02 SITE NUMBER 991278839	
STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER							
DATE		05 ZIP CODE		06 COUNTY		07 COUNTY CODE	08 CONG DIST
				Guilford		041	06
09 COORDINATES		LATITUDE		LONGITUDE			
10 DIRECTIONS TO SITE (Starting from nearest public road) 2 sites - maps attached for Spring Garden & Hunt Road							
III. RESPONSIBLE PARTIES							
01 OWNER (if known)				02 STREET (Business, mailing, residential)			
Mr. Clyde M. Marr				P. O. Box 1633			
03 CITY		04 STATE		05 ZIP CODE		06 TELEPHONE NUMBER	
Greensboro		NC		27402		919 855-6046	
07 OPERATOR (if known and different from owner)				08 STREET (Business, mailing, residential)			
Same							
09 CITY		10 STATE		11 ZIP CODE		12 TELEPHONE NUMBER	
						( )	
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN							
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply) <input type="checkbox"/> A. RCRA 3001 DATE RECEIVED: ____/____/____ MONTH DAY YEAR <input type="checkbox"/> B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: ____/____/____ MONTH DAY YEAR <input type="checkbox"/> C. NONE							
IV. CHARACTERIZATION OF POTENTIAL HAZARD							
01 ON SITE INSPECTION		BY (Check all that apply)					
<input checked="" type="checkbox"/> YES    DATE <u>3/9/81</u> <input type="checkbox"/> NO    MONTH DAY YEAR 8/15/83		<input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify)					
02 SITE STATUS (Check one)		03 YEARS OF OPERATION					
<input type="checkbox"/> A. ACTIVE <input checked="" type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		1978		1983		<input type="checkbox"/> UNKNOWN	
		BEGINNING YEAR		ENDING YEAR			
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED Spring Garden Street & Hunt Club Road. Sites used to process chemical wastes for resale. No problem at Spring Garden Street & Hunt Club Road, site was cleaned up in 1983.							
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION None - Site cleaned up 8-84 (see file)							
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) <input type="checkbox"/> A. HIGH (inspection required promptly) <input type="checkbox"/> B. MEDIUM (inspection required) <input type="checkbox"/> C. LOW (inspect on time available basis) <input checked="" type="checkbox"/> D. NONE (No further action needed, complete current disposition form)							
VI. INFORMATION AVAILABLE FROM							
01 CONTACT		02 OF (Agency, Organization)			03 TELEPHONE NUMBER		
Steve Pibbs    WMS		DHR S & HW			919 733-2178		
04 PERSON RESPONSIBLE FOR ASSESSMENT		05 AGENCY	06 ORGANIZATION		07 TELEPHONE NUMBER	08 DATE	
O. W. Strickland		DHR	S & HW		(919) 733-2178	8 18 84 MONTH DAY YEAR	



Ronald H. Levine, M.D., M.P.H.  
STATE HEALTH DIRECTOR

DIVISION OF HEALTH SERVICES  
P.O. Box 2091  
Raleigh, N.C. 27602-2091

August 10, 1984

PH  
File

Mr. Walton Jones  
EPA 3012 Regional Project Officer  
Air and Hazardous Materials Division  
345 Courtland Street, N.E.  
Atlanta, Georgia 30365

RE: Preliminary Assessment Reports/  
Transmittal Letter

Dear Mr. Jones:

Submitted under this cover are the Preliminary Assessment Reports for the following ERRIS List Sites in North Carolina:

North State Chemicals, Inc.  
3301 Spring Garden Street  
Greensboro, N. C. 27407

NCD991278839  
Guilford County

The location noted here is where the facility began operations sometime in 1978 as a processor and reclaimer of industrial chemical wastes. The company had problems with the property owner and moved to another location. The State forced a cleanup of the second location when the company went out of business in 1983. Both sites are "clean" and are not CERCLA hazardous waste disposal sites.

Based on the review of available information we recommend that no further action is required at this site. It is therefore requested that North State Chemicals be placed on the inactive ERRIS List.

Rohm & Haas, Inc.  
Cedar Creek Road  
Fayetteville, N. C. 28302

NCD039047485  
Cumberland County

This listing is an ERRIS List Duplication and therefore request that it be removed from ERRIS. The correct site identification is: Rohm & Haas Co. - Corodel Plant NCD990714479, Cedar Creek Rd, Fayetteville. The correct listing is already on the ERRIS List and a PA is being completed for the site. The RCRA ID number is also NCD990714479.

Mr. Walton Jones  
August 13, 1984  
Page 2

Hoover Universal, Inc.  
1131 Blandwood Circle  
High Point, N. C. 27261

NCD990715625  
Guilford County

Hoover notified for some 600 gallons of paint sludges and solvents stored on site since 1972 in steel drums. The wastes were properly disposed of under RCRA. Past hazardous waste disposals were also requested and have been noted. No disposals on-site.

Based on the review of available information we recommend that no further action is required at this site. It is therefore requested that Hoover Universal be placed on the inactive ERRIS List.

Indian Grave Gap Drum Disposal  
SR # 1513  
Lenoir, N. C. 28645

NCD980839757  
Caldwell County

In April of 1984 an undetermined quantity of relatively poor condition 55 gallon drums containing sludges and solids were reported to this office. Analyses of samples taken indicate some of the drums may contain hazardous wastes, heavy metals and organic solvents. This remote area, accessible by dirt road, has been used as a garbage dump for many years. Although no public health risks have been associated with this site a medium priority for site inspection is recommended. The SI would determine number and condition of drums, identify hazardous constituents present and check for wastes migration potential. The use of aerial photographs will probably be requested for the SI. An initial study for responsible parties should also be considered.

Therefore, based on the review of available information we recommend that this site remain on the active ERRIS List for further evaluation as a hazardous waste disposal site.

Photo Chemical Systems, Inc.  
11 N. Pine Street  
Wendell, N. C. 27591

NCD000831065  
Wake County

The company is no longer at this address, and will not be at its present address after September of this year. This operation sells commercial chemicals to its customers to use for plating and finishing of printed circuit boards. They notified under RCRA as a transporter, so they could dispose of their customers chemical plating wastes as a service to the customer. All hazardous waste is manifested to SCA. No disposals or releases of hazardous waste were reported for either location.

Based on the review of available information we recommend that no further action is required at this site. It is therefore requested that Photo Chemical Systems be placed on the inactive ERRIS List.

Woolfolk Chemical Works  
Wilson Road  
Wendell, N. C. 27591

NCD991277807  
Wake County

Woolfolk sold commercial brands of pesticides and herbicides in small prepackaged containers. They notified under RCRA as a precaution in case of a ruptured container or fire they would have an I.D. number. No disposals or releases were reported during the time they operated out of this location, 1978 to 1982. Woolfolk no longer operates in Wendell and has closed several such facilities, similar to this one, elsewhere in North Carolina.

Based on the review of available information we recommend that no further action is required at this site. It is also requested that Woolfolk be placed on the inactive ERRIS List.

DuPont  
Station Road  
Cedar Mountain, N. C. 28718

NCD003152329  
Transylvania County

DuPont notified under CERCLA 103(c) of two (2) disposal sites on plant property. One for acid disposals, 1958-1963 and the other for a gel with 170 ppm cadmium chloride, 1973-1980. DuPont later notified 3012 of additional disposal sites on plant property during an information request by this office. These other disposal sites range from nonhazardous garbage to hazardous liquid solvent disposals. As far as potential problem areas, the liquid solvent waste disposals are probably of greater concern than some of the other solid hazardous waste burials. None of these disposals have ever had subsurface monitoring for G-W contamination. No public health risks are associated with these disposals as they are all confined to company property, which in this case is quite extensive.

Based on the review of available information a medium to low priority for site inspection is recommended for this site. Future work at these disposal locations would evaluate them for groundwater contamination and potential for off-site migration and impact. It should also be noted that N. C. Solid Wastes Rules for sanitary landfills were in possible violation and should be investigated for possible monitoring requirements under those rules. This site should remain on the active ERRIS List.

DuPont/Brevard Plant

NCD980557920  
Transylvania County

This listing is an ERRIS List duplication and therefore request that it be removed from ERRIS. DuPont was on the list because of a 103(c) notification and a RCRA notification. This is one site and we request that DuPont be listed the same as in RCRA: DuPont NCD003152329. (see above for site priority, already in ERRIS)

Chloride Automotive Batteries  
2539 Timberlake Road  
Raleigh, N. C. 27604

NCD080894645  
Wake County

This site is on the ERRIS List because of a RCRA notification. Our investigation shows that it is not a disposal site and that all wastes generated were taken off-site for disposal or re-use at other company facilities. This is not a CERCLA site. The RCRA program is investigating the site for improper closure under RCRA when the facility stopped manufacturing batteries here in 1981.

Based on the review of available information we recommend that no further action is required at this site. Therefore, it is requested that Chloride be placed on the inactive ERRIS List.

Westinghouse - Meter & Light Division  
US #1 North  
Raleigh, N. C.

NCD003195963  
Wake County

This facility was placed on the ERRIS List due to notification under the RCRA program. However, investigation by this Branch shows that the facility does have an electroplating sludge pile/disposal area on site. According to our records, Westinghouse did not notify under a CERCLA 103(c) as required for hazardous waste disposal sites. It is possible they considered this "pile" to be storage and in that case should be addressed by RCRA. Further clarification of this matter is pending additional work by the RCRA program. If however, the hazardous waste is not addressed by RCRA we recommend a medium priority for site inspection at this time (SI completed 7-20-84). The SI should confirm the presence of the hazardous waste and sample for potential off-site migration. No public health risks noted.

Based on the review of available information we recommend that an investigation be initiated to determine the status of this site under RCRA or CERCLA and that the site remain on the active ERRIS List until the issue is resolved.

Mr. Walton Jones  
August 13, 1984  
Page 5

Note, past disposal activities of Westinghouse may lead to other disposal locations, off-site.

Southern Wood Piedmont Company  
Greenfield Street  
Wilmington, N. C. 28401

NCD058517467  
New Hanover County

This site was the location of a wood treating facility from 1933 to 1983. They used, spilled and disposed on-site creosote residues, pentachlorophenol residues as well as CCA mixtures. The company is trying to address some of the areas of concern under their closure with RCRA. The other areas will not be cleaned-up. The major CERCLA area reported is where creosote sludges and residues were disposed in a lagoon and later buried. The site is on the edge of the Cape Fear River and G-W is reported to be only 18" below the surface. Significant creosote contamination was visible during a site visit on 7-23-84. (Soil & Water)

Based on the review of available information, we recommend a medium priority for site inspection at this site. Therefore it is requested that Southern Wood Piedmont remain on the active ERRIS List as a hazardous waste disposal site.

Note: Site referred to EPA for FIT evaluation and SI.

Southern Wood Piedmont Company  
SR #2139  
Gulf, N. C. 27256

NCD053488557  
Chatham County

This site was reported by the company under a CERCLA 103(c) notification for disposal of creosote, PCP and CCA wood treating residues and sludges on site. The site was recommended for a medium priority for site inspection and referred to EPA for FIT evaluation. It was later learned that a FIT SI had been done in 1983. (Attached)

Based on the review of available information and the FIT SI a low priority for follow-up is recommended. This is based primarily on the conclusion that the FIT SI detected no off-site impact from past disposals. However, it is requested that this site remain on the active ERRIS List.

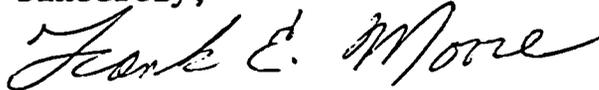
Note: The company is reportedly planning to do additional site clean-up in the future.

Mr. Walton Jones  
August 13, 1984  
Page 6

Please find attached the site summary sheet for the above sites.

If you have any questions or comments regarding the contents of this report, please call me.

Sincerely,

A handwritten signature in cursive script that reads "Frank E. Moore".

Frank E. Moore, Geologist

Solid & Hazardous Waste Management Branch  
Environmental Health Section

FEM:jj

PRELIMINARY ASSESSMENTS SUBMITTED TO EPA

Date August 13, 1984

EPA ID NUMBER	SITE NAME	DISPOSITION			NO FURTHER ACTION
		PRIORITY-INSPECTION HIGH	MEDIUM	LOW	
NCD991278839	N. State Chemicals, Inc.				X
NCD039047485	Rohm & Haas, Inc.		(Duplication)		X
NCD990715625	Hoover Universal, Inc.				X
NCD980839757	Indian Grave Gap Drum Disposal		X		
NCD000831065	Photo Chem Systems, Inc.				X
NCD991277807	Woolfolk Chemical Wks.				X
NCD980557920	DuPont/Brevard		(Duplication)		X
NCD003152329	DuPont		X	to <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">X</span> <i>offm</i>	
NCD080894645	Chloride Automotive Batt.				X
NCD003195963	Westinghouse		X		
NCD058517467	Southern Wood Piedmont		X		
NCD053488557	Southern Wood Piedmont		X	to <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">X</span> <i>offm</i>	



NEED TO START file

State of North Carolina  
Department of Justice

RUFUS L. EDMISTEN  
ATTORNEY GENERAL

P. O. BOX 629  
RALEIGH  
27602-0629

September 24, 1982

MEMORANDUM

TO: Heman Clark  
Secretary, Crime Control and Public Safety

FROM: Robert R. Reilly *RR*  
Assistant Attorney General Phone: 733-4618

Thomas G. Meacham, Jr. *TGM*  
Assistant Attorney General Phone: 733-6890

RE: Status of North State Chemicals, Inc.--Requested by Bill Phillips

The State of North Carolina, along with certain Federal officials, are currently involved in two lawsuits over the barrels of hazardous waste (approximately 665) being stored by North State Chemicals, Inc. in Pleasant Garden. The total amount of money available from both the company and its owner will not exceed \$10,000 while the cost of a clean-up has been estimated at between \$50,000 - \$55,000. Even if the State is successful in either one or both of the pending lawsuits, North State will apparently not be able to comply with a court order to clean-up the site. Because of this fact, the State and the Federal government are seeking to end the litigation through a consent order. A copy of this proposed order is attached for your information. The order is structured for the State to receive all the money it can from the company in addition to the company liquidating itself and going out of business.

At least two options remain for the removal of the barrels. The first is for the State to allocate the necessary money from the emergency and contingency fund and to contract with a qualified company for the clean-up. While this is the most expensive option for the State, it is also the most expedient one. The second option is to put pressure on the generators of the waste to contribute funds toward a clean-up. Just last week the EPA assigned an attorney to the case for this very reason and a "demand payment" letter will be sent to the generator companies shortly. However, even if the companies appear willing to finance some or all of the clean-up, weeks of negotiations are anticipated. If the companies decide to contest payment, months of litigation will likely ensue.

Memorandum to Heman C. Cook  
September 24, 1982  
Page Two

This memorandum was intended to give a general overview of the North State Chemical problem together with our current options. We are most willing to meet with you to discuss the problem in more detail.

RRR:TGM:dht

Attachment

cc: Bill Phillips  
O. W. Strickland  
Bill Meyer

CST



N. C. DEPARTMENT OF HUMAN RESOURCES  
DIVISION OF HEALTH SERVICES  
STATE LABORATORY OF PUBLIC HEALTH  
P. O. BOX 28047 - 306 N. Wilmington St., Raleigh 27611

Site Number 41-000001000 R Field Sample Number 000909 Lab ID # \_\_\_\_\_  
Name of "Site" North State Chemicals site Location Piedmont Cedar Products  
Hunt Club Road Hunt Club Rd.  
Pleasant Garden, N.C. Pleasant Garden, N.C.  
Collected by S. Phibbs ID # 08 Date Collected 12/15/83 Time 10:45 A.M.

Type of Sample: Environmental Concentrate  
 Ground  Solid  
 Surface  Liquid  
 Soil  Sludge  
 Other  Other

Comments: Analyze for 1,1,1 Trichloroethane ONLY!

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results	Parameter	Results	Parameter	Results
— Arsenic	_____	— Arsenic	_____	— Chloride	_____
— Barium	_____	— Barium	_____	— Conductivity	_____
— Cadmium	_____	— Cadmium	_____	— Copper	_____
— Chromium	_____	— Chromium	_____	— Fluoride	_____
— Lead	_____	— Lead	_____	— Iron	_____
— Mercury	_____	— Mercury	_____	— Manganese	_____
— Selenium	_____	— Selenium	_____	— Nitrate	_____
— Silver	_____	— Silver	_____	— pH	_____
—	_____	—	_____	— Sulfates	_____
—	_____	—	_____	— TDS	_____
—	_____	—	_____	— Zinc	_____
—	_____	—	_____	<input checked="" type="checkbox"/> 1,1,1-TCE	<u>N.D.</u>
—	_____	—	_____	<input checked="" type="checkbox"/> Methylene	
—	_____	—	_____	<u>chloride</u>	<u>260 ppb</u>

Date Received 12-16-83 Date Reported 1/31/84 Date Analyzed \_\_\_\_\_  
Reported by John G. Neal Lab Number 337292

**ORGANIC CHEMISTRY**

Parameter	Results	Parameter	Results
Endrin		1,1,1 Trichloroethane	N.D.
Lindane		Methylene Chloride	< 50 ppb
Methoxychlor			
Toxaphene			
2,4-D			
2,4,5-TP(Silvex)			
PCB's			
Petroleum			
TOC			
TOX			

Date Received \_\_\_\_\_ Date Reported \_\_\_\_\_ Reported by \_\_\_\_\_

Date Extracted \_\_\_\_\_ Date Analyzed \_\_\_\_\_ Lab Number \_\_\_\_\_

**MICROBIOLOGY**

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

Date Received \_\_\_\_\_ Date Analyzed \_\_\_\_\_ Date Reported \_\_\_\_\_

Reported by \_\_\_\_\_ Lab Number \_\_\_\_\_

**RADIOCHEMISTRY**

Parameter	Results	Parameter	Results
Gross Alpha			
Gross Beta			

Date Received \_\_\_\_\_ Date Analyzed \_\_\_\_\_ Date Reported \_\_\_\_\_

Reported by \_\_\_\_\_ Lab Number \_\_\_\_\_

Att: John Neal

SG file North Sta Superfund Site

North Carolina Department of Human Resources  
Division of Health Services  
Occupational Health Laboratory



ANALYSIS REPORT

Organic Analysis

Company: North State Chemical Company (Piedmont Cedar Products)

Address: Pleasant Garden, N.C.

Service Requested: Headspace Analysis - Chlorinated and Non-Chlorinated Solvent

Sample Taken On: 8/11/83

By: Steve Phibbs

Submitted To Laboratory On: \_\_\_\_\_

By: Courier

Date of Analysis: 8-17-83

Date Reported: 8-18-83

Analyzed By: V. Noble

LABORATORY NUMBER	SAMPLE NUMBER	DESCRIPTION	REMARKS	RESULTS IN
305006				
305007				
305008				

COMMENTS:  Contact Bill Meyer for details of ANALYSIS  
8-11-83

REPORTED BY: John R. Neal  
Chief, Occupational Health Lab



DEPARTMENT OF HUMAN RESOURCES  
DIVISION OF HEALTH SERVICES  
ENVIRONMENTAL HEALTH SECTION



REPORT OF INVESTIGATION OR INSPECTION OF North State Chemical Company

Place visited North State Chemical (Piedmont Cedar Products) Date August 10, 11, 15 1983

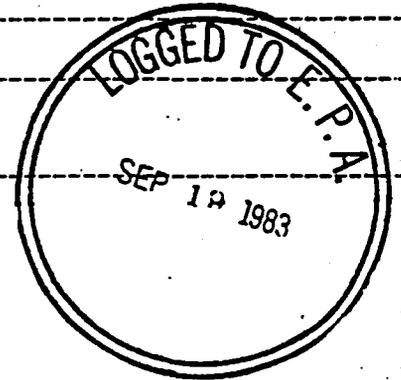
Address Pleasant Garden, North Carolina Time spent 14 hours

By whom Steve Phibbs, Waste Management Specialist, D.H.S.

Persons contacted Cecil Gore, Chemist, Chemical Waste Management  
(Owner, agent, tenant, manager, other)

Reason for visit Investigation of chemical clean-up.

Copies to: O.W. Strickland  
William Paige  
Tom Owens



REPORT:

On August 10, 11 and 15, I investigated the clean-up of the North State Chemical Company (Piedmont Cedar Products) in Pleasant Garden, N.C. The site clean-up was performed by Chemical Waste Management from Emelle, Alabama. Cecil Gore, chemist, was the on-scene coordinator.

Approximately 651-55 gallon drums were packaged and transported to the chemical waste landfill in Alabama for disposal. An undetermined amount of soil and wooden pallets were also transported as contaminated materials to Chemical Waste's hazardous waste landfill.

We have requested copies of all manifests generated at the North State site. Also on August 11, soil samples were collected and sent to the Department of Human Resources Laboratory. This was necessary to insure the removal of all contaminated soil.

The final truck of waste was loaded on Friday, August 12, 1983. I conducted a visual inspection at the site on Monday August 15, 1983. No evidence of contaminated soil could be detected and clean-up should be complete contingent on the results of the soil analysis.

SP/kd

NORTH STATE CHEMICALS, INC.

HAZARDOUS WASTE  
FACILITY CLOSURE FINANCIAL REQUIREMENTS

Pleasant Garden Hunt Road Site

Since planned closure (see Closure Plan) is in essence accomplished by reclaiming all hazardous waste raw materials in the normal manner with the normal operating costs attributable to that, no hazardous waste facility closure costs would be applicable.

NORTH STATE CHEMICALS, INC.

HAZARDOUS WASTE  
CLOSURE PLAN

Pleasant Garden Hunt Road Site

The operations of North State Chemicals, Inc. relative to hazardous wastes is to receive materials generated either off or on the site, store them prior to processing, process the materials to reclaim useable products and reduce the volume classifiable as hazardous waste, and ship the remaining hazardous waste residue to licensed disposal sites. No long term storage or disposal is to be done on site. The estimated maximum inventory of wastes in storage or treatment at any given time will be 50,000 gallons.

Closure Plan

- A. A decision to cease handling hazardous wastes will result in the following steps:
1. The shipment of hazardous waste material from off the site and/or the accumulation of material from on site processes that produce hazardous waste from non-hazardous waste raw materials will cease.
  2. All stored hazardous waste raw materials will be processed in the normal manner appropriate for that material.
  3. After completion of step 2 above, all storage and processing equipment will be cleaned in the normal manner appropriate to the process and materials involved.
  4. All residual hazardous wastes will be shipped to licensed disposal sites.
- B. A decision to transfer the hazardous waste operations to another site will result in the following steps:
1. The shipment of hazardous waste material from off the site and/or the accumulation of material from on site processes that produce hazardous waste from non-hazardous waste raw materials will cease.
  2. All or most of the stored hazardous waste raw materials will be processed in the normal manner appropriate for that material.
  3. After completion of step 2 above, all storage and processing equipment will be cleaned in the normal manner appropriate to the process and materials involved.
  4. All unprocessed hazardous waste raw materials will be shipped to the new site. All residual hazardous wastes will be shipped to licensed disposal sites.

HAZARDOUS WASTE  
CONTINGENCY PLAN

Pleasant Garden Hunt Road Site

The site (see attached topographical map and site plot plan) contains approximately 700 palletized 55-gallon drums of hazardous waste stored mostly outdoors. The materials are mixtures of various chemicals including water. None of the mixtures are flammable, approximately 75% are combustible and the rest incombustible. Most of the materials are very viscous or solid. A listing of the major hazardous components are in Section II below and Material Safety Data Sheets for these components are attached.

I. Contingency Plan

- A. Fires, explosions, or any other releases which pose a threat of fire or detriment to human health or the environment shall be reported immediately to the Guilford County Fire Marshall Emergency Squad at:

Phone 292-6121

and:

North State Chemicals, Inc.  
Emergency Coordinator Clyde M. Marr

Shall be notified at:

Business: 855-6046

Home: 294-4838

- B. Spills from a leaking drum or other container that do not pose a threat of fire or a substantial threat to human health (localized leakage) shall be contained and collected in an appropriate container and shall be labeled and marked with the appropriate hazardous waste identification.
- C. Contents of leaking drums shall be transferred to another drum if possible, or the leaking drum shall be placed into an overpack container.
- D. Reportable spills or leakage are to be reported to:
1. North Carolina - Regional Office & Contact  
Winston-Salem (919) 761-2351 Russel Radford
  2. EPA (404) 881-3931 (Regular Hours)  
Oil/Liquid Spill (404) 881-4062 (24-hour number)
  3. Nation Response Center - for notification of release of hazardous substance to the environment in reportable quantities: (800) 424-8802.

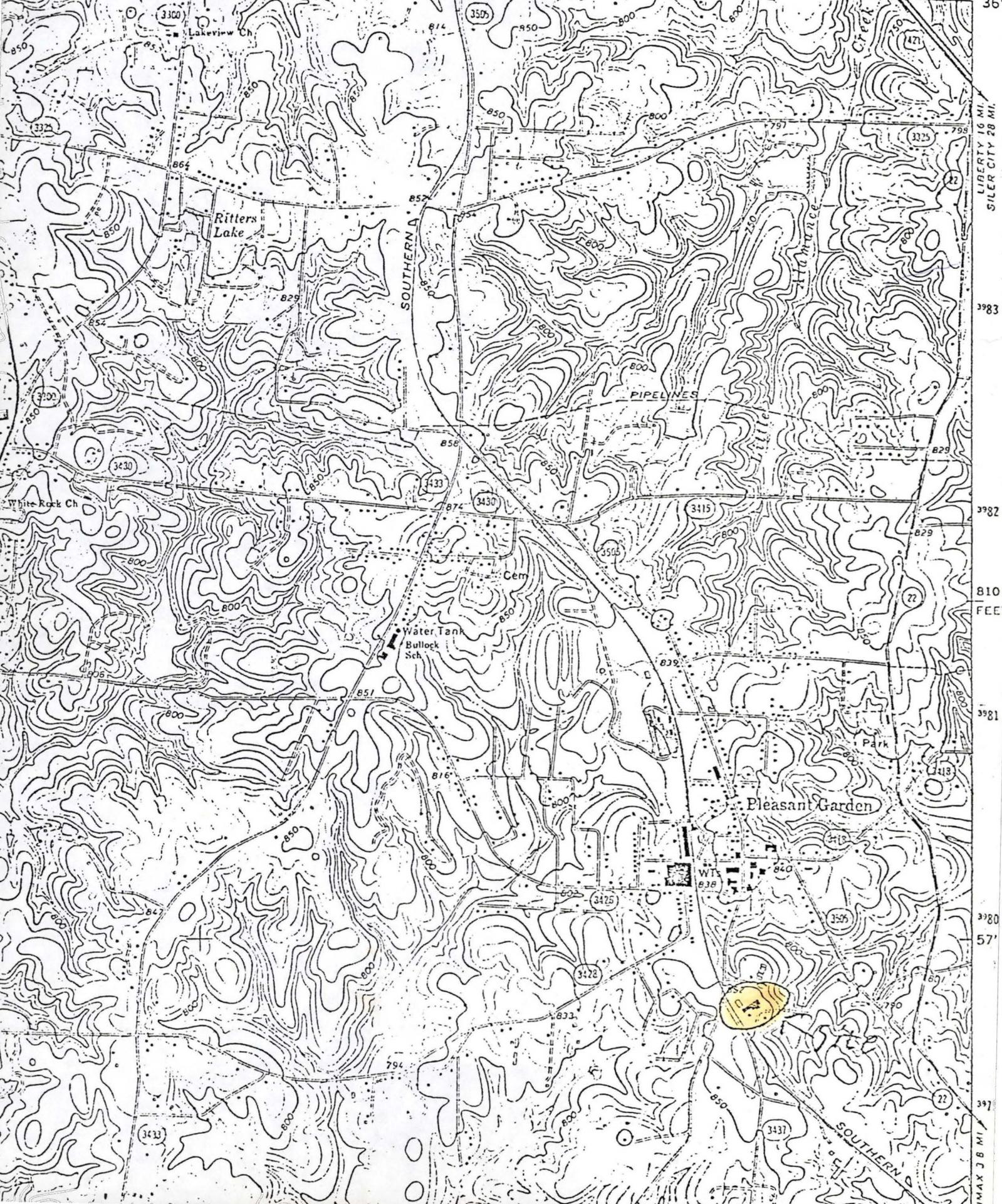
II. Major hazardous chemical components of stored materials

- A. Methylene Chloride
- B. 1,1,1 Trichloroethane
- C. Dimethylformamide (DMF)

SOURCES

PLEASANT GARDEN QUADRANGLE  
NORTH CAROLINA  
7.5 MINUTE SERIES (TOPOGRAPHIC)

ORO 4.5 MI. 47' 30" 610 1770000 FEET 611 GREENSBORO 4.9 MI. 79° 45' 36"



LIBERTY 10 MI.  
SILER CITY 28 MI.  
3983  
3982  
B10  
FEE  
3981  
3980  
57'  
397  
SOUTHERN  
LIMAX J 8 MI.

OSBY G. SLATE

BOREN CLAY

20 UTIL ESMT

C

B

A

Math  
store  
store

ASPH

CONC

ASPH

CONC

CONC  
MOD

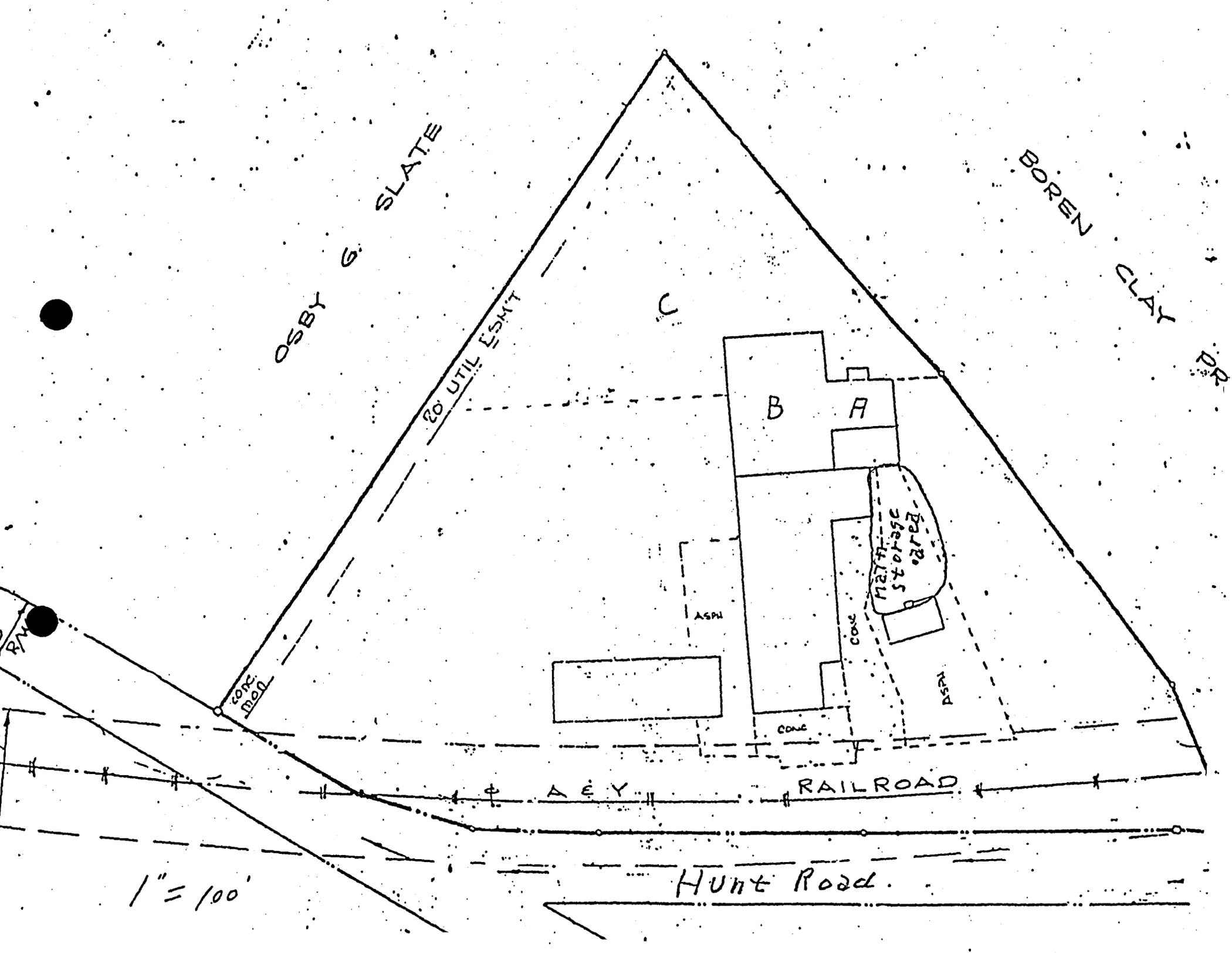
A E Y

RAILROAD

Hunt Road

1" = 100'

R/W



# MATERIAL SAFETY DATA SHEET

16

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

December 1977

## SECTION I

MANUFACTURER'S NAME PPG Industries, Inc.		EMERGENCY TELEPHONE NO. (304) 843-1300
ADDRESS (Number, Street, City, State, and ZIP Code) One Gateway Center, Pittsburgh, PA 15222		
CHEMICAL NAME AND SYNONYMS 1,1,1-trichloroethane; methylchloroform		TRADE NAME AND SYNONYMS TRI-ETHANE®
CHEMICAL FAMILY Halogenated Hydrocarbons	FORMULA CH <sub>3</sub> CCl <sub>3</sub>	

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Stabilized 1,1,1-trichloroethane				100	350 ppm

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	165.4	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	1.31
VAPOR PRESSURE (mm Hg.)	120	PERCENT VOLATILE BY VOLUME (%)	100
VAPOR DENSITY (AIR=1)	4.54	EVAPORATION RATE (ethyl ether=1)	0.35
SOLUBILITY IN WATER	Negligible Molecular Weight		132
APPEARANCE AND ODOR	Clear, colorless liquid; ether-like odor		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	See attached sheet.	FLAMMABLE LIMITS	Let	Uel
EXTINGUISHING MEDIA	Water, dry chemical or carbon dioxide			
SPECIAL FIRE FIGHTING PROCEDURES	Wear pressure-demand self-contained breathing apparatus for possible exposure to hydrogen chloride and phosgene.			
UNUSUAL FIRE AND EXPLOSION HAZARDS	Vapors can be ignited by high intensity source of ignition. Can decompose or burn to form hydrogen chloride and traces of phosgene.			

## SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

350 ppm -- 8-hour TWA (OSHA -- 29 CFR 1910.1000)

EFFECTS OF OVEREXPOSURE

See attached sheet.

EMERGENCY AND FIRST AID PROCEDURES

See attached sheet.

## SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

Avoid open flames, hot glowing

STABLE

X

surfaces and electric arcs.

INCOMPATIBILITY (Materials to avoid)

Avoid mixing with caustic soda, caustic potash or oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS

HCl and possible traces of phosgene.

HAZARDOUS  
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

## SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Immediately evacuate area and provide maximum ventilation. Only personnel equipped with proper respiratory and skin/eye protection should be allowed in area. Collect spilled material on sawdust or vermiculite and sweep into closed containers for disposal. Then flush

area with plenty of water and maintain ventilation until vapors are eliminated.

WASTE DISPOSAL METHOD

EPA-approved incineration or contact local waste disposal contractor.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

See attached sheet.

VENTILATION

LOCAL EXHAUST

SPECIAL

MECHANICAL (General) Sufficient to maintain workplace concentration below TLV.

OTHER

PROTECTIVE GLOVES Polyethylene, neoprene, or polyvinyl alcohol.

EYE PROTECTION Splash-proof goggles used in accordance with 29 CFR 1910.133.

OTHER PROTECTIVE EQUIPMENT

Safety shoes, eye-wash fountain.

## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

See attached sheet.

OTHER PRECAUTIONS

See attached sheet.

ADDENDUM TO MATERIAL SAFETY DATA SHEET

ON TRI-ETHANE® 1,1,1-TRICHLOROETHANE (December, 1977)

SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

Flash Point - None when tested in accordance with standard accepted laboratory techniques; however, 1,1,1-trichloroethane vapors concentrated in a confined or poorly ventilated area can be ignited upon contact with a spark, flame or high-intensity source of heat. This can occur at concentrations ranging between 8 percent and 15 percent by volume.

SECTION V -- HEALTH HAZARD DATA

Acute Toxicity Values (1) - Oral LD<sub>50</sub> (rat): 10 - 12 gm/kg.  
Oral LD<sub>50</sub> (rabbit, guinea pig): 5.6 - 9.5 gm/kg  
Inhalation LC<sub>50</sub> (rat): 8,000 ppm/7 hours

Effects of Overexposure

Acute: Primarily a central nervous system depressant. Inhalation can cause irritation of the respiratory system; dizziness, nausea, lightheadedness, headache, loss of coordination and equilibrium, unconsciousness, and even death in confined or poorly ventilated areas. Depression of the circulatory system has been reported as a result of overexposure to methyl chloroform. Ventricular arrhythmia may be induced after sensitization to epinephrine.

Eye contact can result in discomfort, pain and irritation. Prolonged or repeated contact with the skin can cause irritation and dermatitis.

Chronic: Torkelson, et. al. (1959) reported that female guinea pigs had slight inflammation of lungs and fatty changes in liver at chronic exposure concentrations of 2,000 ppm, although no evidence can presently be found to confirm any chronic exposure hazard to humans.

Emergency and First Aid Procedures

Inhalation Overexposure: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.

Note to Physician: Avoid use of adrenalin in any case where a person has been overcome by 1,1,1-trichloroethane.

Eye Contact:

Skin Contact: Wash thoroughly with plenty of soap and water. If irritation occurs, consult a physician.

Swallowing: If conscious, drink a quart of water then induce vomiting by placing a finger far back in the throat. Call a physician. If vomiting cannot be induced, take immediately to a hospital or physician. If unconscious, or in convulsions, take immediately to a hospital or physician. DO NOT induce vomiting or give anything by mouth.

## SECTION VIII -- SPECIAL PROTECTION INFORMATION

Respiratory Protection -- NIOSH/MESA approved organic vapor respirator for concentrations below 1000 ppm. For 1000 ppm and above, use air-supplied respiratory protection. Consult 29 CFR 1910.134 for details.

## SECTION IX -- SPECIAL PRECAUTIONS

### Precautions to be Taken in Handling and Storing

- Do not use in poorly ventilated or confined spaces.
- Keep containers tightly closed when not in use.
- Do not store in open, unlabeled or mislabeled containers.
- Do not store degreaser clean-out sludge in tightly sealed containers.
- Sludge containing finely divided aluminum residues should be stored out of doors away from combustible materials.
- Liquid oxygen or other strong oxidizers may form explosive mixtures with 1,1,1-trichloroethane when mixed in confined areas.
- Under certain conditions, decomposition may occur followed by release of hydrogen chloride vapors when 1,1,1-trichloroethane is blended with other organic materials such as toluene. Before performing any such blending operations, consult with PPG on potential hazards involved.

### Other Precautions

- Avoid prolonged or repeated breathing of vapor.
- Use only with ventilation sufficient to limit employee exposure below OSHA permissible exposure limit.
- Avoid contact with eyes.
- Avoid prolonged or repeated contact with skin.
- Do not take internally

## MATERIAL SAFETY DATA SHEET

Chloromethane

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

## SECTION I

ALLIED CHEMICAL CORPORATION Specialty Chemicals Division	EMERGENCY TELEPHONE NO. (201) 455-2000
ADDRESS P. O. Box 1087R, Morristown, NJ 07960	
CHEMICAL NAME AND SYNONYMS Methylene Chloride (Dichloromethane)	TRADE NAME AND SYNONYMS Methylene Chloride
CHEMICAL FAMILY Chlorinated hydrocarbons	FORMULA CH <sub>2</sub> Cl <sub>2</sub>

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Inhibited Technical Grade contains 0.025% amylene					

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	104	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	1.326
VAPOR PRESSURE (mm Hg.) (20° C)	350	PERCENT VOLATILE BY VOLUME (%)	100
VAPOR DENSITY (AIR=1)	2.93	EVAPORATION RATE (Time to ( <u>ether</u> = 1) evaporate)	1.8
SOLUBILITY IN WATER	moderate		
APPEARANCE AND ODOR	Clear, colorless liquid with pleasant, aromatic odor.		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) Non-flammable	FLAMMABLE LIMITS in oxygen only	15.5	66 (Ref. a)
EXTINGUISHING MEDIA	Its presence in a fire does not hinder the use of any standard medium.		
SPECIAL FIRE FIGHTING PROCEDURES	Wear self-contained breathing apparatus approved by NIOSH. Keep containers cool with water spray.		
UNUSUAL FIRE AND EXPLOSION HAZARDS	Toxic decomposition products--see Section VI.		

**SECTION V - HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE

Proposed: 200 ppm or 720 mg/m<sup>3</sup> (1975)

EFFECTS OF OVEREXPOSURE

see p 3.

EMERGENCY AND FIRST AID PROCEDURES

see p 3.

**SECTION VI - REACTIVITY DATA**

STABILITY

UNSTABLE

CONDITIONS TO AVOID

Autoignition temperature 1180-1220° F.

STABLE

X

INCOMPATIBILITY (Materials to avoid)

Aluminum, potassium, sodium

HAZARDOUS DECOMPOSITION PRODUCTS

We have no data, but reported to give phosgene at decomposition.

HAZARDOUS POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

temperature. Ref.

WILL NOT OCCUR

X

(b), p 3.

**SECTION VII - SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Allow material to vaporize. Keep unprotected employees away.

Remove ignition sources. Close valve if pertinent and without risk.

WASTE DISPOSAL METHOD

Residue may be poured on sand, earth or ashes at a safe distance from occupied areas and allowed to evaporate into the atmosphere, with permission of authorities.

**SECTION VIII - SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION (Specify type)

Self-contained breathing apparatus; positive pressure hose masks.

VENTILATION

LOCAL EXHAUST

Drawing vapors horizontally or downward, see Ref. (a), p. 3.

SPECIAL

MECHANICAL (General)

Adequate for storage area.

OTHER

PROTECTIVE GLOVES

Impervious other than rubber.

EYE PROTECTION

Safety glasses with side shields or goggles; face shields.

OTHER PROTECTIVE EQUIPMENT

Hard hat or other hat, steel-toed leather shoes. Impervious clothing, other than rubber.

**SECTION IX - SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Ventilate trucks containing drums before entering. Store drums in a cool, dry area. Indoor tank should be vented outdoors. Venting should exclude moisture. Use only formal tank.

OTHER PRECAUTIONS

entry procedures for cleaning. Do not use hose or pipe of rubber or plastic. Personnel should have training and medical surveillance.

SECTION V - HEALTH HAZARD DATA (cont'd)

A. Effects of overexposure

1. Inhalation: Light headedness, mental confusion, nausea headache, tingling or creeping skin feeling. No human studies on concentrations which produce cardiac arrhythmia are available. However, it was produced at 5.0% in the monkey and at 40% in the mouse, each exposed for 5 minutes. Reference (c).
2. Eye
  - a. Eye/liquid: painful irritancy, not likely to cause serious injury.
  - b. Eye/vapor: irritant.
3. Skin: Liquid or vapor can irritate, especially if with prolonged contact.

B. Emergency and First Aid Procedures

1. Inhalation: Remove to fresh air, if unconscious, use artificial respiration and call a physician. Use oxygen only if qualified operator is available. Keep warm and comfortable. Do not give adrenalin (epinephrine).
2. Eye: Wash with water for 15 minutes.
3. Skin: Wash with soap and water.

References:

- (a) Manufacturing Chemists Association, Inc., Chemical Safety Data Sheet SD-86, "Methylene Chloride," 1962, now obsolete in parts.
- (b) Sax, N. Irving, Dangerous Properties of Industrial Materials, 3rd ed., 1968, Reinhold, NY
- (c) Aviado, D. G., Toxicology 3, 321-332 (1975).

### SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE 10 ppm (skin)

EFFECTS OF OVEREXPOSURE  
Harmful if inhaled or absorbed through skin. Skin, eye irritation. Nausea, burning on inhalation.

EMERGENCY AND FIRST AID PROCEDURES  
If inhaled, remove person to fresh air. If not breathing give artificial respiration. For difficult breathing give oxygen. Call a physician. Flush skin or eyes with plenty of water while removing contaminated clothing and shoes.

### SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATIBILITY (Materials to avoid)  
Highly halogenated compounds, inorganic nitrates, triethyl aluminum, chromic anhydride

HAZARDOUS DECOMPOSITION PRODUCTS  
Dimethyl amine, carbon monoxide

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

### SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED  
Avoid breathing vapors. Avoid contact with eyes, skin, and clothing

Wash with water or return to container. Can also use combustion or biochemical oxidation.

### SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)  
None for normal use

VENTILATION	LOCAL EXHAUST Direct or general ventilation	SPECIAL N. A.
	MECHANICAL (General) Unknown	OTHER N. A.

PROTECTIVE GLOVES: Use material resistant to DMF  
EYE PROTECTION: Safety glasses or face shield

OTHER PROTECTIVE EQUIPMENT  
Aprons and boots

### SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE  
Polymeric materials used in storage and handling should be selected with care because of the strong solvent action of DMF.

OTHER PRECAUTIONS  
Wash thoroughly after handling. Wash clothing before re-use. Discard contaminated shoes. Keep container closed. Use with adequate ventilation.

A-79851

For more information refer to:

4/72

Du Pont DMF Product Information Bulletin A-65510

Du Pont DMF Recovery and Purification Bulletin A-73752

Du Pont DMF Data Sheet A-72713

National Fire Protection Association, Manual Nos. 325M, 491M



*NOTE:  
Rita Ford & Allen Antley of the U.S.E.P.  
accompanied Steve  
on this inspection.*

STATE OF NORTH CAROLINA

DEPARTMENT OF HUMAN RESOURCES

XXXXXXXXXXXX  
XXXXXX

Division of Health Services

JAMES B. HUNT, JR.  
GOVERNOR

SARAH T. MORROW, M.D., M.P.H.  
SECRETARY

NORTH CENTRAL REGIONAL OFFICE  
720 Coliseum Drive, Plaza West  
Winston-Salem, N. C. 27106  
Telephone (919) 761-2390

Ronald H. Levine, M.D., M.P.H.  
Acting Director

July 7, 1981

MEMORANDUM

TO: O. W. Strickland, Head  
Solid and Hazardous Waste Management Branch

FROM: Steve Phibbs  
District Sanitarian

SUBJECT: Notice of Violation

The following violations of interim status standards for North State Chemical Company, Pleasant Garden, North Carolina were identified during an inspection on May 13, 1981.

1-265.13 General Waste Analysis Plan. North State Chemical does not have a waste analysis plan as required by law.

2-265.14 Adequate security. This facility does not have a 24-hour surveillance system or an artificial or natural barrier to keep unauthorized personnel off the property.

3-265.15(D) Inspection log. Although routine inspections are being made at this facility, a log book is not being maintained.

4-265.52 Contingency Plan and Emergency Procedures. No contingency plan has been developed for North State Chemical Company.

5-265.111 Closure Plan. North State Chemical Company does not have a closure plan to date.

Due to the fact that the case concerning North State Chemical Company has become a legal matter, no time was negotiated for a compliance schedule.

SP/la

Telebroker

800 272-4922

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION IV - ATLANTA, GEORGIA

DATE: MAY 05 1981

SUBJECT: RCRA Compliance Inspections in North Carolina

FROM: Water Compliance Unit Leader  
NC/KY Section, Compliance Branch

TO: T. Michael Taimi, Chief  
Permits Branch

SUMMARY:

On May 12, 13, & 14, 1981, I am going to conduct a case development study at the North State Chemical Corporation facility near Greensboro, NC. I will also be conducting Interim Status Standards (ISS) inspections at two or three other facilities in an overview capacity with State personnel.

By this memo, I am requesting that you send Mr. Terry Smoak to accompany me at least on the case development study and on the ISS inspections if you will approve. I make this request based on my past experiences conducting facility inspections with Mr. Smoak and his knowledge of the North State Chemical situation. I feel Mr. Smoak's knowledge and expertise would be an asset to me during the inspection. Further, if this facility is required to obtain a storage permit on short order, Mr. Smoak's site visit would be productive for this purpose.

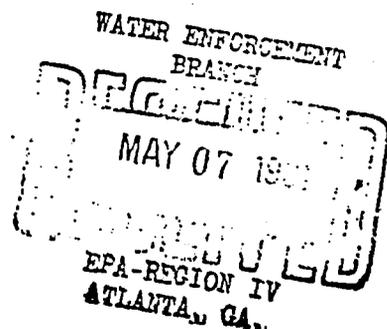
ACTION:

As requested.

BACKGROUND:

North State is involved in a suit against the State and Agency for denying interim status. This is a new source facility because the site of operation was changed after 11/19/80, thus, no interim status exists. The State of North Carolina has requested our assistance.

*Allan Antley /by LSO*  
Allan Antley



DEPARTMENT OF HUMAN RESOURCES  
DIVISION OF HEALTH SERVICES  
ENVIRONMENTAL HEALTH SECTION

REPORT OF INVESTIGATION OR INSPECTION OF North State Chemical Plant Site

Place visited Pleasant Garden Rd., Pleasant Garden, NC Date March 9 1981  
Address Same Time spent 2 hours  
By whom Stephen Phibbs, William Paige  
Persons contacted Clyde Marr, owner, North State Chemical  
(Owner, agent, tenant, manager, other)  
Reason for visit Investigation of company records and proposed plant facility

Copies to:

Bill Meyer  
O. W. Strickland  
Clyde Marr

**REPORT:**

On March 6, 1981 and March 9, 1981 investigations were conducted at the proposed North State Chemical Plant site in Pleasant Garden, N. C. The visit was in response to the relocation of this facility from the original location on Spring Garden Road in Greensboro, N. C. During a meeting on December 15, 1980, company owner, Clyde Marr, was advised that interim status issued by the E.P.A. under RCRA could not be transferred from one facility site to another facility site.

We learned on March 4, 1981 that North State Chemicals was in the process of moving to the new facility in Pleasant Garden. The March 6, 1981 meeting indicated that Mr. Marr was in fact moving the North State Chemical facilities to a new location.

The March 9, 1981 meeting was arranged to check the previous records accumulated by the company. The records indicated that Para-Chem Company of Simpsonville, S. C. had manifested 65 55-gallon drums of "mixed solvents" on January 21, 1981 to North State Chemicals, Inc. This was the only reported manifested material received since November 19, 1980. Mr. Marr stated that he received the majority of the wastes from Para-Chem and Western Electric in Richmond, Virginia. North State had recently manifested 2000 gallons of flammable liquids to Oldober Company in Cascade, Va.

Mr. Marr was advised that his previous facility location had not been given interim status due to failure to complete the Part A application (property owner would not sign application). Mr. Marr was also advised that the initial application should have included his company not only as a TSD facility but also as a generator. North State reprocesses listed hazardous wastes-F001, F002, F003 and F006 materials.

We observed between 200-300 55-gallon barrels that have been transferred to the Pleasant Garden location. Some of the barrels had been leaking and many more barrels were in deteriorating condition.

We advised Mr. Marr that we would get back in touch with him. He advised us that he has resubmitted North State Chemicals application for the new site in Pleasant Garden.

# NORTH STATE CHEMICALS, INC.

P. O. BOX 1633  
GREENSBORO, N. C. 27402  
Telephone (919) 855-6046

EPA Region IV  
RCRA Activities  
345 Courtland, NE  
Atlanta, GA 30308

19 Nov 1980

Dear Sirs:

Due to a misunderstanding of what needed to be done there was insufficient time to get the signature of an authorized representative of the owner of the property on which the facility is located.

A copy of Form 3 has been forwarded to the owner for signature and subsequent forwarding to the above address.

Sincerely



Clyde M. Marr, Pres.

# Southern Railway System

Law Department  
P.O. Box 1808  
Washington, D.C. 20013  
(202) 383-4000

November 21, 1980 se My Direct Line Is: 383-4428  
60830

EPA Region IV  
RCRA Activities  
345 Courtland, NE  
Atlanta, GA 30308

Re: North State Chemicals, Inc.

*NCT 380 OH 049*

Dear Sirs:

This refers to Mr. Clyde M. Marr's letter of November 19 to your agency wherein he states that he has forwarded a copy of Form 3 to the owner of the property upon which North State Chemicals, Inc., is conducting certain storage and treatment hazardous waste activities.

Please be advised that Southern Railway Company is the owner of this property, not Southern Railway System. Southern Railway System is not a legal entity but only a trade name for a system of railroads affiliated with Southern Railway Company (referred to hereinafter as "Southern").

Also please be advised that North State Chemicals, Inc., is formerly a lessee of Southern's property, that this lease was terminated by Southern and has expired, and that Southern is in the process of taking legal action to eliminate North State Chemicals, Inc.'s, presence on the property through eviction. Thus Southern does not consent to the RCRA permit application by North State Chemicals, Inc., and refuses to sign the Form 3 as requested by Mr. Marr. Incidentally, Form 1 was not even sent to us for review.

I am returning Form 3 to Mr. Marr.

Sincerely,

*A. Gayle Jordan*

A. Gayle Jordan  
Attorney for Southern Railway Company

cc: Mr. Clyde M. Marr, President  
North State Chemicals, Inc.

4E-LB

O.W. Strickland  
Head, Solid & Hazardous Waste Management Branch  
Division of Health Services  
Department of Human Resources  
Post Office Box 2091  
Raleigh, North Carolina 27602

Re: North State Chemicals, Inc.

Dear Mr. Strickland:

On March 31, 1981, you requested a determination of the status of the above referenced facility under the provisions and regulations of the Resource Conservation and Recovery Act of 1976, as amended (RCRA), 42 U.S.C. §6901 et seq. This letter is to inform you that North State Chemicals, Inc., does not have Interim Status, and may not operate a hazardous waste management facility at this time.

#### BACKGROUND

Subtitle C of RCRA, 42 U.S.C. §6921-6933, requires EPA to establish a comprehensive federal regulatory program to assure proper management of hazardous waste. Under this program, facilities which treat, store or dispose of hazardous waste are required to obtain a permit from EPA, or a state authorized by EPA to conduct a hazardous waste management program. In addition, after the effective date of EPA's regulations identifying hazardous wastes (November 19, 1980), such wastes may only be designated for, delivered to and treated, stored or disposed of in permitted facilities. (RCRA §3002, 3003, 3004 and 3005, 42 U.S.C. §§6922-6925)

Recognizing that EPA and authorized states would not be able to issue permits to all hazardous waste management facilities before the Subtitle C Program became effective, Congress provided in Section 3005(e) of RCRA (42 U.S.C. §6925), that certain facilities would be treated as having been issued a permit until such time as final administrative action was taken on their permit application. This statutory permit, commonly referred to as "Interim Status" is conditioned on a facility's meeting the following three requirements:

1. The facility must have been in existence on November 19, 1980.
2. The facility must have complied with the requirements of Section 3010(a) of RCRA (42 U.S.C. §6930) relating to the notification of hazardous waste activity.
3. The facility must have filed an application for a permit under Section 3005 of RCRA (42 U.S.C. §6925).

On May 19, 1980, EPA published regulations defining when a hazardous waste management facility may qualify for Interim Status. (See 40 C.F.R. §122.22(a) and 122.23(a), 45 F.R. 33433-33434, May 19, 1980.) Those regulations provide that Interim Status may only be obtained by an existing facility (defined in §122.3) which has notified the Administrator within ninety (90) days from the promulgation or revision of Part 261 as required by Section 3010 of RCRA (§122.23(a)(1)) and submitted an application by November 19, 1980 (§122.22(a)). General permit requirements relevant to applications for Interim Status and final permits are set out in Sections 122.1 through 122.19 of the May 19 Federal Register Notice. (See 45 F.R. 33418 thru 33432, May 19, 1980.)

#### DETERMINATION OF STATUS OF NORTH STATE CHEMICALS, INC.

North State Chemical does not have Interim Status because it is not an existing hazardous waste management facility, as defined at 40 C.F.R. 122.3 (see 45 F.R. 33421, May 19, 1980), and because it did not submit a timely notification of hazardous waste activity form (RCRA §3010(a), 42 U.S.C. §6930, 40 C.F.R. §122.23(a)(1)) or a timely Part A permit application (RCRA §3005(e) 42 U.S.C. §6925, 40 C.F.R. §122.22(a)).

On November 19, 1980, EPA, Region IV, received a notification of hazardous waste activity and a Part A permit application from North State Chemicals, Inc., for a facility located at 3301 Spring Garden Street, Greensboro, North Carolina and owned by Southern Railway Company. The Part A application was not signed by the owner of the property as required by Section 122.4 of the RCRA regulations. (40 C.F.R. 122.4, 45 F.R. 33424, May 19, 1980.) The notification and application were returned to North State Chemicals who subsequently resubmitted the forms changing the facility location and owner. In late November, 1980, EPA received a letter from Southern Railway Company stating its refusal to sign or consent to the North State Chemical permit application. (This letter is attached for your information.)

North State Chemicals attempted to comply with the provisions and regulations of RCRA by resubmitting its application and notification for the facility owned by Southern Railway Company and substituting a new facility owned by Piedmont Cedar Products, Inc., and located at Hunt Club Road, Pleasant Garden, North Carolina. Such a substitution is neither permitted by EPA nor authorized by RCRA or its regulations. Interim Status is site specific. While a person or company may have several facilities for which Interim Status is desired, that person or company must submit a separate notification and application for each such facility. In addition, each facility must comply with all applicable RCRA provisions and regulations.

North State Chemicals has not complied with the requirements of RCRA for either the facility located in Greensboro, North Carolina or the facility located in Pleasant Garden, North Carolina. The owner of the facility located in Greensboro refuses to consent to the North State Chemical application for a hazardous waste management facility. The Pleasant Garden facility was not "in existence" on or before November 19, 1980. In addition, a timely notification and Part A permit application have not been received by EPA for that facility. Based on the above stated facts, North State Chemicals is not eligible for, and does not have Interim Status pursuant to the Resource Conservation and Recovery Act of 1976, as amended.

Should you require additional information, or have questions regarding this matter, please contact V. Anne Edwards of my legal staff. Ms. Edwards' telephone number is 404/881-2641.

Sincerely yours,

Howard D. Zeller  
Acting Director  
Enforcement Division

Enclosure

4E-LB

Edwards

VAE 4/1

VAEdwards/dsf/4-1-81/2641 WANG 1118B

4E-LB

Turnipseed

5/11

4E-LB

Newton

5/11

FCRM <b>1</b> GENERAL		ENVIRONMENTAL PROTECTION AGENCY <b>GENERAL INFORMATION</b> Consolidated Permits Program (Read the "General Instructions" before starting.)	I. EPA I.D. NUMBER FNC 03800110493D
LABEL ITEMS I. EPA I.D. NUMBER III. FACILITY NAME V. FACILITY MAILING ADDRESS VI. FACILITY LOCATION	001761 RECEIVED PLEASE PLACE LABEL IN THIS SPACE NOV 19 11 10 AM '80 ENFORCEMENT		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	NO	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	
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	
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)	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	
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	
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
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
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
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
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	
1	SKIP NORTH STATE CHEMICALS INC.

IV. FACILITY CONTACT	
A. NAME & TITLE (last, first, & title)	B. PHONE (area code & no.)
2 Clyde H. Harr, Pres.	919 853 6046

V. FACILITY MAILING ADDRESS			
A. STREET OR P.O. BOX			
3 Box 1633			
B. CITY OR TOWN		C. STATE	D. ZIP CODE
4 Greensboro		NC	27402

VI. FACILITY LOCATION					
A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER					
5 Hunt Club Rd					
B. COUNTY NAME					
Guilford					
C. CITY OR TOWN			D. STATE	E. ZIP CODE	F. COUNTY CODE (if known)
6 Pleasant Garden			NC	27213	

VI SIC CODES (4-digit, in order of priority)

A. FIRST				B. SECOND			
7	28	69	(specify) Ind. Org. Chem NEC	7	28	99	(specify) Chem. & Chem Preparations, NEC
C. THIRD				D. FOURTH			
7			(specify)	7			(specify)

VIII. OPERATOR INFORMATION

A. NAME												B. Is the name listed in Item VIII-A also the owner?	
North State Chemicals, Inc.												<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other", specify.)										D. PHONE (area code & no.)						
F - FEDERAL	M - PUBLIC (other than federal or state)	P (specify)								C	919			555	6046	
S - STATE	D - OTHER (specify)									A						
P - PRIVATE																

E. STREET OR P.O. BOX											
Box 1633											

F. CITY OR TOWN						G. STATE		H. ZIP CODE		IX. INDIAN LAND	
Greensboro						NC		27402		Is the facility located on Indian lands? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)						D. PSD (Air Emissions from Proposed Sources)					
E	T	I				E	T	I			
9	N					9	P				
B. UIC (Underground Injection of Fluids)						E. OTHER (specify)					
E	T	I				E	T	I			
9	U					9			(specify)		
C. RCRA (Hazardous Wastes)						E. OTHER (specify)					
E	T	I				E	T	I			
9	R					9			(specify)		

XI. 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.

XII. NATURE OF BUSINESS (provide a brief description)

Industrial chemical processing including reclamation of waste or by-product chemicals and the treatment of waste or by-product chemicals prior to disposal. We also do research and development in the same areas of work.

XIII. 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			
Clyde M. Marr, Pres.				<i>Clyde M. Marr</i>				11/19/80			

COMMENTS FOR OFFICIAL USE ONLY

C											
---	--	--	--	--	--	--	--	--	--	--	--

<b>FORM</b> <b>3</b>		<b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> <b>HAZARDOUS WASTE PERMIT APPLICATION</b> <i>Consolidated Permits Program</i> <i>(This information is required under Section 3005 of RCRA.)</i>	<b>I. EPA I.D. NUMBER</b> F N C T 3 8 0 0 1 1 0 4 9 3 1
<b>RCRA</b>			T/A C 12 14 15

FOR OFFICIAL USE ONLY		COMMENTS
APPLICATION APPROVED	DATE RECEIVED (yr., mo., & day)	
23	24	

**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.

<b>A. FIRST APPLICATION</b> (place an "X" below and provide the appropriate date)		<input type="checkbox"/> <b>2. NEW FACILITY</b> (Complete item below.)												
<input checked="" type="checkbox"/> <b>1. EXISTING FACILITY</b> (See instructions for definition of "existing" facility. Complete item below.)	<input type="checkbox"/> <b>2. NEW FACILITY</b> (Complete item below.)	<b>FOR NEW FACILITIES, PROVIDE THE DATE (yr., mo., &amp; day) OPERATION BEGAN OR IS EXPECTED TO BEGIN</b>												
FOR EXISTING FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED (use the boxes to the left)	FOR NEW FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR IS EXPECTED TO BEGIN													
<table border="1" style="font-size: x-small;"> <tr><th>YR.</th><th>MO.</th><th>DAY</th></tr> <tr><td>78</td><td>05</td><td>01</td></tr> </table>	YR.	MO.	DAY	78	05	01	<table border="1" style="font-size: x-small;"> <tr><th>YR.</th><th>MO.</th><th>DAY</th></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	YR.	MO.	DAY				
YR.	MO.	DAY												
78	05	01												
YR.	MO.	DAY												
<b>B. REVISED APPLICATION</b> (place an "X" below and complete Item I above)														
<input type="checkbox"/> <b>1. FACILITY HAS INTERIM STATUS</b>	<input type="checkbox"/> <b>2. FACILITY HAS A RCRA PERMIT</b>													

**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	PRO-CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	PROCESS	PRO-CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
<b>Storage:</b>			<b>Treatment:</b>		
CONTAINER (barrel, drum, etc.)	S01	GALLONS OR LITERS	TANK	T01	GALLONS PER DAY OR LITERS PER DAY
TANK	S02	GALLONS OR LITERS	SURFACE IMPOUNDMENT	T02	GALLONS PER DAY OR LITERS PER DAY
WASTE PILE	S03	CUBIC YARDS OR CUBIC METERS	INCINERATOR	T03	TONS PER HOUR OR METRIC TONS PER HOUR; GALLONS PER HOUR OR LITERS PER HOUR
SURFACE IMPOUNDMENT	S04	GALLONS OR LITERS	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
<b>Disposal:</b>					
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			
<b>UNIT OF MEASURE</b>	<b>UNIT OF MEASURE CODE</b>	<b>UNIT OF MEASURE</b>	<b>UNIT OF MEASURE CODE</b>	<b>UNIT OF MEASURE</b>	<b>UNIT OF MEASURE CODE</b>
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	G
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	T/A	C	I	15
1	2	3	4	5	6
16	17	18	19	20	21
22	23	24	25	26	27
28	29	30	31	32	33
34	35	36	37	38	39
40	41	42	43	44	45

continued from the front.

**PROCESSES (continued)**

SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES (code "T") FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

T04 Distillation 2000 GPD  
 T04 Electrodeposition 100 GPD  
 T04 Evaporation 3 TONS/DAY

**IV. DESCRIPTION OF HAZARDOUS WASTES**

**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 possess 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 the 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:

- 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.
- 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 enter "included with above" and make no other entries on that line.
- 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 pounds 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 wastes 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 estimated 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)				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

NOTE: Photocopy this page before completing if you have more than 26 wastes to list.

EPA I.D. NUMBER (enter from page 1)										FOR OFFICIAL USE ONLY									
WNC 35 001104931										W DUP 2 DUP									

**IV. DESCRIPTION OF HAZARDOUS WASTES (continued)**

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)						2. PROCESS DESCRIPTION (if a code is not entered in D(1))						
				27	28	29	27	28	29	27	28	29	27	28	29	
1	F001	250,000	P	S01	S02	T09										
2	F002	2,000,000	P	S01	S02	T09										
3	F006	250,000	P	S01	S02	T09										
4	D001	1,500,000	P	S01	S02	T09										
5																
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26																

continued from the front.

**DESCRIPTION OF HAZARDOUS WASTES (continued)**

USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 1

EPA I.D. NO. (enter from page 1)

M	C	T	3	8	0	0	1	1	0	4	9	3	6	
												T/A	C	
												13	14	15

**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)

3	5	5	7	0	9	0
45	46	47	48	49	50	51

-	0	7	9	-	4	5	4	1	0
72	73	74	75	76	77	78	79	80	81

**VIII. FACILITY OWNER**

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.)

PIEDMONT CEDAR PRODUCTS, INC.

9	1	9	-	2	7	4	-	4	6	1	1
93	94	95	96	97	98	99	00	01	02	03	04

3. STREET OR P.O. BOX

4. CITY OR TOWN

5. ST.

6. ZIP CODE

P.O. Box 22101

GREENSBORO

NC

2	7	4	2	0
47	48	49	50	51

**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

MARILE MILLER, AGENT

*Marile Miller, Agent*

2-21-81

**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

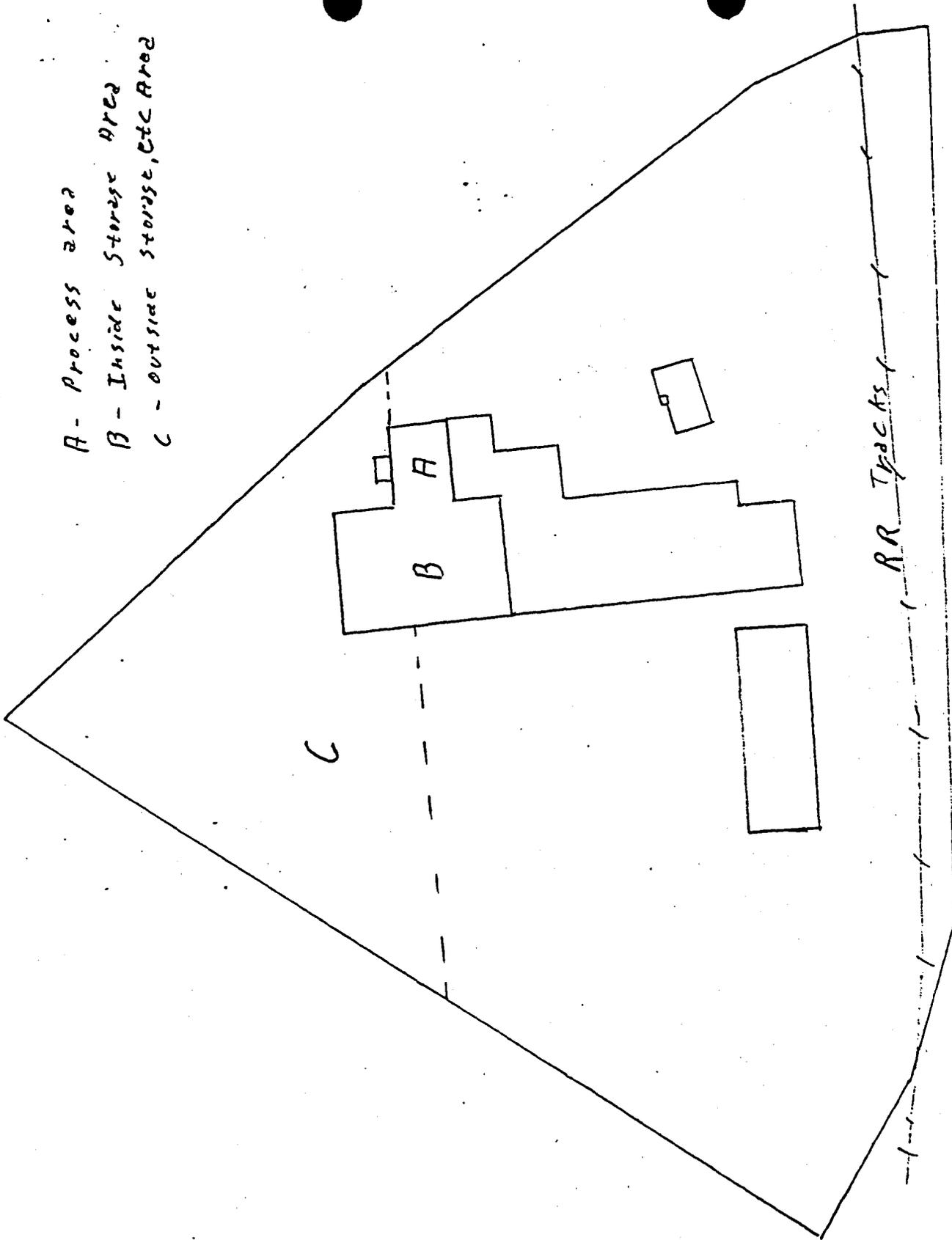
Clyde M. Marr

*Clyde M. Marr*

11/19/80

V. FACILITY DRAWING (see page 4)

- A - Process area
- B - Inside Storage Area
- C - outside storage, etc Area

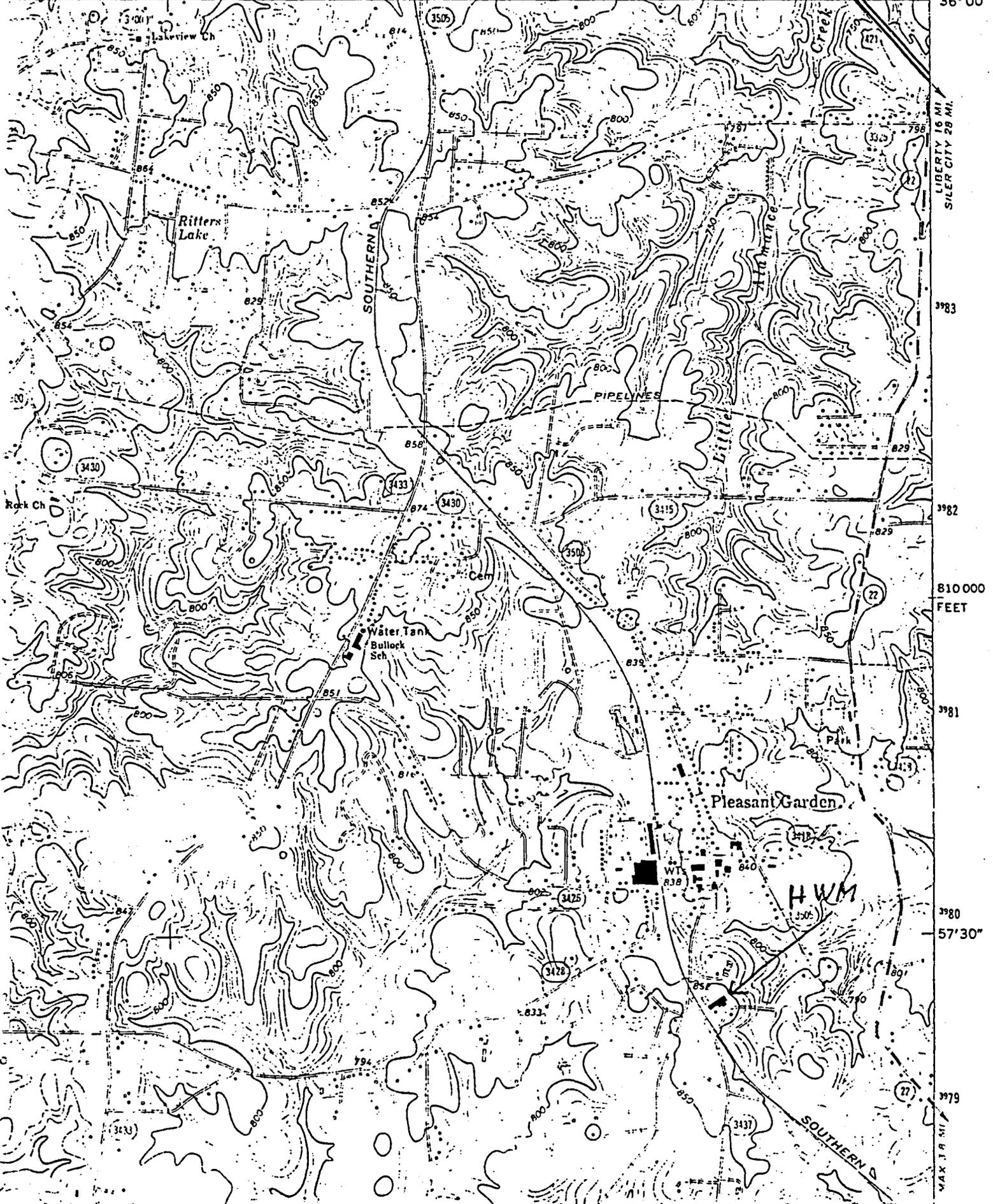


USGS  
PLEASANT GARDEN QUADRANGLE  
NORTH CAROLINA, Guilford Co.  
7.5 MINUTE SERIES (TOPOGRAPHIC)

5056 11 SW  
1MC LEANSVI

CES

5 MI 47'30" 10 1 770 000 FEET 11 GREENSBORO 4.9 MI 79° 45' 36° 00'



LIBERTY 16 MI  
SILER CITY 28 MI

3983

3982

810 000  
FEET

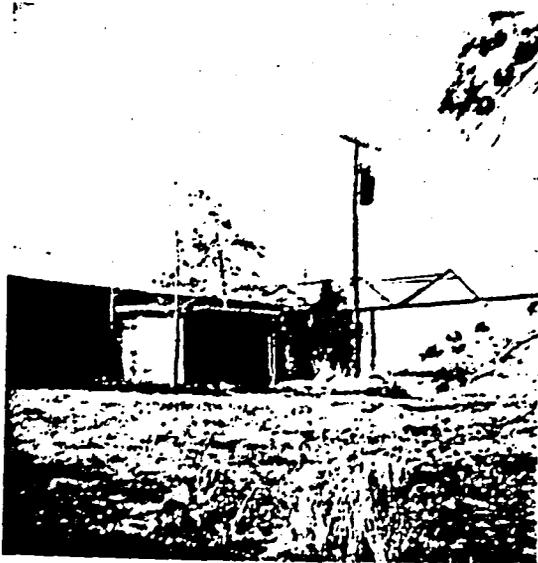
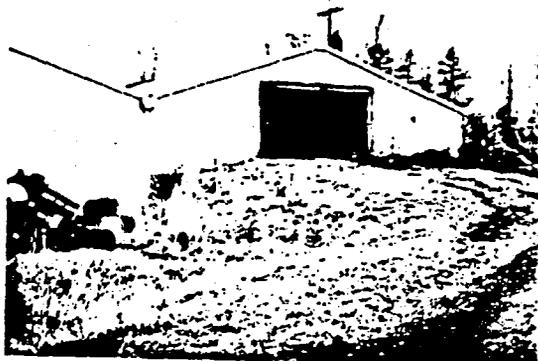
3981

3980

57'30"

3979

MAX 3.9 MI



**EPA** U.S. ENVIRONMENTAL PROTECTION AGENCY  
**GENERAL INFORMATION**  
 Consolidated Permit Program  
 (Read the "General Instructions" before starting.)

**GENERAL**

**I. EPA I.D. NUMBER**  
 001761

**II. FACILITY NAME**  
 GREENSBORO

**V. FACILITY MAILING ADDRESS**  
 PLEASE PLACE LABEL IN THIS SPACE

**VI. FACILITY LOCATION**  
 NOV 19 11 10 AM '67  
 ENFORCED

**I. EPA I.D. NUMBER**  
 FNC 0380011049

**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'			SPECIFIC QUESTIONS	MARK 'X'		
	YES	NO	FORM ATTACHED		YES	NO	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	
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			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**

1 **SKIP** NORTH STATE CHEMICALS INC.

**IV. FACILITY CONTACT**

A. NAME & TITLE (last, first, & title)  
 2 Clyde H. Harr, Pres.

B. PHONE (area code & no.)  
 919 853 6046

**V. FACILITY MAILING ADDRESS**

A. STREET OR P.O. BOX  
 3 Box 1633

B. CITY OR TOWN  
 4 Greensboro

C. STATE  
 NC

D. ZIP CODE  
 27402

**VI. FACILITY LOCATION**

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER  
 5 3301 Springs Garden St

B. COUNTY NAME  
 Guilford

C. CITY OR TOWN  
 6 Greensboro

D. STATE  
 NC

E. ZIP CODE  
 27407

F. COUNTY CODE (if known)

VII. SIC CODES (4 digit, in order of pri.)

A. FIRST				B. SECOND			
1	2	3	4	5	6	7	8
28	69			28	99		
(specify) Ind. Org. Chem. NEC				(specify) Chem. & Chem Preparations, NEC			
C. THIRD				D. FOURTH			
9	10	11	12	13	14	15	16
				7			
(specify)				(specify)			

VIII. OPERATOR INFORMATION

A. NAME						B. Is the name listed in Item VIII-A also the owner?	
North State Chemicals, Inc.						<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other", specify)				D. PHONE (area code & no.)			
F - FEDERAL	M - PUBLIC (other than federal or state)	P (specify)		A	919	555	6094
S - STATE	D - OTHER (specify)			11			
P - PRIVATE				12			

E. STREET OR P.O. BOX							
Box 1633							

F. CITY OR TOWN			G. STATE	H. ZIP CODE	IX. INDIAN LAND		
Greensboro			NC	27402	Is the facility located on Indian lands?		
					<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)				D. PSD (Air Emissions from Proposed Sources)			
E	T	I		E	T	I	
9	N	-		9	P	-	
10	11	12	13	10	11	12	13
B. UIC (Underground Injection of Fluids)				E. OTHER (specify)			
E	T	I		(specify)			
9	U	-					
10	11	12	13				
C. RCRA (Hazardous Wastes)				E. OTHER (specify)			
E	T	I		(specify)			
9	R	-					
10	11	12	13				

XI. 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.

XII. NATURE OF BUSINESS (provide a brief description)

Industrial chemical processing including reclamation of waste or by-product chemicals and the treatment of waste or by-product chemicals prior to disposal. We also do research and development in the same areas of work.

XIII. 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
Clyde M. Marr, Pres.	<i>Clyde M. Marr</i>	11/19/80

COMMENTS FOR OFFICIAL USE ONLY

C	
10	11

**PROCESSES (continued)**

SPACE FOR ADDITIONAL PROCESS CODES OR DESCRIBING OTHER PROCESSES (code "T04") FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

T04 Distillation 2000 GPD  
 T04 Electrodeposition 100 GPD  
 T04 Evaporation 3 TONS/DAY

**V. 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 possess 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 the 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:

- 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.
- 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 enter "included with above" and make no other entries on that line.
- 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 pounds 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 wastes 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 estimated 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)	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

EPA I.D. NUMBER (enter from pt. 1)										FOR OFFICIAL USE ONLY									
WNC0360011049										DUP									
										2 DUP									

IV. DESCRIPTION OF HAZARDOUS WASTES (continued)

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)				2. PROCESS DESCRIPTION (if a code is not entered in D(1))						
				27-28	29-30	31-32	33-34	35-36	37-38					
1	F001	250,000	P	501	502	709								
2	F002	2,000,000		501	502	709								
3	F006	250,000		501	502	709								
4	D001	1,500,000		501	502	709								
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24														
25														
26														

**DESCRIPTION OF HAZARDOUS WASTES (continued)**

USE THIS SPACE TO LIST ADDITIONAL ACCESS CODES FROM ITEM D(1) ON PAGE

EPA I.D. NO. (enter from page 1)

M	C	D	3	8	0	0	1	1	0	4	9	T/A	C
													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)

3	6	3	3	2
49	04	37	04	00 - 21

7	9	5	0	5	3
72	-	74	75	76	77 - 79

**VIII. FACILITY OWNER**

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.)

*Southern Railway System*

3. STREET OR P.O. BOX

4. CITY OR TOWN

5. ST.

6. ZIP CODE

**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

**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

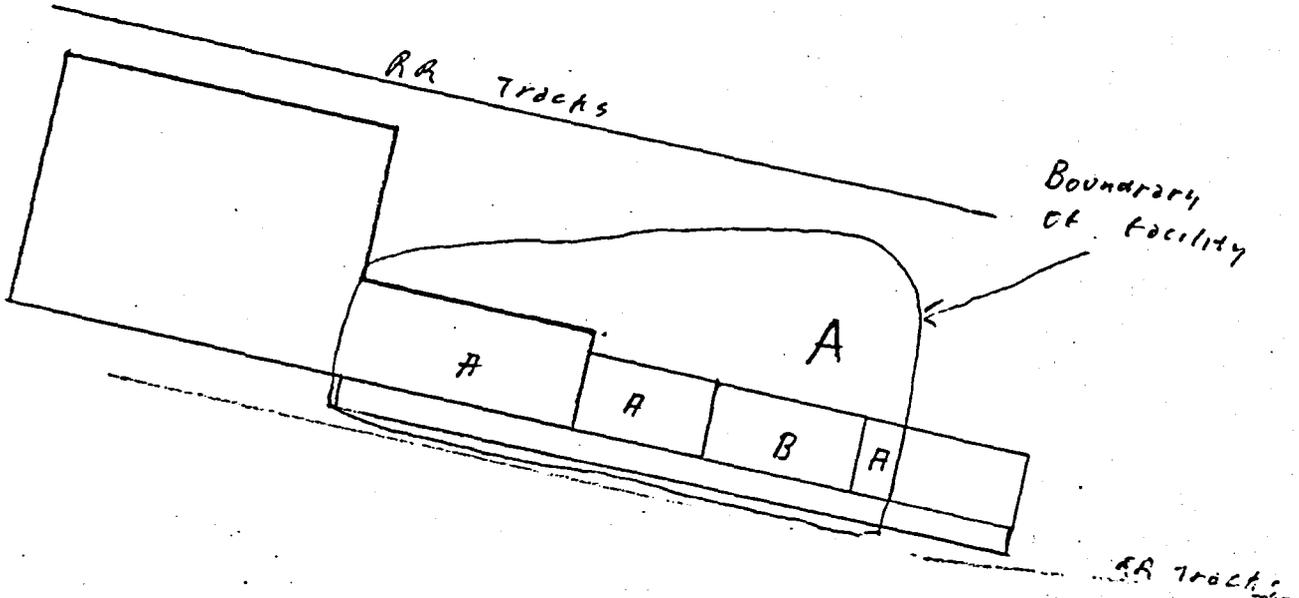
*Clyde M. Marr*

*[Signature]*

*11/19/80*

V. FACILITY DRAWING (see page 4)

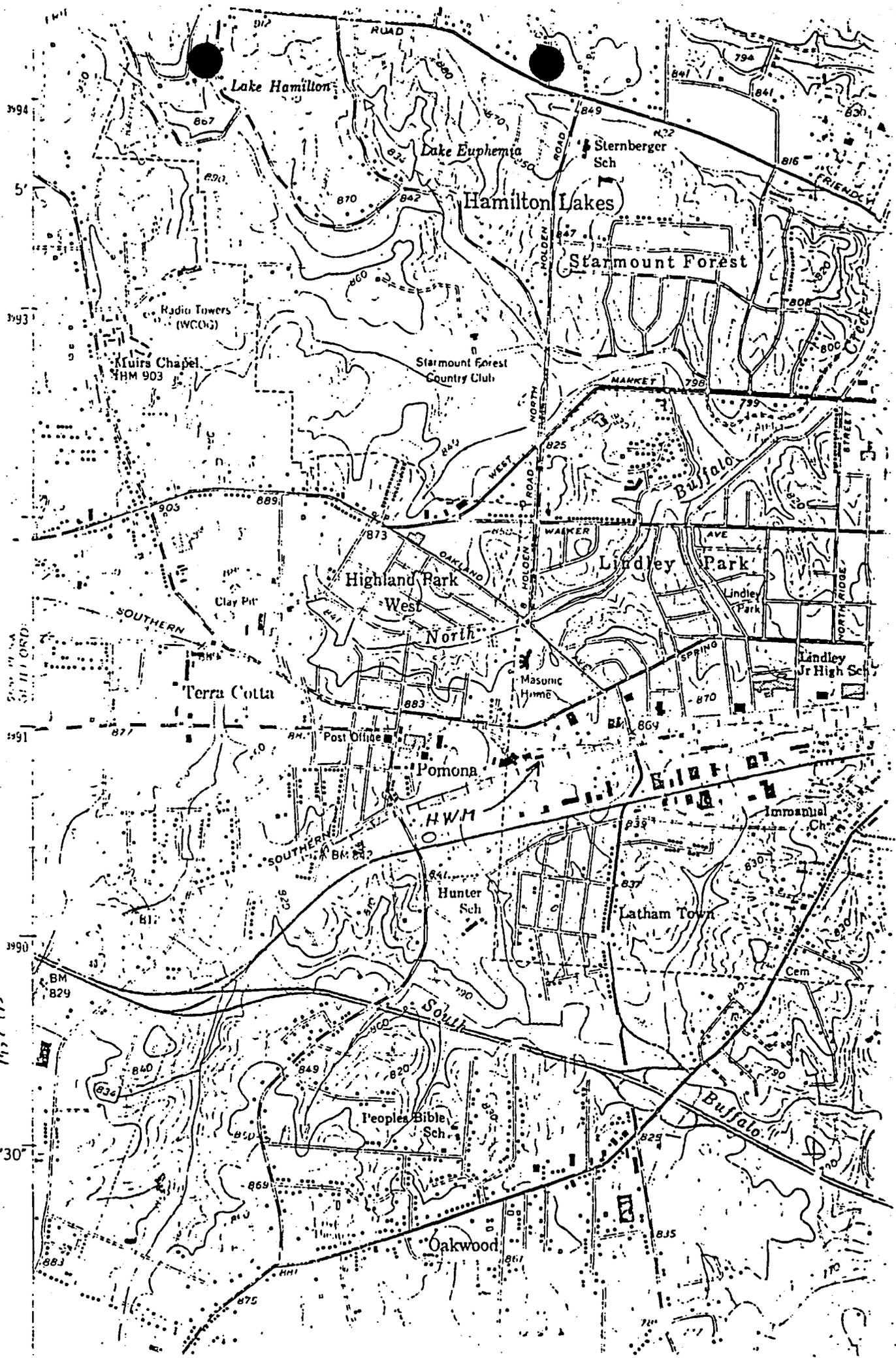
A - storage area  
B - Process area

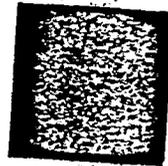
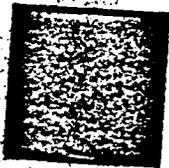
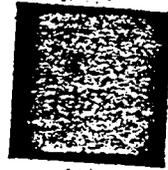


A.R. TRACKS

1" = 80'

USGS  
Drenthelooq mountains  
North Carolina - Guilford Co  
7.5 Minute Series (topographic)  
1951 (Photorevised 1965)





**EPA** U.S. ENVIRONMENTAL PROTECTION AGENCY  
**NOTIFICATION OF HAZARDOUS WASTE ACTIVITY**

I. NAME OF INSTALLATION: **North State Chemicals Inc.**

II. INSTALLATION MAILING ADDRESS: **North State Chemicals Inc.  
 Rt. 1133  
 Greensboro, NC 27402**

III. LOCATION OF INSTALLATION: **3300 Springs Garden St**

PLEASE PLACE LABEL IN THIS SPACE

**INSTRUCTIONS:** If you received a preprinted label, affix it in the space at left. If any of the information on the label is incorrect, draw a line through it and supply the correct information in the appropriate section below. If the label is complete and correct, leave Items I, II, and III below blank. If you did not receive a preprinted label, complete all items. "Installation" means a single site where hazardous waste is generated, treated, stored and/or disposed of, or a transporter's principal place of business. Please refer to the INSTRUCTIONS FOR FILING NOTIFICATION before completing this form. The information requested herein is required by law (Section 3010 of the Resource Conservation and Recovery Act).

**FOR OFFICIAL USE ONLY**

COMMENTS										DIVISION									

INSTALLATION'S EPA I.D. NUMBER: **NC 7380017049** APPROVED: **21** DATE RECEIVED (yr., mo., & day): **801028**

I. NAME OF INSTALLATION: **North State Chemicals Inc.**

II. INSTALLATION MAILING ADDRESS

STREET OR P.O. BOX: **Box 1133**

CITY OR TOWN: **Greensboro** ST.: **NC** ZIP CODE: **27402**

III. LOCATION OF INSTALLATION

STREET OR ROUTE NUMBER: **3300 Springs Garden St**

CITY OR TOWN: **Greensboro** ST.: **NC** ZIP CODE: **27402**

IV. INSTALLATION CONTACT

NAME AND TITLE (last, first, & job title): **CLYDE H. HARR PRES** PHONE NO. (area code & no.): **919 555 646**

V. OWNERSHIP

A. NAME OF INSTALLATION'S LEGAL OWNER: **North State Chemicals Inc.**

B. TYPE OF OWNERSHIP (enter the appropriate letter into box): **M**

VI. TYPE OF HAZARDOUS WASTE ACTIVITY (enter "X" in the appropriate box(es))

A. GENERATION  B. TRANSPORTATION (complete item VII)  
 C. TREAT/STORE/DISPOSE  D. UNDERGROUND INJECTION

VII. MODE OF TRANSPORTATION (transporters only - enter "X" in the appropriate box(es))

A. AIR  B. RAIL  C. HIGHWAY  D. WATER  E. OTHER (specify):

VIII. 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 I.D. Number in the space provided below.

A. FIRST NOTIFICATION  B. SUBSEQUENT NOTIFICATION (complete item C)

C. INSTALLATION'S EPA I.D. NO.:

IX. DESCRIPTION OF HAZARDOUS WASTES

Please go to the reverse of this form and provide the requested information.

**IX. DESCRIPTION OF HAZARDOUS WASTES (continued from front)**

**A. HAZARDOUS WASTES FROM NON-SPECIFIC SOURCES.** Enter the four-digit number from 40 CFR Part 261.31 for each listed hazardous waste from non-specific sources your installation handles. Use additional sheets if necessary.

1 FO01	2 FO02	3 FO03	4 FO04	5	6
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 industrial 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 U210	32 U226	33 U228	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 listed hazardous waste from hospitals, veterinary hospitals, medical and research laboratories your installation handles. Use additional sheets if necessary.

49	50	51	52	53	54
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**E. CHARACTERISTICS OF NON-LISTED HAZARDOUS WASTES.** Mark "X" in the boxes corresponding to the characteristics of non-listed hazardous wastes your installation handles. (See 40 CFR Parts 261.21 - 261.24.)

1. IGNITABLE (D001)

2. CORROSIVE (D002)

3. REACTIVE (D003)

4. TOXIC (D004)

**X. 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.*

<b>SIGNATURE</b> Clyde G. [Signature]	<b>NAME &amp; OFFICIAL TITLE (type or print)</b> President	<b>DATE SIGNED</b> 25 OCT 80
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DETACH

DETACH