

654SERBSF10,637

654SERBSF10,637

Site Name (Subject): UNIVERSITY OF NORTH CAROLINA

Site ID (Document ID): NCD003203213

Document Name (DocType): Correspondence (C)

Report Segment:
Description: General Correspondence, 1982 - 1995

Date of Document: 9/19/1995

Date Received:

Box: *Enter SF and # with no spaces* SF10,637

Access Level: PUBLIC

Division: WASTE MANAGEMENT

Section: SUPERFUND

Program (Document Group): SERB (SERB)

Document Category: FACILITY

**Print Report for
Record**

**Go to New
Blank Record**

**Go to New Record -
(default to last
record values)**

Delete Record

UNIVERSITY OF NC @CHAPEL HILL

NCD 003 203 213

Folders

1. General Correspondence file, 1982—1995

Bound Reports

1. **FIT Report—Final Environmental Priorities Initiative Preliminary Assessment: June 1989**



U.S. Environmental Protection Agency Superfund Information Systems

[Recent Additions](#) | [Contact Us](#) | [Print Version](#) Search:

[EPA Home](#) > [Programs](#) > [Superfund](#) > [Sites](#) > [Superfund Information Systems](#) > [Search Archived Sites](#) > [Search Results](#) > UNIVERSITY OF NC @ CHAPEL HILL

- [CERCLIS Database](#)
- [Archived Sites](#)
- [Record of Decision System \(RODS\)](#)
- [Five-Year Reviews Online](#)
- [Site Assessment Documentation Pilot](#)
- [Site Spill Identifier List \(SPIL\)](#)
- [Data Element Dictionary \(DED\)](#)
- [Order Superfund Products](#)
- [Customer Satisfaction Survey](#)

Archived Sites

UNIVERSITY OF NC @ CHAPEL HILL

Site Information

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

Site Name: UNIVERSITY OF NC @ CHAPEL HILL
Street: CHYDARU
City / State / ZIP: CHAPEL HILL, NC 27514

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

EPA ID: NCD003203213
EPA Region: 04
County: ORANGE

Federal Facility Flag: Not a Federal Facility

[Return to Search Results](#)

[Return to Search Archived Sites](#)

[OSWER Home](#) | [Superfund Home](#)

[EPA Home](#) | [Privacy and Security Notice](#) | [Contact Us](#)

URL: <http://cfpub.epa.gov/supercpad/arcsites/csinfo.cfm>
This page design was last updated on Monday, June 27, 2005
Content is dynamically generated by ColdFusion



U.S. Environmental Protection Agency Superfund Information Systems

[Recent Additions](#) | [Contact Us](#) | [Print Version](#) Search:

[EPA Home](#) > [Programs](#) > [Superfund](#) > [Sites](#) > [Superfund Information Systems](#) > [Search Archived Sites](#) > [Search Results](#) > UNIVERSITY OF NC @ CHAPEL HILL

- CERCLIS Database
- Archived Sites
- Record of Decision System (RODS)
- Five-Year Reviews Online
- Site Assessment Documentation Pilot
- Site Spill Identifier List (SPIL)
- Data Element Dictionary (DED)
- Order Superfund Products
- Customer Satisfaction Survey

Archived Sites

UNIVERSITY OF NC @ CHAPEL HILL

Aliases

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

[Alias Name](#) / [Street](#) / [City](#) / [State](#) / [ZIP](#)

UNIVERSITY OF NORTH CAROLINA CHAPEL HILL
ORANGE, NC

[Return to Search Results](#)

[Return to Search Archived Sites](#)

[OSWER Home](#) | [Superfund Home](#)

[EPA Home](#) | [Privacy and Security Notice](#) | [Contact Us](#)

URL: <http://cfpub.epa.gov/supercpad/arcsites/calinfo.cfm>
This page design was last updated on Monday, June 27, 2005
Content is dynamically generated by ColdFusion



U.S. Environmental Protection Agency

Superfund Information Systems

[Recent Additions](#) | [Contact Us](#) | [Print Version](#) Search:

[EPA Home](#) > [Programs](#) > [Superfund](#) > [Sites](#) > [Superfund Information Systems](#) > [Search](#)
[Archived Sites](#) > [Search Results](#) > UNIVERSITY OF NC @ CHAPEL HILL

- CERCLIS Database
- Archived Sites
- Record of Decision System (RODS)
- Five-Year Reviews Online
- Site Assessment Documentation Pilot
- Site Spill Identifier List (SPIL)
- Data Element Dictionary (DED)
- Order Superfund Products
- Customer Satisfaction Survey

Archived Sites

UNIVERSITY OF NC @ CHAPEL HILL

Contacts

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

	Title	Name	Phone Number
	Remedial Project Manager (RPM)	GIEZELLE BENNETT	(404) 562-8824
	Remedial Project Manager (RPM)	JON BORNHOLM	(404) 562-8820
	Remedial Project Manager (RPM)	Luis Flores	(404) 562-8807
	Remedial Project Manager (RPM)	BEVERLY HUDSON	(404) 562-8816
	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

[Return to Search Results](#)

[Return to Search Archived Sites](#)

[OSWER Home](#) | [Superfund Home](#)

[EPA Home](#) | [Privacy and Security Notice](#) | [Contact Us](#)

URL: <http://cfpub.epa.gov/superfund/arcsites/ccontact.cfm>
 This page design was last updated on Monday, June 27, 2005
 Content is dynamically generated by ColdFusion



U.S. Environmental Protection Agency Superfund Information Systems

[Recent Additions](#) | [Contact Us](#) | [Print Version](#) Search:

[EPA Home](#) > [Programs](#) > [Superfund](#) > [Sites](#) > [Superfund Information Systems](#) > [Search Archived Sites](#) > [Search Results](#) > UNIVERSITY OF NC @ CHAPEL HILL

- CERCLIS Database
- Archived Sites
- Record of Decision System (RODS)
- Five-Year Reviews Online
- Site Assessment Documentation Pilot
- Site Spill Identifier List (SPIL)
- Data Element Dictionary (DED)
- Order Superfund Products
- Customer Satisfaction Survey

Archived Sites

UNIVERSITY OF NC @ CHAPEL HILL

Actions

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

<u>OU</u>	<u>Action Name</u>	<u>Qualifier</u>	<u>Lead</u>	<u>Actual Start</u>	<u>Actual Completion</u>
00	DISCOVERY		F		05/01/1981
00	PRELIMINARY ASSESSMENT	L	S		05/01/1984
00	SITE INSPECTION	N	F		09/01/1989
00	ARCHIVE SITE		EP		09/01/1989

[Return to Search Results](#)

[Return to Search Archived Sites](#)

[OSWER Home](#) | [Superfund Home](#)

[EPA Home](#) | [Privacy and Security Notice](#) | [Contact Us](#)

URL: <http://cfpub.epa.gov/supercpad/arcsites/cactinfo.cfm>
 This page design was last updated on Monday, June 27, 2005
 Content is dynamically generated by ColdFusion

State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Solid Waste Management

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
William L. Meyer, Director



September 19, 1995

Ms. Cynthia Gurley
NC CERCLA Project Officer
US EPA Region IV Waste Division, 6th Floor
345 Courtland Street, NE
Atlanta, Georgia 30365

Subject: Proposed Change to WASTELAN

Dear Ms. Gurley:

As we discussed earlier this week, it has come to my attention that the EPA ID. numbers for two (2) University of North Carolina at Chapel Hill sites listed in CERCLIS (and WASTELAN) are reversed in RCRIS as shown below:

Site Name Address	CERCLIS EPA ID. No.	RCRIS EPA ID. No.
University of NC @ Chapel Hill Chydaru Finley Golf Course Road Ext. Chapel Hill, NC 27514	NCD980515308	NCD003203213 (transporter)
University of NC Chapel Hill B-5 Venable Hall Chapel Hill, NC 27514	NCD003203213	NCD980515308 (LQ Gen.)

Based on the file information, it appears that the EPA ID. numbers assigned under RCRA were changed after the sites were discovered in CERCLIS. Since the sites are still active and the EPA ID. numbers are still in use under RCRA, I propose that the EPA ID. numbers in CERCLIS be changed to conform to the numbers assigned to these sites in RCRIS. I have attached copies of the State RCRIS listing and the latest CERCLIS listing I had available showing the site entries.

Letter to C. Gurley
September 19, 1995
page 2

If you need any additional information, please contact me at (919) 733-2801 ext 290.

Sincerely,

A handwritten signature in black ink, appearing to read 'Pat DeRosa', with a long horizontal flourish extending to the right.

Pat DeRosa, Head
CERCLA Branch
NC Superfund Section

attachments

cc: Scott Ross
Grover Nicholson

RCRA Notifiers List

State North Carolina Database

Run 10.37.38 08/30/95

Facility/ID Leg. Dist	Contact - Name	- Phone	Notif. Date	Facil. Type	TSR	GFN	TRNS	BBL	REC
ULTRA-MEK INC NCD982167009	Fac11.: HWY 47 E Mail: PO BOX 518 FRED HUGHES DENTON DENTON	(704)869-4552 NC NC	01/11/91 27239 27239	DAVIDSON CO.	-	SGQ	-	-	-
UM&M INC TRUCKING NCD000645689	Fac11.: RT 7 Mail: PO BOX 8-C DAVID KINGSLAND STATESVILLE STATESVILLE	(704)873-5221 NC NC	12/06/82 28677 28677	IREDELL CO.	-	-N-	-	-	-
UNC CHAPEL HILL 0982114928	Fac11.: BRINKHOU-S-BULLITT Mail: 212 FINLEY RD RICHARD MILLER BLDG ZONE 3 CHAPEL HILL CHAPEL HILL	(919)962-5718 NC NC	05/07/90 27599 27514	ORANGE CO.	-	LQG	-	-	-
UNC-ASHEVILLE NCD981932841	Fac11.: ONE UNIVERSITY HEIGHTS Mail: ONE UNIVERSITY HEIGHTS ROBYN GROOMS ASHEVILLE ASHEVILLE	(704)251-6564 NC NC	04/30/90 28804 28804	BUNCOMBE CO.	-	SGQ	-	-	-
UNC-CHAPEL HILL NCD003203213	Fac11.: 212 FINLEY RD Mail: 212 FINLEY RD RICHARD MILLER Chapel Hill Chapel Hill	(919)962-5507 NC NC	09/07/94 27514 27514	ORANGE CO.	-	-N-	TRNS	-	-
UNC-CHAPEL HILL NCD980515308	Fac11.: VENABLE HALL 045A Mail: 212 FINLEY RD DONALD WILLHOIT UNC CAMPUS CHAPEL HILL CHAPEL HILL	(919)962-5507 NC NC	08/14/90 27514 27514	ORANGE CO.	-	LQG	-	-	-
UNC-CHAPEL HILL NCD982093783	Fac11.: UNC HMF BLDG 488 Mail: 212 FINLEY RD DONALD WILLHOIT ESTES DR CHAPEL HILL CHAPEL HILL	(919)962-5509 NC NC	08/14/90 27514 27514	ORANGE CO.	TSD	LQG	-	-	-
UNC-CHAPEL HILL NCD982114860	Fac11.: BEARD HALL ZONE 2 Mail: 212 FINLEY RD DONALD WILLHOIT CHAPEL HILL CHAPEL HILL	(919)962-5507 NC NC	05/07/90 27599 27514	ORANGE CO.	-	SGQ	-	-	-
UNC-CHAPEL HILL NCD982114985	Fac11.: FACULTY LAB OFFICE Mail: 212 FINLEY RD DONALD WILLHOIT BLDG-ZONE 1 CHAPEL HILL CHAPEL HILL	(919)962-5507 NC NC	05/07/90 27599 27514	ORANGE CO.	-	SGQ	-	-	-
UNC-CHAPEL HILL NCD000032821	BUR WOMAC BLDG Fac11.: MANNING DR Mail: 212 FINLEY RD DONALD WILLHOIT CHAPEL HILL CHAPEL HILL	(919)962-5507 NC NC	10/07/93 27514 27514	ORANGE CO.	-	SGQ	-	-	-
UNC-CHAPEL HILL NCD000268177	SCH PUBLIC HLTH Fac11.: PITTSBORO ST Mail: 212 FINLEY RD DONALD WILLHOIT CHAPEL HILL CHAPEL HILL	(919)962-5507 NC NC	05/03/94 27514 27514	ORANGE CO.	-	SGQ	-	-	-
UNC-CHARLOTTE NCD980600894	Fac11.: HWY 49 N Mail: SAFETY OFFICE UNCC CHARLES SEIGLER CHARLOTTE CHARLOTTE	(704)547-4291 NC NC	10/26/89 28223 282230001	MECKLENBURG CO.	-	LQG	-	-	-
UNC-GREENSBORO NCD077836088	Fac11.: UNC Mail: UNC BRUCE GRIFFIN GREENSBORO GREENSBORO	() - NC NC	08/18/94 27412 27412	GUILFORD CO.	-	SGQ	-	-	-

CERCLIS DATA BASE DATE: 01/07/92
CERCLIS DATA BASE TIME: 19:06:06

** PROD VERSION **
U.S. EPA SUPERFUND PROGRAM
** CERCLIS **
LIST-8: SITE/EVENT LISTING

PAGE NO: 100
VERSION 2.00
RUN DATE: 01/08/92
RUN TIME: 18:20:31

SELECTION: ** SPECIAL **
SEQUENCE: STATE, SITE NAME

EVENTS: SITE EVAL

<u>EPA ID NO.</u>	<u>SITE NAME STREET CITY COUNTY CODE AND NAME</u>	<u>STATE ZIP CONG DIST.</u>	<u>OPRBLE UNIT</u>	<u>EVENT TYPE</u>	<u>NFA FLAG</u>	<u>ACTUAL START DATE</u>	<u>ACTUAL COMPL DATE</u>	<u>CURRENT EVENT LEAD</u>
NCD981744618	UNITED ORGANICS 1008 E. BOULEVARD WILLIAMSTOWN 117 MARTIN	NC 27892	00	DS1 PA1	NFA	09/19/89	08/01/88 09/19/89	EPA (FUND) EPA (FUND)
NCD061795696	UNITEX CHEM 520 BROOME RD GREENSBORO 081 GUILFORD	NC 27406	00	DS1 PA1 PA2 SI1	NFA		06/01/81 08/01/82 06/20/85 12/13/88	EPA (FUND) EPA (FUND) STATE(FUND) STATE(FUND)
NCD980515308	UNIVERSITY OF NC @ CHAPEL HILL CHYDARU CHAPEL HILL 135 ORANGE	NC 27514	00	DS1 PA1 SI1	NFA		05/01/81 05/01/84 09/01/89	EPA (FUND) STATE(FUND) EPA (FUND)
NCD980557615	UNIVERSITY OF NC/ARPT RD OLD SAN LDFL AIRPORT RD CHAPEL HILL 135 ORANGE	NC 27514	00	DS1 PA1			06/01/81 10/01/82	EPA (FUND) EPA (FUND)
NCD980557623	UNIVERSITY OF NC/ARPT WASTE DSPL AREA AIRPORT RD CHAPEL HILL 135 ORANGE	NC 27514	00	DS1 PA1 SI1			06/01/81 04/01/84 08/01/84	EPA (FUND) STATE(FUND) STATE(FUND)
NCD003203213	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL B-5 VENABLE HALL CHAPEL HILL 135 ORANGE	NC 27514	00	DS1 PA1 SI1	NFA		08/01/80 04/01/84 04/17/89	EPA (FUND) STATE(FUND) EPA (FUND)
NC0210020541	US DOD MILITARY OCEAN TER./SUNNY POINT SUNNY POINT SOUTHPOINT 019 BRUNSWICK	NC 28461-5000	00	DS1 PA1		11/28/90	11/30/90	FED. FAC. FED. FAC.
NC6680090002	US EPA TECH CENTER HWY 54 & ALEXANDER DRIVE RESEARCH TRIANGLE PARK 063 DURHAM	NC 27711	00	DS1			11/30/90	FED. FAC.

DATE: 12 April 89

TO: File

FROM: Grover Nicholson

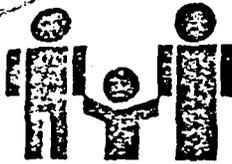
gn

RE: UNC Sites

A compilation of the eight CERCLA and RCRA UNC sites is listed below:

<u>Program</u>	<u>NCD Number</u>	<u>Site Name</u>	<u>RCRA Status</u>
CERCLA	003203213	Finley Golf Course Chydart Bldg. 303	ST, TRN, SQGEN
CERCLA	982093783	488 Estes Drive	ST
RCRA	982114860	Beard Hall	SQGEN
RCRA	982114928	Brinkhouse-Bullit Building 7	SQGEN
RCRA	982114985	Fac. Lab Office Building 7	SQGEN
CERCLA	980515308	Venable Hall	SQGEN
CERCLA	980557615	Airport Road Site	—
CERCLA	980557623	Airport Waste DS	—

GN/ds/grover.doc/p.26



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

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

November 15, 1983

Mr. Donald G. Wilhoit, Director
University of North Carolina at
Chapel Hill
NCD003203213
B-5 Venable Hall 045A
Chapel Hill, N.C. 27514

Dear Mr. Wilhoit:

The United States Environmental Protection Agency has granted the State of North Carolina Solid and Hazardous Waste Management Branch Interim Authorization for Phase II Components A and B to operate the State's Hazardous Waste Management Program in lieu of the Federal Program under the RCRA.

This letter constitutes a formal request for Part B of your application for a hazardous waste facility permit for (X) storage () treatment in (X) containers () tanks () incinerator. This request is made under the authority of North Carolina Administrative Code 10F .0034(b)(1) which adopts by reference 40 CFR 270.10(e).

Four copies of the completed Part B application must be submitted to the Solid and Hazardous Waste Management Branch no later than six months (180 days) from the date of your receipt of this request. Failure to furnish a requested Part B application on time is grounds for termination of interim status or assessment of an administrative penalty.

The mailing address for submission of the Part B application is:

Mr. O. W. Strickland, Head
Solid and Hazardous Waste Management Branch
Environmental Health Section
Department of Human Resources
P.O. Box 2091
Raleigh, North Carolina 27602

We will provide you with additional materials in a subsequent mailing. The first is a copy of the North Carolina Hazardous Waste Management Rules, NCAC 10F, which set forth the information required in the Part B Application package (See Section 122.25). There is no Part B application form corresponding to the Part A forms. Also a Hazardous Waste Facility Permit Application Completeness checklist is provided.

Training courses on "Preparing RCRA Part B Permit Applications" will be conducted by NCSU Division of Continuing Education. For information contact Mr. J. Kohl at (919) 737-2303.

Mr. Donald G. Wilhoit

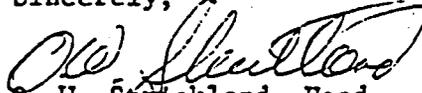
Page 2

November 15, 1983

If you plan to withdraw your Part A application and terminate your interim status, your request for withdrawal should be submitted to this office, to the attention of J. Rhodes, within 30 days of receipt of this letter.

We highly recommend that you schedule a meeting with the Permitting Group of this branch about 90 days before submitting your application in order to discuss any specific questions you may have. Please contact the Solid and Hazardous Waste Management Branch at (919) 733-2178.

Sincerely,

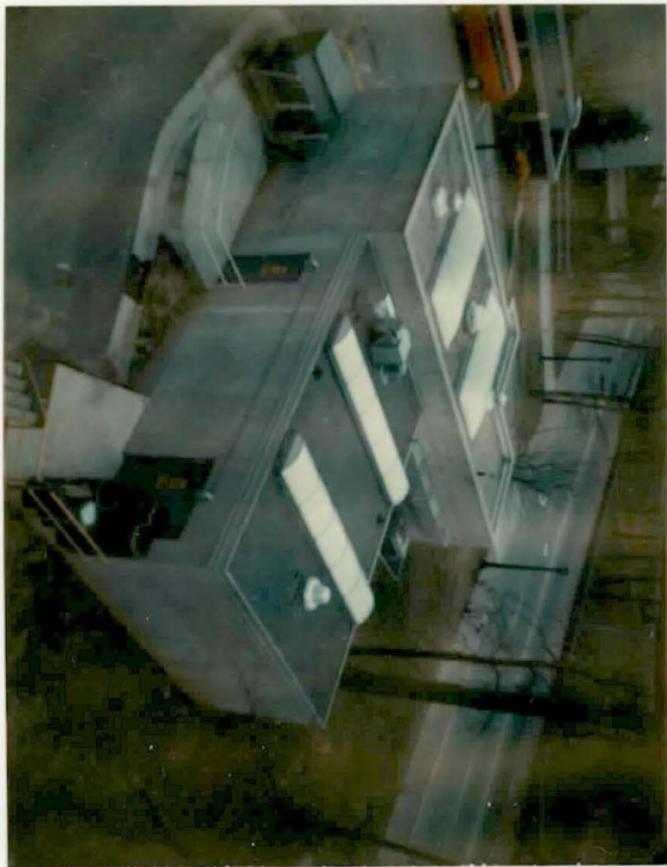


O. W. Strickland, Head
Solid & Hazardous Waste Management Branch
Environmental Health Section

OWS:nlc



3-8-84
F.M.



3/19/81

March 19, 1981

POLACOLOR DC17611

09224312499

POLAROID® 1

Location of previous storage (RCRA)
facility at B-5 Venable Hall UNC-CH
3-9-84 F. Moore



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

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

March 28, 1984

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

RE: Preliminary Assessment Reports

Dear Mr. Jones:

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

UNC-CH Venable Hall
Chapel Hill, N. C. 27514

NCD003203213
Orange County

UNC-CH Chydaru
Chapel Hill, N. C. 27514

NCD980515308
Orange County

These two (2) University of North Carolina - Chapel Hill sites were reported as RCRA sites. The Venable Hall storage building has been closed-out and torn down and a new chemistry complex is being constructed on the site. No disposal at Venable. The Chydaru storage buildings are near the UNC Finley Golf Course and were never used to store hazardous chemicals. The buildings are used at the present time for storage of very low level radioactive materials. The facility is regulated and inspected by the N. C. Radiation Protection Section of the Department of Human Resources. This is not a RCRA 3012 Program Facility and not a hazardous waste disposal site.

Based on our review of the available data and site visits, we have concluded that the former Venable Hall storage building and the Chydaru storage buildings are not hazardous waste disposal sites, no further action is recommended and that they be placed on the inactive ERRIS List or removed completely.

UNC-CH, Old Landfill Dump
Airport Road
Chapel Hill, N. C. 27514

NCD980557615
Orange County

The University of North Carolina at Chapel Hill notified of a hazardous waste site on June 8, 1981. Between the years of 1967 and 1972 approximately 7,500 cubic feet of lab and research waste chemicals from the University were buried in trenches at the City Sanitary Landfill north of the airport on University owned property. Due to the unknowns associated with the disposal and the fact that no monitoring of the site has ever been initiated, the possible long range impacts from the site are questionable. Although no known problems have been detected at the site since closure, we recommend that a low site inspection priority be given the site and that it remain on the active ERRIS list. The low priority is based on the relatively low volume of materials, burials were scattered over the area and the site is somewhat isolated with the University owning the surrounding forested areas. Future work would center on defining the areas of disposal if possible and to initiate a monitoring program for the area. Site geology/soils information should also be developed to aid in monitoring studies.

Duke Refining Corporation
2020 Jarrell Street
High Point, N. C. 27260

NCD003230836
Guilford County

This drum and solvent reclamation facility is known and alleged to have hazardous waste on site, with some spills or other releases to the environment. The main wastes are solvents from the area furniture companies. Several site inspections (with samples) have been conducted by the EPA and the State. Problems in site management and in facility operations are documented. Potential hazards for surface, soils and groundwater contamination are present as well as fire hazards. This site is considered a RCRA site and a RCRA problem. This site will be operated in compliance with RCRA or closed-out in accordance with RCRA regulations. Based on its RCRA status the State is requesting that Duke Refining be recommended for no further action under 3012 and that the site be placed on the Inactive ERRIS List. Also please note the site inspections by State and EPA and update the ERRIS files for this site.

American Enka Company
Enka Street - US 19 & 23 W
Enka, N. C. 28728

NCD052813250
Buncombe Co.

The plant manager notified, as a precaution, that American Enka had operated a landfill, for its own use, since 1929.

Over the years the plant has produced rayon and nylon products. The facility's activities have been documented through interviews and correspondences. Based on the review of this information it appears that no hazardous wastes were disposed in the landfill. The landfill was permitted by the State in 1980 and the surface waters are routinely sampled near the landfill. American Enka is a RCRA facility and does produce small amounts of hazardous waste from work in the research department. This lab waste was reportedly "flushed" before RCRA and none is believed to have been landfilled.

Based on our review of the available data we have concluded that American Enka and its landfill is not a hazardous waste disposal site, no further action is recommended and that it be placed on the Inactive ERRIS List.

NC State University
105A Field House
Raleigh, N. C. 27607

NCD000830737
Wake County

This is the office for the NCSU RCRA Program and is not a hazardous waste disposal site. The RCRA facility is located on Varsity Drive, Raleigh and is inspected as required under RCRA and is not a hazardous waste disposal site either. We recommend that no further action is required and the site be either removed completely or placed on the Inactive ERRIS List.

IBM Corporation RTP
3039 Cornwallis Road
Research Triangle Park, N. C. 27709

NCD041463761
Durham County

IBM notified of a spill, leak or other loss of about 8,000 gallons of 1,1,1-trichloroethane from an underground tank in 1977. IBM installed monitoring and pumping wells around the site and has had an intensive groundwater clean-up program in operation for several years. It is believed that with the remedial clean-up program and intensive site groundwater monitoring program that there are no environmental or health threats at this site.

Based on our review of the available data we have concluded that IBM RTP be given a low priority for inspection and that it remain on the Active ERRIS List. The low priority is to ensure that the site remains on the active list until it is considered cleaned-up.

Flemington Landfill
421 N - Flemington Avenue
Wilmington, N. C. 28401

NCD980503056
New Hanover County

This PA is being filed to up-date the "system" on the current status of the Flemington Landfill Site.

Several site investigations, inspections and studies have been conducted at this site by the EPA and State in the past seven (7) years. Multiple hazardous constituents are present in the groundwater on the east and southeastern boundaries of the site, apparently originating from the landfill. Several area residences and industrial groundwater users were forced into alternate sources of safe water. This site has been well documented as being a problem and is still being monitored and evaluated by the EPA and the State. A low priority site inspection is being submitted to ensure that the site remains on the Active ERRIS List as the site is beyond further consideration from the 3012 Program. The "P", pending action code, is still the appropriate designation for this site. There are no known immediate health or environmental threats that need to be addressed at this site.

New Hanover County Landfill
421 N. - Flemington Avenue
Wilmington, N. C. 28401

NCD980557797
New Hanover County

This site is an ERRIS List duplication. The State requests that the site be known as the Flemington Landfill (see above discussion) and that New Hanover County Landfill be listed as an alais. The no further action code is designated so the site will be listed as an alais and removed from the "List".

Unican Security Systems Corporation
400 Fawn Drive
Rocky Mount, N. C. 27801

NCD045646924
Nash County

Unican notified that it had used an impoundment on company property to contain, treat and/or dispose of nickel metal plating sludges. Some data is available that indicates an impact to the groundwater, in the immediate area downgradient from the impoundment, from the Ni sludges and 1,1,1-trichlorethane. More site work is being conducted by Unican and the State to ensure a good clean-up under the RCRA Program.

The State therefore requests, that no further action be recommended and that Unican be placed on the Inactive ERRIS List. The clean-up of this site will be done under State authority from the RCRA Program. No known immediate health or environmental threats at this site.

Pre-RCRA hazardous waste disposal is reported by the Company as having gone into the impoundment.

Beaufort County Landfill (07-02)
St. Rd. 1334
Washington, N. C. 27889

NCD980557714
Beaufort County

This landfill was notified for by two companies as a precaution. Texasgulf, site property owner, notified just in case some unrinsed pesticide containers had been disposed of improperly in the landfill. The company had no specific knowledge that any unrinsed containers went into the landfill and sequent evaluation by 3012 was also unable to document any unauthorized disposal of unrinsed pesticide containers.

Singer Company notified as a precaution just in case cardboard containing dried lacquer spray residues from their operations were considered hazardous waste (ignitable). Based on the Company's and State's review of the chemical data on the lacquers, they were considered non-hazardous when they are dried residues on cardboard.

Based on our review of the available data we have concluded that the Beaufort County Landfill (07-02) is not a hazardous waste disposal site, no further action is recommended and that it be placed on the Inactive ERRIS List. This is a State permitted landfill with groundwater monitoring wells around the site that are routinely sampled as conditions of the permit.

Amcel Propulsion, Inc.
Beetree Road
Swannanoa, N. C. 28778

NCD980557995
Buncombe County

This site is an ERRIS List duplication. The State requests that the site be known as the Chemtronics site and that Amcel Propulsion be listed as an alais. The no further action code is designated so the site will be listed as an alais and removed from the "List".

Lackawanna Leather Company
Summerset Drive
Conover, N. C. 28613

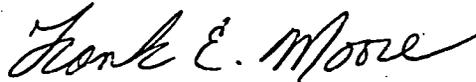
NCD002388965
Catawba County

Mr. Bley, Plant Manager, notified for Lackawanna because they were storing spent solvents on site in drums. After a thorough investigation it was determined that no hazardous wastes had ever been disposed of on site. The facility is in compliance with RCRA as a small generator, as all hazardous waste are manifested for proper disposal.

It was, however, learned that for about two years Lackawanna contracted with a local septic hauler to dispose of some sludges that may have been hazardous? Investigation of that disposal site is still under evaluation by the State.

Based on our review of the available data we have concluded that Lackawanna Leather is not a hazardous waste disposal site, no further action is recommended and that it be placed on the Inactive ERRIS List.

Sincerely,



Frank E. Moore, Geologist

Solid & Hazardous Waste Management Branch
Environmental Health Section

FEM:jj
cc: O. W. Strickland
Arthur Mouberry
Jay Sauber
Dennis Ramsey
W. McClelland

PRELIMINARY ASSESSMENTS SUBMITTED TO EPA

Date March 28, 1984

EPA ID NUMBER	SITE NAME	PRIORITY-INSPECTION			NO FURTHER ACTION
		HIGH	MEDIUM	LOW	
NCD003203213	UNC-CH Venable				X
NCD980515308	UNC-CH Chydaru				X
NCD980557615	UNC-CH Airport Lndfl			X	
NCD003230836	Duke Refining Corporation				X
NCD052813250	American Enka Company				X
NCD000830737	NCSU 105A Fieldhouse				X
NCD041463761	IBM Corp. RTP			X	
NCD980503056	Flemington Ldfl			X	
NCD980557797	New Hanover Co. Ldfl				X
NCD045646924	Unican Security Systems Corp.				X
NCD980557714	Beaufort Co. Lndfl (07-02)				X
NCD980557995	Amcel Propulsion				X
NCD002388965	Lackawanna Leather Co.				X

POTENTIAL HAZARDOUS WASTE SITE ASSESSMENT LOCATION AND ASSESSMENT				I. IDENTIFICATION	
NCD003203213 ORANGE UNIV OF NC @ CHAPEL HILL B-5 VENABLE HALL CHAPEL HILL NC 27514				01 STATE	02 SITE NUMBER
				NC	NCD003203213
02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER					
04 STATE		05 ZIP CODE	06 COUNTY		07 COUNTY CODE
			Orange		068
08 CONG DIST		04			
09 COORDINATES LATITUDE		LONGITUDE			
3554320		07903060			
10 DIRECTIONS TO SITE (Starting from nearest public road)					
UNC Campus Map attached					
III. RESPONSIBLE PARTIES					
01 OWNER (if known)			02 STREET (Business, mailing, residential)		
University of North Carolina			B-5 Venable Hall		
03 CITY		04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER	
Chapel Hill		NC	27514	(919) 933-5507	
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 type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input checked="" 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 (RCRA 103 e) DATE RECEIVED: ____/____/____ MONTH DAY YEAR <input checked="" 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>3/15/82</u> MONTH DAY YEAR <input type="checkbox"/> NO 3/8/84			<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)		
CONTRACTOR NAME(S): _____					
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			? 1982 <input type="checkbox"/> UNKNOWN BEGINNING YEAR ENDING YEAR		
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED					
This was a RCRA facility until it was torn down in 1982. A closure plan was submitted at the termination of this building. Current RCRA status unknown, this EPA I.D. Number is still in RCRA. <i>Erris listing in error, JFM</i>					
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION					
None - The building no longer exists and a new chemistry lab is being constructed (see photo)					
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 (Inspection 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	
Donald WillLoit, Safety Dir.		UNC Chapel Hill		(919) 933-5507	
04 PERSON RESPONSIBLE FOR ASSESSMENT		05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER	08 DATE
O. W. Strickland		NC DHR	Solid & Haz. Waste Mgt. Br.	(919) 733-2178	<u>2/27/84</u> MONTH DAY YEAR



THE UNIVERSITY OF NORTH CAROLINA
AT
CHAPEL HILL

University
Health and Safety Office

The University of North Carolina at Chapel Hill
Health and Safety Office
B-5 Venable Hall 045 A
Chapel Hill, North Carolina 27514

October 22, 1981

NCD 003203213

Mr. John M. Harvanek III
RCRA Project Officer
Region IV
Environmental Protection Agency
345 Courtland Street
Atlanta, Georgia 30365

Dear Mr. Harvanek:

In response to your letter of October 15, 1981, notifying the University of North Carolina of the incomplete Part A permit application, we have corrected the items in question on the application form, items 16 and 17 on page 3. We do not have annual waste streams for any of the substances listed under paragraph (e) or (f) of section 261.33. We were attempting to cover the possibility of a future waste included under these lists. For commercial products which are no longer needed by the original purchaser, we redistribute to other users within our institution.

Enclosed is the completed Part A permit application. If you have any questions please contact us.

Sincerely,

Donald G. Willhoit
Donald G. Willhoit
Director

DGW/mx

cc: Mr. O. W. Strickland, Head
Solid and Hazardous Waste Management Branch
Environmental Health Section
Department of Human Resources
P.O. Box 2091
Raleigh, N.C. 27602

FORM 1 GENERAL	EPA	U.S. ENVIRONMENTAL PROTECTION AGENCY GENERAL INFORMATION Consolidated Permits Program <i>(Read the "General Instructions" before starting.)</i>	I. EPA I.D. NUMBER F N C D 0 0 3 2 0 3 2 1 3
-----------------------------	------------	---	--

LABEL ITEMS I. EPA I.D. NUMBER III. FACILITY NAME FACILITY MAILING ADDRESS VI. FACILITY LOCATION	PLEASE PLACE LABEL IN THIS SPACE <div style="border: 1px solid black; padding: 5px; display: inline-block;"> RECEIVED EPA REGION IV APR 1 5 26 PM '80 SHREVEPORT LOUISIANA </div>	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 UNIV OF NORTH CAROLINA AT CHAPEL HILL											

IV. FACILITY CONTACT											
A. NAME & TITLE (last, first, & title)						B. PHONE (area code & no.)					
2 WILLHOIT, DONALD, DIR., HEALTH & SAFETY						919		933		5507	

V. FACILITY MAILING ADDRESS											
A. STREET OR P.O. BOX											
3 B5 Venable Hall											
B. CITY OR TOWN						C. STATE		D. ZIP CODE			
4 CHAPEL HILL						NC		27514			

VI. FACILITY LOCATION											
A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER											
5 RALEIGH RD. / S. HARRIS ST.											
B. COUNTY NAME											
ORANGE											
C. CITY OR TOWN						D. STATE		E. ZIP CODE		F. COUNTY CODE (if known)	
6 CHAPEL HILL						NC		27514			

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

A. FIRST				B. SECOND			
7	8	2	2	1	7	8	0
University				Medical laboratories			
C. THIRD				D. FOURTH			
7	8	9	2	2	7	8	0
Research, Scientific & Educational				Dental laboratories			

VIII. OPERATOR INFORMATION

A. NAME: UNIVERSITY OF NORTH CAROLINA

B. Is the name listed in Item VIII-A also the owner? YES NO

C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box: if "Other", specify.)
 F = FEDERAL M = PUBLIC (other than federal or state)
 S = STATE O = OTHER (specify) S (specify)

D. PHONE (area code & no.)
 9 1 9 9 3 3 5 5 0 7

E. STREET OR P.O. BOX: B 5 VENABLE HALL

F. CITY OR TOWN: CHAPEL HILL G. STATE: NC H. ZIP CODE: 27514

IX. INDIAN LAND: Is the facility located on Indian lands? YES NO

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)				D. PSD (Air Emissions from Proposed Sources)			
9	N	N	C	9	P	N	C
0 0 2 5 3 0 5				3 0 6 9 R			
B. UIC (Underground Injection of Fluids)				E. OTHER (specify)			
9	U			9		N	C
				3 0 3 5 Air emissions			
C. RCRA (Hazardous Wastes)				E. OTHER (specify)			
9	R	N	C	9		N	C
D 0 0 3 2 0 3 2 1 3				3 0 3 6 Air emissions			

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)

The University of North Carolina is a major University offering a wide range of academic disciplines. Located within the university are a large number of teaching and research laboratories. The disciplines with chemical laboratories include chemistry, biology, medical, pharmacy, public health, dental, ect.

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
JOHN L. TEMPLE Vice Chancellor for Business & Fin.	<i>John Temple</i>	3/2/81

COMMENTS FOR OFFICIAL USE ONLY

E	
C	

Please print or type in the unshaded areas only (fill-in areas are spaced for elite type, i.e., 10 characters/inch).

Form Approved OMB No. 158-S80004

FORM 3	ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE PERMIT APPLICATION <i>Consolidated Permits Program</i> <small>(This information is required under Section 3005 of RCRA.)</small>	I. EPA I.D. NUMBER F N C D 0 0 3 2 0 3 2 1 3 5 1
---------------	---	---

FOR OFFICIAL USE ONLY		COMMENTS
APPLICATION APPROVED	DATE RECEIVED (yr, mo, & day)	
31	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.

A. FIRST APPLICATION (place an "X" below and provide the appropriate date)

1. EXISTING FACILITY (See instructions for definition of "existing" facility. Complete item below.)

2. NEW FACILITY (Complete item below.)

FOR EXISTING FACILITIES, PROVIDE THE DATE (yr, mo, & day) OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED (use the boxes to the left)

YR.	MO.	DAY
8	7	01

YR.	MO.	DAY

B. REVISED APPLICATION (place an "X" below and complete Item I above)

1. FACILITY HAS INTERIM STATUS

2. FACILITY HAS A RCRA PERMIT

III. PROCESSES - CODES AND DESIGN CAPACITIES

A. PROCESS CODE - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the form (Item III-C).

B. PROCESS DESIGN CAPACITY - For each code entered in column A enter the capacity of the process.

1. AMOUNT - Enter the amount.

2. UNIT OF MEASURE - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PRO-CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	PROCESS	PRO-CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Storage:			Treatment:		
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
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
Disposal:					
INJECTION WELL	D79	GALLONS OR LITERS			
LANDFILL	D80	ACRE-FEET (the volume that would cover one acre to a depth of one foot) OR HECTARE-METER			
LAND APPLICATION	D81	ACRES OR HECTARES			
OCEAN DISPOSAL	D82	GALLONS PER DAY OR LITERS PER DAY			
SURFACE IMPOUNDMENT	D83	GALLONS OR LITERS			

UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE	UNIT OF MEASURE CODE
GALLONS	G	LITERS PER DAY	V	ACRE-FEET	A
LITERS	L	TONS PER HOUR	D	HECTARE-METER	F
CUBIC YARDS	Y	METRIC TONS PER HOUR	W	ACRES	B
CUBIC METERS	C	GALLONS PER HOUR	E	HECTARES	Q
GALLONS PER DAY	U	LITERS PER HOUR	H		

EXAMPLE FOR COMPLETING ITEM III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

1	C	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32				
DUP																									
LINE NUMBER	A. PRO-CESS CODE (from list above)	B. PROCESS DESIGN CAPACITY										FOR OFFICIAL USE ONLY	LINE NUMBER	A. PRO-CESS CODE (from list above)	B. PROCESS DESIGN CAPACITY										FOR OFFICIAL USE ONLY
		1. AMOUNT (specify)					2. UNIT OF MEASURE (enter code)								1. AMOUNT					2. UNIT OF MEASURE (enter code)					
X-1	S 0 2	600					G						5												
X-2	T 0 3	20					E						6												
1	S 0 1	2000					G						7												
2													8												
3													9												
4													10												

III. PROCESSES (continued)

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

IV. DESCRIPTION OF HAZARDOUS WASTES

- A. EPA HAZARDOUS WASTE NUMBER — Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.
- B. ESTIMATED ANNUAL QUANTITY — For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.
- C. UNIT OF MEASURE — For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
POUNDS	P	KILOGRAMS	K
TONS	T	METRIC TONS	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES

- 1. PROCESS CODES:
 - For listed hazardous wastes: 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:

- 1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
- 2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
- 3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM IV (shown in line numbers X-1, X-2, X-3, and X-4 below) — A facility will treat and dispose of an estimated 900 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.

WASTE 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

IV. DESCRIPTION OF HAZARDOUS WASTE (continued)

E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 3.

EPA I.D. NO. (enter from page 1)														
F	N	C	D	0	0	3	2	0	3	2	1	3	T/A	C
1	2	3	4	5	6	7	8	9	10	11	12	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	4	3	2	2	0	7	9	0	3	0	6	2
45	46	47	48	49	51	72	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.)					
3. STREET OR P.O. BOX						4. CITY OR TOWN		5. ST.		6. ZIP CODE	

IX. OWNER CERTIFICATION

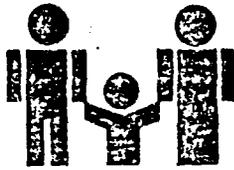
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, 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) John L. Temple Vice Chancellor for Business & Fin.	B. SIGNATURE 	C. DATE SIGNED 3/20/81
--	------------------	---------------------------

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) John L. Temple Vice Chancellor for Business & Fin.	B. SIGNATURE 	C. DATE SIGNED 3/2/81
--	------------------	--------------------------



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

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

April 28, 1982

Dr. Donald Willhoit
University of North Carolina
B-5 Venerable Hall
Chapel Hill, NC 27514



Dear Dr. Willhoit:

On March 15, 1982 Mr. Larry Perry of the Solid and Hazardous Waste Management Branch conducted a RCRA inspection of your facility. The following violations were noted:

1. (265.16) - Personnel records of persons handling hazardous waste need updating.
2. (265.110-265.112) - Closure Plan needed for overall facility.

A compliance date of April 15, 1982 was established.

If you have any questions concerning this matter, please contact Mr. William Paige, Environmental Chemist at (919) 733-2178.

Sincerely,

O. W. Strickland, Head
Solid & Hazardous Waste Management Branch
Environmental Health Section

OWS:nlc

cc: Mr. Larry Perry



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

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

April 13, 1982

MEMORANDUM

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

FROM: Larry D. Perry, District Representative *LDP*
Solid & Hazardous Waste Management Branch

SUBJECT: Interim-Status Inspection - Generator, TSD
University of North Carolina
B-5 Venerable Hall
Chapel Hill, NC 27514 (Orange County)
EPA I.D. #NCD003203213
Contact: Donald Willhoit, Director of Health & Safety

A RCRA Interim Status compliance inspection was conducted at the University of North Carolina facility in Chapel Hill on March 15, 1982. The following violations of RCRA were noted during the inspection:

1. (265.16) - Personnel records of persons handling hazardous waste need updating.
2. (265.110-112) - Closure Plan needed for overall facility.

A compliance date of April 15, 1982 was agreed upon by the facility management and this inspector.

LDP:ns

1

INSPECTION FORM FOR INTERIM STATUS STANDARDS FOR
OWNER/OPERATOR OF HAZARDOUS WASTE MANAGEMENT
FACILITIES

Name of Site Univ. of N.C. EPA I.D. NC D003203213 County Orange

Location Chapel Hill Signature of Facility Contact Larry Sherry

Date 3-15-82 Signature of Inspector(s) _____

INSTRUCTIONS: Place a check to indicate Compliance (C), NonCompliance (NC) or Not Applicable (NA). Cite specific violation by Section No.

	<u>C</u>	<u>NC</u>	<u>NA</u>	<u>Violation(s)</u>
1. GENERAL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. GENERAL FACILITY STANDARDS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>(265.16)</u>
3. PREPAREDNESS AND PREVENTION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. CONTINGENCY PLAN AND EMERGENCY PROCEDURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. MANIFEST SYSTEM, RECORDKEEPING, AND REPORTING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. GROUND-WATER MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7. CLOSURE AND POST-CLOSURE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>(265.110-112)</u>
8. FINANCIAL REQUIREMENTS	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
9. USE AND MANAGEMENT OF CONTAINERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10. TANKS	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
11. SURFACE IMPOUNDMENTS	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
12. WASTE PILES	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
13. LAND TREATMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
14. LANDFILLS	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
15. INCINERATORS	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
16. THERMAL TREATMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
17. CHEMICAL, PHYSICAL, AND BIOLOGICAL TREATMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
18. UNDERGROUND INJECTION	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

YES () NO (✓)

Imminent hazard

INTERIM STATUS INSPECTION

1. Facility Information

University of North Carolina
B-5 Venerable Hall
Chapel Hill, NC 27514 (Orange County)
EPA I.D. #NCD003203213

2. Responsible Official

Donald Willhoit - Director of Health & Safety

3. Survey Participants

Ray Hackeny - Biological Safety Officer
Larry D. Perry - N.C. Solid & Hazardous Waste Management Branch

4. Date of Inspection

March 15, 1982

5. Applicable Regulations

40 CFR Parts 262, and 265, FR May 19, 1980 and amendments

6. Purpose of Survey

A RCRA Interim Status compliance inspection was conducted at the University of North Carolina facility by the N. C. Solid and Hazardous Waste Management Branch. The scope of the inspection was comprehensive including a site survey and record review. Regulatory requirements covered those contained in 40 CFR Parts 262, Generator Standards, and 265, General Facility Standards including containers.

7. Facility Description

The University of North Carolina's present facility is located on the University campus immediately off Hwy. 54. This storage site consists of a 600 square-foot poured concrete building near Venerable Hall. This building is to be torn down in September, 1982, and a new building built on a several acre site located on some University property at Estes Drive and Airport Road. The waste material will be stored at a temporary storage warehouse during the interim period from September, 1982, until about April, 1983, when the new site is to be completed. This move and storage is more fully explained in the closure plan submitted to Bill Meyer on 3/17/82.

The Part A application submitted to EPA listed the University of North Carolina as a generator and storer of waste that might be hazardous by characteristic (D001-D011) and halogenated and non-halogenated solvents (F002, F003, F004, and F005).

The waste generated and stored by the University consists of material generated by the labs and supporting facilities at the University. Also, wastes generated by N. C. Memorial Hospital are stored at the University's facilities due to the close proximity and association between the two facilities. The University signs off on the manifest as the receiving TSD facility for the hospital's hazardous waste.

The wastes are stored in the facility storage site. At present the storage conditions are not that great but the future planned site looks great as a storage facility. At the new site there will be better isolation or separation of incompatible materials. The waste that is stored is handled in several ways. Some of the material can be reused by other labs, some of the material is reprocessed and recovered such as solvent recovery and some of the material is disposed of via hazardous waste disposal sites. Most of the material is stored in its original shipping container and kept or stored with like material until its final disposition.

The site is not a transporter at present due to all transportation being done on University property. The new storage site is off the continuous University property thus they will probably have to list later as a transporter.

A manifest appeared in proper order.

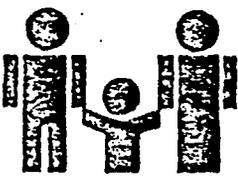
8. Site Deficiencies

The following violations of RCRA were observed on the date of inspection:

1. (265.16) - Personnel records of persons handling hazardous waste need updating.
2. (265.110 - 112) - Closure Plan needed for overall facility.

9. Recommendations - Compliance Schedule

A compliance date of April 15, 1982, was agreed upon by the facility management and this inspector. A re-inspection will be made on or about this date for compliance check.



(Change)
Ronald H. Levine, M.D., M.P.H.
STATE HEALTH DIRECTOR

JFH

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

March 29, 1982

Donald G. Wilhoit, Director
UNC Health and Safety Office
B-5 Venable Hall 045A
Chapel Hill, NC 27514

Dear Don:

The Solid and Hazardous Waste Management Branch has reviewed the submitted closure plan for the exiting Hazardous Waste Management Facility and the proposed interim waste management procedures until the new facility is completed. The following comments are offered:

1. The UNC is the facility location and the proposal is considered a partial closure for a specific activity and not closure of the facility.
2. The interim plan will require the submission of a subsequent Part A to include interim procedures. The interim activity will have to comply with interim status standards (40 CFR Part 265) and be specific for the changed location. Interim status is maintained since it is a continuation of activity at a different location on an existing facility.
3. As a result of interim status inspections by this agency, we concur that no significant spills have occurred and the decontamination procedures are sufficient. Disposal of decontamination wash down water shall be to the Chapel Hill POTW and will require written confirmation to this agency. Disposal of the demolition debris shall be in a permitted solid waste disposal facility.
4. The UNC Closure Plan should be re-written and address each applicable part of Subpart G Closure and Post Closure of 40 CFR 265.110 - 265.115. (Enclosed)
5. The re-written closure plan will be submitted for public review and comment under 265.112(d) procedures.

If we can be of further assistance, please contact this office.

Respectfully,

William L. Meyer

William L. Meyer, Environmental Engineer
Solid & Hazardous Waste Management Branch
Environmental Health Section

WLM:nlc

cc: Mr. Larry Perry



THE UNIVERSITY OF NORTH CAROLINA
AT
CHAPEL HILL

University
Health and Safety Office

The University of North Carolina at Chapel Hill
Health and Safety Office
B-5 Venable Hall 045 A
Chapel Hill, North Carolina 27514

March 16, 1982

Mr. O. W. Strickland, Head
Solid and Hazardous Waste Management Branch
Environmental Health Section
Department of Human Resources
P.O. Box 2091
Raleigh, North Carolina 27602



Dear Mr. Strickland:

The University is going to build a new Undergraduate Chemistry Laboratory Building to replace the ancient laboratories in Venable Hall. Construction of the new building will require removal of our present hazardous waste handling facility. A new hazardous waste facility is planned and application for the new facility will be submitted in the near future.

I would appreciate your review of the attached closure plan and welcome any suggestions you may have regarding the closure or the interim plans.

Thank you for your review and consideration of this request.

Sincerely,

Donald G. Willhoit
Director

DGW/mx

CLOSURE PLAN

University of North Carolina at Chapel Hill Hazardous Waste Storage Facility - Venable Hall Site

The existing 600 sq. ft. facility is to be demolished to make way for a new chemistry building. A new hazardous waste facility will be constructed, but it will not be completed before the existing building is removed. Plans for handling and storage of wastes during the period from closure of the existing building until the new building is completed are described below. Although the interim plan will result in some inconvenience, we do not anticipate any problems which will interrupt our ability to handle our hazardous wastes in accordance with the State's regulations.

Schedule of Closure

There have not been any significant spills in the existing facility and thus decontamination is not necessary. The closure schedule follows:

First week of August 1982: remaining wastes will be removed.

Second week of August: Fume hood, shelving, and other salvagable items will be washed with detergent solution in preparation for removal and reinstallation at the new facility.

Third week of August: Fume hood, shelving, and other salvagable items will be removed from the building for storage until the new facility is ready for installation of the items.

Fourth week of August: Walls and floor of the building will be hosed-down to provide added insurance that there is no contamination present. The building will then be ready for demolition.

Interim Plan

During the interim, after discontinuation of the use of the existing facility and prior to completion of the new facility, the following measures will be taken:

1) An interim staging area will be located in a room now used for acid storage at the University's Central Warehouse. This room will be used in a manner similar to the existing facility, except that the room will not be used for storage of drums once they are filled. *TIME ?*

2) The flammable storage room at the warehouse used for dispersing solvents will be used for storage of drums of flammables and solvents which have been prepared for shipment.

3) Reactive wastes will be stored in the room at the Warehouse used for storage of reactive chemicals.

4) Neutralization of acids will be performed in the Warehouse acid storage room, or in a laboratory fume hood sink in a campus laboratory.

5) Wastes packaged and labeled for shipment will be transferred to the Warehouse loading dock for pick-up by a hazardous waste vendor. *TIME -*

6) Frequent shipments will be scheduled to minimize the quantity *TIME* of waste on hand at any time.

Maximum Inventory of Wastes Prior to Closure

The following list of chemicals represents what might typically be found in the Chemical Waste Storage Building.

- 500 gal. Flammable Solvents - toluene, xylene, ethyl alcohol, methyl alcohol, hexane, diethyl ether, petroleum ether, ethyl acetate, tetrahydrofuran, acetonitrile, benzene, dioxane, acetone, carbon disulfide.
- 100 gal. Chlorinated Solvents - carbon tetrachloride, chloroform, methylene chloride.
- 50 gal. Corrosives - hydrochloric acid, phosphoric acid, sulfuric acid, nitric acid, perchloric acid, acetic acid.
- 50 gal. Oxidizers - sulfuric acid, nitric acid, chromic acid, perchloric acid, bromine, lead nitrate, hydrogen peroxide.
- 10 lbs. Reducing Agents - butyl lithium, diborane, hydrazine, lithium aluminum hydride.
- 100 gal. Metals and Metal Compounds - mercury, mercuric chloride, ferric chloride, osmium, molybdeum, lead, silver.
- 10 lbs. Explosions - sodium azide, picric acid.
- 2 gal. Water Reactive Substances - Acetyl chloride, butyl lithium, sodium.
- 2 gal. Cyanides - hydrogen, cyanide, cyanogen bromide.
- 500 gal. Low Level Radioactive Liquid Waste - iodine 125, tritium, carbon 14, phosphorus 32, chromium 51, sodium 22, chlorine 36, sulfur 35, in water or toluene, radioactivity range - trace to 4 microcuries per milliliter.

Cost Estimates

The cost of demolition of the existing building is to be included in the project cost of the new chemistry building. A specific cost for demolition is not available at this time. Other costs associated with closure are estimated as follows:

1) Decontamination of fume hood and shelving	\$ 120.00
2) Removal of fume hood and shelves	1,000.00
3) Cleaning of building in preparation for demolition	<u>60.00</u>
Total closure costs	\$1,180.00

