



UNC
ENVIRONMENT
HEALTH & SAFETY

The University of North Carolina at Chapel Hill
Department of Environment, Health & Safety
1120 Estes Drive Ext., CB# 1650
Chapel Hill, North Carolina 27599-1650

September 3, 2010

John Walch
NC DENR Division of Waste Management
Inactive Hazardous Sites Branch
401 Oberlin Road Suite 150
Raleigh, NC 27605

Subject: The University of North Carolina at Chapel Hill, Cogeneration Facility Warehouse
Notification of an Inactive Hazardous Substance or Waste Disposal Site

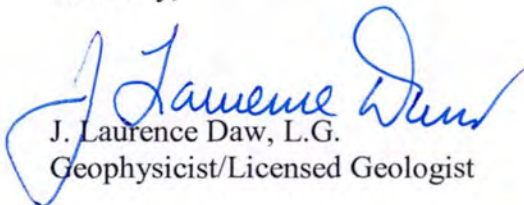
Dear Mr. Walch:

As we discussed by telephone on July 27, 2010, please find attached for your review the Notification of an Inactive Hazardous Substance or Waste Disposal Site for the University of North Carolina at Chapel Hill (UNC) Cogeneration Facility Warehouse. Suspect soils were first identified at the site on June 4, 2010.

UNC is in the process of constructing a warehouse building at this location. Investigation and/or remediation of suspect soils are being conducted by Piedmont Geologic.

Please contact me at (919) 962-6666 if I can be of further assistance. Thank you.

Sincerely,


J. Laurence Daw, L.G.
Geophysicist/Licensed Geologist

Attachment

Cc: Mary Beth Koza
Pete Dressel – Piedmont Geologic





NOTIFICATION OF AN INACTIVE HAZARDOUS SUBSTANCE OR WASTE DISPOSAL SITE

Please read instructions before completing and type or print in black ink.

I. SITE NAME AND LOCATION:

Site Name (one site per form) UNC Cogeneration Facility - Warehouse Construction Site
 Location (street address) 575 West Cameron Avenue
 City Chapel Hill US EPA ID# (if known) NCR 000 010 272 SQG
 County Orange
 Directions to Site From Interstate 40, take NC-54 W via Exit 273A toward Chapel Hill (3.1 miles)
Stay straight onto Raleigh Road/NC-54 BR (1.5 miles)
Turn right onto S. Columbia Street (0.2 miles)
Turn left on W. Cameron Avenue (0.5 miles)
575 West Cameron Avenue is on left.

Attach a USGS topographic map or map of equal or reasonably similar scale (1 inch = 2000 ft.) showing the location and vicinity of the site or facility. Label map with the site name.

II. PERSON COMPLETING FORM:

Name <u>Larry Daw</u>	Present Owner <u> x </u>
Mailing Address <u>1120 Estes Drive Extension, Campus Box 1650</u>	Past Owner <u> </u>
City <u>Chapel Hill</u> State <u>NC</u> Zip Code <u>27599-1650</u>	Present Operator <u> </u>
Telephone (919) <u>962-6666</u>	Past Operator <u> </u>
	Other <u> </u>
	(specify) <u> </u>

III. PRESENT OWNER:

Individual Owner or Company Name <u>The University of North Carolina at Chapel Hill</u>	Corporation <u> </u>
Executive Officer <u>Richard L. Mann</u>	Partnership <u> </u>
Mailing Address <u>302 South Building, Campus Box #1000</u>	Individual <u> </u>
City <u>Chapel Hill</u> State <u>NC</u> Zip Code <u>27599-1000</u>	Government Unit <u> x </u>
Telephone () <u>919-962-3798</u>	Other <u> </u>
	(specify) <u> </u>

IV. CURRENT SITE USE:

Check the item or items which describe the current use of the site.

Residential	___	Forest Land	___	Retirement Home	___
Business	___	Farm Land	___	Other	<u>X</u>
Industrial	___	School/Day Care	___	(specify) Education	___
Pasture Land	___	Hospital	___	cogeneration facility	___

V. ON-SITE RESIDENTS:

Are there any on-site residents? ___ Yes X No
 Number of children (• 6 years old) living on site _____ Number of adults _____

VI. SURROUNDING PROPERTY USE:

Check the appropriate description of the area surrounding the site. (More than one may apply.)

Residential	<u>X</u>	Forest Land	___	Retirement Home	___
Business	___	Farm Land	___	Other	___
Industrial	___	School/Day Care	___	(Specify) _____	___
Pasture Land	___	Hospital	___	_____	___

VII. Site Operations (More than one may apply.):

	Current	Previous
1. Mining	___	___
2. Paper and wood production	___	___
3. Textiles	___	___
4. Fertilizer	___	___
5. Printing/painting	___	___
6. Leather tanning	___	___
7. Iron/steel foundry	___	___
8. Chemical, general	___	___
9. Plating/polishing	___	___
10. Military/ammunition	___	___
11. Firing range	___	___
12. Rubber/plastics	___	___
13. Utility companies/transformers	___	___
14. Sanitary/refuse	___	___
15. Photo finishing	___	___
16. Lab/hospital	___	___
17. Wood treating	___	___
18. Battery reclamation	___	___
19. Pesticides formulation, packaging and/or distribution	___	___
20. Herbicide formulation, packaging and/or distribution	___	___
21. Other agrichemical formulation, packaging and/or distribution	___	___
22. Dry cleaning	___	___
23. Petrochemical processing or refining	___	___
24. Furniture manufacturing or finishing	___	___
25. Drum reconditioning	___	___
26. Unknown	___	___
27. Other (specify) <u>Education-cogeneration facility</u>	<u>X</u>	<u>X</u>

VIII. ENVIRONMENTAL PERMITS:

List all previous and current environmental permits below.

Type of Permit (e.g. landfill, nondischarge, etc.)	Past (circle one)	Present (circle one)	Permit Number	Date Issued	Issuing Agency
Air Quality Permit	Past	Present	03069T26	7/1/2010	NCDENR-DAQ
NPDES	Past	Present	NC0025305	9/1/2006	NCDENR-DWQ
	Past	Present			
	Past	Present			
	Past	Present			
	Past	Present			
	Past	Present			

IX. KNOWN OR SUSPECTED RELEASES OF HAZARDOUS SUBSTANCES OR WASTE TO THE ENVIRONMENT:

List all on-site spills, disposals and other releases of hazardous substances or materials containing hazardous substances.

Material/ Chemical Released (Known and suspected)	Physical State of Material (Use codes below)	Approx. Volume Released	Date of Release	Suspected Contaminants (Use codes below)	Source of Release (e.g. tank, buried drums, landfill, product spill, etc.)	Known or Suspected Contamination			
						Ground water	Surface Water	Sediment	Soil
No. 6 fuel oil	L	<20 gal	12/7/1994	Pe	tanker truck unloading	NA	NA	NA	NA
No. 6 fuel oil	L	100 gal	5/18/1995	Pe	Product spill, 2nd level floor	NA	NA	NA	NA
Sulfuric acid	L	600 gal	7/14/1996	A	Pipe leak from tank	NA	NA	NA	K
No. 6 fuel oil	L	<5 gal	8/17/1999	Pe	Underground tunnel line	NA	NA	NA	NA
Ethylene glycol	L	165 gal	6/24/2010	O	Product spill	NA	NA	NA	NA

KNOWN RELEASES AT THE ENTIRE COGENERATION FACILITY, NONE OF WHICH WERE IN THE VICINITY OF THE COGENERATION FACILITY WAREHOUSE CONSTRUCTION SITE.

Physical State Codes

- G - Containerized Gas
- L - Liquid
- S - Solid/Powder
- Sl - Sludge

Codes for Suspected Contaminants

- A - Acids
- Ab - Asbestos
- Am - Ammonia
- B - Bases
- C - Cyanide
- D - Dioxins
- M - Metals
- Mu - Mixed Municipal Waste
- O - Organic Chemicals

- P - PCBs
- Pe - Petroleum Products
- Ps - Pesticides
- W - Waste Oil

"K" IF KNOWN
 "S" IF SUSPECTED
 "NA" IF NOT APPLICABLE

X. TOTAL AREA OF ALL DISPOSALS, SPILLS, OR RELEASES OF HAZARDOUS SUBSTANCES OR WASTE: UNC COGENERATION FACILITY WAREHOUSE CONSTRUCTION SITE

- less than 1 acre
- 1 acre or more, but less than 5 acres
- 5 acres or more, but less than 10 acres
- 10 acres or more
- Unknown

XI. AVAILABILITY OF ENVIRONMENTAL ANALYTICAL DATA:

Do any environmental reports or laboratory analytical data exist for the site? Yes No
 If yes, attach reports or data to this form. SOIL ASSESSMENT REPORT IS ATTACHED.

XII. IDENTIFY WHETHER ANY OF THE FOLLOWING ARE PRESENT OR WERE PRESENT IN THE PAST AT THE SITE (*More than one may apply.*): UNC COGENERATION FACILITY WAREHOUSE CONSTRUCTION SITE.

- Debris pile(s)
- Land treatment of sludges
- Landfill(s) or buried waste
- Tank(s) underground
- Other (*specify*) Flyash settling pond
- Tank(s) above ground
- Septic tank(s)
- Surface impoundment(s)
- Underground injection of waste
- Spill(s)
- Wastewater lagoon(s)
- Drum(s)

XIII. ACCESSIBILITY OF SITE (*More than one may apply.*):

- 24-hour security guard
- Security guard < 24-hour/day
- Physical barrier (steep bank, creek, walls, etc.)
Describe physical barriers _____
- Site completely surrounded by fence
- Site partially surrounded by fence
- Locked gate
- Unlocked gate
- No control of access to site
- Other (*specify*) _____

XIV. WATER SUPPLY SOURCES:

Identify whether the following are present on site or on adjacent property.

	Present on site		Present on Adjacent Property	
	Yes	No	Yes	No
Spring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Well	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Surface Water Intake	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

XV. SITE SURFACE WATER:

Indicate whether any surface water bodies (e.g. streams and lakes) exist on the site or the property adjacent to the site.

unnamed tributary of Morgan Creek is present on adjacent property south of McCauley Street.

XVI. CERTIFICATION AND SIGNATURE:

I certify that to the best of my knowledge and belief, the information supplied on this form is complete and accurate.

Signature Richard L. Mann Date 9/1/10

Name and Title (Type or print) Richard L. Mann, Vice Chancellor for Finance and Administration

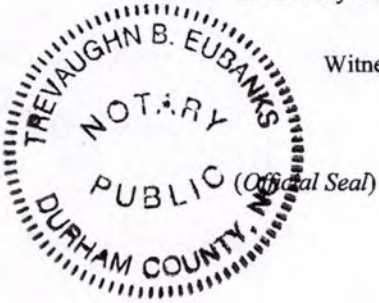
Mailing Address 302 South Building, Campus Box 1000, Chapel Hill, NC 27599-1000

North Carolina STATE

Durham COUNTY

I, Trevaughn B. Eubanks, a Notary Public for said County and State, do hereby certify that Richard L. Mann personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 1 day of September, 2010.



Trevaughn B. Eubanks
Notary Public

My commission expires Nov. 2, 2013.

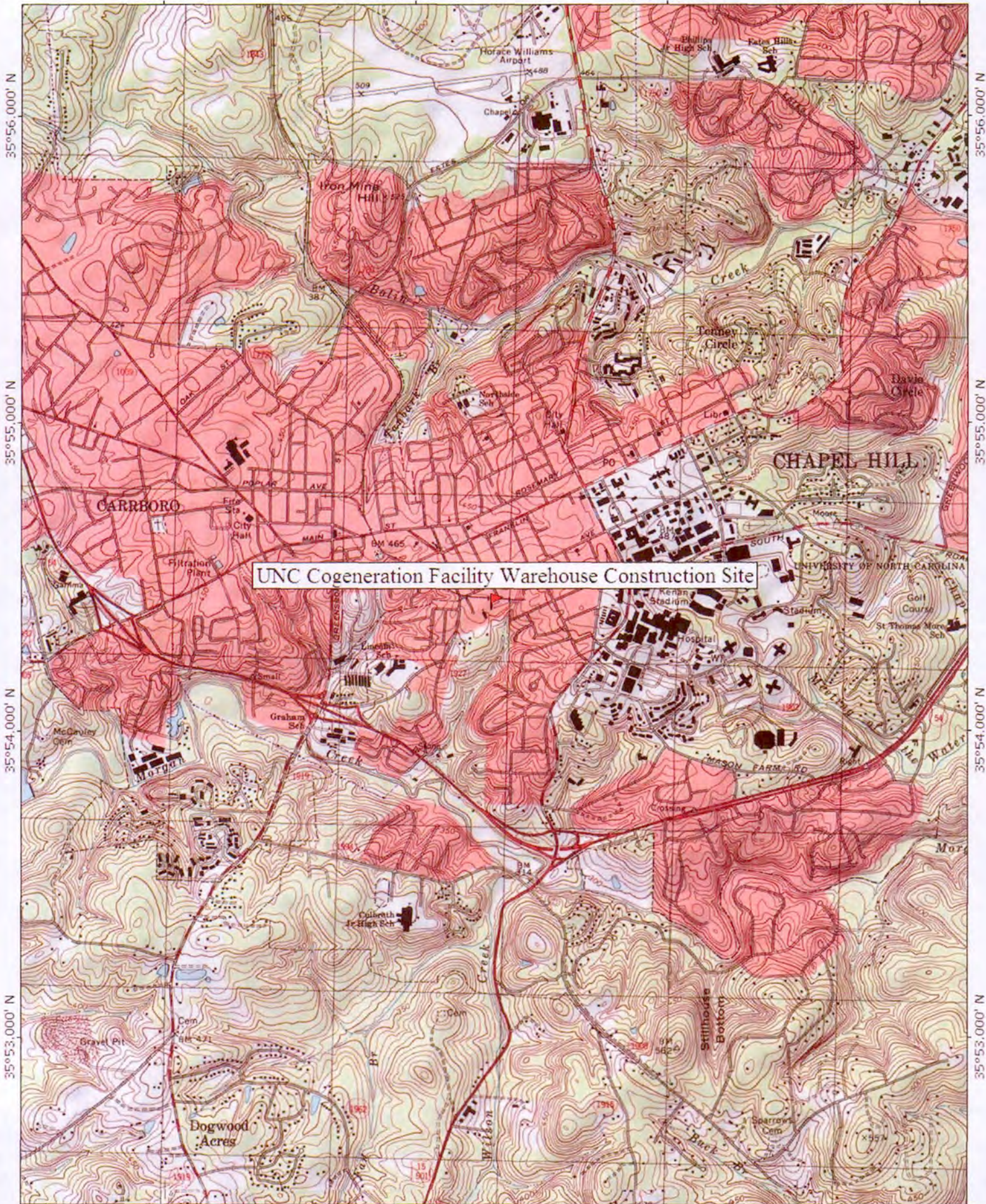
FIGURE 1: SITE LOCATION MAP - UNC Cogeneration Facility Warehouse Construction Site

79°05.000' W

79°04.000' W

79°03.000' W

WGS84 79°02.000' W



35°56.000' N

35°55.000' N

35°54.000' N

35°53.000' N

35°56.000' N

35°55.000' N

35°54.000' N

35°53.000' N

79°05.000' W

79°04.000' W

79°03.000' W

WGS84 79°02.000' W



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