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September 17, 2009

Mr. Bruce E. Lefler, Jr.
Hydrogeologist
NCDENR-Inactive Hazardous Sites Branch
Superfund Section
1646 Mail Service Center
Raleigh, North Carolina 27699

Re: *Duke and Gregson St. Dump (NONCD0000292)*
Task Order 41
Durham County, North Carolina
Contractor's Contract No. N06010S
MM&A Project No.: NCUL141

Dear Mr. Lefler:

Preliminary investigation of the referenced Site performed by Marshall Miller & Associate, Inc. (MM&A), on behalf of the North Carolina Department of Environment and Natural Resources (NCDENR) determined that the Site was the subject of the *Pollution Help Line Report* dated February 7, 1972, and filed at the NCDENR, Division of Solid Waste office in Raleigh, North Carolina. No evidence was obtained to indicate that the Site was ever used by any municipality for the disposal of household wastes. In accordance with the scope of work, based on these findings, no additional inquiry will be performed beyond what has been collected to-date. A summary of the site information accumulated during this investigation is included below.

During initial site investigation and file review conducted for Durham County, only a letter addressed to Mrs. M. L. Dillon from Sidney H. Usrey, Chief, Solid Waste & Vector Control Section, containing the above reference *Pollution Help Line Report*, was located (**Attachment A**). The Site was described as “a creek running between Duke + Gregson St., starting at 500

block of Gregson and running past the YMCA [*sic*].” Based on this description, the Site was determined to have been located in a portion of South Ellerbe Creek that extended from the intersection of Gregson Street (SR-1327) and Minerva Avenue to the northeast, crossing West Trinity Avenue and North Duke Street (SR-1445), then flowing past the former YMCA, which was located at 808 West Trinity Avenue and is currently owned by Duke University. However, South Ellerbe Creek is currently routed via an underground box culvert from south of the Site flowing beneath the Durham School of the Arts Magnet School athletic fields, under Minerva Avenue, beneath the Trinity Avenue Presbyterian Church, under West Trinity Avenue, then along the north side of West Trinity Avenue, and eventually draining to the natural creek bed on the east side of North Duke Street (**Attachment B**).

Personnel contacted in both the Durham City and Durham County engineering departments could not recall or locate any documentation of any debris having been removed during the installation of the box culvert. Local residents who were interviewed could not recall a dump in the vicinity. *Records of communication* are included as **Attachment C**.

Please let us know if you have any questions or comments.

Sincerely,

MARSHALL MILLER & ASSOCIATES, INC.



Jacob A. Hodges
Project Scientist



Lawrence M. George, P.G.
Program Manager

cc: File CLIENT/NCUL141

Attachments



ATTACHMENT A
Historical Correspondence



February 10, 1972

Mrs. M. L. Dillon
1005 Minervor Avenue
Durham, North Carolina 27701

JR
Dear Mrs. Dillon:

Your call to Pollution Help Line has been referred to this office for reply as solid waste disposal is a responsibility of this agency.

I am sending a copy of this letter to Mr. O. W. Strickland, Supervisor, Solid Waste Management, with the request that he investigate the problem of trash and debris being deposited in the creek along Duke and Grayson Street.

I hope that we can be of some assistance in alleviating this problem.

Very truly yours,

Sidney H. Usry, Chief
Solid Waste & Vector Control Section
Sanitary Engineering Division

SHU:bm

cc: Mr. O. W. Strickland
Mrs. Jackie Wall

POLLUTION HELP LINE REPORT

DEPARTMENT OF NATURAL AND ECONOMIC RESOURCES

DATE: 2-7- 19 72

TIME: _____ AM
PM

NAME OF CALLER: Mrs. M. L. Dillon

ADDRESS: 1005 Minerva Ave.
Street P. O. Box

Durham, N.C. 27701
City Zip

TELEPHONE NUMBER: 682-4119

POINT OF POLLUTION: _____

SOURCE OF POLLUTION: _____

1. NATURE OF CALL: Durham High School emitting black smoke from smoke stack.

2. A creek running between Duke & Ferguson St., starting at 500 block of Ferguson and running past the YMCA, is polluted from trash and debris which causes an offensive odor.

3. What restrictions have been placed on Duke Power Company regarding fumes from buses?

REPORT REFERRED TO: (143) Air Quality Div. & (2) Sanitary Engineering Div., State Board of Health

IMMEDIATE ACTION TAKEN: _____

SIGNED Juli Hall

ATTACHMENT B

Vicinity Map





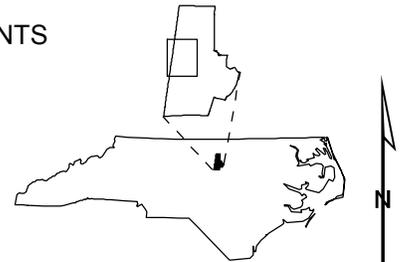
FIGURE 1

NC DENR/OLD UNLINED LANDFILL ASSESSMENTS
 DUKE AND GREGSON ST. DUMP
 NONCD0000292
 DURHAM, DURHAM COUNTY,
 NORTH CAROLINA

1 inch = 500 feet

VICINITY MAP

DURHAM COUNTY
 NORTHWEST DURHAM QUAD



NORTH CAROLINA
 QUADRANGLE LOCATION

Prepared by:



NCUL141 09/2009

SOURCE:
 - Durham County GoMaps Internet
 Mapping Service, 2005

ATTACHMENT C
Records of Communication



Communication Log

Landfill Name:	Duke and Gregson St. Dump	ID: NONCD0000292
Contact Name:	Shirley Violand-Jones	Phone: (919) 682-6995
Address:	1106 West Knox Street	
	<i>Street Address</i>	<i>Alternate Number</i>
	Durham	NC
	<i>City</i>	<i>State</i>
		27701
		<i>Zip Code</i>

Date	Time	Notes
06/23/2009	14:10	Spoke with Ms. Shirley Violand-Jones concerning the location of the Duke and Gregson Street Dump. Ms. Violand-Jones has lived in the vicinity since 1976 and has never heard of any kind of dumping. Ms. Violand-Jones said she would contact me if she hears of anything pertaining to an old dump. -MS

Owner of property:





Hurricane Recovery Act of 2005
State of North Carolina

Communication Log

Landfill Name:	Duke and Gregson St. Dump	ID:	NONCD0000292
Contact Name:	Mike Turner (Durham Co. Director of General Services)	Phone:	(919)560-0431
Address:	310 S. Dillard Street		(919)201-0822
	<i>Street Address</i>		<i>Alternate Number</i>
	Durham	NC	27701
	<i>City</i>	<i>State</i>	<i>Zip Code</i>

Date	Time	Notes
07/14/2009	9:00	Left Message for Mr. Turner Mr. Turner is not aware of any dump on Duke or Gregson Street near the Old YMCA

Owner of property:





Hurricane Recovery Act of 2005
State of North Carolina

Communication Log		
Landfill Name: Duke and Gregson St. Dump		ID: NONCD0000292
Contact Name: Durham County Engineering Dept.		Phone: (919) 560-0735
Address: 120 East Parrish Street		<i>Alternate Number</i>
<i>Street Address</i>		<i>Alternate Number</i>
Durham		NC
<i>City</i>		<i>State</i>
		27701
		<i>Zip Code</i>
Date	Time	Notes
09/03/2009	9:40	Receptionist stated that, since the culverted portion of South Ellerbe Creek lies within Durham City limits, MM&A should contact Durham city Engineering @ (919) 560-4326. She stated that she did not personally know of any dump on Duke and Gregson Streets. -JH

Owner of property:





Hurricane Recovery Act of 2005
State of North Carolina

Communication Log		
Landfill Name:	Duke and Gregson St. Dump	ID: NONCD0000292
Contact Name:	Durham City Engineering Dept.	Phone: (919) 560-4326
Address:	101 City Hall Plaza	
	<i>Street Address</i>	<i>Alternate Number</i>
	Durham	NC
	<i>City</i>	<i>State</i> <i>Zip Code</i>
Date	Time	Notes
09/03/2009	9:45	City Engineering Personnel indicated that Cliff Beasley may have information regarding the installation of the culvert, or he may know the appropriate person to whom to refer further inquiries. -JH Left message for Cliff Beasley. -JH
	12:00	"Paul" returned call. Paul suggested checking "Digital Durham" (digitaldurham.duke.edu) for information. After requesting some additional clarification for what type of information is sought, Paul stated that he would pass along the request and call back.
	13:15	Will Hughs, Public Works, returned call. Will stated that, according to maps he had seen from 1905, there used to be a pond where the athletic field is now and that was likely the headwaters for the culverted stream. Will stated that he had been unable to locate any documentation of a dump in the stream and suggested MM&A contact George Lock, Public Works, if additional historical maps are needed. Mr. Hughs directed MM&A to John Cox, Water Quality Manager, for questions concerning water quality - (919)-560-4326 ext 30212. -JH None of the personnel contacted at the Durham City Engineering department had any personal knowledge, anecdotal or otherwise, of a dump being located between Duke and Gregson Streets.

Owner of property:

