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May 12, 2010

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

**Re: *Warren County Landfill ■ No State ID Assigned***  
***Task Order 52B***  
***Warren County, North Carolina***  
***Contractor's Contract No. N06010S***  
***MM&A Project No.: NCUL152-02***

Dear Mr. Lefler:

Marshall Miller & Associates, Inc. (MM&A) performed preliminary investigation of the landfill site identified as the Warren County Landfill (No State ID Assigned) on behalf of the North Carolina Department of Environment and Natural Resources (NCDENR) Division of Waste Management, Inactive Hazardous Sites Branch, Superfund Section. The investigation determined that the referenced site continued to accept refuse into the 1990s under permit number 93-01 and was subsequently developed into a transfer station under permit number 93-02. Additionally, no cells were identified at the Site which are thought to have closed prior to 1983. Therefore, further investigation into the Warren County Landfill, hereinafter referred to as the Site, is not required. The following is a synopsis of the information collected to date.

The Site was identified by documents located as part of historical research associated with pre-regulatory landfills listed in Warren County. A letter of complaint from Mrs. A.C. Powell, dated June 13, 1977, regarding the state of the Site includes photographs of debris littering the ground adjacent to Baltimore Road, south of the City of Warrenton. As the date of this letter and subsequent correspondence indicated the Site was in operation prior to 1983, a pre-regulatory

site assessment was proposed, and research into the operational history of the Site began. Copies of the above correspondence, as well as additional historical documentation, are included as **Attachment A**.

Subsequent investigation into the history of the Site revealed that the Site had operated in a series of cells, as evidenced by figures associated with the Ground Water Monitoring Program currently conducted by Resolve Environmental Services, PLLC (**Attachment B**). Research was then conducted to determine if any of the earliest cells had been closed prior to January 1, 1983. Although several county officials were interviewed (**Attachment C**), no date could be established for the closure of the initial waste disposal cell. However, review of aerial photography indicates that this first cell was still operational in 1982. Due to the largely disturbed state of the initial cell in the 1982 photograph, it is not thought that this cell was completed prior to 1983. The 1982 aerial photograph is included as **Attachment D**.

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

Sincerely,

**MARSHALL MILLER & ASSOCIATES, INC.**



**Jacob Hodges**  
*Project Manager*



**Lawrence M. George, P.G.**  
*Program Manager*

cc: File NCDENR/NCUL152-02

Attachments



**ATTACHMENT A**  
*Historical Documentation*

Mrs. A. C. Powell  
523 Baltimore Road  
Warrenton, N. C. 27589

6-13-77

Dear Sir

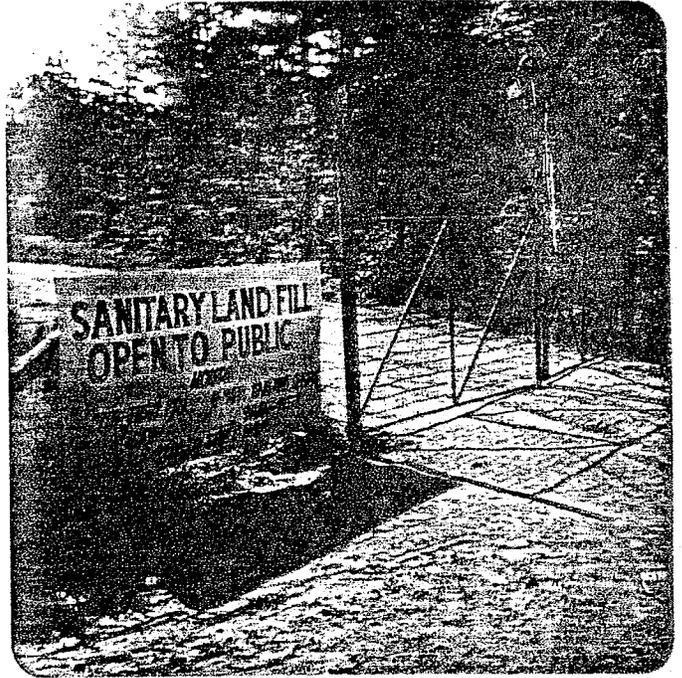
I am enclosing photos of the  
land fill that is approx. 150  
yards from my home, this  
land fill is located on the  
Baltimore Rd. in Warren Co.  
1 mile from the city limits  
of Warrenton, N. C. The odor  
at times is extremely bad  
now that the weather has  
gotten hot, insects and stray  
animals are a nuisance  
at times, it is had to have  
company on Sunday and  
have them exposed to this  
terrible sight, and help  
you can give me on  
this matter will be greatly  
appreciated.

Thanks

Mrs. A. C. Powell

if possible  
please re-  
turn photos

Pictures  
Returned



✓ Warren  
LTR

June 14, 1977

Mrs. A. C. Powell  
523 Baltimore Road  
Warrenton, NC 27589

Dear Mr. Powell:

By copy of this letter, we are requesting that Mr. Julian M. Foscue, III, District Sanitarian, investigate the conditions you described in your letter of June 13, 1977, concerning the sanitary landfill located near your home. Mr. Foscue will contact you at the time of his investigation.

If this office can be of further assistance, please let us know.

Sincerely,

Jerry C. Perkins, Head  
Solid Waste & Vector Control Branch  
Sanitary Engineering Section

bm

cc: Mr. Julian M. Foscue, III

DEPARTMENT OF HUMAN RESOURCES  
DIVISION OF HEALTH SERVICES  
SANITARY ENGINEERING SECTION

**REPORT OF INVESTIGATION OR INSPECTION OF** Solid Waste Complaint

Place visited Warren County Landfill Date June 23 1977

Address Warrenton, North Carolina 27589 Time spent 1 hour

By whom Mr. Julian M. Foscue, III, District Sanitarian, Division of Health Services

Persons contacted Mrs. A. C. Powell and Mr. Charles Hayes, County Manager  
(Owner, agent, tenant, manager, other)

Reason for visit Mrs. A. C. Powell's June 13, 1977 letter of complaint

**Copies to:**

Mrs. A. C. Powell, 523 Baltimore Road, Warrenton, North Carolina 27589  
Mr. Charles Hayes, Warren County Manager, Post Office Box 281, Warrenton, N.C. 27589

**REPORT:**

Investigation of Mrs. A. C. Powell's June 13, 1977 complaint to the Division of Health Services revealed the following:

1. Mrs. Powell is concerned about the dumpsters at the landfill gate. On weekends the containers are overfilled and solid waste is scattered on the ground.
2. Mrs. Powell indicated the sanitary landfill operation was not the cause of her complaint.
3. Mrs. Powell also indicated that the solid waste is removed on Monday morning.

**CONCLUSIONS:**

1. Conversation with Mr. Charles Hayes, County Manager, revealed that the landfill hours have been changed recently. The landfill is now open on Saturday afternoon. This should reduce the volume of waste in the containers on weekends.
2. Should the longer landfill hours not solve the problem, another container should be added. All containers should be emptied as late as possible on Saturday afternoon.

JMF/tg

*Warren*  
*LM*

November 16, 1977

Miss Carolyn A. Klyce, Health Director  
540 West Ridgeway Road  
Warrenton, North Carolina 27589

Dear Miss Klyce:

Mr. Tucker Daniels, District Sanitarian, Sanitation Branch, requested that I write you regarding the disposal of waste water treatment sludge.

I am enclosing a policy letter with reference to the disposal of digested sludge in a sanitary landfill.

The use of sludge on land has to be controlled very carefully due to the metals involved. It should never be used on land where food crops are grown.

If there are other questions, please let me know.

Sincerely,

O. W. Strickland, Supervisor  
Solid Waste Management Unit  
Solid Waste & Vector Control Branch  
Sanitary Engineering Section

OWS/was

cc: Mr. Julian M. Foscue III  
Enclosure

WARREN COUNTY HEALTH DEPARTMENT

CO-OPERATING WITH N. C. STATE BOARD OF HEALTH

WARRENTON, NORTH CAROLINA

November 21, 1977



Mr. L. E. Wooten & Company  
Consulting Engineers  
120 N. Boylan Avenue  
Raleigh, North Carolina 27602

Dear Sirs:

As per the guidelines developed by State of North Carolina (attached) the Warren County Health Department has no objection to the disposal of dried sludge in the Warren County Sanitary Landfill.

However, we have been advised by the State Sanitary Engineering Section (letter attached) that sludge should not be used on land where food crops are grown. Therefore, we cannot approve continuation of your current practice of giving dried sludge to farmers for use as fertilizer.

Sincerely yours,

Carolyn Klyce  
Health Director

ck/e

Attachments: Policy on Disposal of Sludge  
Letter of 11-16-77 from Mr. O. W. Strickland

cc: Mr. Charles Hayes, Warren County Manager  
Mr. O. W. Strickland

**ATTACHMENT B**  
*Excerpted Map from the First Semi-Annual  
2008 Ground Water Monitoring Report*



**ATTACHMENT C**  
*Records of Communication*



Senate Bill 1492  
State of North Carolina

Communication Log		
<b>Landfill Name:</b> Warren County Landfill		<b>ID:</b>
<b>Contact Name:</b>	Marshall Brothers, (Warren County Solid Waste Director)	<b>Phone:</b> (252) 257-3795
<b>Address:</b>	712 US Hwy 158 Business West	
	<i>Street Address</i>	<i>Alternate Number</i>
	Warrenton	NC
	<i>City</i>	<i>State</i> <i>Zip Code</i>
<b>Date</b>	<b>Time</b>	<b>Notes</b>
03/23/2010	10:15	Met with Mr. Marshall Brothers to discuss operational dates of the Warren County Landfill. Mr. Brothers stated that the landfill was closed and converted to a transfer station in 1993-1994. Mr. Brothers was not sure when the cell in question was closed but stated that the entire facility is monitored by Ms. Mary Whaley of NCDENR. -MS

Owner of property:





Senate Bill 1492  
State of North Carolina

<b>Communication Log</b>		
<b>Landfill Name:</b>	Warren County Landfill	<b>ID:</b>
<b>Contact Name:</b>	Mary Whaley (NCDENR)	<b>Phone:</b> (919) 693-5023
<b>Address:</b>	P.O. Box 59	
	<i>Street Address</i>	<i>Alternate Number</i>
	Oxford	NC 27565
	<i>City</i>	<i>State</i> <i>Zip Code</i>
Date	Time	Notes
03/23/2010	11:10	Spoke with Ms. Mary Whaley concerning operational dates of the cell in question at the Warren County Landfill. Ms. Whaley stated that she primarily monitors the others cells of the site but does inspect the cell in question for leachate and subsidence. She did not have any knowledge of when the cell in question would have been closed. She suggested speaking with Mr. Macon Robertson who is the head of Warren County Public Works. -MS

Owner of property:





Senate Bill 1492  
State of North Carolina

<b>Communication Log</b>		
<b>Landfill Name:</b>	Warren County Landfill	<b>ID:</b>
<b>Contact Name:</b>	Macon Robertson (Warren County Public Works Director)	<b>Phone:</b> (252) 257-3795
<b>Address:</b>	712 US Highway 158 Business West	
	<i>Street Address</i>	<i>Alternate Number</i>
	Warrenton	NC
	<i>City</i>	<i>State</i> <i>Zip Code</i>
<b>Date</b>	<b>Time</b>	<b>Notes</b>
03/23/2010	13:20	Mr. Robertson had no knowledge of operational dates of the cell in question at the Warren County Landfill, nor of anyone living that would. -MS

Owner of property:



**ATTACHMENT D**

*Aerial Photograph*

Warren County Soil and Water Conservation District, 1982





## AERIAL PHOTOGRAPH 1982

NCDENR/OLD UNLINED LANDFILL ASSESSMENTS  
 WARREN COUNTY LANDFILL  
 NO STATE ID ASSIGNED  
 WARRENTON, WARREN COUNTY,  
 NORTH CAROLINA

1 inch = 500 feet

**KEY**

 SITE BOUNDARY

Prepared by:



NCUL152-02 05/2010

SOURCE:  
 Warren County Soil and Water Conservation  
 District, Frame 37185 280-145

