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North Carolina Department of Environment and Natural Resources  
Division of Waste Management

Beverly Eaves Perdue  
Governor

Dexter R. Matthews  
Director

Dee Freeman  
Secretary

1/21/2010

Mr. David Dear  
Cleveland County Manager  
PO Box 1210  
Shelby, NC 28151

Subject: Pre-Regulatory Landfill Sites in Chowan County

Dear Mr. Dear:

The General Assembly of North Carolina enacted Senate Bill 1492 which created a program to assess the public health and environmental hazards at landfill and dump sites that operated prior to 1983 and to develop and implement remedial action plans at sites requiring remediation. The Pre-Regulatory Landfill Unit (Unit) was created in the Inactive Hazardous Sites Branch (IHSB) to oversee these activities. The purpose of this letter is to make you aware of the sites identified in your county and to provide general guidance of relevant state statutes.

Based on the information obtained by the Unit, the sites listed below tentatively qualify under Senate Bill 1492.

<u>ID Number</u>	<u>Site Name</u>	<u>Site Address</u>
NONCD0000241	Boiling Springs Dump	Clearwater Rd, Boiling Springs
NONCD0000250	Cherryville Dump	Thompson Dr, Cherryville
NONCD0000249	Patterson Springs Dump	Jetter Rd, Earl
NONCD0000238	Upper Cleveland Dump	Buck Haven Ct, Fallston
NONCD0000239	Kings Mountain Dump	Industrial Dr, Kings Mountain
NONCD0000675	Kings Mountain Landfill	200 Potts Creek Rd, Kings Mountain
NONCD0000803	Kings Mountain Landfill #2	North Cansler St, Kings Mountain.
NONCD0000236	E.Z. Sanitation Dump	Plato Lee Rd, Lattimore
NONCD0000237	Lattimore Dump	3847 Artee Rd, Lattimore
NONCD0000248	Polkville Dump	2606 W Stagecoach Trail, Polkville
NCD986176451	City of Shelby Landfill	Lee St, Shelby
NONCD0000699	City of Shelby Landfill – Stubbs	Airport Rd, Stubbs
NONCD0000243	Waco Dump	143 Stroup Rd, Waco

Work at these sites may be performed using the Unit's resources or through local government actions. The Unit has prioritized the sites statewide based on their threat to public health and the environment and

will perform assessments and implement remedial actions based on this priority. Local governments may opt to perform the work at any time under the guidance of the Unit. Reimbursement of local government costs may be available for assessments and remedial actions to abate an imminent hazard as funds are available. The conditions for reimbursement include approval of the assessment and remediation plan by the Unit and certified accounting of costs. A document, IHSB *Guidelines for Addressing Old Landfills & Dumps*, was developed to assist local governments and the Unit in this work. It is available on our web site, [http://wastenotnc.org/sfhome/IHSBRNCH\\_OldLandfills.HTM](http://wastenotnc.org/sfhome/IHSBRNCH_OldLandfills.HTM) , for your review.

An additional purpose in notifying you of these sites is to provide information to assist in your responsibilities in the permitting of private drinking water wells. The General Assembly enacted legislation which required local health departments to implement programs for the permitting, inspecting, and testing of private drinking water wells by July 1, 2008. State well construction standards in 15A NCAC 2C require a minimum horizontal separation of 500 feet between a water supply well and a landfill or disposal site. More precise location information for the sites in your county may be requested from the Unit.

If you are aware of additional sites, have additional information on the identified sites, or need further information, please contact me at (919) 508-8484.

Sincerely,



Aaron Shear, Hydrogeologist  
Pre-Regulatory Landfill Unit  
Inactive Hazardous Sites Branch  
Superfund Section

cc: Mr. Marty Allen – Cleveland County Health Supervisor II



## North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor  
William G. Ross Jr., Secretary

February 26, 2007

<SAL> <FIRST> <LAST>, County Manager  
County of <MUNICIPALITY>  
<ADDRESS>  
<TOWN>, North Carolina <ZIP>

Subject: Assessment, Cleanup, and Redevelopment of Old Landfill Sites Within Your Jurisdiction

Dear <SAL> <LAST>:

Governor Easley released his proposed budget February 22, 2007. Included in the budget is a specific item I believe should be of interest to you from a fiscal, environmental and public health protection perspective.

There are approximately 700 old landfills statewide and <LANDFILL#> old landfills in your local area that closed before the State permitting system became effective. These landfills are listed on the Old Landfill Sites portion of the Inactive Hazardous Sites Inventory maintained by the Superfund Section, Division of Waste Management. Any person, including local governments, that arranged for disposal or disposed of waste in the landfills may be held liable for the cleanup of the site. I have attached a report that identifies the location of known old landfill sites in <COUNTY NAME> County that may have closed prior to 1983 and thus qualify for the program described in this letter.

The Division has surveyed old landfills in 47 counties. The results of the survey indicate reason for concern about potential public health and safety impacts of these sites if they are not addressed. Seventy percent of the sites surveyed had a school, church, residence, day care or drinking water source within 1000 feet. The Division has found 102 old landfills that have a drinking water well within 500 feet. Thirteen of the landfills surveyed have residences built over the old landfill. The cost of assessment and cleanup of these old landfill sites can be as high as several million dollars.

Governor Easley's budget establishes a partnership between the State and local governments to both clean up the old landfill sites and provide funding for redevelopment of the sites. Many are in prime locations for redevelopment opportunities. The Governor's budget proposes to pay for cleanup and redevelopment of these sites through a surcharge on disposal of solid waste. The funding mechanism is a fair one. It is based on the idea that those who use solid waste disposal facilities should share responsibility for cleanup of sites used for solid waste disposal in the past that may have been lawful at the time, but did not meet standards that we now know are necessary to protect public health and safety.

The proposed \$2.00 per ton disposal surcharge would apply to residential, commercial, industrial, and construction and demolition debris type waste that is either disposed at a landfill or passes through a transfer station for disposal out-of-state. The State would use revenue from the surcharge to contract for cleanup of the old landfill sites and to provide grants to local government for redevelopment. The funds could also be used across the state to clean up other hazardous substance disposal sites that have no viable responsible party.

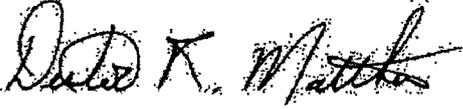
The only tool currently available to the State to ensure cleanup when it is needed is an enforcement action against those who owned, operated, or contributed to old landfills. The Governor's proposal would avoid placing an unreasonable

burden on any one local government and allow us to use our resources for actual cleanup rather than legal action. When old landfill sites were in use, North Carolina citizens, businesses, and industries benefited from their existence as a place to dispose of waste. The surcharge on waste disposal is a way for citizens, businesses, and industries to form a partnership for cleanup and redevelopment of these old landfill sites.

There is great interest this session of the General Assembly in strengthening requirements for landfills permitted in North Carolina. I encourage you to take a close look at legislation that will be introduced, specifically this initiative and what it can bring to your jurisdiction.

If you have questions regarding the program for clean-up of old landfills, please contact Jack Butler, Chief of the Superfund Section, at [jack.butler@ncmail.net](mailto:jack.butler@ncmail.net) or call (919)508-8450.

Sincerely,

A handwritten signature in black ink, appearing to read "Dexter R. Matthews". The signature is written in a cursive style with some loops and flourishes.

Dexter R. Matthews, Director

cc: David Thompson, NCACC  
Jack Butler, Chief – Superfund Section



## North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor  
William G. Ross Jr., Secretary

February 27, 2007

<SAL> <FIRST> <LAST>  
<TITLE>, <MUNICIPALITY>  
<ADDRESS>  
<TOWN>, North Carolina <ZIP>

Subject: Assessment, Cleanup, and Redevelopment of Old Landfill Sites Within Your Jurisdiction

Dear <SAL> <LAST>:

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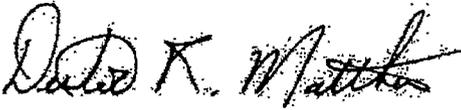
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burden on any one local government and allow us to use our resources for actual cleanup rather than legal action. When old landfill sites were in use, North Carolina citizens, businesses, and industries benefited from their existence as a place to dispose of waste. The surcharge on waste disposal is a way for citizens, businesses, and industries to form a partnership for cleanup and redevelopment of these old landfill sites.

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If you have questions regarding the program for clean-up of old landfills, please contact Jack Butler, Chief of the Superfund Section at [jack.butler@ncmail.net](mailto:jack.butler@ncmail.net) or (919) 508-8450.

Sincerely,

A handwritten signature in black ink, appearing to read "Dexter R. Matthews". The signature is written in a cursive, somewhat stylized font.

Dexter R. Matthews, Director

cc: Ellis Hankins, NCLM  
Jack Butler, Chief – Superfund Section



## North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor  
William G. Ross Jr., Secretary

January 31, 2005

Mr. Lane Alexander  
County Manager  
PO Box 1210  
Shelby, North Carolina 28151

Re: Request for Information on old unlined landfills, Cleveland County.

Dear Mr. Alexander,

The Division of Waste Management, Superfund Section, Inactive Hazardous Sites Branch (Branch) is in the process of cataloging old landfills in the state. This letter is being sent to you to solicit your cooperation in providing information on old unlined landfills that are not subject to Division of Waste Management, Solid Waste Section post-closure regulations in your county. This process is a part of a statewide effort to accurately inventory old dumpsites to aid in safe reuse and to protect public health and the environment.

Once an old landfill site has been identified, the site location, site usage, and vicinity usage is researched. Potential hazards to the public and the environment are then evaluated by risk assessment. Sites then are reviewed based on risk and/or by safe redevelopment requests.

The Branch then works with owners and responsible parties on final solutions for containment of the waste and to ensure safe reuse of the old landfill sites. Safe reuse might involve engineering controls to prevent exposure to wastes, if necessary, and restrictive covenants limiting the property to certain uses and setting conditions for construction or other soil disturbing activities. Annual reporting that restrictive covenants remain in place will be a duty of the current owner.

Known old landfills/dump sites are maintained in a database. Attached is a listing of known sites located in your county. Available information that may include location and years of operation information for each site is also listed. Please review the list and verify or provide information that will more accurately characterize the site(s). If you have knowledge of sites not included on the list, please add the additional sites along with location information, directions, years of operation, and any additional notable information.

Please return the list and any additional information within 90 days to:

Cheryl Marks  
Inactive Hazardous Sites Branch  
Superfund Section  
NC Division of Waste Management  
401 Oberlin Road - Suite 150  
Raleigh, NC 27605-1350

Or you may email me with your response at [Cheryl.Marks@ncmail.net](mailto:Cheryl.Marks@ncmail.net) or call with any questions concerning this request at (919) 733-2801, extension 283. Thank you for your cooperation.

Sincerely,

A handwritten signature in cursive script that reads "Cheryl Marks".

Cheryl Marks, Hydrogeologist  
Inactive Hazardous Site Branch  
NC Superfund Section

# Old Landfill Inventory - Location Information

Latitude/Longitude and other data in this report is highly subject to inaccuracies. State Plane coordinates replace latitude/longitude entries as data is collected. These coordinates may also be subject to error.

**COUNTY: CLEVELAND**

Site Name:	BOILING SPRINGS DUMP	In IHS Inventory?	No
ID Number:	NONCD0000241	Other Agency Lead	
Site Address:	OFF HOMESTEAD	NFA or NFA-Restricted Use?	No
City:	BOILING SPRINGS	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	.35.2646
State Plane Y:	Longitude:	-81.6996

Directions: OFF HOMESTEAD RD, 2 MI NW OF BOILING SPRINGS

LDFL Size (Acres):	35	Present Within 1000 ft of Ldfl		Residence On Ldfl?	No
Property Size (Acres):	37	Church	No	Potable Well Within 500 ft?	No
Date Open:	1966	School	No	Adjoins Perennial SW?	No
Date Closed:	1974	Day Care	No		
		Residential	No		

Notes:

(End Site Record)

Site Name:	CHERRYVILLE DUMP	In IHS Inventory?	No
ID Number:	NONCD0000250	Other Agency Lead	
Site Address:	SR 2008	NFA or NFA-Restricted Use?	No
City:	CHERRYVILLE	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.3333
State Plane Y:	Longitude:	-81.3876

Directions: SR 2008 OFF STONEY PT RD, 8 MI W OF CHERRYVILLE

LDFL Size (Acres):	90	<b>Present Within 1000 ft of Ldfl</b>			
Property Size (Acres):	90	Church	No	Residence On Ldfl?	No
Date Open:	1964	School	No	Potable Well Within 500 ft?	No
Date Closed:	1969	Day Care	No	Adjoins Perennial SW?	No
		Residential	No		

Notes:

*Gaston County*

(End Site Record)

Site Name:	CITY OF KINGS MTN.	In IHS Inventory?	No
ID Number:	NONCD0000244	Other Agency Lead	
Site Address:		NFA or NFA-Restricted Use?	No
City:	KINGS MOUNTAIN	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.2564
State Plane Y:	Longitude:	-81.4369

Directions:

LDFL Size (Acres):	Present Within 1000 ft of Ldfl		Residence On Ldfl?	No
	Property Size (Acres):	Church		
Date Open:	School	No	Adjoins Perennial SW?	No
Date Closed:	Day Care	No		
	Residential	No		

Notes: SITE SOURCE: ATKINSON SPREADSHEET. NOT ON OTHER LISTS

(End Site Record)

<b>Site Name:</b>	CITY OF SHELBY LDFL (STUBBS)	<b>In IHS Inventory?</b>	No
<b>ID Number:</b>	NONCD0000699	<b>Other Agency Lead</b>	
<b>Site Address:</b>	SR 1933	<b>NFA or NFA-Restricted Use?</b>	No
<b>City:</b>	STUBBS	<b>Unable to Locate</b>	<input type="radio"/>

<b>State Plane X:</b>		<b>Latitude:</b>	
<b>State Plane Y:</b>		<b>Longitude:</b>	

**Directions:** SR 1933 OFF HWY 180, NW OF STUBBS 2 MI

<b>LDFL Size (Acres):</b>	<b>Present Within 1000 ft of Ldfi</b>			
	<b>Church</b>	No	<b>Residence On Ldfi?</b>	No
	<b>School</b>	No	<b>Potable Well Within 500 ft?</b>	No
	<b>Day Care</b>	No	<b>Adjoins Perennial SW?</b>	No
	<b>Residential</b>	No		

**Notes:**

(End Site Record)

Site Name:	CITY OF SHELBY LF	In IHS Inventory?	Yes
ID Number:	NCD986176451	Other Agency Lead	DWQ
Site Address:	SR1305	NFA or NFA-Restricted Use?	No
City:	SHELBY	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.309
State Plane Y:	Longitude:	-81.5518

Directions: SR 1305, NOW SR 1861 (LEE ST), S OF TOWN OFF NC 226

LDFL Size (Acres):	40	Present Within 1000 ft of Ldfl		Residence On Ldfl?	No
Property Size (Acres):	40	Church	No	Potable Well Within 500 ft?	No
Date Open:	1958	School	No	Adjoins Perennial SW?	No
Date Closed:	1972	Day Care	No		
		Residential	No		

Notes: SAME AS City of Shelby Landfill on IHS inventory as a DWQ lead

(End Site Record)

Site Name:	E.Z. SANITATION DUMP	In IHS Inventory?	No
ID Number:	NONCD0000236	Other Agency Lead	
Site Address:	6 MI W OF HWY 74	NFA or NFA-Restricted Use?	No
City:	LATTIMORE	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.2985
State Plane Y:	Longitude:	-81.6252

Directions: 6 MI W OF SHELBY OFF HWY 74

LDFL Size (Acres):	2	<b>Present Within 1000 ft of Ldfl</b>		Residence On Ldfl?	No
Property Size (Acres):	3	Church	No	Potable Well Within 500 ft?	No
Date Open:	1967	School	No	Adjoins Perennial SW?	No
Date Closed:	1970	Day Care	No		
		Residential	No		

Notes:

(End Site Record)

Site Name:	ECHO SERVICE, INC.	In IHS Inventory?	No
ID Number:	NONCD0000245	Other Agency Lead	
Site Address:		NFA or NFA-Restricted Use?	No
City:	SHELBY	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.2494
State Plane Y:	Longitude:	-81.5695

Directions:

LDFL Size (Acres): Property Size (Acres): Date Open: Date Closed:	Present Within 1000 ft of Ldfl		Residence On Ldfl? No Potable Well Within 500 ft? No Adjoins Perennial SW? No
	Church	No	
	School	No	
	Day Care	No	
	Residential	No	

Notes: AKA JADCO, INC. SITE SOURCE: ATKINSON SPREADSHEET. NOT ON OTHER LISTS

(End Site Record)

<b>Site Name:</b>	KINGS MOUNTAIN LANDFILL	<b>In IHS Inventory?</b>	No
<b>ID Number:</b>	NONCD0000675	<b>Other Agency Lead</b>	
<b>Site Address:</b>	200 POTTS CREEK	<b>NFA or NFA-Restricted Use?</b>	No
<b>City:</b>	KINGS MOUNTAIN	<b>Unable to Locate</b>	<input type="radio"/>

<b>State Plane X:</b>		<b>Latitude:</b>	
<b>State Plane Y:</b>		<b>Longitude:</b>	

**Directions:** 200 POTTS CREEK RD, OFF HWY 74, NEAR PILOT CREEK WWTP SLUDGE MONOFILL

LDFL Size (Acres):	Present Within 1000 ft of Ldfl		Residence On Ldfl?	No
	Property Size (Acres): 11	Church		
Date Open:	School	No	Adjoins Perennial SW?	No
Date Closed:	Day Care	No		
	Residential	No		

**Notes:** LOCATED AT WWTP NEAR PERMITTED SLUDGE MONOFILL; CHLORINATED SOLVENTS DETECTED IN GW

(End Site Record)

Site Name:	KINGS MTN. DUMP	In IHS Inventory?	No
ID Number:	NONCD0000239	Other Agency Lead	
Site Address:	OFF YORK RD	NFA or NFA-Restricted Use?	No
City:	KINGS MOUNTAIN	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.1822
State Plane Y:	Longitude:	-81.3522

Directions: OFF YORK RD, S OF HWY 85

LDFL Size (Acres):	8	Present Within 1000 ft of Ldfl			
Property Size (Acres):	8	Church	No	Residence On Ldfl?	No
Date Open:	1958	School	No	Potable Well Within 500 ft?	No
Date Closed:	1974	Day Care	No	Adjoins Perennial SW?	No
		Residential	No		

Notes:

(End Site Record)

Site Name:	LATTIMORE DUMP	In IHS Inventory?	No
ID Number:	NONCD0000237	Other Agency Lead	
Site Address:	DOVER MILL RD	NFA or NFA-Restricted Use?	No
City:	LATTIMORE	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.3114
State Plane Y:	Longitude:	-81.6481

Directions: DOVER MILL RD (SR 1314), 1 MI E OF SHELBY

LDFL Size (Acres):	4	Present Within 1000 ft of Ldfi		Residence On Ldfi?	No
Property Size (Acres):	5	Church	No	Potable Well Within 500 ft?	No
Date Open:	1964	School	No	Adjoins Perennial SW?	No
Date Closed:	1970	Day Care	No		
		Residential	No		

Notes:

(End Site Record)

Site Name:	NORTH EARL DUMP	In IHS Inventory?	No
ID Number:	NONCD0000246	Other Agency Lead	
Site Address:	HWY 198	NFA or NFA-Restricted Use?	No
City:	EARL	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.2062
State Plane Y:	Longitude:	-81.5262

Directions: HWY 198, N OF EARL ON RT

LDFL Size (Acres):	Present Within 1000 ft of Ldfl		Residence On Ldfl?	No
	Property Size (Acres):	Church		
Date Open:	School	No	Adjoins Perennial SW?	No
Date Closed:	Day Care	No		
	Residential	No		

Notes:

(End Site Record)

Site Name:	OLD SHELBY LANDFILL	In IHS Inventory?	No
ID Number:	NONCD0000698	Other Agency Lead	
Site Address:	OFF LEE ST	NFA or NFA-Restricted Use?	No
City:	SHELBY	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:
State Plane Y:	Longitude:

Directions: 1 MI NW OF SHELBY OFF LEE ST

LDFL Size (Acres): Property Size (Acres): Date Open: Date Closed:	<b>Present Within 1000 ft of Ldfl</b>			
	Church	No	Residence On Ldfl?	No
	School	No	Potable Well Within 500 ft?	No
	Day Care	No	Adjoins Perennial SW?	No
	Residential	No		

Notes:

(End Site Record)

Site Name:	PATTERSON SPRINGS	In IHS Inventory?	No
ID Number:	NONCD0000249	Other Agency Lead	
Site Address:	SR 2212	NFA or NFA-Restricted Use?	No
City:	EARL	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.205
State Plane Y:	Longitude:	-81.5064

Directions: N OF SR 2212

LDFL Size (Acres):	Present Within 1000 ft of Ldfl		Residence On Ldfl?	No
	Property Size (Acres):	Church		
Date Open:	School	No	Adjoins Perennial SW?	No
Date Closed:	Day Care	No		
	Residential	No		

Notes:

(End Site Record)

Site Name:	PHILLIPS REFUSE DUMP	In IHS Inventory?	No
ID Number:	NONCD0000240	Other Agency Lead	
Site Address:	OFF HWY 226	NFA or NFA-Restricted Use?	No
City:	GROVER	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.2027
State Plane Y:	Longitude:	-81.4957

Directions: OFF HWY 226, 6 MIN OF GROVER

LDFL Size (Acres):	11	<b>Present Within 1000 ft of Ldfl</b>			
Property Size (Acres):	12	Church	No	Residence On Ldfl?	No
Date Open:	1964	School	No	Potable Well Within 500 ft?	No
Date Closed:	1973	Day Care	No	Adjoins Perennial SW?	No
		Residential	No		

Notes: HUGH PHILLIPS OPERATED

(End Site Record)

Site Name:	POLKVILLE DUMP	In IHS Inventory?	No
ID Number:	NONCD0000248	Other Agency Lead	
Site Address:	HWYS 182 AND 226	NFA or NFA-Restricted Use?	No
City:	POLKVILLE	Unable to Locate	<input type="radio"/>

State Plane X:		Latitude:	
State Plane Y:		Longitude:	-81.6525

Directions: W OF INTERSECTION OF HWYS 182 & 226

LDFL Size (Acres):  Property Size (Acres):  Date Open:  Date Closed:	Present Within 1000 ft of Ldfl			
	Church	No	Residence On Ldfl?	No
	School	No	Potable Well Within 500 ft?	No
	Day Care	No	Adjoins Perennial SW?	No
	Residential	No		

Notes:

(End Site Record)

Site Name:	SHELBY REFUSE DUMP	In IHS Inventory?	No
ID Number:	NONCD0000242	Other Agency Lead	
Site Address:	OFF LEE ST	NFA or NFA-Restricted Use?	No
City:	SHELBY	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.3307
State Plane Y:	Longitude:	-81.4858

Directions: OFF SR 1861 (LEE ST), 1 MI NW OF TOWN

LDFL Size (Acres):	Present Within 1000 ft of Ldfl		Residence On Ldfl?	No
	Property Size (Acres):	Church		
Date Open:	School	No	Adjoins Perennial SW?	No
Date Closed:	Day Care	No		
	Residential	No		

Notes: USED AS A PARK

(End Site Record)

Site Name:	SOUTH EARL DUMP	In IHS Inventory?	No
ID Number:	NONCD0000247	Other Agency Lead	
Site Address:	SR 2225	NFA or NFA-Restricted Use?	No
City:	EARL	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.1758
State Plane Y:	Longitude:	-81.5298

Directions: SR 2225, S OF EARL

	Present Within 1000 ft of Ldfl			
	LDFL Size (Acres):	Church	No	Residence On Ldfl?
Property Size (Acres):	School	No	Potable Well Within 500 ft?	No
Date Open:	Day Care	No	Adjoins Perennial SW?	No
Date Closed:	Residential	No		

Notes:

(End Site Record)

<b>Site Name:</b>	UPPER CLEVELAND DUMP	<b>In IHS Inventory?</b>	No
<b>ID Number:</b>	NONCD0000238	<b>Other Agency Lead</b>	
<b>Site Address:</b>	OFF HWY 18	<b>NFA or NFA-Restricted Use?</b>	No
<b>City:</b>	FALLSTON	<b>Unable to Locate</b>	<input type="radio"/>

<b>State Plane X:</b>	<b>Latitude:</b>	35.4456
<b>State Plane Y:</b>	<b>Longitude:</b>	-81.4957

**Directions:** OFF HWY 18, 1MI N OF FALLSTON

<b>LDFL Size (Acres):</b>	5	<b>Present Within 1000 ft of Ldfi</b>		<b>Residence On Ldfi?</b>	No
<b>Property Size (Acres):</b>	7	<b>Church</b>	No	<b>Potable Well Within 500 ft?</b>	No
<b>Date Open:</b>	1964	<b>School</b>	No	<b>Adjoins Perennial SW?</b>	No
<b>Date Closed:</b>	1974	<b>Day Care</b>	No		
		<b>Residential</b>	No		

**Notes:**

(End Site Record)

Site Name:	WACO DUMP	In IHS Inventory?	No
ID Number:	NONCD0000243	Other Agency Lead	
Site Address:	SR 1001	NFA or NFA-Restricted Use?	No
City:	WACO	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.3646
State Plane Y:	Longitude:	-81.4362

Directions: SR 1001, 1/2 MIN OF WACO

LDFL Size (Acres):  Property Size (Acres):  Date Open:  Date Closed:	Present Within 1000 ft of Ldfl		Residence On Ldfl? No  Potable Well Within 500 ft? No  Adjoins Perennial SW? No
	Church	No	
	School	No	
	Day Care	No	
	Residential	No	

Notes:

(End Site Record)

Number of Sites: 19 (End County Record)

# ALTURA

ENVIRONMENTAL

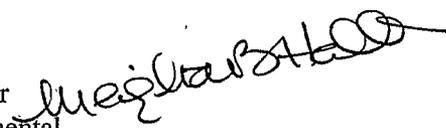
1300 SOUTH MINT STREET  
SUITE 150  
CHARLOTTE, NC 28203

704-358-0744 FAX: 704-358-8196

## MEMORANDUM

**DATE:** May 23, 2001

**TO:** John Walch, PE  
NC DENR

**FROM:** Meghan B Haller   
Altura Environmental

**RE:** Landfills List for Cleveland County

---

Please find enclosed herewith the final listing for landfills in Cleveland County and the diskette with the sites in Excel format. We have identified 23 sites in Cleveland County. However, I was only able to identify 4 new sites. The following details the difficulty I had in identifying sites in Cleveland County.

On May 10, 2001 I met with Sam Lockridge, the Coordinator of Health Services for Cleveland County, North Carolina. He was very apprehensive about giving me any information other than the current landfill. He did provide me with a list of City Mayors and their phone numbers and wished me the best of luck.

On May 15, 2001 I contacted James Beale, of the NC DENR in the Mooresville office and he was very supportive and suggested that he contact Mr. Lockridge himself. Upon contacting Mr. Lockridge, Mr. Beale received the same information. In addition, Sam Lockridge referred him to the county manager. James did not feel that was necessary.

I visited the County Library and contacted each city, very few could give me adequate information. Thus, we are only invoicing you for 4 sites.

If you have any questions, please do not hesitate to contact me.

# ALTURA

ENVIRONMENTAL

1300 SOUTH MINT STREET  
SUITE 150  
CHARLOTTE, NC 28203

704-358-0744 FAX: 704-358-8196

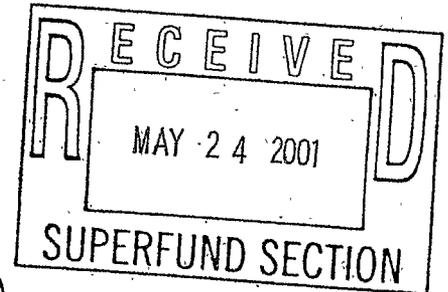
## MEMORANDUM

**DATE:** May 23, 2001

**TO:** John Walch, PE  
NC DENR

**FROM:** Rebecca Wallace-Aktas  
Altura Environmental *Rebecca Aktas*

**RE:** Landfill Lists for Cleveland, Henderson, and Polk Counties



---

Please find enclosed herewith the final listing for landfills in Cleveland, Henderson and Polk Counties and the diskettes with the sites in Excel format. We have identified only 4 sites in Cleveland County, given the difficulties encountered (as set forth in the attached memo). We prefer to confirm the site with at least two sources.

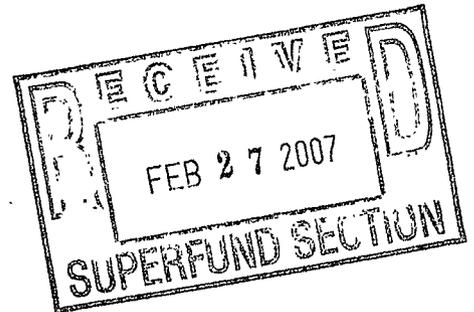
For Henderson County, we have identified 34 sites and for Polk County we have identified 14 sites.

Meanwhile, should you have any questions, please do not hesitate to contact me.

Altura Site #	Site Name	Permit #	ID #	Address	City	Landfill Size	Property Size	Open	Closed	Operator/Owner	I/HWS	Comments	Lat	Long	LCID	C&D	MSW
023-001	Abandoned Landfill				Kings Mountain							from Ground Water database incident #20118					
023-002	Boiling Springs Dump		NONCD0000241	Off Homestead Road, 2 miles North West of Boiling Springs	Boiling Springs	35 acres	37 acres	1966	1974				35.2646	81.6996			
023-003	Cherryville Dump		NONCD0000250	SR 2008 off Stoney Point Road, 8 miles West of Cherryville	Cherryville	90 acres	90 acres	1964	1969				35.3333	81.3876			
023-004	City of Kings Mountain		NONCD0000244		Kings Mountain								35.2564	81.4369			
023-005	City of Shelby Landfill		NCD986176451	SR1305, now SR 1861 (Lee Street), South of town off NC 226	Shelby	40 acres	40 acres	1958	1972		x		35.309	81.5518			
023-006	Cleveland County CDLF	2301		NC 180	Shelby					Sam Lockridge						x	
023-007	E Z Sanitation Dump		NONCD0000236	6 miles West of Shelby off Highway 74	Lattimore	2 acres	3 acres	1967	1970				35.2985	81.6252			
023-008	Echo Service, Inc.		NONCD0000245		Shelby								35.2494	81.5695			
023-009	Farris Road			111 Farris Road				before 1970		Jack & Emily Stewart		Household waste, burnt out trailer, etc in gully on property					
023-010	Kings Mountain Dump		NONCD0000239	Off York Road, South of Highway 85	Kings Mountain	8 acres	8 acres	1958	1974				35.1822	81.3522			
023-011	Kings Mountain Landfill		NONCD0000675	200 Potts Creek Road, off Highway 74, near Pilot Creek WWTP Sludge Monofill	Kings Mountain	11 acres	92 acres			Kings Mountain							
023-012	Lattimore Dump		NONCD0000237	Dover Mill Road (SR 1314), 1 mile East of Shelby	Lattimore	4 miles	5 miles	1964	1970				35.3114	81.6481			
023-013	Lawdale Landfill			West side of town	Lawndale			early 1920	~ 1976	Cleveland Mills							
023-014	North Earl Dump		NONCD0000246	Highway 198, North of Earl on right 1 mile North West of Shelby off Lee Street	Earl								35.2062	81.5262			
023-015	Old Shelby Landfill		NONCD0000698		Shelby												
023-016	Patterson Springs		NONCD0000249	North of SR 2212	Earl								35.205	81.5064			
023-017	Phillips Refuse Dump		NONCD0000240	Off Highway 226, 6 miles North of Grover	Grover	11 acres	12 acres	1964	1973				35.2027	81.4957			
023-018	Polkville Dump		NONCD0000248	West of Intersection of Highways 182 & 226	Polkville									81.6525			
023-019	Shelby Refuse Dump		NONCD0000242	Off SR 1861 (Lee Street), 1 mile North West of town									35.3307	81.4858			
023-020	South Earl Dump		NONCD0000247	SR 2225, South of Earl	Earl								35.1758	81.5298			
023-021	Town of Boiling Springs Landfill			NW of city limit near Sand Run Creek	Boiling Springs	3-4 acres	30 acres		1974	Town of Boiling Springs							
023-022	Upper Cleveland Dump		NONCD0000238	Off Highway 18, 1 mile North of Fallston	Fallston	5 acres	7 acres	1964	1974				35.4456	81.4957			
023-023	Waco Dump		NONCD0000243	SR 1001, 1/2 mile North of Waco	Waco								35.3646	81.4362			



February 26, 2007



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

**Re:** *City of Kings Mtn.*  
*State ID: NONCD00000244*  
*Task Order – 5*  
*Cleveland County, North Carolina*  
*Contractor's Contract No. N06010S*  
*MM&A Project No.: NCUL105*

Dear Mr. Lefler:

During the process of performing an assessment of the Old Landfill Site listed as City of Kings Mtn. (NONCD0000244), Marshall Miller & Associates, Inc. (MM&A) determined the Site to be a duplicate listing of the old landfill site listed as Kings Mountain Landfill (NONCD0000675). The latitude and longitude indicated on the City of Kings Mtn. Inventory Sheet correspond to the directions noted on the Kings Mountain Landfill Inventory Sheet. No evidence could be located to suggest the existence of two separate dump sites. Information regarding the Kings Mountain Landfill was submitted in the report for this Site dated December 12, 2006.

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

Sincerely,  
**MARSHALL MILLER & ASSOCIATES, INC.**

  
**Jacob A. Hodges**  
*Staff Scientist*

  
**Andrew D. Waggener**  
*Program Manager*

cc: File NCDENR/NCUL105  
Enclosures

5825 Triangle Drive / Raleigh, NC 27617 / Tel: (919) 786-1414 / Fax: (919) 786-1418  
Web Site – <http://www.mma1.com> • E-mail – [corp@mma1.com](mailto:corp@mma1.com)  
Branch Offices in Charleston, WV / Harrisburg, PA / Kansas City, KS / Kingsport, TN / Lexington, KY / Raleigh, NC / Richmond, VA



**FOOTE MINERAL COMPANY**

P.O. Box 792

Kings Mountain, North Carolina 28086

*Cleveland Co*  
*Cleveland*  
*Adm-UC*

July 11, 1979



Mr. J. Gordon Layton, Environmental Engineer  
Department of Human Resources  
Division of Health Services  
P. O. Box 2091  
Raleigh, NC 27602

Dear Mr. Layton:

This letter is to inform you of the current status of our solid waste landfill, which was constructed in 1978 upon approval of the solid waste and vector control branch.

The landfill continues to be maintained in accordance with the conditions set forth in your approval letter and with applicable provisions of the Solid Waste Management Rules.

The landfill was utilized in 1978 and again in April, 1979 to store solids from Peg 25. No other type of material has been placed in the landfill.

We estimate that the site will be adequate for continued use through 1980, at which time we will contact you regarding closure procedures and approval for a new site.

A chemical analysis, depicting heavy metal content, is attached. Inspection of the analysis will reveal generally lower amounts of these elements in the 1979 analysis, compared to 1978.

If we can provide further information or if you should have questions regarding any aspect of the landfill, please contact us.

Very truly yours,

*Hugh A. Lancaster*  
H. A. Lancaster  
Plant Engineer

HAL:gmh

Attachment

HEAVY METAL ANALYSIS OF LOW IRON PLANT EFFLUENT  
SOLUTION AND SOLIDS

<u>Solution</u>		
	<u>1979</u>	<u>1978</u>
Fe	<1 ppm	<1 ppm
Ba	<1 ppm	<1 ppm
Cr	<1 ppm	<1 ppm
Mn	<1 ppm	<1 ppm
Cd	<1 ppm	<1 ppm
Pd	<1 ppm	<1 ppm
As	0.066 ppm	0.1 ppm
Hg	0.15 ppm	0.002ppm
Be	<0.02 ppm	<0.01 ppm



<u>Solids</u>		
	<u>1979</u>	<u>1978</u>
Fe	2.83%	1.03%
Ba	26 ppm	58 ppm
Cr	11 ppm	43 ppm
Mn	0.174%	0.099 %
Cd	3 ppm	16 ppm
Pd	10 ppm	6 ppm
As	1.67 ppm	2.8 ppm
Hg	0.004ppm	0.04 ppm
Be	13 ppm	12 ppm

NOTE: Elements reported as "less than 1" (<1) were not detected and were below the detection limits of the analytical equipment utilized.

*Health Services*

*Cleveland*  
*JWVC*

June 21, 1979

Mr. L. T. Powell, Plant Manager  
PPG Industries, Inc.  
Route 4  
Shelby, North Carolina 28150

SUBJECT: Permit No. 5351  
PPG Industries, Inc.  
Waste Treatment Plant Sludge Landfill  
Shelby, North Carolina  
Cleveland County



Dear Mr. Powell:

In accordance with your application received April 15, 1978, we are forwarding herewith Permit No. 5351, dated June 21, 1979, to PPG Industries, Inc. for the construction and operation of the subject non-discharge type waste treatment facilities.

This permit shall be effective from the date of issuance until rescinded, and shall be subject to the conditions and limitations as specified therein.

If applicable, enclosed is a copy of WPC Form #50 "Cost of Wastewater Treatment Works." This form is to be completed and returned to this office within thirty (30) days after the project is completed.

Two sets of approved plans and specifications are being forwarded to you.

Sincerely yours,  
Original Signed by  
A. E. McRORIE

A. F. McRorie, Director  
Division of Environmental Management

Enclosures

cc: Cleveland County Health Department  
Mr. Jerry Perkins ✓  
Mr. Roy Davis  
Mr. A. C. Turnage, Jr.  
Information Services  
Asheville Regional Office Manager

NORTH CAROLINA

ENVIRONMENTAL MANAGEMENT COMMISSION

DEPARTMENT OF NATURAL RESOURCES & COMMUNITY DEVELOPMENT

RALEIGH

P E R M I T

For the Discharge of Sewage, Industrial Wastes, or Other Wastes

---

In accordance with the provisions of Article 21 of Chapter 143, General Statutes of North Carolina as amended, and other applicable Laws, Rules, and Regulations

PERMISSION IS HEREBY GRANTED TO

PPG Industries, Inc.  
Cleveland County

FOR THE

construction and operation of 4.5 acre wastewater treatment plant sludge landfill to treat approximately 7,000 GPD of sludge from the existing 0.75 MGD activated sludge wastewater treatment plant, such that there will be no discharge of sludge to the surface waters of the State,

pursuant to the application received April 15, 1978, and in conformity with the project plans, specifications, and other supporting data, subsequently filed and approved by the Department of Natural Resources and Community Development and considered a part of this Permit.

This Permit shall be effective from the date of issuance until rescinded, and shall be subject to the following specified conditions and limitations:

1. This Permit shall become voidable unless the facilities are constructed in accordance with the approved plans, specifications and other supporting data.
2. This Permit is effective only with respect to the nature and volume of wastes described in the application and other supporting data.
3. The sludge landfill shall be properly maintained and operated at all times.

4. This Permit is not transferable.
5. This Permit shall become voidable in the event of failure of the soil to adequately absorb the wastes, and may be rescinded unless the sludge landfill installed, maintained and operated in a manner which will protect the assigned water quality standards of the surface waters, and prevent any contamination of the ground waters which will render them unsatisfactory for normal use.
6. In event the facilities fail to perform satisfactorily, the Permittee shall take such immediate corrective action as may be required by this Department.
7. Monitoring wells shall be constructed and sampling schedules arranged as required by the Division of Environmental Management.
8. There shall be no disposal of sludge in inclement weather.
9. Adequate provisions shall be taken to prevent wind erosion from conveying pollutants from the sludge landfill site. Berms and proper seeding shall be provided to prevent surface water runoff.
10. A minimum distance of 5-feet shall be maintained between the bottom of the sludge landfill and the groundwater table.
11. A 2-foot final soil cover over each individual cell shall be provided.
12. The construction and operation of this landfill shall be in compliance with the requirements of the North Carolina Division of Health Services, Solid Waste and Vector Control Branch
13. The disposal of hazardous waste material at this site is prohibited.

Permit issued this the 21st day of June, 1979.

NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION

Original Signed by

A. F. McRORIE

---

A. F. McRorie, Director

Division of Environmental Management

By Authority of the Secretary of the Department  
of Natural Resources & Community Development

*Cleveland*  
*JWVC*

March 20, 1979

Mr. Paul D. Hughes, Executive Director  
Isothermal Planning and Development Commission  
P.O. Box 841  
Rutherfordton, NC 28139

Dear Mr. Hughes,

Your letter of March 15, 1979 in reference to the City of Shelby, addressed to Mr. Marshall Staton has been forwarded to me for reply.

This office has no objection to the requested changes in the milestones for the Shelby Project. The copy you presented will be made a part of the official record.

Sincerely,

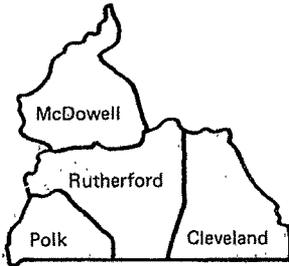
O.W. Strickland, Asst Head for Solid  
and Hazardous Waste Management  
Solid Waste & Vector Control Branch  
Sanitary Engineering Section

OWS:jk

cc: J.W. Moore, Jr.

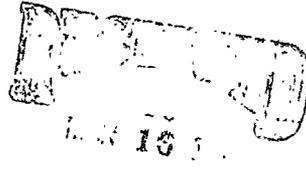
ISOTHERMAL  
PLANNING AND DEVELOPMENT COMMISSION

P. O. BOX 841  
RUTHERFORDTON, N. C. 28139  
287-2281



Executive Committee

Gladys Gibbs  
Hugh Dover  
Max Padgett  
I. K. Flack, Jr.  
Fred Placak  
Guy Rabb  
Bill Weaver

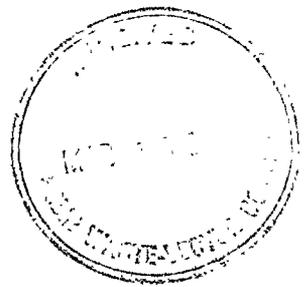


GLADYS GIBBS  
Chairman  
PAUL D. HUGHES  
Executive Director

SANITARY ENGINEERING SECTION

March 15, 1979

Mr. Marshall Staton, Section Chief  
N.C. Department of Human Resources  
Division of Health Services  
Solid Waste and Vector Control  
P.O. Box 2091  
Raleigh, North Carolina 27602

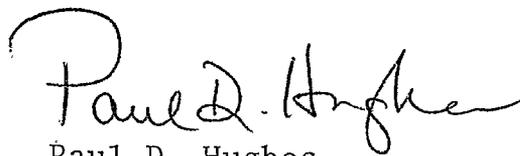


Dear Mr. Staton:

Our consultants who are preparing the Solid Waste Study for the City of Shelby have requested some changes in the project milestones. A copy of the request is attached.

We have no objections but will not give clearance until we get your approval.

Sincerely,

  
Paul D. Hughes  
Executive Director

PDH:mc

cc: J. Richard Davis  
Dave Wilkison

Attachment



BOARD *Cleveland*

*SW/C*  
William M. Wilson, Chairman  
William C. Moore, Jr., D.M.D., Vice-Chairman  
I. DeQuincey Newman, Secretary  
Leonard W. Douglas, M.D.  
George G. Graham, D.D.S.  
J. Lorin Mason, Jr., M.D.  
C. Maurice Patterson

# SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

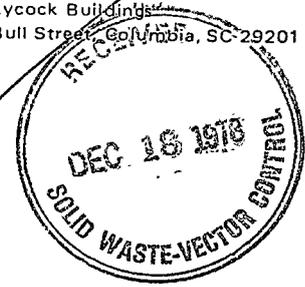
Albert G. Randall, M.D., M.P.H.  
Commissioner

Sims-Aycock Building  
2600 Bull Street, Columbia, SC 29201

December 14, 1978

Mr. Mike Lowery  
Fiber Industries, Inc.  
Post Office Box 87  
Shelby, North Carolina 28150

RE: Disposal of Glycol Receiver Solids at SCA Services, Inc.  
in Pinewood, South Carolina, Sumter County



Dear Mr. Lowery:

This office hereby grants approval for disposal of Glycol Receiver Solids at SCA Services. Approval is for approximately eighty-five (85) fifty-five (55) gallon drums per year.

Transport of this material must be in such a manner to prevent spillage or leakage and must comply with all State Public Service Commission and Department of Transportation regulations. It is the responsibility of Fiber Industries, Inc. and the hauler of the waste to ensure that adequate transportation vehicles are used.

The enclosed Manifest Form is to be used in conjunction with the disposal of this waste. Fiber Industries, Inc. must fill out completely the appropriate portion of the form and return the pink copy to this office upon shipment of the waste. The yellow and white copies shall be sent with the waste when transported to the disposal facility with the remainder of the form completed by indicated parties. The disposal facility shall verify the accuracy of the Manifest and return the yellow copy to this office. This Division retains the right to sample any waste going to this site to ensure compliance with the Manifest. Additional forms are available upon request.

Any changes in composition or volume of this waste, or if any problems are encountered during disposal, this authorization will be nullified. Disposal of this waste at other than the request facility will require prior written approval from this office.

Sincerely, -  
*Earl Williams*

Earl M. Williams, Jr., Manager  
Industrial Waste Section  
Solid Waste Management Division

EMW/JRU:db

cc: W. E. Stilwell  
Capers Dixon  
✓ Sidney H. Usry, North Carolina - Solid Waste

Enclosure



BOARD

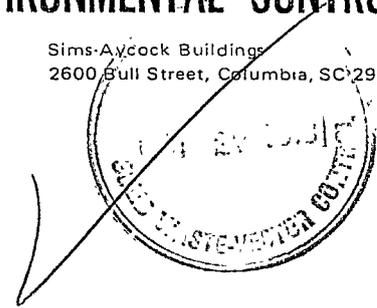
*Cleveland*  
*JWVC*  
William M. Wilson, Chairman  
William C. Moore, Jr., D.M.D., Vice-Chairman  
I. DeQuincey Newman, Secretary  
Leonard W. Douglas, M.D.  
George G. Graham, D.D.S.  
J. Lorin Mason, Jr., M.D.  
C. Maurice Patterson

## SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Albert G. Randall, M.D., M.P.H.  
Commissioner

Sims-Aycock Buildings  
2600 Bull Street, Columbia, SC 29201

24 October, 1978



Mr. R. Mike Lowery  
Fiber Industries, Inc.  
Post Office Box 87  
Shelby, North Carolina 28150

RE: Disposal of Waste at S.C. SCA SERVICES,  
INC. in Pinewood, S.C. - Sumter County

Dear Mr. Lowery:

This office hereby grants approval for disposal of thirteen 55 gallon drums per year of waste from ATG preparation and approval for one time disposal of twelve 55 gallon drums Code XF-905 Finish Oils. Approval is for disposal at the above referenced site.

Transport of this material must be in such a manner to prevent spillage or leakage and must comply with all State Public Service Commission and Department of Transportation regulations. It is the responsibility of Fiber Industries, Inc. and the hauler of the waste to ensure that adequate transportation vehicles are used.

The enclosed Manifest Form is to be used in conjunction with the disposal of this waste. Fiber Industries, Inc. must fill out, completely, the appropriate portion of the form and return the pink copy to this office upon shipment of the waste. The yellow and white copies shall be sent with the waste when transported to the disposal facility with the remainder of the form completed by indicated parties. The disposal facility shall verify the accuracy of the Manifest and return the yellow copy to this office. This Division retains the right to sample any waste going to this site to ensure compliance with the Manifest. Additional forms are available upon request.

Any changes in composition or volume of this waste, or if any problems are encountered during disposal, this authorization will be nullified. Disposal of this waste at other than the requested facility will require prior, written, approval from this office.

Sincerely,

*Earl Williams*

Earl M. Williams, Jr., Manager  
Industrial Waste Section  
Solid Waste Management Division

CC: ~~LS~~ Sidney H. Usry  
W. E. Stilwell  
Capers Dixon



BOARD

*Calvarius*  
William M. Wilson, Chairman  
William C. Moore, Jr., D.M.D., Vice-Chairman  
I. DeQuincey Newman, Secretary  
Leonard W. Douglas, M.D.  
George G. Graham, D.D.S.  
J. Lorin Mason, Jr., M.D.  
C. Maurice Patterson  
*Aut WC*

## SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Albert G. Randall, M.D., M.P.H.  
Commissioner

December 14, 1978

Sims-Aycock Buildings  
2600 Bull Street, Columbia, SC 29201

Mr. Robert G. Scharff  
Regulatory Liaison Coordinator  
Mineral Research and Development Corp.  
Rt. 3, Box 222  
Concord, North Carolina 28025



RE: Disposal of CAA Sludge into SCA Landfill, #IWP-145,  
Sumter County

Dear Mr. Scharff:

This office hereby gives approval for the above referenced waste to be disposed at South Carolina SCA Services, Inc. landfill near Rimini, South Carolina. This approval is as requested in Mr. Stilwell's letter of December 6, 1978. Approval is for one time disposal of 42,000 pounds of CAA sludge.

Transport of this material must be in such a manner to prevent spillage or leakage and must comply with all State Public Service Commission and Department of Transportation regulations. It is the responsibility of Mineral Research and Development Corp. and the hauler of the waste to ensure that adequate transportation vehicles are used.

The enclosed Manifest Form is to be used in conjunction with the disposal of this waste. Mineral Research and Development Corp. must fill out completely the appropriate portion of the form and return the pink copy to this office upon shipment of the waste. The yellow and white copies shall be sent with the waste when transported to the disposal facility with the remainder of the form completed by indicated parties. The disposal facility shall verify the accuracy of the Manifest and return the yellow copy to this office. This Division retains the right to sample any waste going to this site to ensure compliance with the Manifest. Additional forms are available upon request.

Any changes in composition or volume of this waste, or if any problems are encountered during disposal, this authorization will be nullified. Disposal of this waste at other than the request facility will require prior written approval from this office.

Sincerely,

*Earl Williams*

Earl M. Williams, Jr., Manager  
Industrial Waste Section  
Solid Waste Management Division

EMW/JRU:db

cc: W. E. Stilwell  
Capers Dixon  
✓Sidney Ursy, N. C. Solid Waste

Enclosure



BOARD

*Cleveland*  
*DWVC*  
William M. Wilson, Chairman  
William C. Moore, Jr., D.M.D., Vice-Chairman  
I. DeQuincey Newman, Secretary  
Leonard W. Douglas, M.D.  
George G. Graham, D.D.S.  
J. Lorin Mason, Jr., M.D.  
C. Maurice Patterson

## SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Albert G. Randall, M.D., M.P.H.  
Commissioner

Sims-Aycock Buildings  
2600 Bull Street, Columbia, SC 29201

13 December, 1978

Mr. Mike Lowery  
Fiber Industries, Inc.  
Post Office Box 87  
Shelby, North Carolina 28150

RE: Disposal of R-1 Glycol Solids at SCA Services, Inc.  
Pinewood, South Carolina - Sumter County

Dear Mr. Lowery:

This office hereby grants approval for disposal of R-1 Glycol Solids at SCA Services, Inc. Approval is for approximately seven (7) fifty-five (55) gallon drums per year.

Transport of this material must be in such a manner as to prevent spillage or leakage and must comply with all State Public Service Commission and Department of Transportation regulations. It is the responsibility of Fiber Industries, Inc. and the hauler of the waste to ensure that adequate transportation vehicles are used.

The enclosed Manifest Form is to be used in conjunction with the disposal of this waste. Fiber Industries, Inc. must fill out completely the appropriate portion of the form and return the pink copy to this office upon shipment of the waste. The yellow and white copies shall be sent with the waste when transported to the disposal facility with the remainder of the form completed by indicated parties. The disposal facility shall verify the accuracy of the Manifest and return the yellow copy to this office. This Division retains the right to sample any waste going to this site to ensure compliance with the Manifest. Additional forms are available upon request.

Any changes in composition or volume of this waste, or if any problems are encountered during disposal, this authorization will be nullified. Disposal of this waste at other than the request facility will require prior written approval from this office.

Sincerely,

*Earl M. Williams, Jr. (522)*

Earl M. Williams, Jr., Manager  
Industrial Waste Section  
Solid Waste Management Division

CC: W.E. Stilwell  
Capers Dixon  
Sidney H. Usry

EMW, JR./MAD





BOARD

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*JWC*  
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# SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Albert G. Randall, M.D., M.P.H.  
Commissioner

Sims-Aycock Buildings  
2600 Bull Street, Columbia, SC 29201

13 December, 1978

Mr. Mike Lowery  
Fiber Industries, Inc.  
Post Office Box 87  
Shelby, North Carolina 28150

RE: Disposal of Sealpot Solids at SCA Services in  
Pinewood, South Carolina - Sumter County

Dear Mr. Lowery:

This office hereby grants approval for the disposal of Sealpot Solids at SCA Services, Inc. Approval is for approximately forty-one (41) fifty-five (55) gallon drums per year.

Transport of this material must be in such a manner as to prevent spillage or leakage and must comply with all State Public Service Commission and Department of Transportation regulations. It is the responsibility of Fiber Industries, Inc. and the hauler of the waste to ensure that adequate transportation vehicles are used.

The enclosed Manifest Form is to be used in conjunction with the disposal of this waste. Fiber Industries, Inc. must fill out, completely the appropriate portion of the form and return the pink copy to this office upon shipment of the waste. The yellow and white copies shall be sent with the waste when transported to the disposal facility with the remainder of the form completed by indicated parties. The disposal facility shall verify the accuracy of the Manifest and return the yellow copy to this office. This Division retains the right to sample any waste going to this site to ensure compliance with the Manifest. Additional forms are available upon request.

Any changes in composition or volume of this waste, or if any problems are encountered during disposal, this authorization will be nullified. Disposal of this waste at other than the requested facility will require prior written approval from this office.

Sincerely,

*Earl M. Williams (E.S.S.)*

Earl M. Williams, Jr., Manager  
Industrial Waste Section  
Solid Waste Management Division

CC: W.E. Stilwell; Capers Dixon  
/ Sidney H. Usry

EMW, JR: MAD





BOARD

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## SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Albert G. Randall, M.D., M.P.H.  
Commissioner

Sims-Aycock Buildings  
2600 Bull Street, Columbia, SC 29201

13 December, 1978

Mr. Mike Lowery  
Fiber Industries, Inc.  
Post Office Box 87  
Shelby, North Carolina 28150

RE: Disposal of Code 55-Finish Oil at SCA Services, Inc.  
Pinewood, South Carolina, Sumter County



Dear Mr. Lowery:

This office hereby grants approval for the disposal of Code 55 - Finish Oils at SCA Services, Inc. Approval is for one time disposal of five (5) fifty-five (55) gallon drums.

Transport of this material must be in such a manner as to prevent spillage or leakage and must comply with all State Public Service Commission and Department of Transportation regulations. It is the responsibility of Fiber Industries, Inc. and the hauler of the waste to ensure that adequate transportation vehicles are used.

The enclosed Manifest Form is to be used in conjunction with the disposal of this waste. Fiber Industries, Inc. must fill out completely the appropriate portion of the form and return the pink copy to this office upon shipment of the waste. The yellow and white copies shall be sent with the waste when transported to the disposal facility with the remainder of the form completed by indicated parties. The disposal facility shall verify the accuracy of the Manifest and return the yellow copy to this office. This Division retains the right to sample any waste going to this site to ensure compliance with the Manifest. Additional forms are available upon request.

Any changes in composition or volume of this waste, or if any problems are encountered during disposal, this authorization will be nullified. Disposal of this waste at other than the request facility will require prior written approval from this office.

Sincerely,

*Earl M. Williams, Jr. (EMWJR)*

Earl M. Williams, Jr., Manager  
Industrial Waste Section  
Solid Waste Management Division

EMWJR:MAD

CC: W.E. Stilwell; Capers Dixon  
✓ Sidney H. Usry



BOARD

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# SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Albert G. Randall, M.D., M.P.H.  
Commissioner

Sims-Aycock Buildings  
2600 Bull Street, Columbia, SC 29201

December 13, 1978

Mr. Mike Lowery  
Fiber Industries, Inc.  
Post Office Box 87  
Shelby, North Carolina 28150



RE: Disposal of Code 115 - Finish Oils at SCA Services, Inc.  
in Pinewood, South Carolina - Sumter County

Dear Mr. Lowery:

This office hereby grants approval for the disposal of Code 115 - Finish Oils at SCA Services. Approval is for one time disposal of approximately eighteen (18) fifty-five (55) gallon drums.

Transport of this material must be in such a manner to prevent spillage or leakage and must comply with all State Public Service Commission and Department of Transportation regulations. It is the responsibility of Fiber Industries, Inc. and the hauler of the waste to ensure that adequate transportation vehicles are used.

The enclosed Manifest Form is to be used in conjunction with the disposal of this waste. Fiber Industries, Inc. must fill out completely the appropriate portion of the form and return the pink copy to this office upon shipment of the waste. The yellow and white copies shall be sent with the waste when transported to the disposal facility with the remainder of the form completed by indicated parties. The disposal facility shall verify the accuracy of the Manifest and return the yellow copy to this office. This Division retains the right to sample any waste going to this site to ensure compliance with the Manifest. Additional forms are available upon request.

Mr. Mike Lowery  
Page 2  
December 13, 1978

Any changes in composition or volume of this waste, or if any problems are encountered during disposal, this authorization will be nullified. Disposal of this waste at other than the request facility will require prior written approval from this office.

Sincerely,

*Earl M. Williams (E. 2/19)*

Earl M. Williams, Jr., Manager  
Industrial Waste Section  
Solid Waste Management Division

EMW:JRU:db

cc: W. E. Stilwell  
Capers Dixon  
-Sidney H. Usry, North Carolina - Solid Waste

Enclosure

DIVISION OF ENVIRONMENTAL MANAGEMENT

June 8, 1978

The Honorable John Henry Moss, Mayor  
City of Kings Mountain  
Box 429  
Kings Mountain, North Carolina 28086

SUBJECT: Permit No. 4824  
City of Kings Mountain  
T. J. Ellison Water Treatment Plant  
Sludge Facilities  
Cleveland County

Dear Mayor Moss:

*JTB*

In accordance with your application received April 20, 1978, we are forwarding herewith Permit No. 4824, dated June 8, 1978, to the City of Kings Mountain, for the construction of a 0.19 MGD waste sludge treatment facility to serve the T. J. Ellison Water Treatment Plant and to consist of approximately 140 lineal feet of 8 and 24-inch gravity sewer, approximately 965 lineal feet of 4, 6 and 8-inch force main, a 245,000 gallon sludge holding tank, dual 150 GPM pumps, dual 100 GPM sludge pumps, and three 200 square foot wedge-wire filters, so there is not any discharge to the surface waters of this State. Prior to placing the above described facilities in operation, the method of ultimate waste sludge disposal must be approved by the Division of Environmental Management.

This permit shall be effective from the date of its issuance until rescinded, and shall be subject to the conditions and limitations as specified therein.

This is a Class I Wastewater Treatment Plant which requires that the operator in responsible charge have a valid Grade I Certificate.

Two (2) sets of approved plans and specifications are being returned to you.

Sincerely yours,

*James A. McRorie*  
A. F. McRorie  
Acting Director

Enclosures

cc: Cleveland County Health Department  
W. K. Dickson & Company, Inc.  
Mr. Roy Davis  
Mr. W. S. Hoffman  
Division of Health Services  
Planning and Management Section

## ENVIRONMENTAL MANAGEMENT COMMISSION

DEPARTMENT OF NATURAL RESOURCES AND COMMUNITY DEVELOPMENT

Raleigh

## PERMIT

For the Discharge of Sewage, Industrial Wastes, or Other Wastes

In accordance with the provisions of Article 21 of Chapter 143, General Statutes of North Carolina as amended, and other applicable Laws, Rules and Regulations

PERMISSION IS HEREBY GRANTED TO

City of Kings Mountain  
T. J. Ellison Water Treatment Plant  
Sludge Facilities  
Cleveland County  
FOR THE

construction of a 0.19 MGD waste sludge treatment facility to serve the T. J. Ellison Water Treatment Plant and to consist of approximately 140 lineal feet of 8 and 24-inch gravity sewer, approximately 965 lineal feet of 4, 6 and 8-inch force main, a 245,000 gallon sludge holding tank, dual 150 GPM pumps, dual 100 GPM sludge pumps, and three 200 square foot wedge-wire filters, so there is not any discharge to the surface waters of this State. Prior to placing the above described facilities in operation, the method of ultimate waste sludge disposal must be approved by the Division of Environmental Management, pursuant to the application received April 20, 1978, and in conformity with the project plans, specifications, and other supporting data, subsequently filed and approved by the Department of Natural Resources and Community Development and considered a part of this Permit.

This Permit shall be effective from the date of issuance until rescinded, 19   , and shall be subject to the following specified conditions and limitations:

1. This permit shall become voidable unless the facilities are constructed in accordance with the approved plans, specifications and other supporting data.
2. This permit is effective only with respect to the nature and volume of wastes described in the application and other supporting data.
3. The facilities shall be properly maintained at all times, as a closed system without any discharge to the surface waters of this State.
4. Sedimentation and flocculation basins shall not be discharged simultaneously with the backwash filters.

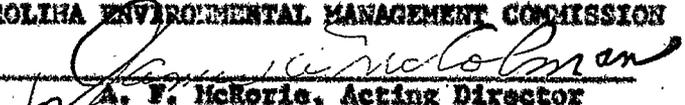
City of Kings Mountain  
T. J. Ellison Water Treatment Plant  
Sludge Facilities  
Cleveland County

5. The ultimate sludge disposal method shall be approved by this office prior to operation.
6. The following construction schedule shall be adhered to:
  - A. Contracts shall be let by July 1, 1978.
  - B. Begin construction by October 1, 1978.
  - C. Construction complete by July 1, 1979.
7. This is a Class I Wastewater Treatment Plant which requires that the operator in responsible charge to hold a valid Grade I Certificate.

Permit issued this the 5TH day of JUNE, 1978.

NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION

By

  
A. F. McEerie, Acting Director

Division of Environmental Management  
By Authority of the Secretary of the

Department of Natural Resources and Community Development

PERMIT NO. 4824

March 30, 1978

Mr. M. W. Misenheimer  
Foote Mineral Company  
Post Office Box 792  
Kings Mountain, North Carolina 28086

RE: Foote Mineral Disposal Site, I-85  
Cleveland County

Dear Mr. Misenheimer:

*JR*

I have reviewed the information submitted for the disposal of the waste from PEG 25. Enclosed is a copy of approved plans with the following conditions:

1. This is a trial basis, as we discussed, and waste should be confined to the limits as shown on plans.
2. If this method of disposal becomes desirable in the future, a new site should be planned in more detail.
3. Two feet of cover and seeding should be made within thirty days of final disposal of waste.
4. Only the waste material from PEG 25 should be placed in the disposal area.
5. This office should be notified when operations begin and upon completion of the disposal site.

If you have any questions and if I can be of further assistance, please call.

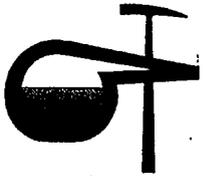
Sincerely,

J. Gordon Layton, Environmental Engineer  
Solid Waste & Vector Control Branch  
Sanitary Engineering Section

JGL/wss

cc: Mr. J. W. Moore, Jr.  
Mr. O. W. Strickland  
Mr. Jim Simons

Enclosure



# FOOTE MINERAL COMPANY

P.O. Box 792

Kings Mountain, North Carolina 28086

March 28, 1978

Mr. Gordon Layton  
Department of Human Resources  
Post Office Box 2091  
Raleigh, North Carolina 27602

Re: Foote Mineral Disposal  
Site, Cleveland County



Dear Mr. Layton:

Attached is the information that you requested in regard to approval for our waste disposal site. Per our telephone conversation this date, we understand that the information you requested under Article 1 of your letter of March 17, 1978, is not necessary at this time since the disposal site is on our property and is only a temporary site.

Provisions will be made during the dam construction to prevent and control erosion of the area. The hill adjacent to the disposal site will be ditched so that rain "run-off" will be routed around the disposal area.

Provisions will also be made after the project completion to backfill the disposal area with approximately two (2) feet of top soil and hydroseed the disposal area.

If there are any questions regarding the information submitted, please call. We look forward to your approval of this project.

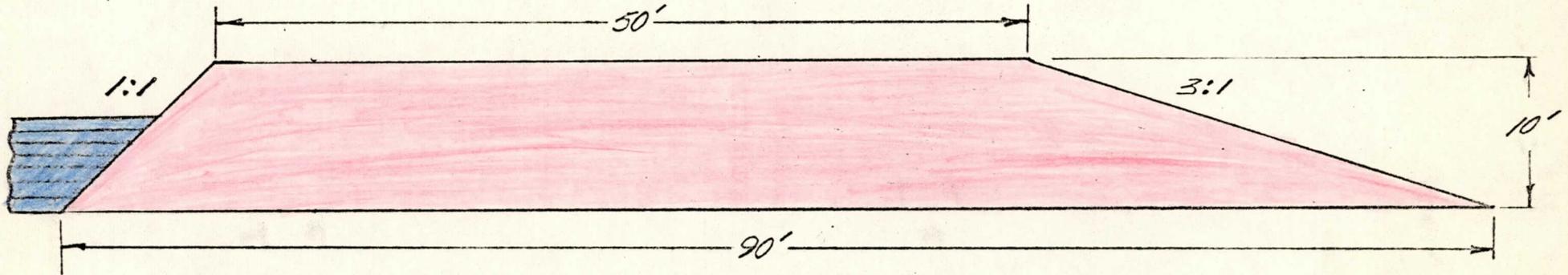
*M. W. Misenheimer*  
M. W. Misenheimer  
Plant Engineer (Mine & Mill)

MMW:gmh

Attachment

1876 *Our 100th Anniversary* 1976

EXHIBIT I



Dam: Material moderately to highly weathered waste from mine approximately 630,000 ft.<sup>3</sup> waste or 54,000 tons. 1) Perhaps hard waste core covered by soft waste.

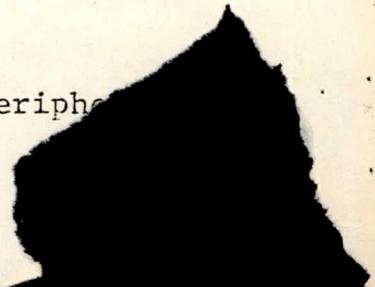
- 1) Gravel Road on Top of dam and around base covered with fines (8"-12" coarse, 6" fines).
- 2) Culvert or pipe system (similar to mill tailings area) to decant excess water.
- 3) Seeding of outside slopes to prevent erosion and slump.

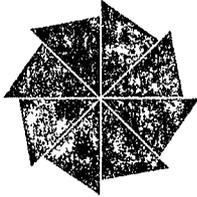
50' Road on top of dam to allow dumping completely around periphery of disposal area.

Approved by

Department of Human Resources  
Division of Health Services  
Sanitary Engineering Section

By \_\_\_\_\_  
Date \_\_\_\_\_





North Carolina Department of Natural  
Resources & Community Development

James B. Hunt, Jr., Governor

Howard N. Lee, Secretary

March 16, 1978



Mr. D. F. Van Dyk  
Foote Mineral Co.  
P. O. Box 792  
Kings Mountain, NC 28086

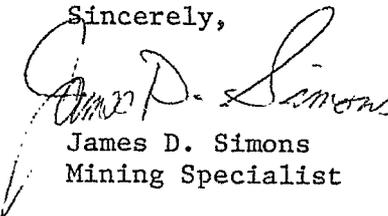
Dear Mr. Van Dyk:

Following my inspection of your mine and proposed tailings disposal site on March 9, 1978, I submitted the tailings analysis and general comments to Gordon Layton, Solid Waste and Vector Control Branch, Department of Human Resources for review.

This tailings disposal does fall within the jurisdiction of the Solid Waste and Vector Control Branch. I have talked with their office today concerning this disposal and have learned that some additional information will be needed before approval can be granted. The Solid Waste and Vector Control Branch will be responsible for the approval and Mr. Layton will be contacting you shortly.

Please contact me if I can be of further assistance.

Sincerely,

  
James D. Simons  
Mining Specialist

JDS:chl

cc: Mr. Gordon Layton

file - Cite Land Co.

March 10, 1978



MEMORANDUM

TO: Gordon Layton, Health Services  
FROM: Jim Simons, Land Quality Section *JS*  
SUBJECT: Foote Minerals Co. Tailings Disposal

I inspected the proposed tailings disposal site on March 9, 1978 with Dean Vqn Dyk. The proposed disposal site was several hundred feet from the nearest creek, Kings Creek and drainage from the proposed disposal site would go into Kings Creek upstream from an existing Foote Mineral water quality sampling weir on the creek.

Attached are chemical analysis of the tailings to be disposed. The tailings consist primarily of very fine sand (approximate no. 200 seive) size.

I would appreciate your reviewing the analysis so that we can discuss the proposed disposal next week (March 13-17).

JS:sj

Attachments

The following information is for Peg #25 mud that we sampled at the dumping site.

$$\text{Permeability} = 2.37 \times 10^{-3} \frac{\text{cm}}{\text{sec}} \pm 0.37 \times 10^{-3} \quad (\text{n-10})$$

Drying at 98° C indicated 48.5% water

Redrying at 150° C indicates 0.86% water ✓

pH in mud - 11.0

Assays of mud -	Li <sub>2</sub> O	6.52%
	Fe <sub>2</sub> O <sub>3</sub>	1.14%
	Ca	1.15%
	SO <sub>4</sub>	0.33%
	Cl <sup>-</sup>	0.45%

*I assume dry weight bases for calculation*

Assuming 7.5% crystal Li<sub>2</sub>O in spodumene, the mud is composed of:

Spodumene	86.80%
Fe(OH) <sub>3</sub>	1.53%
Ca(OH) <sub>2</sub>	1.44%
CaSO <sub>4</sub> · 2H <sub>2</sub> O	0.53%
	<u>90.30%</u>
Other	<u>9.70%</u>
	100.00%

M E M O

March 6, 1978

TO: D. F. Van Dyk  
CC: W. E. Cooke  
W. E. Fanus  
G. B. Kneass  
FROM: P. M. Brown  
SUBJECT: Analysis of Peg 25 Wastes

As you requested, we have completed analysis on the heavy metals in Peg 25 water slurry. The solution and solids analyzed as follows:

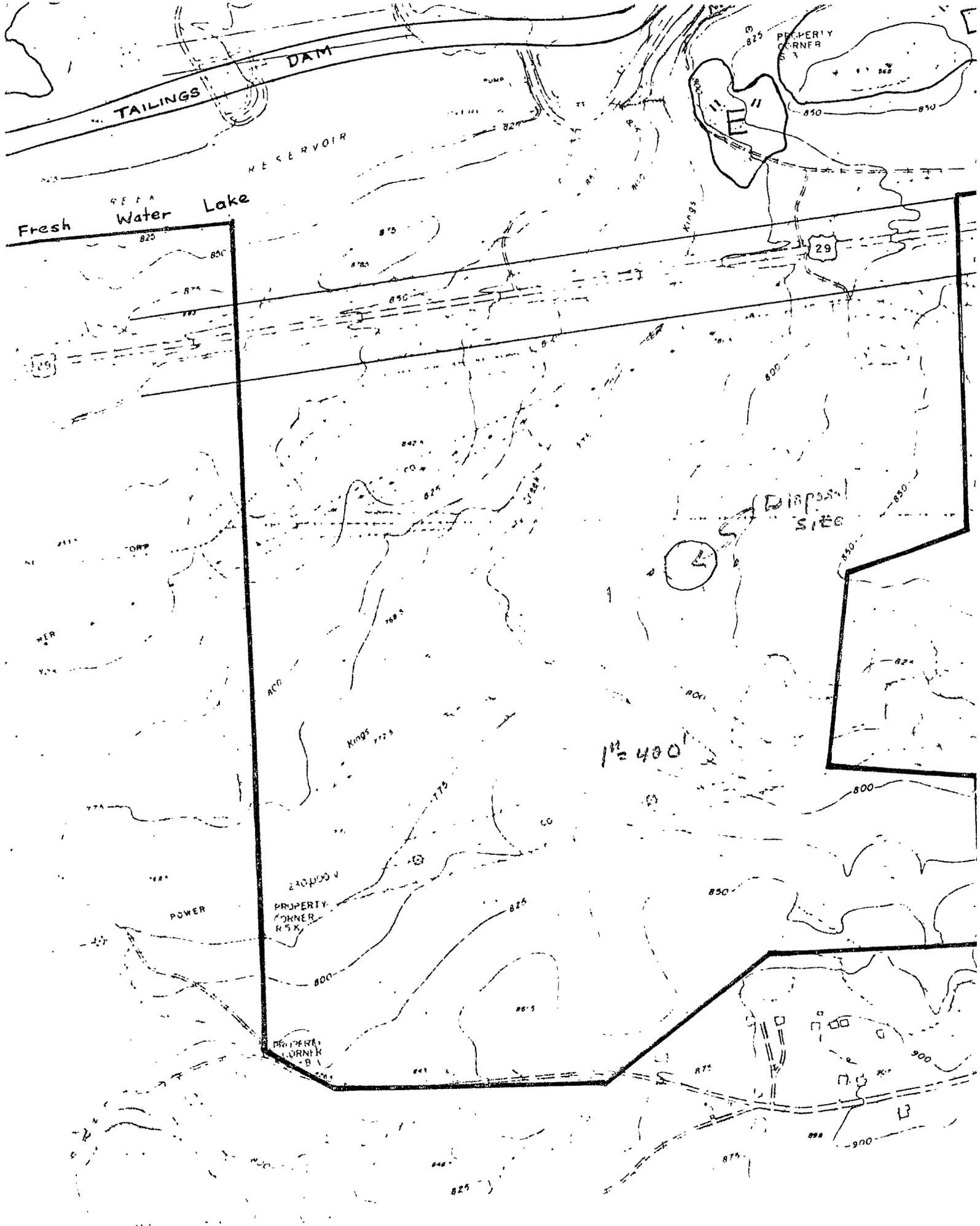
Peg 25 Slurry

<u>Chemical Species</u>	<u>Solution</u>	<u>Solids</u>
Fe	<1 ppm	1.03%
Ba	<1 ppm	58 ppm ✓
Cr	<1 ppm	43 ppm ✓
Mn	<1 ppm	0.099%
Cd	<1 ppm	16 ppm ✓
Pb	<1 ppm	6 ppm ✓
As	0.1 ppm	2.8 ppm ✓
Hg	0.002 ppm	0.04 ppm ✓
Be	<0.01 ppm	12 ppm ✓

As noted by the analyses, all of the heavy metals appear to be virtually insoluble in the aqueous fraction.

If we can provide any further information, please contact me.

*Pat Brown*  
P. M. Brown





STATE OF NORTH CAROLINA

DEPARTMENT OF HUMAN RESOURCES

Division of Health Services

WESTERN REGIONAL OFFICE  
WESTERN NORTH CAROLINA SANITORIUM  
BUILDING 3  
BLACK MOUNTAIN, N.C. 28711

JAMES B. HUNT, JR.  
GOVERNOR

JACOB KOOMEN, M.D., M.P.H.  
DIRECTOR

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



MEMORANDUM

TO: O. W. Strickland, Supervisor  
Solid Waste Management Unit  
Division of Health Services

J. R. Hendrick, County Manager  
Cleveland County

Robbie Camper, Sanitarian Supervisor  
Cleveland County Health Dept.

Jack Williams, Manager  
Cleveland Container Service

FROM: *J. Moore*  
J. W. Moore, Jr., District Sanitarian  
Solid Waste and Vector Control Branch  
Western Regional Office

SUBJECT: ~~Cleveland County~~ Solid Waste Container Program  
*JWVC*

DATE: February 8, 1978

Cleveland County contracts with Cleveland Container Service, Inc. the operation of a forty (40) cubic yard container program to meet the solid waste disposal needs of its citizens. The County is responsible for securing and maintaining the sites on which the containers are placed. Cleveland Container Service is paid on a per pick-up basis, a fee for which they are responsible for supplying the container, maintaining the container, supplying the trucks for pick-up of the container, hauling and emptying the container and policing of debris found outside and around the container. There are presently ten container sites throughout the County, including one site at the County landfill.

Routine inspections of these sites are carried out by the Cleveland County Health Department and this agency. The latest of these inspections was conducted on February 2, 1978 by Mr. Robbie Camper and myself. We inspected five of the ten sites. All these sites were in reasonably good condition with the following problems noted.

The container at the Swainsville site, on Hwy. #74 West needs some painting.

Mr. O. W. Strickland  
February 8, 1978  
Page 2

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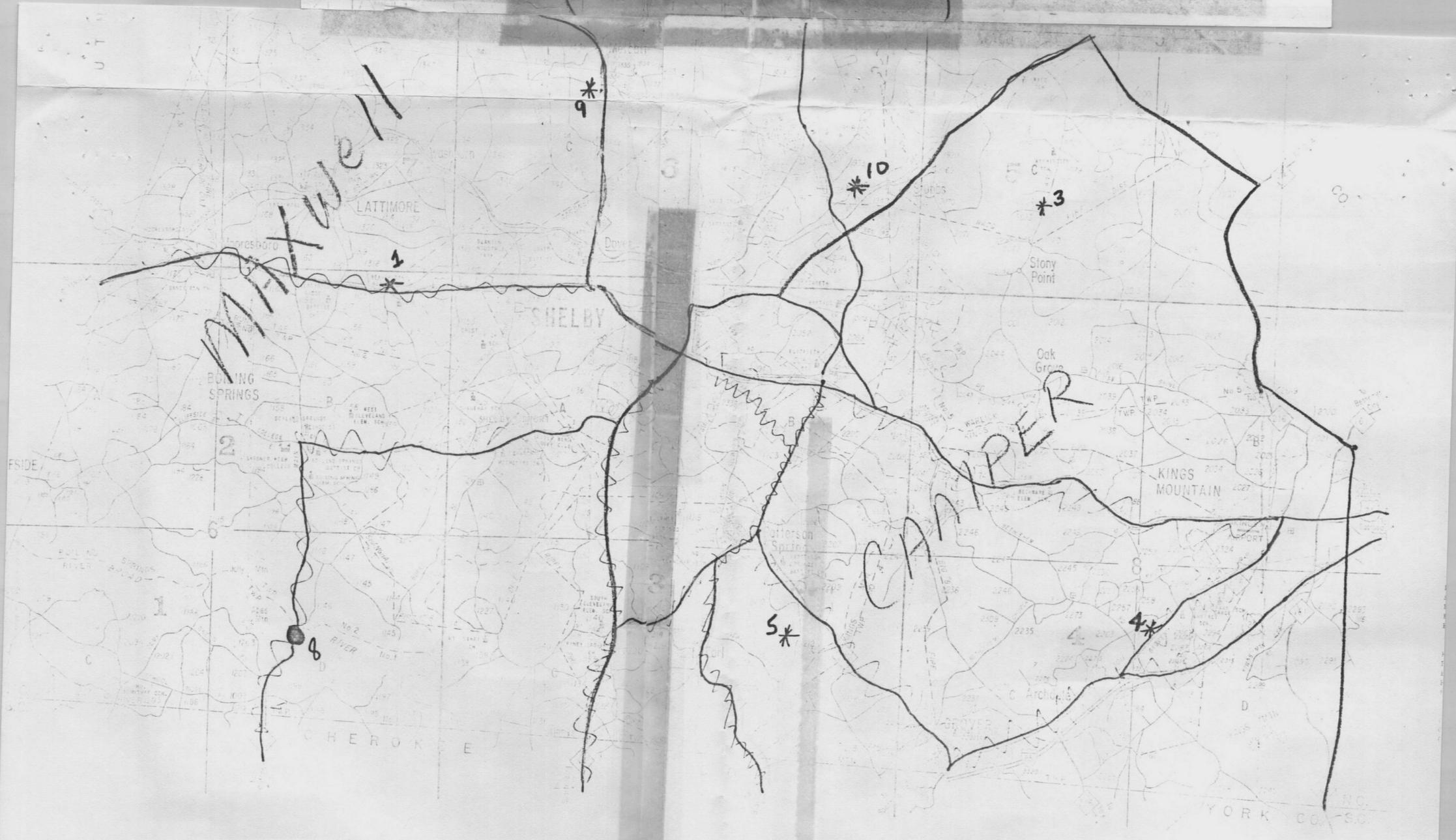
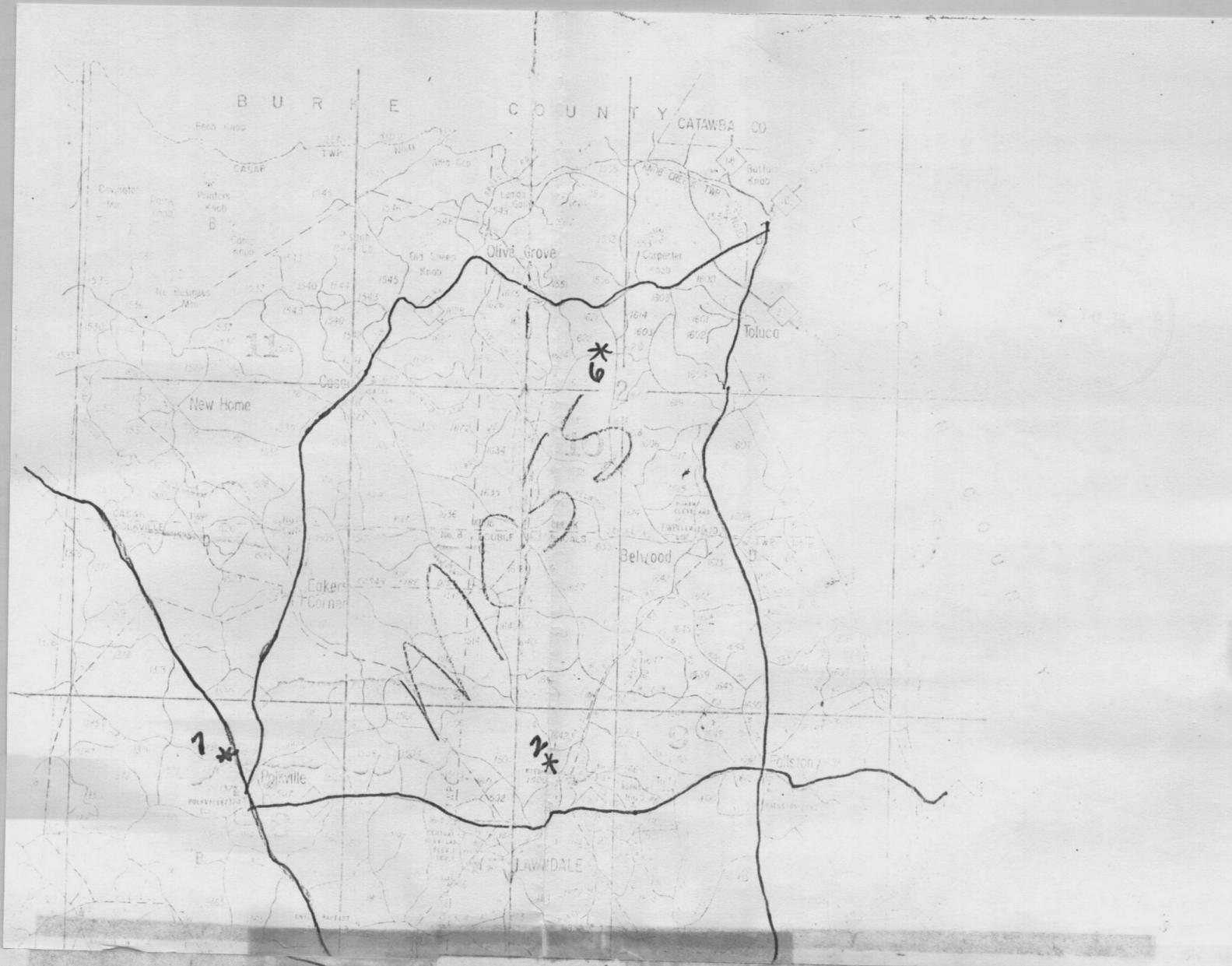
The container at the Patterson Springs site needs a small amount of painting and a fence in front of the container is damaged and needs repair. This is the only site in Cleveland County with a compactor type container. There is a bar screen protecting the container from disposal of large items such as bed springs and appliances. Therefore, these items are often left on the grounds which was the case when we last inspected the site.

All the sites had a small amount of debris on the grounds surrounding the container. This is due in part to careless public use. However, there appeared to be more debris than has normally been noted in previous inspections likely due to recent high winds in the area.

We would recommend that needed painting be done, and that a thorough job of picking up debris around the containers be carried out each time a site is serviced. We would also suggest that the compactor type container at Patterson Springs be replaced with one or more standard containers at such time as the life of the compactor is completed.

In summary, Cleveland County's container program has consistently been superior to many programs which use large numbers of smaller containers, and it is serving the solid waste disposal needs of the County in a way which greatly helps to protect the environment of Cleveland County and the public health of the citizens from solid waste pollution.

JWM/dgh



DIRECTIONS TO 40 YARD CONTAINER SITES

1 SWAINSVILLE SITE: On hwy. 74 West behind Mustang Service Station on the left. If coming from Shelby, go 2.5 miles past PPG road on 74 West. This container can only be used for household garbage. All other types of waste will have to be disposed of at the landfill as designated by the signs. (Lattimore Fire Dept.)

2 LAWNDALE SITE: Located 0.6 miles from Lawndale on Road 1004. If coming from Belwood turn right when you intersect with Road 1004. (Fallston Fire Dept.)

3 WACO SITE: Located 1.5 miles below Washington School on Rd. 1001 (on right); or 3.1 miles after you leave Oak Grove going to Waco on Rd. 1001 (on left); or 3.5 miles after you leave Waco going to U.S. 74 on Rd. 1001 (on right). (Waco Fire Dept.)

4 MIDPINES SITE: Located 0.9 miles from Margrace Mill on Rd. 2263 (on left going to Midpines); or 0.4 miles from Kings Mountain City Limits on Rd. 2263. (Bethlehem Fire Dept.)

5 PATTERSON SPRINGS SITE: Located off Hwy #226 South; turn right past Superior Feed Co. on Rd. 2212, go about 1/2 mile, turn on dirt road. Landfill signs are located at each turn off. (Number Three Fire Dept.)

6 BELWOOD SITE: From redlight in Fallston, go Hwy 18N. 3.6 miles and turn left on rd. 1614 just past Tillman Motor Co. Go 4.0 miles and turn left on rd. 1623 just before Lutz Orchard Packing House. Site is 0.3 mile on right. If leaving Casar, go 5.6 miles on Hwy 10N. Turn right on rd. 1621 and go 0.8 miles and turn right on rural rd. 1623. Site is 0.3 miles on right. (Casar Fire Dept.)

7 POLKVILLE SITE: From red light in Polkville go 1.2 miles on Hwy. 226N. Turn left on rd. 1393. Site is 0.2 miles on left. (Polkville Fire Dept.)

8 BOILING SPRINGS SITE: Hwy. 150S. on left past Broad River. (Boilind Springs Fire Dept.)

9 CORNWELL GIN SITE: On Rd. 1337 off Hwy. 226N. 1/4 mile. on left.

10 SANITARY LANDFILL: Rd. 1926 off Hwy 180N.

GARBAGE PICK UP SERVICES:

Cleveland Container and Waste Service.  
Jack Williams 482-7916

Upper Cleveland Service  
Norris Boggs 538-7176

9) Cornwell Gin Site

- \* Newest
- \* chain link fence in back & front
- \* Containers adequate
- \* some debris on ground
- \* not good repair & paint

Please supply information with asterisk only. If you have questions, contact Gordon Layton .

N. C. SOLID & HAZ WASTE BRANCH  
SOLID WASTE FACILITY MASTER

12/75

\* PERMIT NO: 23 03 PERMIT DATE 12 75 COUNTY CODE 23  
\* FACILITY TYPE: 5 \*NAME: PPG ~~WASTEWATER~~ PHONE: - -

\* LOCATION. Street/State Rd: SA 1313 \* Town/comnty: ~~Summit~~  
Cleveland Co.  
Latitude: - - - Longitude: - - -

005

Type(P, I, C, S, F)	*PERMIT HOLDER	* PROPERTY OWNER
Name:	* <u>I</u>	*
Street	* <u>PPG</u>	* <u>SAME</u>
City, ST, Zip	* <u>BTH</u>	*
	* <u>SHELBY NC 28150</u>	*
Name:	* OPERATOR	* CONTACT PERSON (at landfill
Street	* <u>SAME</u>	* <u>LACY BAZZARD only!</u>
City, ST, Zip	*	* <u>SAME</u>
Phone	*	* <u>704-434-2261</u>

CHARACTERISTICS. Operation Category: - ; Type: - ; Subtype: - Size: -

Monitoring Well (Y/N): 0; Waste Type\*0; Inspection Freq: 4

Codes

<u>FACILITY TYPE</u>	<u>PERMIT HOLDER</u>	<u>WASTE TYPE</u>
S - Sanitary Landfill	P - Private	SW- Municipal--Non-Hazardous
D - Demolition Landfill	I - Industry	Solid Waste
TP- Treatment and Processing	C - County/City	F - Flyash
I - Incinerator	S - State	S - Sludge
T - Transfer	F - Federal	O - Other

NOTES: (1) Contact person is person at landfill and landfill number.  
(2) If operator and property owner are same as permit holder, indicate with "Same."

FRANK B. HICKS ASSOCIATES, INC.  
CONSULTING ENGINEERS SURVEYORS PLANNERS  
4580 OLD PINEVILLE ROAD CHARLOTTE, N. C. 28210 (704) 527-1588



July 15, 1975

Mr. J. W. Moore, Jr.  
N. C. State Board of Health  
Solid Waste Section  
159 Woodfin Street  
Asheville, North Carolina 28801

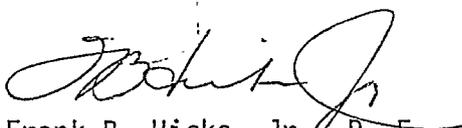
RE: P. P. G. Industries, Inc.  
Fiber Glass Division  
Shelby, North Carolina  
Solid Waste Land Fill

Dear Mr. Moore:

This office and Law Engineering Testing Company have been retained to do a solid waste study on the existing land fill located adjacent to Pittsburgh Plate Glass Works at Shelby, North Carolina. We are currently completing the topographic and soil boring surveys and should be forwarding to you copies of the completed study in the very near future. In the meantime, if you have any questions, please feel free to call us.

Very truly yours,

FRANK B. HICKS ASSOCIATES, INC.



Frank B. Hicks, Jr., P. E.

FBH:ep

cc: Law Engineering Testing Company  
Charlotte, North Carolina

Please supply information with asterisk only. If you have questions, contact Gordon Layton .

N. C. SOLID & HAZ WASTE BRANCH  
SOLID WASTE FACILITY MASTER

6/75

\* PERMIT NO: 23 02 PERMIT DATE 6/75 COUNTY CODE 23  
 \* FACILITY TYPE: S \*NAME: CLEVELAND CONTAINER SERVICE PHONE: -  
 \* LOCATION. Street/State Rd: SA 1212 \* Town/comnty: Cleveland Co.  
 Latitude: - - - - Longitude: - - - -

005

Type(P, I, C, S, F)	* PERMIT HOLDER	* PROPERTY OWNER
Name:	* <u>P</u>	*
Street	* <u>CLEVELAND CONT SER</u>	* <u>SAME AS PERMIT HOLDER</u>
City, ST, Zip	* <u>PO BOX 193</u>	*
	* <u>SHELBY NC 28150</u>	*
Name:	* OPERATOR	* CONTACT PERSON (at landfill
Street	* <u>BOWEN GRADING CO</u>	* <u>DEWEY TUNNEY</u> (only!)
City, ST, Zip	* <u>1711 E DIXON BLVD</u>	* <u>PIGEEBOROUGH RD</u>
Phone	* <u>SHELBY NC 28150</u>	* <u>PATTERSON SPRINGS NC 28663</u>
	* <u>704-487-9063</u>	*

CHARACTERISTICS. Operation Category: -; Type: -; Subtype: - Size: -

Monitoring Well (Y/N): 0; Waste Type\*0; Inspection Freq: 4

Codes

<u>FACILITY TYPE</u>	<u>PERMIT HOLDER</u>	<u>WASTE TYPE</u>
S - Sanitary Landfill	P - Private	SW- Municipal--Non-Hazardous
D - Demolition Landfill	I - Industry	Solid Waste
TP- Treatment and Processing	C - County/City	F - Flyash
I - Incinerator	S - State	S - Sludge
T - Transfer	F - Federal	O - Other

NOTES: (1) Contact person is person at landfill and landfill number.  
 (2) If operator and property owner are same as permit holder, indicate with "Same."



PPG INDUSTRIES, INC./ROUTE NO. 4/SHELBY, N. C. 28150/AREA 704/434-2261

Works No. 52  
Fiber Glass Division



June 26, 1975

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

Dear Mr. Strickland,

Thank you for your letter of June 24, 1975 concerning the industrial solid waste disposal site at PPG Industries, Inc. in Shelby, N. C.

We have obtained authorization from our Corporate Office for the expenditures required to do the necessary engineering and preparation of plans for submittal to the State. The contract for this work has been let to Law Engineering Testing Company of Charlotte, N. C. and preliminary surveying and soil boring work was completed this week. As mentioned to Mr. J. W. Moore, Jr. during his inspection of this facility on May 22, 1975, we still anticipate that the required plans will be ready for submittal by mid - August.

We will continue to keep you advised of the progress on this project.

Very truly yours,

A handwritten signature in cursive script, appearing to read 'T. J. Kochanowicz'.  
T. J. Kochanowicz  
Plant Engineer

TEK:dbh

cc: Messrs. J. W. Moore, Jr. - Solid Waste & Vector Control Section  
G. W. Moore - Cleveland County Health Department  
Fred Settino - PPG General Office  
J. V. Schweppe - Works 52  
C. L. Vanstone - Works 52  
A. W. Rutherford - Works 52

Attachment (2)



STATE OF NORTH CAROLINA  
DEPARTMENT OF HUMAN RESOURCES

JAMES E. HOLSHOUSER, JR.  
GOVERNOR

DAVID T. FLAHERTY  
SECRETARY

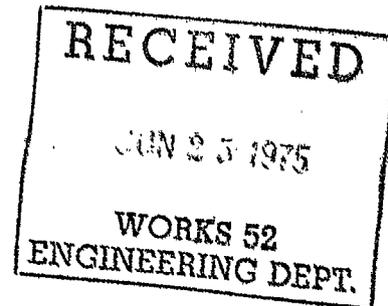
JACOB KOOMEN, M.D., M.P.H.  
DIRECTOR

*Division of Health Services*

P. O. Box 2091

Raleigh 27602

June 24, 1975



Mr. T. J. Kochanowicz  
Maintenance Superintendent  
PPG Industries, Inc.  
Route No. 4  
Shelby, N. C. 28150

Dear Mr. Kochanowicz:

I received your letter of March 28, 1975, with reference to the plans for your solid waste disposal site.

As of this date we have not received your plans. Your assistance in getting these plans presented for approval at the very earliest date possible is requested.

Thank you in advance for your cooperation.

Sincerely,

A handwritten signature in cursive script that reads "O. W. Strickland".

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

OWS/ct

cc: Mr. J. W. Moore, Jr.  
Cleveland County Health Department

N. C. DEPARTMENT OF HUMAN RESOURCES  
DIVISION OF HEALTH SERVICES

Inspection Form for Sanitary Landfills

P. P. 5. Landfill Cleveland  
Name of Site County  
Plant Property J. Kochanowicz 5/22/75  
Location Signature of Person(s) Receiving Report  
Clear  
Weather Conditions

SIR: An inspection of your land disposal site has been made this date and you are notified of the violations, if any, marked below with a cross (X).

- 1. PLAN REQUIREMENTS
  - Site Plan Approved
  - Operational Plans Approved
  - Plans Being Followed
- 2. SPREADING & COMPACTING
  - Waste Restricted to the Smallest Area Practicable
  - Waste Properly Compacted
  - Proper Slope on Working Face
- 3. COVER REQUIREMENTS
  - Six (6) Inches Daily Cover
  - Two (2) Foot Final Cover
  - Erosion Controlled
- 4. ACCESS
  - Attendant on Duty
  - Access Controls (Gate, Chains)
  - All Weather Road
  - Dust Controlled
- 5. WATER PROTECTION
  - Surface Drainage Controlled
  - Evidence of Leaching
  - Waste Placed in Water
- 6. BURNING
  - Evidence of Burning
  - Fire Control Equipment Available
- 7. SPECIAL WASTES
  - Spoiled Food Properly Handled
  - Animal Carcasses, Abattoir Waste, Hatchery Waste, Etc., Properly Handled
- 8. HAZARDOUS WASTES ACCEPTED
  - Pathological
  - Pesticides
  - Other \_\_\_\_\_
- 9. VECTOR CONTROL
  - Effective Rat Control
  - Effective Fly Control
  - Other Vector(s) Controlled
- 10. MISCELLANEOUS
  - Blowing Material Controlled
  - Directional Signs
  - Operational Signs (Procedures, Hours, Etc.)

REMARKS: Plans will be submitted by 8/15/75  
according to Mr. Kochanowicz.

DATE 5/22/75 NAME J. W. Moore Jr.  
Solid Waste & Vector Control Branch  
Division of Health Services



STATE OF NORTH CAROLINA  
DEPARTMENT OF HUMAN RESOURCES

JAMES E. HOLSHOUSER, JR.  
GOVERNOR  
DAVID T. FLAHERTY  
SECRETARY

*Division of Health Services*  
WESTERN REGIONAL OFFICE  
WESTERN NORTH CAROLINA SANITORIUM  
BUILDING 3  
BLACK MOUNTAIN, N.C. 28711

May 16, 1975

Mr. Jim White  
Shelby Auto Auction  
Shelby, N. C. 28150

Dear Mr. White:

On May 13, 1975, Mr. Robbie Camper of the Cleveland County Health Department and I inspected a dumping area on your property at Stony Point Heights. As you know this situation is a public health problem due to rat, fly and other vectors associated with the dump. It also is in violation of the Division of Health Services "Rules and Regulations Providing Standards for Solid Waste Disposal."

I learned from Mr. Camper that you have covered the waste in the past, only to find that dumping continued and conditions returned to the same unfavorable state in a short time. Therefore, we are recommending that you prevent access to the site, by constructing earthen barrows at both ends of the private road on which the dumping has taken place, immediately after you have met our requirement of covering the dump with at least two feet of compacted earth.

Unless you request an extension, we will expect full compliance by July 1, 1975. If we can be of assistance on this matter, please inform us.

Sincerely,

James W. Moore, Jr.  
District Sanitarian

JWM/fej

Copy to: Mr. Robbie Camper  
Mr. J. N. Fulp, Sr.  
Mr. O. W. Strickland

Cleveland  
J.R.

March 25, 1975

Mrs. Beth Holland  
308 Gold Street  
Apartment 1  
Kings Mountain, North Carolina 28086

Dear Mrs. Holland:

The attached report regarding your complaint at the apartment in Kings Mountain has been prepared following our investigation.

If this office can provide you additional assistance or information regarding this matter, I shall appreciate hearing from you.

Very truly yours,

Sidney H. Usry, Head  
Solid Waste & Vector Control Branch  
Sanitary Engineering Section

SHU:bm

Attachment

cc: Mr. J. W. Moore, Jr.  
Mr. G. W. Moore

STATE BOARD OF HEALTH  
SANITARY ENGINEERING DIVISION  
RALEIGH, NORTH CAROLINA

REPORT OF INVESTIGATION OR INSPECTION OF Complaint by Mrs. Beth Holland  
Cleveland Container Service

Place visited Gold Street Apts., Kings Mountain Maint. Dept. Date March 21 19 75

Address Mrs. Beth Holland, 308 Gold St., Apt. #1, Kings Mtn. Time spent 3 hours

By whom Mr. J. W. Moore, Jr., District Sanitarian and Mr. G. W. Moore, Sanitarian

Persons contacted Mr. Hicks, Kings Mtn., Solid Waste Supervisor and Mr. Jack Williams,  
(Owner, agent, tenant, manager, other) Cleveland Container Service

Reason for visit Investigate complaint of possible container to be placed at Gold Street  
Apartments.

Copies to: Mr. O. W. Strickland, Supervisor Solid Waste Management Unit, Div. of Health Services  
Mr. G. W. Moore, Sanitarian, Cleveland County Health Department

**REPORT:**

On March 20, 1975, Mr. G. W. Moore, Cleveland County Health Department and I contacted Mr. Hicks, who is in charge of solid waste collection for the Town of Kings Mountain. Mr. Hicks informed us that a recently passed ordinance requires that each apartment complex within Kings Mountain city limits use truck loading containers for their solid waste storage.

We were aware of concern on the part of Mrs. Holland and the apartment owner that containers provided by the Town of Kings Mountain could lead to a public health hazard and a nuisance; because, the lids are so heavy they would have to be left open. However, we learned that instead of using the back-loading container offered by the town, the apartment owner has contracted with Cleveland Container Service to provide service with a four cubic yard front-loading container, which features light weight lids that can easily be opened and shut by the average citizen.

Mr. Jack Williams of Cleveland Container Service verified the contract and also stated that the container will be enclosed on either side with a wall and in front by swinging wooden doors.

We visited Mrs. Holland's residence. She was not home, so we left a note with information needed for contacting us.

July 29, 1974

Mr. Richard G. Steeves  
Health Director  
Cleveland County Health Department  
315 Grover Street  
Shelby, North Carolina 28150

Dear Mr. Steeves:

✓ We have reviewed your proposed regulations concerning solid waste disposal for Cleveland County and have prepared the following comments:

1. *JH* It is our opinion that the definitions used in your ordinance should be the same as those used in our regulations. The definitions that you now use are utilizing a different concept and could create problems that would be in conflict with the State regulations.
2. It will be necessary that all references to the State Board of Health be changed to the Division of Health Services and the Sanitary Engineering Division to the Sanitary Engineering Section.
3. On Page 3, Item 2 should be placed under penalties since this is referring to corrective measures that can be used following violations.
4. Abandoned automobiles should be removed from the regulations entirely since they are no longer the responsibility of the Division of Health Services or local health department. The 1973 Legislature amended Article 3 of Chapter 20 of the General Statutes making the Department of Transportation the agency responsible for collection and disposal of abandoned automobiles.

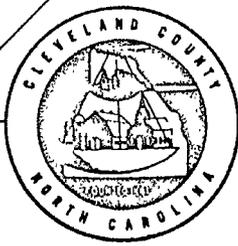
If I can provide you additional information, I shall appreciate hearing from you.

Very truly yours,

Sidney H. Usry, Head  
Solid Waste & Vector Control Branch  
Sanitary Engineering Section

SHU:bm

"Cleveland County  
Grows Greater"



315 GROVER STREET, SHELBY, NORTH CAROLINA 28150

20 June 1974

HEALTH DEPARTMENT  
704-487-8511



Mr. Dave Warren  
Institute of Government  
UNC-Chapel Hill  
Chapel Hill, North Carolina

Dear Dave:

Cleveland County has had a Board of Health Regulation on Solid Waste Disposal for a number of years but we feel it needs to be revised. Attached is a rough copy of our proposed Solid Waste Disposal Regulations.

Would you review this document to eliminate legal loopholes so that we will have a regulation which will protect our public's health.

Thank you for your assistance.

Sincerely,

RICHARD G. STEEVES  
Health Director

cc: ✓ Mr. Sid Usry

RULES AND REGULATIONS GOVERNING THE STORAGE, COLLECTION, TRANSPORTATION  
AND DISPOSAL OF SOLID WASTE IN CLEVELAND COUNTY

Whereas, The Cleveland County Board of Health has been given the responsibility to make rules and regulations as are necessary to protect and advance the public health as required by Section 17 of Chapter 130 of the General Statutes of North Carolina; and

Whereas, The improper storage, collection, transportation, or disposal of solid waste can result in conditions that are detrimental to the health of Cleveland County residents; therefore,

*It is Hereby* Resolved, that the following regulations are hereby adopted for the protection of public health and shall govern the storage, collection, transportation and disposal of solid waste throughout Cleveland County.

*It is Hereby* Resolved, that these rules and regulations shall conform to the standards set forth in Bulletin # 411, "Rules and Regulations Providing Standards for Solid Waste Disposal," prepared by the Sanitary Engineering Division of the North Carolina Division of Health Services.

5/28/74

RULES AND REGULATIONS GOVERNING THE STORAGE, COLLECTION, TRANSPORTATION  
AND DISPOSAL OF SOLID WASTE IN CLEVELAND COUNTY

Section I - Definitions

The following definitions shall apply in the interpretation and enforcement of these regulations:

- A. Garbage - This means all putrescible solid waste resulting from the growing, handling, packaging, preparing, cooking, and consuming of food. It includes vegetable matter, animal offal, and carcasses of animals, but excludes animal and human body waste and recognizable industrial by-products.
- B. Health Director - shall mean the individual appointed by the Cleveland County Board of Health to carry out the county program of public health, or his authorized representatives.
- C. Person - This word means any individual, firm, governmental unit, organization, partnership, corporation or company.
- D. Premises - This shall be a definite portion of real estate including land with its appurtenances, a building or part of a building.
- E. Refuse - This includes all putrescible and nonputrescible solid waste. Such waste includes garbage, rubbish, ashes, street sweepings, dead animals, solid market and industrial wastes, and abandoned automobiles. Refuse does not include human or animal body waste.
- F. Rubbish - This term denotes all nonputrescible wastes. It consists of both combustible and noncombustible matter, such as cans, paper, brush, glass, cardboard, cloth or synthetic fiber, wood, scrap metals, bedding, yard clippings, crockery, plastics, construction and demolition waste, and other similar items.

Insert in Section I - Definitions

I- RESIDENTIAL UNIT

That portion of land, including appurtenances, buildings or parts of buildings, over which the resident has control by virtue of ownership of such property or by being the occupant, tenant, or lessee of such property.

J- COMMERCIAL UNIT

That portion of real estate, including appurtenances, buildings or parts of buildings, over which the proprietor or managing agent of a commercial business or operation has control by virtue of ownership, tenancy, franchise, or agency as to such property.

- G. Solid Waste - This means apparently useless, unwanted, discarded, or abandoned solid materials with insufficient liquid content to be free flowing. It does not include manures or sludges from sewage or industrial waste treatment processes.
- H. Solid Waste Collector - This term shall apply to any person who collects or transports solid waste from a premise of which he is not the occupant, tenant, or lessee, and who holds a valid unrevoked permit from the Cleveland County Board of Health.

*See insert -*

SECTION II - Solid Waste Accumulation and Storage

- A. Evidence of Accumulation. The fact that any residential unit or any place of business is occupied shall be prima facie evidence that garbage or refuse is being produced and accumulated upon such premises. All such garbage and refuse shall be stored, transported and disposed of in the manner provided by these Rules and Regulations.
- B. Sanitary Nuisance - Either the improper storage or the accumulation <sup>of more than seven (7) days</sup> of garbage or refuse at any residential unit or any commercial unit shall be prima facie evidence of a sanitary nuisance. The Health Director shall, upon finding any occupied residential unit or any place of business not storing or disposing of garbage or refuse in an approved manner, notify the person or persons committing the violation to remove or cause to be removed such garbage and refuse within the time specified on the notice. Such notice shall be issued by one of the following means:
  1. U. S. Postal Service Mail,
  2. Hand delivery, or
  3. Posting of such notice in a conspicuous place on the residence or place of business of the violator.

If the sanitary nuisance is not removed by such persons within the

time prescribed in said notice, the Health Director may cause ~~to be removed or prevented~~ the continuing sanitary nuisance condition, in the following manner: *to be removed or prevented*

1. Undertake required correctional procedures, including the removal of ~~same~~ *such nuisance*, if necessary; the cost or expense of such removal or correctional procedures shall be paid by the person or persons committing, creating, keeping or maintaining such nuisance, and if said cost and expense thus accruing shall not be paid within thirty days (30) after such removal, the same shall be collected from the person or persons committing, creating, keeping, or maintaining such nuisances by suit at law. ~~or equity.~~
  2. The arrest of any person or persons failing to comply with notices to correct sanitary nuisances as provided in this regulation. Each day said sanitary nuisance continues shall be a separate offense.
- C. Storage - No owner, occupant, tenant, or lessee of any premises shall permit any solid waste to accumulate upon such premises that is not stored in a manner approved by the Health Director.
1. Household Containers:  
Garbage shall be stored in a container of a type approved by the Health Director. Every such container shall be constructed of metal, or equally durable material, in such a manner as to be strong, water tight, not easily corrodible, fly proof, and rodent proof, shall have a capacity of not more than thirty two (32) gallons; shall have handles designed for lifting; and shall have fly-tight covers which shall be kept in place at all times, except when garbage or other refuse is being deposited in or removed from such container. A sufficient number of containers shall be provided to hold the garbage accumulated between scheduled pick-ups and such garbage shall be

removed from the premises at least once each seven (7) days. This section shall not prohibit the use of bulk containers when specifically approved by the Health Director for the storage of garbage. Such bulk containers must be emptied at least once each seven (7) days. Each garbage container shall be kept clean so that no odor, insect breeding or other nuisance will exist.

2. Rubbish shall be stored in such a manner that it will not provide harborage to insects or rodents, or constitute a fire or safety hazard. No person shall accumulate or permit the accumulation of any lumber, boxes, barrels, bottles, cans, bricks, stones, containers, old appliances, old automobiles, cloth, synthetic fiber or similar objects and/or materials that does or may afford harborage for rodents; unless this waste is accumulated for removal within seven (7) days. This section shall not prohibit the storage of old automobiles by junk dealers who are licensed by the North Carolina Department of Revenue to operate such business.

### SECTION III - Solid Waste Collection Permits

- A. No person shall collect or transport solid waste without a written permit from the Health Director: Provided, that this subsection shall not be construed to prevent any person transporting solid waste in an approved manner from his own residence or business.
- B. The Health Director shall issue such permit only when, upon inspection, he finds that the facilities, equipment, and proposed operating methods of the applicant are in compliance with the requirements of these regulations.
- C. The Health Director is authorized and directed to refuse to issue any permit to collect or transport solid waste whenever he finds upon inspection of the facilities, equipment, and proposed operating methods of the

applicant that such facilities, equipment, or proposed operating methods are not in compliance with the requirements of these regulations.

- D. Whenever, upon inspection of the facilities, equipment or operating methods of any person collecting or transporting of solid waste, the Health Director finds that conditions or practices exist which are in violation of the provisions of these regulations, the Health Director shall give notice in writing to such person that unless such conditions or practices are corrected within ten (10) days the operating permit of such person will be suspended. At the end of such ten day period the Health Director shall make a reinspection, and if he finds that such conditions or practices have not been corrected, he shall give notice in writing to such person that his permit has been suspended. Upon receipt of notice of suspension, such person shall immediately cease to collect or transport solid waste. No such permit shall be re-instated by the Health Director until he finds upon reinspection that all provisions of these regulations have been complied with, except that following a hearing as hereinafter provided such permit may be re-instated by order of the Cleveland County Board of Health.
- E. On written petition from a person whose permit to collect or transport solid waste has been suspended, the Cleveland County Board of Health shall hold a hearing at which time such person shall be given an opportunity to show that his permit should not have been suspended. No such hearing shall be held unless written petition therefor shall have been filed in the office of the Health Director on or before the tenth day following the day on which such permit was suspended. It shall be the duty of the Health Director to communicate the request to the Chairman of the County Board of Health as soon as practicable but in no case longer than five (5) days <sup>after said petition is filed.</sup> Such hearing shall be held by the Cleveland County Board of Health

within ten (10) days following receipt of such petition by the Chairman. After such hearing, the Cleveland County Board of Health may either revoke or re-instate such permit, depending upon its finding as to whether these regulations have been complied with. If no such petition is filed on or before the tenth day following the day on which such permit was suspended, the permit shall be deemed to have been automatically revoked.

F. When any person has made application for a permit to collect or transport solid waste, and the Health Director has refused to issue a permit to the applicant, the applicant may file a written petition for a hearing before the County Board of Health. Petition for hearing must be filed with the Health Director within ten days after the refusal of the Health Director to issue the permit. It shall be the duty of the Health Director to communicate the request to the Chairman of the Cleveland County Board of Health as soon as practicable but in no case longer than five (5) days. The Board of Health shall act upon the petition within ten (10) days of its receipt by the Chairman; and at the said hearing, the Board shall grant or refuse to grant the permit, depending upon compliance with these regulations.

SECTION IV - Solid Waste Collection and Transportation

A. The owner, occupant, tenant, or lessee of any premises upon which solid waste is stored shall remove, or cause to be removed, all solid waste from said premises at least once a week. Solid waste collectors shall remove all solid waste from the premises, when they receive compensation for this service, at least once a week. The work shall be done in a clean and orderly manner, without causing damage to the container. Any solid waste that is spilled by the collector shall be picked up by the collector and the premises left in a sanitary condition.

- B. No solid waste collector shall collect garbage from a container that does not conform to the standards set forth in Section II-C of these regulations. Illegal containers include but are not limited to "55 gallon" drums and cardboard boxes. ~~The~~ Waste in an illegal container may be picked up by the collector if the container is disposed of along with the waste. In no instance <sup>may</sup> ~~can~~ the illegal container ~~be~~ emptied by the collector and left on the premise for future use.
- C. No person shall transport solid waste except as follows:
1. Solid waste collectors shall transport solid waste only in a conveyance that has been approved by the Health Director. Such conveyances shall be leakproof, and covered with a canvas, or other substantial material, unless it is constructed in such a manner as to prevent leakage or spillage of the solid waste. The owner of any conveyance transporting solid waste shall be responsible that the solid waste may be secured in such a manner as to prevent spillage, and that any putrescible wastes be emptied at least every three (3) days. Any surface of a collection vehicle which contacts putrescible waste must be thoroughly cleaned and disinfected with a suitable compound that will prevent odors at least once each three (3) days. The driver of any conveyance transporting solid waste shall be responsible for securing the load in such a manner as to prevent spillage.
  2. No person shall transport garbage except in a manner approved by the Health Director as being safe and sanitary. Every truck or other vehicle used for collecting and transporting garbage shall have plainly visible decals or lettering showing the name and address of the owner and the permit number issued by the Health Director. The permit number must be at least two inches in height and shall contrast

with the color of the truck in the area it is placed. Every vehicle used to collect or transport garbage shall be leakproof and shall be covered with canvas or other substantial material when transporting garbage, unless said vehicle is constructed in such a manner as to be leak and spillage proof. If at any time garbage should spill from the vehicle, the driver must immediately stop and pick up that which was spilled. Person hauling garbage from their own premises shall not be required to have their name and address and a permit number on their vehicle.

SECTION V - Solid Waste Disposal

No solid waste collector, or other person shall dispose of solid waste, except by one of the following methods; provided that this section shall not prevent any person from properly disposing of solid waste from his own residence by burying it in a safe and sanitary manner on his own property and in a manner approved by the Health Director:

- A. By burning solid waste in an incinerator of a type approved by the Cleveland County Air Pollution Control Program and the North Carolina State Board of Water and Air Resources, or
- B. By delivering solid waste to a sanitary landfill that is designed, operated, and equipped in accordance with the recommendations in Special Bulletin No. 411 of the North Carolina State Board of Health, RULES AND REGULATIONS PROVIDING STANDARDS FOR SOLID WASTE DISPOSAL. This bulletin is hereby incorporated by reference pursuant to authority granted by Article 4 of Chapter 130 of the General Statutes of North Carolina, and becomes a part of these regulations as fully as is set out in Sections VIII, IX and XI herein. A copy of said bulletin is on file in the office of the Clerk of the Superior Court of Cleveland County, and in the office of the Health Director.

3. Disposal by other sanitary methods which may be developed and demonstrated to be capable of fulfilling the basic requirements of these regulations, and which have been approved in writing by the Health Director.

SECTION VI - Scavengers

All waste disposed of in the Cleveland County Landfill or in the forty (40) yard garbage containers operated by the county is the property of Cleveland County and at no time shall be removed from the landfill or the containers by individuals or businesses.

SECTION VII - Penalties

If any person shall violate any rules and regulations set forth in this ordinance, he shall be guilty of a misdemeanor and punishable by a fine not to exceed fifty dollars (\$50.00) or by imprisonment not to exceed thirty (30) days, as provided by Section 203 of Chapter 130 of the General Statutes of North Carolina.

SECTION VIII - Repealer

All regulations or parts of regulations in conflict herewith are repealed only to the extent necessary to give these regulations full force and effect.

SECTION IX - Severability

- If any provision of these rules and regulations, or the application thereof to any person or circumstance, is held invalid, the remainder of the rules and regulations, or the application of such provision to other persons or circumstances, shall not be affected thereby.

SECTION X - Effective Date

These regulations shall be in full force and effect from and after ~~the~~  
the \_\_\_\_\_ day of \_\_\_\_\_.

ADOPTED BY THE CLEVELAND COUNTY BOARD OF HEALTH THIS THE \_\_\_\_\_ DAY  
OF \_\_\_\_\_.

\_\_\_\_\_  
Chairman, Cleveland County Board of Health

\_\_\_\_\_  
Director, Cleveland County Health Department  
Secretary, Cleveland County Board of Health

Cleveland  
JCP

April 10, 1974

Miss Tamara Parker  
Post Office Box 255  
Latimore, North Carolina 28039

Re: Pollution Help Line Report 1780

Dear Miss Parker:

This letter is provided in response to your pollution help line inquiry concerning land pollution. This State has a program of solid waste management designed to receive waste from household, commercial, and industrial sources. The major components of the State's program include investigation of proposed land disposal sites, review and approval of site and proposed operational plans and enforcement of minimum operating standards once the site is placed into operation.

Basic objectives of this program include (1) abatement of potential land pollution and (2) providing of publicly acceptable disposal sites. The State program has been identified on a formal basis since 1971. Planning and enforcement action has resulted in the closing of approximately 300 dump sites and their replacement with 130 sanitary landfills to date. Please find attached a bulletin concerning sanitary landfills which is the primary mode of solid waste disposal in this State.

I hope this information is beneficial to you.

Yours truly,

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

JCP;bm  
Attachment  
cc: Mrs. Jackie Wall

# POLLUTION HELP LINE REPORT

DEPARTMENT OF NATURAL AND ECONOMIC RESOURCES

DATE: 4-5 19 74

TIME: 1:00 AM  
PM X

NAME OF CALLER: Miss Tamara Parker

ADDRESS: P. O. Box 255

Street P. O. Box

Latimore, N. C. 28089

City Zip

TELEPHONE NUMBER: 434-7390

RECEIVED  
APR 8 1974

POINT OF POLLUTION:

SANITARY ENGINEERING SECTION

SOURCE OF POLLUTION:

NATURE OF CALL: The above caller wishes information on land pollution.

REPORT REFERRED TO: Ms. Marshall Stator, Div. of Health Services  
Dept. of Human Resources

IMMEDIATE ACTION TAKEN:

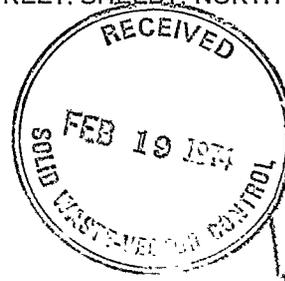
SIGNED Jackie Wall by V.K.

✓  
"Cleveland County  
Grows Greater"  
*JK*



315 GROVER STREET, SHELBY, NORTH CAROLINA 28150

HEALTH DEPARTMENT  
704-487-8511



Dear Mr. Strickland:

The enclosed letter was sent to the following individuals:

John Henry Moss, Mayor  
City of Kings Mountain

William K. Elliott, Mayor  
City of Boiling Springs

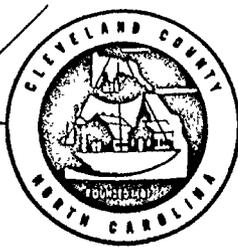
Ken Boggs  
Upper Cleveland Sanitation Service

E. B. Allen  
Operator of Landfill for City of Grover

Jack Williams  
Cleveland Container and Waste

*Ken Martin*

"Cleveland County  
Grows Greater"



315 GROVER STREET, SHELBY, NORTH CAROLINA 28150

February 18, 1974

HEALTH DEPARTMENT

704-487-8511

On February 14, 1974, Mr. Jim Fulp, District Sanitarian, Division of Health Services, and I visited several landfill sites in Cleveland County. We found that none of these sites are within the standards set forth in Bulletin No. 411, "Rules and Regulations Providing Standards for Solid Waste Disposal."

As you know, all landfills in Cleveland County must be in compliance with these standards on or before July 1, 1974. If you should choose to cease operations at the landfill, the area must be rat baited two (2) weeks prior to applying the final cover of at least two feet of compacted earth, and effective erosion control measures shall be taken. It would also be to your advantage to have this office perform a final inspection of the site before removing your equipment.

If you wish to continue landfilling operations at any existing site, please contact this office as soon as possible. We will discuss the requirements with you and help in any way possible to insure a sanitary and safe operation at your disposal site.

Thank you for your cooperation. I remain;

Sincerely yours,

Kenneth W. Martin  
Chief, Solid Waste Section

KWM/jr

Enclosure

CC: J. N. Fulp, Sr.  
O. W. Strickland

"Cleveland County  
Grows Greater"



315 GROVER STREET, SHELBY, NORTH CAROLINA 28150

HEALTH DEPARTMENT  
704-487-8511

7 August 1972

RECEIVED

AUG 8 1972

Mr. O. W. Strickland  
Sanitary Engineering Division  
State Board of Health  
Raleigh, North Carolina

SANITARY ENGINEERING  
DIVISION

Dear Mr. Strickland:

Thank you for your timely call this morning regarding Cleveland County's request for FHA funding for its garbage disposal program. The attached proposals were approved by our Board of County Commissioners at their regular meeting today. As you can see, we are requesting \$301,600.00 in capital outlay for equipment to operate a sanitary landfill and a forty yard container system.

As you are aware, Cleveland County is looking forward to receiving support through FHA. Any assistance you can give us will be greatly appreciated. Thank you.

Sincerely,

RICHARD G. STEEVES  
Health Director

Enclosure:  
Proposal

cc:

Mr. B. E. Simmons, Chairman  
Cleveland County Board of Commissioners  
Shelby, North Carolina

60530  
43993  
104523

PLAN II-A

This plan involves the use of ten (10) forty (40) cu. yard open top containers. The County would own the containers, own the roll-off truck, and hire personnel to operate the truck.

The costs for this plan will be as follows:

CAPITAL OUTLAY

Two (2) Roll Off Trucks	\$ 60,000.00
Ten (10) Forty (40) cu. yard containers	25,000.00
One (1) 1/2 ton pick-up truck	2,500.00
Site preparation --\$1,700/new sites and \$900/existing sites	<u>13,800.00</u>
TOTAL	\$101,300.00

ANNUAL OPERATING COSTS

On Site Lights (\$3.61/mo/site)	\$ 433.00
Equipment Depreciation - Truck	6,000.00
Two (2) Truck Operators	14,000.00
One (1) Truck Operator - Part Time)	1,000.00
Insurance, fuel, oil & repairs (60¢/mile-\$25,000 mi)	15,000.00
Depreciation of containers (\$500/yr/cont.)	5,000.00
Insurance, fuel, oil & repairs & depreciation on 1/2 ton pick-up (9¢/mile @ 24,000 miles)	<u>2,160.00</u>
Total	49,593.00

THE SANITARY LANDFILL

The following cost studies will consider the estimated expense of a county owned and operated central landfill. The basic prices were obtained from the State Board of Health's Solid Waste Disposal Plan for Cleveland County. However, two items, a truck weighing station and a wood chipper, have been added to the original plan.

The costs are as follows:

CAPITAL OUTLAY

One (1) Wood Chipper	\$ 4,800
One (1) Site of forty (40) acres @ \$500/acre	20,000
One (1) Compactor (RexTrashmaster 3-50 or equal)	60,000
One (1) Self loading pan (11 cu. yds.)	38,000
One (1) Bulldozer (30,000 lbs.)	40,000
One (1) Dump Truck	6,000
One (1) Weighing Station (50 ton capacity)	12,500
One (1) Structure for office space, scale house and equipment shelter	10,000
Site Preparation (access road, signs, gate, etc.)	5,000
Legal Fees	1,000
Plans	3,000
<b>TOTAL</b>	<b>\$ 200,300</b>

ANNUAL OPERATING COST

One (1) Solid Waste Manager	\$ 7,500
One (1) Gate and Scale Man	2,800
Two (2) Equipment Operators @ \$7,000 ea.	14,000
Fuel and Repair	10,000
Equipment Depreciation	21,730
Misc. (S. S., Ins., etc.)	4,500
<b>TOTAL</b>	<b>\$ 60,530</b>

TO: N. C. STATE BOARD OF HEALTH

DATE: JULY 10, 1972

FROM: HUGH HUMPHRIES,  
Director of Public Works

SUBJECT: SANITARY LANDFILL PLAN

(2) a. Population and area expected to be served by the proposed site.

Approximately 16,500 people within the City of Shelby complex and served by the City's pick-up system, plus individual hauling within the City, and the industrial waste in the area, which accounts for approximately 50% of the operation's disposal.

b. Anticipated type, quantity, and source of material to be disposed of at the site.

Household waste, (8,100 cu yd per month, 1971 average)  
Industrial waste, (8,100 cu yd synthetics per month)

16,200  
731  
18,931  
2+300  
19,231  
19,231

Note: Brush and building material waste not included in above.

Source: General population and textile industries.

c. Description of systematic usage of area, operation, orderly development and completion of the Sanitary landfill.

Total of 190 acres to be developed in 7-10 acre tracts, which are trenched for burying with a minimum of 2 ft. of cover. The total tract is projected to satisfy the City's requirements for 20 years.

d. Type and number of pieces of equipment to be provided at the site for excavating, earth moving, spreading, compacting, covering and other needs.

Two diesel tracked end-loaders  
One International, and one Caterpillar

e. Name of individual responsible for operation and maintenance of the site.

Mr. Hugh Humphries, Director of Public Works

f. Intended use of land after completion of sanitary landfill.

Recreation and parks.

g. Anticipated lifetime of project

20 years (at present rate of usage)

*W. E. Buice*  
*J + R*

June 14, 1972

Mr. W. E. Buice, Jr.  
General Manager  
Spartan Waste Control, Inc.  
Post Office Box 1834  
Spartanburg, South Carolina 29301

Dear Mr. Buice:

Your request for an extension of time to prepare the necessary information for compliance with the North Carolina State Board of Health "Rules and Regulations Providing Standards for Solid Waste Disposal" is approved.

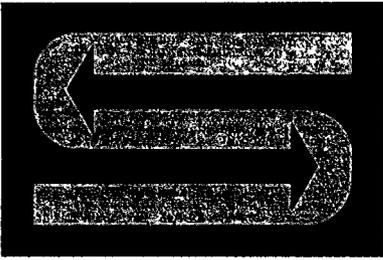
If this office can provide you assistance in the preparation of the required plans, I shall appreciate hearing from you.

Very truly yours,

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

SHU:bm

cc: Mr. J. N. Fulp, Sr.



# **Spartan Waste Control Inc.**

June 8, 1972

RECEIVED

JUN 12 1972

Mr. Sidney Usury  
Sanitary Engineering Division  
State Board of Health  
Raleigh, North Carolina 27611

SANITARY ENGINEERING  
DIVISION

Dear Mr. Usury:

The contract for landfill operations at Fiber Industries, Earl, North Carolina, expired on June 1, 1972. The purpose of this letter is to request a 120-day extension on the present landfill operation, until Fiber has the opportunity to complete the new contract which is presently under negotiation.

We are very much aware of the deadline of July 1, which stipulates that the present landfill must meet minimum requirements for site and operational plan approval for sanitary landfills as required by the rules and regulations of the North Carolina State Board of Health. Fiber Industries is making every effort to meet this deadline.

Any consideration and assistance you may give us will be greatly appreciated.

Thank you.

Yours very truly,

SPARTAN WASTE CONTROL, INC.

W. E. Buice, Jr.  
General Manager

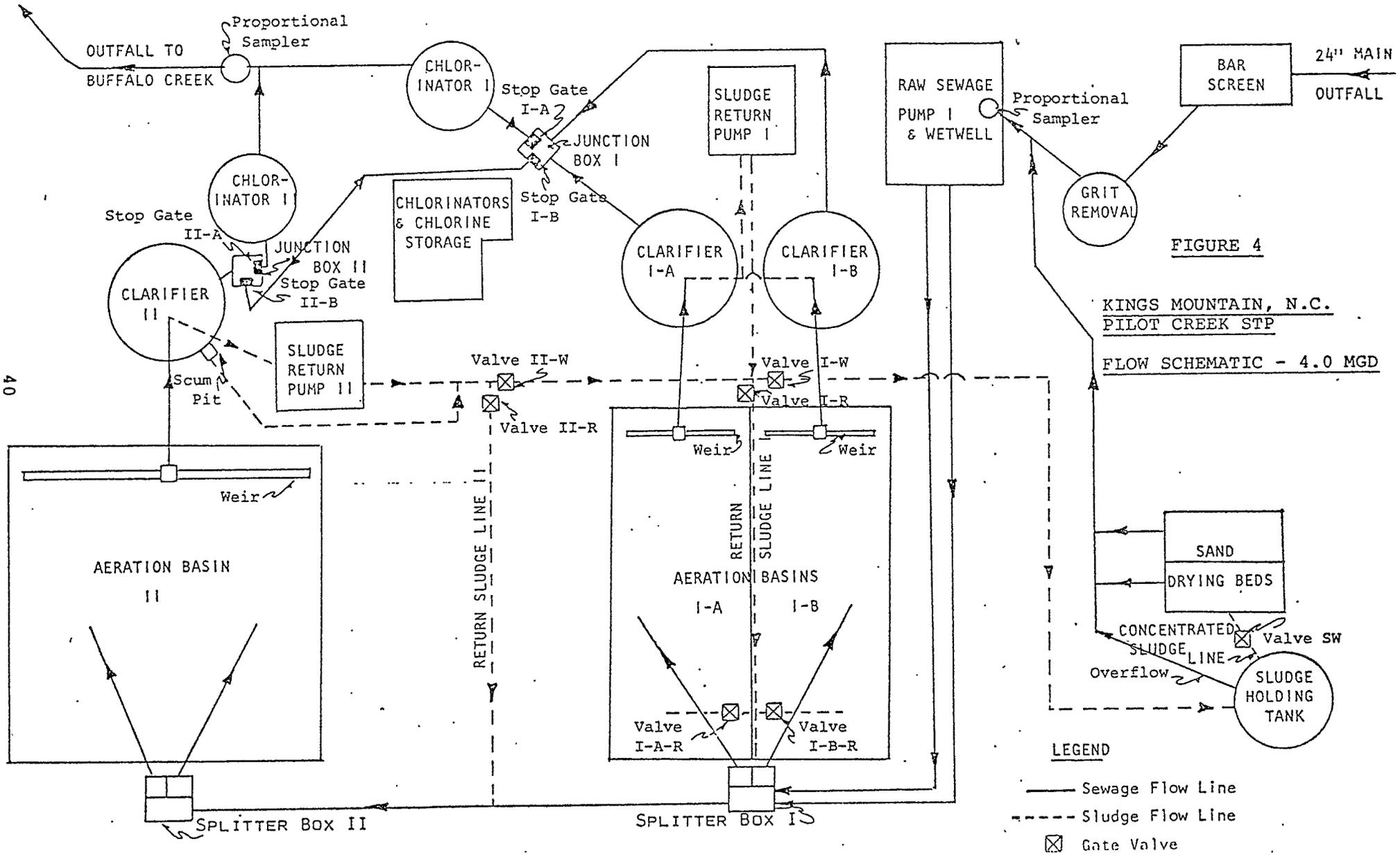
WEBjr:rn

cc: Mr. J. N. Fulp, Sr.  
Mr. Bill Gizzie  
Mr. Forb Reed

Pilot Creek P.O.T.W.

NC000828244

City of Kings Mtn., Kings Mtn., N.C. 28086





00 FEET 457 458 27'30" 459 (GROVER) 461 462 25' 463  
4754 III NW  
SCALE 1 24 000

5  
1

V. FACILITY DRAWING (see page 4) 



June 13, 1972

Mr. Richard G. Steeves, Director  
Cleveland County Health Department  
315 Grover Street  
Shelby, North Carolina 28150

Dear Mr. Steeves:

I have conferred with Mr. Perkins and Mr. Strickland since their visit to Cleveland County to inspect the use of 40 yard containers. After considering the type of waste and the increased use of plastic bags that was observed in these containers, I am agreeable to cooperate with you on a one-year program to observe the use of roll-off containers without lids. At the end of this trial period, July 1, 1973, a final decision will be made in regards to this matter after evaluating all the facts.

I would recommend that a program be implemented to encourage the individuals to use plastic bags to transport their waste to the containers.

Very truly yours,

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

SHU:jp

JACOB KOOMEN, M.D.,M.P.H.  
STATE HEALTH DIRECTOR  
AND SECRETARY-TREASURER



*Cleveland*  
W. BURNS JONES, JR., M.D.,M.P.H.  
ASSISTANT STATE HEALTH DIRECTOR *WBJ*

James S. Raper, M.D.  
President  
Asheville

Lenox D. Baker, M.D.  
Vice-President  
Durham

Charles T. Barker, D.D.S.  
New Bern

Ben W. Dawsey, D.V.M.  
Gastonia

NORTH CAROLINA  
STATE BOARD OF HEALTH

P. O. BOX 2091  
RALEIGH, NORTH CAROLINA 27602

June 13, 1972

Joseph S. Hiatt, Jr., M.D.  
Southern Pines

J. M. Lackey  
Hiddenite

Paul F. Maness, M.D.  
Burlington

Ernest A. Randleman, Jr., B.S.Ph.  
Mount Airy

Jesse H. Meredith, M.D.  
Winston-Salem

Mr. W. W. McGarter  
Town Clerk  
Town of Grover  
Grover, North Carolina 28073

Dear Mr. McGarter:

We are in receipt of your letter of intent pursuant to Section XIII of the North Carolina State Board of Health "Rules and Regulations Providing Standards for Solid Waste Disposal." Your proposal to utilize the county operated disposal facility is acceptable provided the county program is implemented within the time schedule required by these regulations.

At the time the county disposal program is implemented, you will be required to close your present disposal site in accordance with the requirements of Section XIII - C of the regulations.

Very truly yours,

*Sidney H. Usry*

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

SHU:bm

cc: Mr. J. N. Fulp, Sr.

Felp  
TOWN OF GROVER  
Grover, North Carolina

June 7, 1972

RECEIVED

JUN 9 1972

SANITARY ENGINEERING  
DIVISION

North Carolina State Board of Health  
Solid Waste Disposal Division  
Raleigh, North Carolina

Gentlemen:

The Town of Grover is aware that Cleveland County has made request for a loan and grant from the Farmers Home Administration for the purpose of operating a county-wide garbage collection system and central county operated landfill.

The Town of Grover request permission to continue using their present trench method landfill site until the central county operated landfill becomes a reality. At that time, we will close our present site and move our operation to the county controlled system.

Thanking you very much for your consideration, we remain

Very truly yours,

TOWN OF GROVER



W. W. McCarter  
Town Clerk

WWMcC:mw

cc: Cleveland County Health Dept.  
Attn: Mr. Richard Steeves

✓ Cleveland  
A.R.

April 20, 1972

Mr. Randolph Hendricks  
Planning Coordinator  
Clearinghouse and Information Center  
State Planning Division  
Department of Administration  
Raleigh, North Carolina 27602

Re: CH 72-0532  
Solid Waste Disposal Program  
Cleveland County

Dear Mr. Hendricks:

This notification expresses an intent to apply for Federal assistance in financing the cost of a solid waste management program for Cleveland County. The total estimated cost of this project is \$296,750.

This agency developed a solid waste management program that included an estimate of \$230,500 for Cleveland County. This plan was presented to the county commissioners and was adopted. The estimated cost that appears on this application exceeds the estimated cost prepared by this agency in the amount of \$60,250. This variation in cost is attributed to the fact that the county plans to purchase additional land and containers. This expansion of facilities meets with our approval.

It is recommended that favorable consideration be given this application.

Very truly yours,

Marshall Staton, Director  
Sanitary Engineering Division

cc: Mr. Gene Barrett  
Mr. Faulkner (blind CC)

SHU:jp

DEPARTMENT OF ADMINISTRATION  
State Planning Division  
Clearinghouse and Information Center  
Raleigh, North Carolina 27603

NOTIFICATION REFERRAL

ACTION REQUESTED

APR 12 1972

To: Name Mr. B. Gene Barrett, Planning Officer

Agency State Board of Health

Re: Clearinghouse Notification No. 125-2583

The attached Notification to Clearinghouse of Intent to Apply for Assistance is referred to you for review and comment in accordance with Project Notification and Review System procedures established under Bureau of the Budget Circular No. A-95.

RESPONSE REQUESTED BY \_\_\_\_\_

APR 25 1972

In each response, please refer to the Clearinghouse Notification No. shown above. If your agency does not wish to submit written comments, you may respond by telephone.

It is recommended that you contact the applicant directly if your agency needs additional information on the proposed application, or if there are any questions which may be resolved in this way.

Please reply to: Clearinghouse and Information Center  
116 West Jones Street  
Telephone 829-4375

Cleveland  
JH

March 25, 1970

Mr. Ralph Dedmond  
Acting Health Director  
Cleveland County Health Department  
315 Grover Street  
Shelby, North Carolina 28150

Dear Mr. Dedmond:

I have discussed with Mr. James Fulp the proposed sanitary landfill site located on the west side of Highway 226. Mr. Fulp informs me that there is a spring and a small stream flowing through this ravine which would make it unsuitable for sanitary landfill operation. Accordingly, I cannot approve this site for the disposal of solid waste due to complications that are created by the presence of water in the sanitary landfill.

I wish to congratulate you on your new position, and if we can provide you with any assistance, I shall appreciate hearing from you.

Very truly yours,

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

SU/mg

cc: Mr. J. N. Fulp, Sr.

## CLEVELAND COUNTY HEALTH DEPARTMENT

L. THOMAS MORTON, M. D., M. S., FACS.

315 GROVER STREET  
SHELBY, N. C. 28150

March 18, 1970

RECEIVED

MAY 23 1970

Mr. B. E. Simmons, Chairman  
Board of County Commissioners  
County Manager's Office  
Shelby, North Carolina

SANITARY ENGINEERING  
DIVISION

Dear Mr. Simmons:

I visited the proposed sanitary landfill site owned by Jim Harris, located on the west side of Highway 226, approximately 4 1/2 miles North of Shelby, with Mr. James Fulp, of the Solid Waste and Vector Control Section, State Board of Health. After a complete survey of the area, including the bottom of the ravine, he was very much concerned about the small stream coming from a spring near the head of the ravine.

Due to past experience with similar situations which have caused considerable trouble in that water leaching through garbage causes the build up of very strong odorous gases concentrated in the effluent water, he felt it would be unwise to give approval for this location.

However, due to the area location and the availability of the site, should you decide to use this landfill, it would be strongly recommended that the spring water be piped out as the area is used and that a diversion ditch be cut around the entire upper edge of the ravine to divert the flow of all surface water that otherwise may enter.

Sincerely yours,

RALPH DEDMOND  
(Acting) Health Director

cc:

James N. Fulp, Sr.  
Sidney H. Usry

*Cleveland*  
*WAR*

February 27, 1970

Mr. Ralph W. Dedmond, R.S.  
(Acting) Health Administrator  
Cleveland County Health Department  
315 Grover Street  
Shelby, North Carolina 28150

Dear Mr. Dedmond:

In reply to your letter of February 25, I plan to meet with the Board of Health and County Commissioners on Tuesday, March 17, 1970, as requested.

Very truly yours,

Sidney H. Usry, Chief  
Insect and Rodent Control Section  
Sanitary Engineering Division

SU/mg

cc: Mr. J. N. Fulp, Sr.

CLEVELAND COUNTY HEALTH DEPARTMENT

L. THOMAS MORTON, M. D., M. S., FACS.

315 GROVER STREET

SHELBY, N. C. 28150

February 25, 1970

Mr. Sidney H. Usry, Chief  
Insect and Rodent Control  
State Board of Health  
Raleigh, N. C. 27602

Dear Mr. Usry:

I have arranged a joint meeting of the Board of Health and the County Commissioners for Mr. Bill Strickland to present plans and recommendations for the operation of sanitary landfills in Cleveland County. Mr. Strickland said that he could make this meeting anytime during the week of February 16th. Please confirm if this date meets with his approval, Tuesday, ~~February~~ <sup>March</sup> 17, 1970 at 6:30 p.m.

I would like to request that Jim Fulp attend this meeting. He has been of great service in our past work on landfills and garbage dumps and I feel we will be calling on him quite often in the near future.

Sincerely,



Ralph W. Dedmond, R.S.  
(Acting) Health Administrator

c.c. James N. Fulp, Sr.

10.418

NOTIFICATION TO CLEARINGHOUSE OF INTENT TO APPLY FOR ASSISTANCE

Date April 10, 19 72

I. IDENTITY OF THE APPLICANT AGENCY, GOVERNMENTAL UNIT, ORGANIZATION, OR INDIVIDUAL:

Name County of Cleveland, State of North Carolina

Address Box 1210, Shelby, North Carolina 28150

Name of Chief Executive Officer B. E. Simmons

Title of Chief Executive Officer Chairman, Board of County Commissioners

Individual who will be responsible for preparation of application or proposal:

Name B. E. Simmons Title Chairman, Board of County Commissioners

Address Box 1210

Shelby, North Carolina 28150 Telephone No. (704) 487-8596

II. A. AREA TO BE AFFECTED BY PROPOSED PROJECT (Municipality(s), Township(s), County(s), etc.): Rural areas of Cleveland County and places of less than 5,500 population

B. BENEFICIARIES (Clientele Group) OF THE PROPOSED PROJECT:

Rural residences and businesses of Cleveland County

III. ANTICIPATED DATE FORMAL APPLICATION WILL BE SUBMITTED: May 1, 19 72

IV. SOURCE OF GRANT-IN-AID ASSISTANCE TO BE REQUESTED:

A. Name of Federal Agency(s) Farmers Home Administration

B. Number(s) and Name(s) of Federal Grant-in-Aid Program(s) Loans and grants for Community Domestic Water and Waste Disposal Systems

C. Name of Private Foundation or Other Source

V. ESTIMATED COSTS AND SOURCES OF FUNDING:

A. State Agency Contribution: In-Kind \$ Name of Agency Cash \$

B. Local Governmental Unit Contribution: In-Kind \$ Municipality or County Cash \$

C. Other Non-Federal Contribution: In-Kind \$ Source Cash \$

D. Federal Grant-in-Aid Funds to be Requested. . . . . \$ 148,375

Federal Loan Funds to be Requested. . . . . \$ 148,375

E. TOTAL ESTIMATED COSTS . . . . . \$ 296,750

F. Budget Period(s) for State Agency or Local Government Contribution:

FY % FY % FY %

- VI. A. If any State agency(s), Regional Planning Agency(s), or Local Government unit(s) have been contacted or have furnished information relative to the proposed project, list individual staff members contacted and agencies they represent.

Mr. James Fulp, District Consultant, Sanitary Engineering Division, North Carolina State Board of Health, Raleigh, has made recommendations concerning project

- B. List any other State or Local agencies which might have an interest in or be affected by the proposed project.

Cleveland County Health Department

VII. DESCRIPTION OF THE PROPOSED PROJECT:

- A. Title Sanitary Landfill and Container Collection System

- B. Narrative Description of the Proposed Project; Including Quantitative Information as to Size, Number of Units, etc.:

It is proposed that the county develop and operate one (1) sanitary landfill for the rural areas of Cleveland County including places of not more than 5500 population. Two municipalities in the county of over 5,500 population, Shelby and Kings Mountain, may be asked to participate in development of the landfill if they are interested. The county is not proposing that it would provide collection services for these municipalities or other places that now have their own collection systems. It is estimated that approximately eighty (80) acres of land will be required and it is proposed to acquire one (1) compacter, one (1) self-loading pan, one (1) bulldozer, and one (1) dump truck for use at the site. A structure will be needed at the site to provide shelter for equipment and office space. One (1) mother truck and one hundred fifty (150), four (4) cu.yd. containers will be needed for collecting facilities.

- VIII. Does the Federal Agency Administering the Program Under Which Funding will be Requested Require an Environmental Impact Statement? unknown. (If Yes, attach a statement of the nature and extent of environmental impact anticipated.)

Attach additional sheets if necessary to present complete information, and mail completed form to:

Clearinghouse and Information Center  
State Planning Division  
116 West Jones Street  
Raleigh, North Carolina 27603

SANITARY ENGINEERING DIVISION  
Marshall Staton, Director

TO: John Faulkner \_\_\_\_\_  
John Andrews \_\_\_\_\_  
Dayne Brown \_\_\_\_\_  
James Stamey \_\_\_\_\_  
W. J Stevenson \_\_\_\_\_  
Sidney Usry \_\_\_\_\_

- \_\_\_\_\_ For information only
- For action by your Section
- \_\_\_\_\_ Please prepare letter for my signature
- \_\_\_\_\_ Please prepare letter for Dr. Koomen's signature
- \_\_\_\_\_ Let's discuss

REMARKS: