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Division Waste Management

Section Superfund

Program IHS (IHS)

DocCat Facility

NCDENR

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.

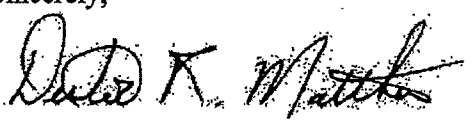
The only tool currently available to the State to ensure cleanup when it is needed is an enforcement action against those who owned, operated, or contributed to old landfills. The Governor's proposal would avoid placing an unreasonable

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 or call (919)508-8450.

Sincerely,



Dexter R. Matthews, Director

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

NCDENR
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

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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 or (919) 508-8450.

Sincerely,

Dexter R. Matthews, Director

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

The mailing list for these letters is filed in a folder in the first file cabinet drawer for the old landfill sites.

A statewide Old Landfill Inventory report is filed in a folder in the first file cabinet drawer for the old landfill sites.

NCDENR

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. James E. Martin
County Manager
PO Box 1829
Fayetteville, North Carolina 28301

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

Dear Mr. Martin,

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.

1646 Mail Service Center, Raleigh, North Carolina 27699-1646
Phone 919-733-4996 \ FAX 919-715-3605 \ Internet http://wastenotnc.org
An Equal Opportunity / Affirmative Action Employer – Printed on Dual Purpose Recycled Paper

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 or call with any questions concerning this request at (919) 733-2801, extension 283. Thank you for your cooperation.

Sincerely,

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: CUMBERLAND

Site Name:	CITY OF FAYETTEVILLE LDFL	**In IHS Inventory?**	No
ID Number:	NONCD0000740	**Other Agency Lead**	
Site Address:	WILKES RD (SR 22	**NFA or NFA-Restricted Use?**	No
City:	FAYETTEVILLE	**Unable to Locate**	○
State Plane X:		**Latitude:**	
State Plane Y:		**Longitude:**	

Directions: WILKES RD (SR 2210)

LDFL Size (Acres):		**Present Within 1000 ft of Ldfl**			
Property Size (Acres):		**Church**	No	**Residence On Ldfl?**	No
Date Open:		**School**	No	**Potable Well Within 500 ft?**	No
Date Closed:	1975	**Day Care**	No	**Adjoins Perennial SW?**	No
		Residential	No		

Notes: FROM TERRY DOVER'S LIST

(End Site Record)

Site Name:	CITY OF FAYETTEVILLE LDFL	**In IHS Inventory?**	No
ID Number:	NONCD0000739	**Other Agency Lead**	
Site Address:	SHAW MILL RD (S	**NFA or NFA-Restricted Use?**	No
City:	FAYETTEVILLE	**Unable to Locate**	○
State Plane X:		**Latitude:**	
State Plane Y:		**Longitude:**	

Directions: SHAW MILL RD (SR 1437)

LDFL Size (Acres):		**Present Within 1000 ft of Ldfl**			
Property Size (Acres):		**Church**	No	**Residence On Ldfl?**	No
Date Open:		**School**	No	**Potable Well Within 500 ft?**	No
Date Closed:	1975	**Day Care**	No	**Adjoins Perennial SW?**	No
		Residential	No		

Notes: FROM TERRY DOVER'S LIST

(End Site Record)

Site Name:	CUMBERLAND CO LDFL	**In IHS Inventory?**	No
ID Number:	NONCD0000741	**Other Agency Lead**	
Site Address:	SR 2232	**NFA or NFA-Restricted Use?**	No
City:		**Unable to Locate**	○
State Plane X:		**Latitude:**	
State Plane Y:		**Longitude:**	

Directions: SR 2232 GRAYS CREEK

LDFL Size (Acres):		**Present Within 1000 ft of Ldfl**			
Property Size (Acres):		**Church**	No	**Residence On Ldfl?**	No
Date Open:	1975	**School**	No	**Potable Well Within 500 ft?**	No
Date Closed:	1976	**Day Care**	No	**Adjoins Perennial SW?**	No
		Residential	No		

Notes: FROM TERRY DOVER'S LIST

(End Site Record)

Site Name:	CUMBERLAND CO LDFL - BEAVER DAM	**In IHS Inventory?**	No
ID Number:	NONCD0000736	**Other Agency Lead**	
Site Address:	NC 210	**NFA or NFA-Restricted Use?**	No
City:		**Unable to Locate**	○
State Plane X:		**Latitude:**	
State Plane Y:		**Longitude:**	

Directions: NC 210 (BEAVER DAM)

LDFL Size (Acres):		**Present Within 1000 ft of Ldfl**			
Property Size (Acres):		**Church**	No	**Residence On Ldfl?**	No
Date Open:	1975	**School**	No	**Potable Well Within 500 ft?**	No
Date Closed:	1976	**Day Care**	No	**Adjoins Perennial SW?**	No
		Residential	No		

Notes: FROM TERRY DOVER'S LIST

(End Site Record)

Site Name:	CUMBERLAND CO LDFL - BONES CREEK	**In IHS Inventory?**	No
ID Number:	NONCD0000733	**Other Agency Lead**	
Site Address:	SR 1400	**NFA or NFA-Restricted Use?**	No
City:		**Unable to Locate**	○
State Plane X:		**Latitude:**	
State Plane Y:		**Longitude:**	

Directions: SR 1400 BONES CREEK

LDFL Size (Acres):		**Present Within 1000 ft of Ldfl**			
Property Size (Acres):		**Church**	No	**Residence On Ldfl?**	No
Date Open:		**School**	No	**Potable Well Within 500 ft?**	No
Date Closed:	1975	**Day Care**	No	**Adjoins Perennial SW?**	No
		Residential	No		

Notes: FROM TERRY DOVER'S LIST

(End Site Record)

Site Name:	CUMBERLAND CO LDFL - TRAILER TOWN	**In IHS Inventory?**	No
ID Number:	NONCD0000734	**Other Agency Lead**	
Site Address:	US 401 BYPASS	**NFA or NFA-Restricted Use?**	No
City:		**Unable to Locate**	○
State Plane X:		**Latitude:**	
State Plane Y:		**Longitude:**	

Directions: US 401 BYPASS (TRAILER TOWN)

LDFL Size (Acres):		**Present Within 1000 ft of Ldfl**			
Property Size (Acres):		**Church**	No	**Residence On Ldfl?**	No
Date Open:		**School**	No	**Potable Well Within 500 ft?**	No
Date Closed:	1978	**Day Care**	No	**Adjoins Perennial SW?**	No
		Residential	No		

Notes: FROM TERRY DOVER'S LIST

(End Site Record)

Site Name:	CUMBERLAND CO LDFL - WADE GODWIN	**In IHS Inventory?**	No
ID Number:	NONCD0000735	**Other Agency Lead**	
Site Address:	SR 1802	**NFA or NFA-Restricted Use?**	No
City:		**Unable to Locate**	○
State Plane X:		**Latitude:**	
State Plane Y:		**Longitude:**	

Directions: SR 1802 (WADE GODWIN)

LDFL Size (Acres):		**Present Within 1000 ft of Ldfl**			
Property Size (Acres):		**Church**	No	**Residence On Ldfl?**	No
Date Open:	1974	**School**	No	**Potable Well Within 500 ft?**	No
Date Closed:	1975	**Day Care**	No	**Adjoins Perennial SW?**	No
		Residential	No		

Notes: FROM TERRY DOVER'S LIST

(End Site Record)

Site Name:	CUMBERLAND CO/CLIFFDALE LF	**In IHS Inventory?**	Yes
ID Number:	NCD980502900	**Other Agency Lead**	SWS
Site Address:	CLIFFDALE RD(SR	**NFA or NFA-Restricted Use?**	No
City:	FAYETTEVILLE	**Unable to Locate**	○
State Plane X:		**Latitude:**	35.0585
State Plane Y:		**Longitude:**	-79.0455

Directions: CLIFFDALE RD(SR 1402) & SR1400

LDFL Size (Acres):	42	**Present Within 1000 ft of Ldfl**			
Property Size (Acres):	42	**Church**	No	**Residence On Ldfl?**	No
Date Open:		**School**	No	**Potable Well Within 500 ft?**	No
Date Closed:	1983	**Day Care**	No	**Adjoins Perennial SW?**	No
		Residential	No		

Notes: CREOSOTE SALTS FROM CLARK & PROCTOR TURP CO IN FAYETTEVILLE. OWNED BY CUMBERLAND CO AS OF 2/2000.

(End Site Record)

Site Name:	FAYETTEVILLE CITY LF	**In IHS Inventory?**	No
ID Number:	NONCD0000267	**Other Agency Lead**	
Site Address:	DOC BENNETT RD	**NFA or NFA-Restricted Use?**	No
City:	FAYETTEVILLE	**Unable to Locate**	○
State Plane X:		**Latitude:**	34.983
State Plane Y:		**Longitude:**	-78.8691

Directions: NC 87 & AIRPORT ON DOC BENNETT RD

LDFL Size (Acres):	28	**Present Within 1000 ft of Ldfl**			
Property Size (Acres):	28	**Church**	No	**Residence On Ldfl?**	No
Date Open:		**School**	No	**Potable Well Within 500 ft?**	No
Date Closed:	1980	**Day Care**	No	**Adjoins Perennial SW?**	No
		Residential	No		

Notes:

(End Site Record)

Site Name:	FAYETTEVILLE LDFL	**In IHS Inventory?**	Yes
ID Number:	NCD980502934	**Other Agency Lead**	
Site Address:	GRAY ST	**NFA or NFA-Restricted Use?**	No
City:	FAYETTEVILLE	**Unable to Locate**	○
State Plane X:		**Latitude:**	
State Plane Y:		**Longitude:**	

Directions: GRAY ST OFF US 301; ADJ TO CAPE FEAR R; N OF WWTP; ADJ TO S SIDE OF CUMBERLAND CO LDFL (MILAN YD LDFL IN HIS INV?)

LDFL Size (Acres):	20	**Present Within 1000 ft of Ldfl**			
Property Size (Acres):		**Church**	No	**Residence On Ldfl?**	No
Date Open:	1956	**School**	No	**Potable Well Within 500 ft?**	No
Date Closed:	1973	**Day Care**	No	**Adjoins Perennial SW?**	Yes
		Residential	No		

Notes: WASTE LUBRICATING OILS DUMPED IN 70'S. PISTOL RANGE IN 1992.

(End Site Record)

Site Name:	**HOPE MILLS DUMP**	**In IHS Inventory?**	No
ID Number:	NONCD0000264	**Other Agency Lead**	
Site Address:	SR 1119	**NFA or NFA-Restricted Use?**	No
City:	HOPE MILLS	**Unable to Locate**	○
State Plane X:		**Latitude:**	34.9626
State Plane Y:		**Longitude:**	-78.9358

Directions: SR 1119; ADJ TO ROCK FISH CREEK

LDFL Size (Acres):	1	**Present Within 1000 ft of Ldfl**			
Property Size (Acres):	3	**Church**	No	**Residence On Ldfl?**	No
Date Open:	1955	**School**	No	**Potable Well Within 500 ft?**	No
Date Closed:	1971	**Day Care**	No	**Adjoins Perennial SW?**	Yes
		Residential	No		

Notes: BRADSHAW OWNER IN 1971

(End Site Record)

Site Name:	HOPE MILLS LANDFILL	**In IHS Inventory?**	Yes
ID Number:	NCD980502983	**Other Agency Lead**	
Site Address:	1 MI S OF SR 1003 (	**NFA or NFA-Restricted Use?**	No
City:	HOPE MILLS	**Unable to Locate**	○
State Plane X:		**Latitude:**	34.9725
State Plane Y:		**Longitude:**	-79.0051

Directions: 1 MI S OF SR 1003 (CAMDEN RD) & SR1112

LDFL Size (Acres):	18	**Present Within 1000 ft of Ldfl**			
Property Size (Acres):	18	**Church**	No	**Residence On Ldfl?**	No
Date Open:		**School**	No	**Potable Well Within 500 ft?**	No
Date Closed:	1978	**Day Care**	No	**Adjoins Perennial SW?**	No
		Residential	No		

Notes:

(End Site Record)

Site Name:	LIEBER SANITATION DUMP	**In IHS Inventory?**	No
ID Number:	NONCD0000266	**Other Agency Lead**	
Site Address:	SHAW & MURCHIS	**NFA or NFA-Restricted Use?**	No
City:		**Unable to Locate**	○
State Plane X:		**Latitude:**	35.114
State Plane Y:		**Longitude:**	-78.9271

Directions: SHAW & MURCHISIN RDS

LDFL Size (Acres):	10	**Present Within 1000 ft of Ldfl**			
Property Size (Acres):	20	**Church**	No	**Residence On Ldfl?**	No
Date Open:	1964	**School**	No	**Potable Well Within 500 ft?**	No
Date Closed:	1971	**Day Care**	No	**Adjoins Perennial SW?**	No
		Residential	No		

Notes: E.J. LIEBER OPERATED

(End Site Record)

Site Name:	MILAN YARD LDFL	**In IHS Inventory?**	Yes
ID Number:	NCD980503031	**Other Agency Lead**	
Site Address:	NORTH ST EXT	**NFA or NFA-Restricted Use?**	No
City:	FAYETTEVILLE	**Unable to Locate**	○
State Plane X:		**Latitude:**	
State Plane Y:		**Longitude:**	

Directions: NORTH ST EXT

LDFL Size (Acres):		**Present Within 1000 ft of Ldfl**			
Property Size (Acres):		**Church**	No	**Residence On Ldfl?**	No
Date Open:		**School**	No	**Potable Well Within 500 ft?**	No
Date Closed:	1971	**Day Care**	No	**Adjoins Perennial SW?**	No
		Residential	No		

Notes: PISTOL RANGE IN 1992; WASTE LUBRICATING OILS DUMPED IN 70'S

(End Site Record)

Site Name:	OVERHILLS LANDFILL	**In IHS Inventory?**	No
ID Number:	NONCD0000784	**Other Agency Lead**	
Site Address:	NURSERY ROAD	**NFA or NFA-Restricted Use?**	No
City:		**Unable to Locate**	○

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

Directions:

LDFL Size (Acres):	3.2	**Present Within 1000 ft of Ldfl**			
Property Size (Acres):		**Church**	No	**Residence On Ldfl?**	No
Date Open:		**School**	No	**Potable Well Within 500 ft?**	No
Date Closed:		**Day Care**	No	**Adjoins Perennial SW?**	No
		Residential	No		

Notes:

(End Site Record)

Site Name:	**SPRING LAKE DUMP**	**In IHS Inventory?**	No
ID Number:	NONCD0000268	**Other Agency Lead**	
Site Address:	SR 1001	**NFA or NFA-Restricted Use?**	No
City:	SPRING LAKE	**Unable to Locate**	○
State Plane X:		**Latitude:**	35.1921
State Plane Y:		**Longitude:**	-79.0339

Directions: SR 1001, NW OF SPRING LAKE

LDFL Size (Acres):	44	**Present Within 1000 ft of Ldfl**			
Property Size (Acres):	45	**Church**	No	**Residence On Ldfl?**	No
Date Open:	1963	**School**	No	**Potable Well Within 500 ft?**	No
Date Closed:		**Day Care**	No	**Adjoins Perennial SW?**	No
		Residential	No		

Notes:

(End Site Record)

Site Name:	**STEDMAN DUMP**	**In IHS Inventory?**	No
ID Number:	NONCD0000265	**Other Agency Lead**	
Site Address:	HWY 210	**NFA or NFA-Restricted Use?**	No
City:	STEDMAN	**Unable to Locate**	○
State Plane X:		**Latitude:**	34.9667
State Plane Y:		**Longitude:**	-78.7262

Directions: HWY 210, 5 MI S OF TOWN

LDFL Size (Acres):	3	**Present Within 1000 ft of Ldfl**		**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:	1971	**Day Care**	No		
		Residential	No		

Notes:

(End Site Record)

Number of Sites: 17

(End County Record)

Site Name:	CUMBERLAND CO LDFL - WADE GODWIN	**In IHS Inventory?**	No
ID Number:	NONCD0000735	**Other Agency Lead**	
Site Address:	SR 1802	**NFA or NFA-Restricted Use?**	No
City:		**Unable to Locate**	○
State Plane X:		**Latitude:**	
State Plane Y:		**Longitude:**	

Directions: SR 1802 (WADE GODWIN)

✓

LDFL Size (Acres):		**Present Within 1000 ft of Ldfl**			
Property Size (Acres):		**Church**	No	**Residence On Ldfl?**	No
Date Open:	1974	**School**	No	**Potable Well Within 500 ft?**	No
Date Closed:	1975	**Day Care**	No	**Adjoins Perennial SW?**	No
		Residential	No		

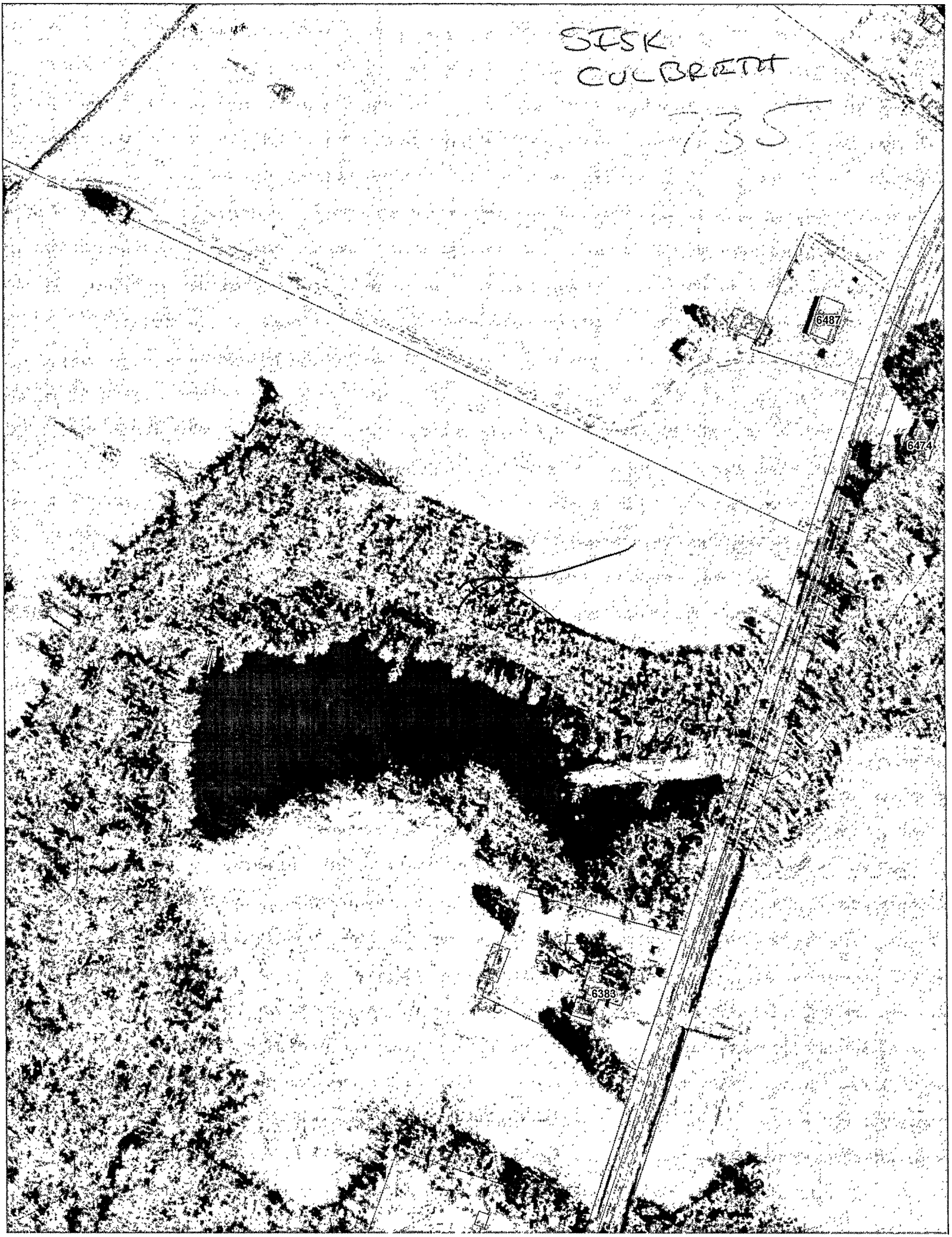
Notes: FROM TERRY DOVER'S LIST

(End Site Record)

Ruth, Smith Thornton

Pond + wet lands, some pine trees, lot of vines

old cotton field


SFSK
CULBREATH
735
6487
6474
6383

735

Cumberland Co

Cumberland

DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
SANITARY ENGINEERING SECTION

REPORT OF INVESTIGATION OR INSPECTION OF A CHEMICAL FIRE

Place visited Suffolk Chemical Company **Date** December 3, **19**79

Address 334 Worth Street, Fayetteville, NC **Time spent** 1½ hours

By whom Terry F. Dover, Eastern Program Supv., Solid & Hazardous Waste Management Branch

Persons contacted Ms. Sherry Matthews, Suffolk Chemical Company
(Owner, agent, tenant, manager, other)

Reason for visit Disposal of Residue

Copies to: Mr. Bill Meyer, Solid & Hazardous Waste Management Branch

REPORT:

After being notified by Lyle Honeycutt, Dept. of Agriculture, Pesticides Division, I visited Suffolk Chemical Company. Ms. Sherry Matthews was contacted, and relayed that approximately 81 55-gallon plastic containers of Glacial Acetic Acid had been damaged and could not be reused or reprocessed. There were also some assorted caustic agents in plastic jugs which could not be identified. Five hundred pounds of hydrated line had been scattered among the waste.

It was recommended that Suffolk Chemical Company contact RAD Services or SCA of South Carolina for proper disposal. Ms. Matthews fully agreed to this approach. I plan to recheck in one week to be sure proper disposal was carried out.

Health Department
County of Cumberland
Fayetteville, N.C. 28302 DWRVC

November 27, 1979

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

Dear Mr. Strickland;

The Hazardous Waste Workshop sponsored by the Fayetteville Area Chamber of Commerce, the Fayetteville Area Health Committee, and the Environmental Health Division of the Cumberland County Health Department held this date at Fayetteville Technical Institute in our opinion was a great success.

It is felt that the participants that attended this worthy and needed program gained extra knowledge as well as an appreciation of the hazardous waste program in general. As you know, the success of any new program depends, in large measure, upon the acceptance of the program and its worth by the people with whom the program concerns itself. As a result of this workshop we feel that the hazardous waste program will be more accepted by the receiving public. On behalf of the Health Department we wish to take this opportunity to convey our sincere appreciation for the most excellent and informative manner in which you and Mr. Myers gave your presentation on hazardous wastes this morning.

Very truly yours,

Jesse F. Williams, M.D., Director

Lacy Williams, Jr., R.S.
Director of Environmental Health

cc: Dr. Charles Speegle, Chairman
Cumberland County Board of Health

Mr. C. L. Twine
County Manager

Mr. James D. Adams, Jr., President
Fayetteville Chamber of Commerce

CUMBERLAND Co.
Cumberland
Gw+VC

STATE OF NORTH CAROLINA

DEPARTMENT OF HUMAN RESOURCES

Division of Health Services

JAMES B. HUNT, JR.
GOVERNOR

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

Hugh H. Tilson, M.D.
~~ACTING SECRETARY~~
DIRECTOR

SOUTH CENTRAL REGIONAL OFFICE
WACHOVIA BANK BUILDING
SUITE 506
225 GREEN STREET
FAYETTEVILLE, N.C. 28301

RECEIVED
NOV 29 1979
SOLID WASTE-VECTOR CONTROL

November 26, 1979

Mr. O.D. Purdie
Dupont (Fayetteville Works)
P.O. Drawer Z
Fayetteville, NC 28302

Dear Mr. Purdie:

This letter confirms our telephone conversation of this date concerning disposal of asbestos waste from your plant. You stated that the approximate volume would be six - 55 gallon containers per month.

Our office has no objections to the disposal of the waste in the Bladen County landfill with the following conditions:

1. All waste containers be properly labeled.

2. No omissions are allowed to the outside air.

3. Waste be covered immediately and separately from other routine solid waste.

These conditions are taken from E.P.A. Rules and Regulations concerning asbestos, Federal Register, volume 40, No. 199 - Tuesday, October 14, 1975.

It is requested that you contact Mr. Ikie Guyton, Bladen County Health Department to coordinate time of disposal, special preparations, etc.

If further questions arise, do not hesitate to contact us.

Sincerely,

Terry F. Dover

Terry F. Dover
Eastern Program Supervisor
Solid & Hazardous Waste
Management Branch

TFD:lp
cc: Andrew Robinson
Ikie Guyton

Cumberland

South Carolina Department of Health and Environmental Control

RECEIVED
NOV 26 1979
SOLID WASTE-VECTOR CONTROL

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2600 Bull Street
Columbia, S.C. 29201

November 19, 1979

Mr. John Barbeur
Cape Fear Valley Hospital
P.O. Box 2000
Fayetteville, North Carolina 28302

IN RE: Disposal Approval for Reagent Alcohol, Acetone, Xylene into Carolawn Company, Inc., -- Chester County

Dear Mr. Barbeur:

This office hereby grants approval for disposal of the above referenced waste at Carolawn Company, Inc., Ft. Lawn, South Carolina. Approval is contingent upon Carolawn receiving approval from the Bureau of Air Quality Control to operate the incinerator. Approval is for approximately 5 (55 gallon) drums monthly.

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 Cape Fear Valley Hospital 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. Cape Fear Valley Hospital 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.

Any changes in composition or volume of this waste, or if any problems are encountered during disposal, this authorization will be nullified. Also, this approval is only valid for disposal at the referenced site.

Your cooperation with this office is appreciated. If you have any questions, feel free to call on us.

Sincerely,

James R. Ullery

James R. Ullery, Environmental Engineer
Industrial Waste Section
Solid Waste Management Division

JRU/CDC/kk
cc: Gary Hogue
Bob Riggs
Boyce Falkner
O.W. Strickland

1878 Century of Service 1978

NOV 19 1979

4AH-RM

Mr. Lacy Williams, Jr., R.S.
Director of Environmental Health
Cumberland County Health Department
Fayetteville, North Carolina 28302

Dear Mr. Williams:

I am writing in response to your request to the Environmental Protection Agency (EPA) to conduct an education workshop directed primarily to hazardous waste - the extent of the problem and the need to manage hazardous waste.

Because this workshop would be part of the hazardous waste survey to be conducted by Cumberland County, I feel it would be more appropriate for the workshop to be co-sponsored with the North Carolina Division of Human Resources, rather than EPA. Although EPA would not co-sponsor the workshop, members of my staff would be available as speakers.

I recommend you work directly with Mr. Bill Strickland (NC - DHR) on selecting an agenda. Possible topics are: general overview of problem, laws and regulations, geology, movement of groundwater, spills and contingency plans, transportation regulations, and operation of a permited disposal facility.

It would appear that the workshops could be combined into a single two day conference for all parties, proferably in January. A January date would allow time for both speakers and participants to schedule a trip to Fayetteville.

I have assigned Ms. Rita Davenport of my staff to work with you and Mr. Strickland on this project. If you have any questions, please contact her at 404-881-3016.

Sincerely yours,

John Dickinson, Chief
Hazardous Waste Section

cc: Bill Strickland

Health Department

County of Cumberland

Fayetteville, N. C. 28302

November 13, 1979

Cumberland
SW & WC

Rose and Purcell, Inc.
P.O. Box 103
302 Bradford Avenue
Fayetteville, NC 28302

Gentlemen:

The Cumberland County Health Department concurs in your request to landfill wastewater treatment plant dewatered sludge as described on the sludge handling and disposal form contained in the body of the 201 plan. This sludge will come from the proposed Rockfish Creek wastewater treatment plant and proposed disposal will be in the new Cumberland County Landfill located approximately one half mile northwest of the US 301 Bridge crossing the Cape Fear River, Fayetteville, North Carolina.

May it additionally be noted at the time the sludge is generated, an analysis will be required. If rules and regulations controlling the disposal of sludge are modified by state or federal regulations, then landfill disposal will have to be re-evaluated.

If I or this department can be of further assistance in the study, please so advise.

Very truly yours,

Lacy Williams, Jr. R.S.

Lacy Williams, Jr., R.S.
Director of Environmental Health

cc: Mr. O.W. Strickland
Mr. William Myers
Mr. C.L. Twine

Health Department
County of Cumberland
Fayetteville, N. C. 28302 FWTVC

November 13, 1979

Rose and Purcell, Inc.
P.O. Box 103
302 Bradford Avenue
Fayetteville, NC 28302

Gentlemen:

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May it additionally be noted at the time the sludge is generated, an analysis will be required. If rules and regulations controlling the disposal of sludge are modified by state or federal regulations, then landfill disposal will have to be re-evaluated.

If I or this department can be of further assistance in the study, please so advise.

Very truly yours,

Lacy Williams, Jr. R.S.

Lacy Williams, Jr., R.S.
Director of Environmental Health

cc: Mr. O.W. Strickland
Mr. William Myers
Mr. C.L. Twine

Cumberland

SWHC

November 8, 1979

Mr. Therrell L. Brown
Director
1601 B. Owen Drive
Fayetteville, NC 28304

Dear Mr. Brown:

Mr. William L. Meyer, Environmental Engineer, and I will present a program on November 27, 1979, covering the following topics:

(1) Laws Governing the Management of Hazardous Waste

(2) The Present North Carolina Program

(3) The Future Implementation of a Program to Meet RCRA Requirements

(4) Hazardous Waste Management Facility Requirements.

Sincerely,

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

OWS:ns

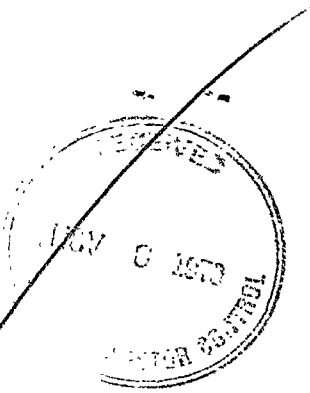
cc: Mr. Lacy Williams
Cumberland County Health Department

Health Department

County of Cumberland

Fayetteville, N. C. 28302

November 7, 1979



Mr. Therrel L. Brown, Director
Allied Public Health Education
Fayetteville Area Health Education Center
Fayetteville, N.C.

Re: Hazardous Waste Workshop

Dear Mr. Brown:

As previously discussed, a hazardous waste workshop has been planned for our area from 9 A. M. to 12 noon on November 27, 1979. The principal speaker for this occasion is Mr. O. W. Strickland from the Solid Waste Branch of the N. C. Division of Health Services at Raleigh.

The purpose for this class is provide participants up-to-date information regarding hazardous chemical and solid wastes. It is hoped that the participants will be better informed regarding what constitutes hazardous wastes and how these wastes should be properly disposed. A discussion of the applicable federal and state rules and regulations regarding the handling of hazardous wastes will be an important part of the program.

The provision of classroom facilities and equipment by your office is greatly appreciated. It would be very helpful also if your office could send out a brochure or other announcement regarding this workshop to other area public health professionals.

These hazardous waste workshop efforts are sure to lead to a better environment for all our citizens to whom we have great responsibilities.

Sincerely,

Lacy Williams, Jr., R. S.
Director of Environmental Health

cc: Mr. O. W. Strickland
Solid Waste Management Unit
Division of Health Services

Dr. Charles Speegle, Chairman
Cumberland County Board of Health

Mr. John Swope
Fayetteville Area Chamber of Commerce

Mr. C. L. Twine
County Manager

Cumberland
AWVC

RECEIVED
OCT 30 1979
WASTE-VECTOR CO.

STATE OF NORTH CAROLINA

DEPARTMENT OF HUMAN RESOURCES

Division of Health Services

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SECRETARY

HUGH H. TILSON, M.D.
DIRECTOR

SOUTH CENTRAL REGIONAL OFFICE
WACHOVIA BANK BUILDING
SUITE 506
225 GREEN STREET
FAYETTEVILLE, N.C. 28301

October 22, 1979

Mr. David Parnell
Parnell Patio & Pool
4728 Cumberland Road
Fayetteville, NC

Re: Refuge Site
Cumberland Road

Dear Mr. Parnell:

Mr. Danny Soles and I visited your refuse site on October 11, 1979, to determine the status of any or such corrective action.

As previously stated in my letter to you of September 11, 1979, I discussed your refuse site and the Solid Waste Management Rules with Mrs. Parnell (your wife). At such time I left with her a copy of the Solid Waste Management Rules and asked her to have you to contact me so we could have discussed this matter in greater detail.

During my recent visit of October 11, 1979, I found that satisfactory efforts had not been put forth to correct the deficiencies I discussed with your wife. Listed below are the deficiencies of your refuge site and the recommendations to correct such deficiencies:

1. All garbage shall be removed from the site and properly disposed of at an approved facility (Cumberland County landfill).

2. The refuge site must be permitted by the N. C. Hazardous & Solid Waste Management Program or properly closed out.

Again, I am requesting your cooperation in insuring that the necessary actions are properly initiated to bring your site into compliance with the Solid Waste Management Rules. This office is allowing you fifteen (15) days

to properly close out or to have the site permitted through this department. Another visit to your site will be made on November 5, 1979, to determine the status of such corrective action.

If there are any questions or if you would like to meet me on the site to further discuss the problem, please let me know.

Again, Mr. Parnell, please direct your immediate attention to this matter.

Sincerely,

Andrew L. Robinson, Jr., R.S.
District Sanitarian
Solid & Hazardous Waste Management Program

ALRjr:chp

cc: Mr. Terry F. Dover
Mr. Danny J. Soles

Bill Meyer

Fort Bragg
Cumberland Co.
Cumberland
Co. N.C.

October 16, 1979

Mr. Thomas W. Devine, Director
Air and Hazardous Materials Division
United States Environmental Protection Agency
Region IV
345 Courtland Street
Atlanta, Georgia 30308

Dear Mr. Devine:

As requested in your letter of September 25, 1979, I am asking Mr. William L. Meyer, Environmental Engineer, to serve on the Steering Committee for the PCB disposal at the Army facility.

Sincerely,

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

OWS:sms

cc: Mr. William L. Meyer

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET
ATLANTA, GEORGIA 30308

September 25, 1979

RECEIVED
OCT 5
SOLID WASTE

REF: 4AH-RM

O. W. Strickland, Director
Solid Waste & Vector Control Branch
Division of Health Services
North Carolina Department of Human Resources
P. O. Box 2091
Raleigh, North Carolina 27602

Dear Mr. Strickland:

Enclosed is the information the Army submitted to EPA on September 21, 1979 about the PCB problem. As you can see, the Army has outlined a good plan of action. They expressed a great desire to work closely with the State and EPA. We agreed to set up a steering committee composed of representatives of the Army, the State, and EPA. We sincerely hope you will participate on the committee.

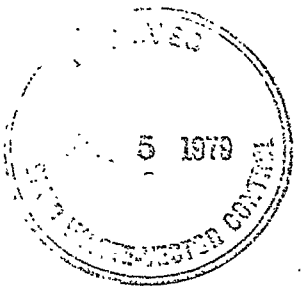
We think the PCB problem can only be resolved if all the concerned parties continue working together. Please let us know who from the State of North Carolina should be on this steering committee.

Sincerely yours,

Thomas W. Devine, Director
Air and Hazardous Materials Division

Enclosure

cc: Art Linton
Dave Hopkins



INFORMATION PAPER
FORT BRAGG PCB PROBLEM

PROBLEM

PCB contaminated soil on road shoulders at Fort Bragg, North Carolina.

BACKGROUND

On 28-29 June 1978, the soil on approximately 11 miles of road shoulders was contaminated with PCB containing material. Current estimates indicate approximately 3,000 cubic yards are contaminated above the 500 ppm level. The contamination was an intentional and illegal act by a third party. A chronology of events and actions to address the problem by the US Army is provided as Inclosure 1.

Actions to mitigate the effects of the PCB contamination have been delayed over the past 12 months. This delay occurred in awaiting USEPA response to a petition filed by the State of North Carolina for 'in situ' treatment of the contaminated material. The rejection of this petition has created a need to study the range of available alternatives.

PLANNED INITIATIVES

The US Army has retained the services of a consultant to study possible alternatives actions. The scope and purpose of this study is outlined at Inclosure 2. A tentative schedule of probable events associated with mitigating the problem is shown at Inclosure 3. While a reasonable estimate of the time required to complete all phases of the action is 12 months, this schedule is not firm. Timing of implementation will be largely dependent upon the nature of the alternative selected, the amount of resources needed, and the type of funds required.

CHRONOLOGY OF EVENTS
FORT BRAGG PCB PROBLEM
28 June 1978 - 20 September 1979

Date	Action/Event
28-29 Jun 78	PCB material disposed on Fort Bragg.
9 Aug 78	Spill material confirmed as PCB. At 1155 hours initial report submitted to USEPA.
16-17 Aug 78	USAEHA analyzed soil/water samples associated with Fort Bragg potable water supply.
29 Aug 78	Asphaltic compounds applied to spill area.
25-29 Sep 78	USAEHA analyzes soil/water samples in spill areas.
Jan - Feb 79	Fort Bragg/FORSCOM request in-place treatment and North Carolina petitions USEPA for rule change.
4 Jun 79	USEPA denies North Carolina petition.
9 Jul 79	Fort Bragg/FORSCOM/USEPA meet on proposed strategy to address problem.
4 Sep 79	Region IV USEPA proposes meeting to discuss Army strategy.
Sep 79	FORSCOM retains consultant to study alternatives (contract to be negotiated c. 21 Sep 79).

Incl 1

STUDY OUTLINE FOR ANALYSIS OF ALTERNATIVES
FORT BRAGG PCB PROBLEM

SCOPE AND PURPOSE

The study to be conducted at Fort Bragg will analyze the full range of options available to the US Army to address the PCB contamination problem. The study is being designed to accomplish two objectives:

1. To provide an objective and analytical investigation of alternatives with respect to health implications, environmental acceptability, economic feasibility, legality, and public acceptability, and

2. To provide sufficient justification for the resources necessary to implement the selected alternative. The study will attempt to measure the impacts of alternatives and compare the measurements to arrive at a recommended solution. The product will be suitable for use in an EA/EIS if such documentation is required.

ALTERNATIVES

The consultant will be given broad discretion to develop feasible alternatives. Three alternatives have been specified for investigation and will be evaluated:

1. No Action - This alternative is a requirement of NEPA and will provide information on probable future effects of the contamination if clean-up is not implemented.

THIS OUT Per White

2. Treatment-in-Place - This alternative will include consideration of existing and demonstration technology. Long-term effects and ramifications will be determined.

3. Soil Removal and Disposal/Storage - This alternative will consider disposal at existing, approved ladnfill sites; the creation of a new disposal site (both on and off the reservation); and will consider temporary storage of the material until technology provides a low cost, acceptable treatment process. Cooperative agreements for disposal with North Carolina counties facing similar problems will be investigated. The options within alternative will specify specific disposal/storage sites.

Cost estimates for all alternatives will be developed. Initial and life-cycle costs will be considered in determining the economic feasibility of each alternative.

DECISION-MAKING

The development and refinement of alternatives will be closely coordinated with North Carolina officials and with the USEPA. The preferred alternatives will be discussed with State and Federal representatives prior to final selection.

Incl 2

PROBABLE TIME SCHEDULE OF EVENTS

FORT BRAGG PCB PROBLEM

Time Frame	Action/Event
Oct 79 - Jan 80	Study of Alternatives
Nov 79 - Feb 80	Conduct EA/EIS (if required)
Feb 80	Select Alternative
Feb 80*	Program/Acquire Resources
*	Implement Solution

*NOTE: Selection of an alternative which involved construction of a landfill or other storage facility may extend the implementation phase. Selection of an alternative which involves accommodation of the problem faced by other county governments in the state (e.g., joint landfill) may extend the proposed schedule.

The highly sensitive nature of the problem, the controversy known to exist, and the extensive coordination required with various levels of government could significantly alter the time schedule and the probable events. The earliest date currently estimated to implement a solution is October 1980.

South Carolina
Department of
Health and
Environmental
Control

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C. Maurice Patterson

COMMISSIONER
Albert G. Randall, M.D., M.P.H.
2600 Bull Street
Columbia, S.C. 29201

July 24, 1979

RECEIVED
AUG 1979
SOLID WASTE-VECTOR CONTROL

W. D. Adams
Technical Buyer
E. I. Dupont de Nemours & Co., Inc.
Wilmington, DE 19898

RE: Disposal of waste carbonate solids from Fayetteville, NC at South Carolina SCA Services, Inc. in Pinewood, S.C. - Sumter County

Dear Mr. Adams,

This office hereby grants approval for disposal of the above referenced waste at the referenced site. Approval is for 150 drums per year of waste. This approval is as requested in Mr. Stilwell's letter of July 13, 1979.

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 E. I. Dupont de Nemours & Co., 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. E. I. Dupont de Nemours & Co., 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.

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., P.E., Manager
Industrial Waste Section
Solid Waste Management Division

EMW/dl
Enclosure
cc: W. E. Stilwell
Capers Dixon
Jerry Perkins

South Carolina
Department of
Health and
Environmental
Control

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AUG [illegible] 1979
SOLID WASTE-WATER CONTROL

COMMISSIONER
Albert G. Randall, M.D., M.P.H.
2600 Bull Street
Columbia, S.C. 29201

July 25, 1979

W. D. Adams
Technical Buyer
E. I. Dupont de Nemours & Co., Inc.
Wilmington, DE 19898

RE: Disposal of spent filters from Fayetteville, North Carolina at South Carolina SCA Services, Inc. in Pinewood, S.C. - Sumter County

Dear Mr. Adams,

This office hereby grants approval for disposal of the above referenced waste at the referenced site. Approval is for 5 drums per year of waste. This approval is as requested in Mr. Stilwell's letter of July 13, 1979.

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 E. I. Dupont de Nemours & Co., 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. E. I. Dupont de Nemours & Co., 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.

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., P.E., Manager
Industrial Waste Section
Solid Waste Management Division

EMW/dl
Enclosure
cc: W. E. Stilwell
Capers Dixon
Jerry Perkins

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C. Maurice Patterson

RECEIVED
JUL - 1979
SOLID WASTE-VECTOR CONTROL

COMMISSIONER
Albert G. Randall, M.D., M.P.H.
2600 Bull Street
Columbia, S.C. 29201

July 25, 1979

W. D. Adams
Technical Buyer
E. I. Dupont de Nemours & Co., Inc.
Wilmington, DE 19898

RE: Disposal of solids contaminated with HF from Fayetteville, North Carolina at South Carolina SCA Services, Inc. in Pinewood, S.C. - Sumter County

Dear Mr. Adams,

This office hereby grants approval for disposal of the above referenced waste at the referenced site. Approval is for 5 drums per year of waste. This approval is as requested in Mr. Stilwell's letter of July 13, 1979.

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 E. I. Dupont de Nemours & Co., 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. E. I. Dupont de Nemours & Co., 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.

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., P.E., Manager
Industrial Waste Section
Solid Waste Management Division

EMW/dl
Enclosure
cc: W. E. Stilwell
Capers Dixon
Jerry Perkins

1878 Century of Service 1978

South Carolina
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C. Maurice Patterson

RECEIVED
AUG 3 1979
SOLID WASTE-VECTOR CONTROL

COMMISSIONER
Albert G. Randall, M.D., M.P.H.
2600 Bull Street
Columbia, S.C. 29201

July 25, 1979

W. D. Adams
Technical Buyer
E. I. Dupont de Nemours & Co., Inc.
Wilmington, De 19898

RE: Disposal of waste phosphate solids from Fayetteville, North Carolina at South Carolina SCA Services, Inc. in Pinewood, S.C. - Sumter County

Dear Mr. Adams,

This office hereby grants approval for disposal of the above referenced waste at the referenced site. Approval is for 10 drums per year of waste. This approval is as requested in Mr. Stilwell's letter of July 13, 1979.

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 E. I. Dupont de Nemours & Co., 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. E. I. Dupont de Nemours & Co., 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.

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., P.E., Manager
Industrial Waste Section
Solid Waste Management Division

EMW/dl
Enclosure
cc: W. E. Stilwell
Capers Dixon
Jerry Perkins

1878 Century of Service 1978

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C. Maurice Patterson

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AUG 2 1979
SOLID WASTE-VECTOR CONTROL

COMMISSIONER
Albert G. Randall, M.D., M.P.H.
2600 Bull Street
Columbia, S.C. 29201

July 24, 1979

W. D. Adams
Technical Buyer
E. I. Dupont de Nemours & Co., Inc.
Wilmington, DE 19898

RE: Disposal of waste phosphate/carbonate solids from Fayetteville, NC at South Carolina SCA Services, Inc. in Pinewood, S.C. - Sumter County

Dear Mr. Adams,

This office hereby grants approval for disposal of the above referenced waste at the referenced site. Approval is for 270 drums per year of waste. This approval is as requested in Mr. Stilwell's letter of July 13, 1979.

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 E. I. Dupont de Nemours & Co., 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. E. I. Dupont de Nemours & Co., 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.

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., P.E., Manager
Industrial Waste Section
Solid Waste Management Division

EMW/dl
Enclosure
cc: W. E. Stilwell
Capers Dixon
Jerry Perkins

RECEIVED
AUG 10 1979
WATER SUPPLY BRANCH

N. C. State Board of Health, Laboratory Division, Raleigh, N. C. 8:25 PHONED LANDFILL

Certified Request For A Free Water Analysis

Name Of Owner or Tenant: COUNTY LANDFILL

County: CUMBERLAND

Source: Well (✓) Spring ( ) Other:

Depth 2 ft. Pump: Hand Operated ( ) Power Driven (✓) AWTVC

Collected By F WERNER Date 7-10-79 Time 10:40

(Mail Sample Immediately After Collection)

Signed [signature] (Indicate: M.D. or Sanitarian)

Address 515 Person St.

Fayett. N.C. 28302

ZIP CODE

Do Not Write Below This Line

Bacteriologic Analysis				Physical Analysis
LB		COLIFORM	BGB	Sediment
1	Not Found	✓	1	Odor
2			2	
3	Present		3	Color
4			4	Turbidity
5	MPN		5	Appearance

Key: V = Very, Sl = Slight, Mod = Moderate

Lab. No.	Received	Reported
453177 JUL 11 79	RECEIVED	JUL 13 1979

1300

JUL 16 1979

ENVIRONMENTAL HEALTH DIVISION

SBH Form 1294 LABORATORY

Reported By

GUILFORD LABORATORIES, INC.
P.O. Box 9735/Plaza Station/Greensboro, N.C. 27408

Clean Drinking Water Act Analyses and Data Sheet

Firm or System Owner (name) Cumberland County Landfill Phone 868-5975

Address Route 4, Box 314, (Street) Fayetteville, N. C. (City and State) 28304 (Zip Code)

System Name Same

Name of Person collecting sample Roy Washington

Sample Point Location Maintenance Shop

Type sample (well tap, plant tap, raw, finished, other)
well tap

Date sampled 7/16/79 Time 0900

Sample received at Laboratory: Date 7/18/79 Time 1000

Analysis begun: Date 7/18/79 Time 1400

Person responsible for analyses: J. A. Rayburn

Analytical Methods and Results:

Parameter	Method	Result	
Total Coliform	Multiple Tube	—	org/100ml
Nitrate	SM Pg. 461-464	2,014.0	µg/liter
Arsenic	EPA Pg. 95-96	-	"
Barium	SM Pg. 210-215	-	"
Cadmium	SM Pg. " "	-	"
Selenium	EPA Pg. 145	-	"
Silver	SM Pg. 210-215	-	"
Mercury	EPA Pg. 118-126	-	"
Chromium	SM Pg. 210-215	-	"
Lead	SM Pg. 210-215	-	"
Fluoride	SM Pg. 172-174	-	"

GUILFORD LABORATORIES, INC.

J. A. Rayburn

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
SOUTH CENTRAL REGIONAL OFFICE
225 GREEN STREET
WACHOVIA BUILDING — SUITE 506
FAYETTEVILLE, NORTH CAROLINA 28301

Cumberland

RECEIVED
JUN 18 1979
SOLID WASTE-VECTOR CONTROL

June 15, 1979

Mr. Hooper Hall, Manager
Liebers Sanitation Service
308 Mike Street
Fayetteville, NC

Dear Mr. Hall:

Please find enclosed a copy of the N. C. Department of Human Resources new Solid Waste Management Rules effective April 15, 1979. In reading these rules you will notice that increased responsibility is being placed on solid waste generators, collectors and transporters. Solid waste must be hauled to only those sites and facilities permitted to receive specific wastes.

It is most important that you relay to your customers that liquids or hazardous materials cannot be disposed of in sanitary landfills without specific approval. I would suggest that in writing future contracts you specify what wastes you can or cannot haul. Place the burden of responsibility for segregating waste on your clients.

If you have further questions or if I may be of further assistance, please do not hesitate to contact me,

Sincerely,

Terry F. Dover

Terry F. Dover
Eastern Program Supervisor
Solid & Hazardous Waste Management Program

TFD:chp
cc: O. W. Strickland
Lacy Williams, Jr.
Enclosures

BOARD
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

March 19, 1979

RECEIVED
MAR 28 1979
SOLID WASTE MANAGEMENT CONTROL

L. K. Walters
Rohm & Haas Company
Independence Mall West
Philadelphia, PA 19105

RE: Organic chemical & still bottoms
Roebuck Systems, Inc. - Spartanburg County

Dear Mr. Walters:

This office hereby grants approval for disposal of the above referenced waste at Roebuck Systems, Inc., Roebuck, South Carolina. Approval is for approximately 20,000 gallons per month of organic chemicals from your Bristol, Pennsylvania plant and 40,000-200,000 pounds of still bottoms from Favetteville, North Carolina.

Transport of this material must be in such a manner to prevent spillage or leakage and must comply with all State Public Service Commisison and Department of Transportation regulations. It is the responsibility of Rohm & Haas Company 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. Rohm & Haas Company 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. Also, this approval is only valid for disposal at the referenced site.

Your cooperation with this office is appreciated. If you have any questions, feel free to call on us.

Sincerely,

James R. Ullery

James R. Ullery, Environmental Engineer
Industrial Waste Section
Solid Waste Management Division

JRU/dl
cc: Bill Buffington
Ron Garrett
Charles Milford
William C. Bucciarelli
Jerry Perkins

- Cumberland
SW NC

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
SOUTH CENTRAL REGIONAL OFFICE
225 GREEN STREET
WACHOVIA BUILDING — SUITE 506
FAYETTEVILLE, NORTH CAROLINA 28301

RECEIVED
MAR 28 1979
SOLID WASTE-VECTOR CONTROL

March 23, 1979

MEMORANDUM TO THE FILE

FROM: Terry F. Dover T.F.D.
Eastern Program Supervisor
Solid and Hazardous Waste Management Program

SUBJECT: Spent Glycol spill at CB & R Company, Fayetteville, NC.

On March 22, 1979, Mr. Mick Nolan of the Division of Environmental Management notified me of a spill of spent glycol which occurred at CB & R Company, off Murchison Road, Fayetteville, North Carolina. Mr. Nolan requested assistance from me concerning the disposal of said material. I contacted Mr. Ernie Massei, owner of the firm, and surveyed the situation.

It was determined that approximately 500 gallons of spent glycol had been emptied from a railway tank car into a drainage ditch on Mr. Massei's property. Mr. Massei was directed to remove the spent glycol from the drainage ditch, mix it with sand, and store it on his property under a plastic cover until a final disposal solution was worked out. In that the location of the spill was on Fayetteville's secondary watershed area, Mr. Wally Venrick, Regional Engineer, Water Supply Branch, was also notified.

On March 23, 1979, after conferring with Mr. Bill Meyer, and Mr. O.W. Strickland of the Solid and Hazardous Waste Management Program and Mr. William Stinger, Environmental Control Engineer, E.I. Dupont, Wilmington Plant, it was determined that the waste could be properly disposed of in the Cumberland County sanitary landfill. Mr. Roy Washington, Assistant Supervisor of the county solid waste department, was notified and agreed to handle the waste. Mr. Massei informed me that hauling would begin immediately with full clean up expected by late this date.

TFD:lp
cc: Mr. W.E. Venrick
Mr. O.W. Strickland

Cumberland
SW & VC

February 26, 1979

Mr. Robert M. Bennett
City Engineer
218 Robeson Street
Fayetteville, NC 28301

Dear Mr. Bennett,

Site and operational plans for the City of Fayetteville Transfer Facility is approved with the following modification:

All drainage from the area under roof between the push pits and entrance to the building shall be drained to the sanitary sewer. Enclosed is a diagram of the area.

Experience with similar solid waste facilities indicates that wash water and runoff from this area will contain a high concentration of oxygen demand and biological materials; therefore, discharge to the sanitary sewer is necessary to prevent impact on surface water and minimize odor.

We sincerely appreciate your cooperative attitude on this modification and also the innovative approach to solid waste management by the development of this facility.

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

Respectfully,

William L. Meyer, Environmental Engineer
Solid Waste & Vector Control Branch
Sanitary Engineering Section

WEM:jk

Enclosure

cc: Mr. Terry F. Dover

THE CITY OF FAYETTEVILLE
NORTH CAROLINA

CHARTERED 1762

CITY ENGINEERING DEPARTMENT
OFFICE OF CITY ENGINEER
218 Robeson Street
Fayetteville, N. C. 28301
Telephone (919) 483-3654

Traffic Services Division
406 Alexander Street
Fayetteville, N. C. 28301
Telephone (919) 483-6585

February 2, 1979

RECEIVED
FEB 6 1979
SOLID WASTE-VECTOR CONTROL

State of North Carolina
Department of Human Resources
Solid Waste and Vendor Control Branch
Post Office Box 2091
Raleigh, North Carolina

Subject: City of Fayetteville Proposed Transfer Station

Enclosed are three sets of drawings of the City's proposed transfer facility which is to be constructed on a site east of Winslow Street and South of Pine Street.

The site and operation plans are submitted in accordance with Solid Waste Management Rules, Sections .0106 and .0108 and your letter dated January 26, 1979.

If you have any questions concerning this project, please let us know.

Robert M Bennett - 483-3659

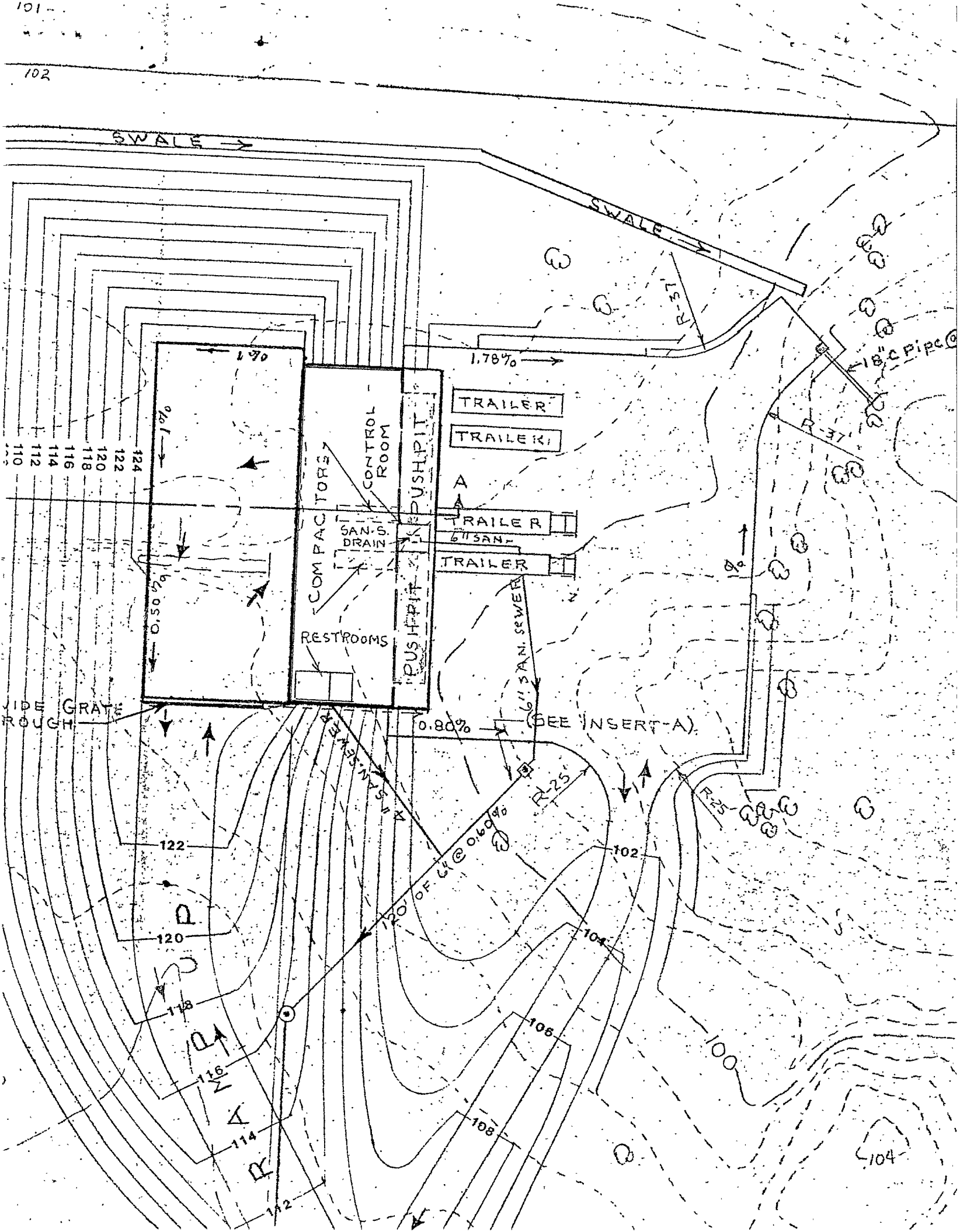
Robert M. Bennett
City Engineer

emn

CC: Mr. Terry Dover
Eastern Program Supervisor

Enclosures - 1) Drawings (3 sets)
2) Report 2/1/79

no Law for County Trucks



101
102
SWALE
SWALE
R-37'
1.78%
18" C Pipe
R-37'
TRAILER
TRAILER
TRAILER
TRAILER
A
COMPACTORS
CONTROL ROOM
PUSH-PIT
PUSH-PIT
SAN-S. DRAIN
6" SAN.
RESTROOMS
6" SAN. SEWER
0.80%
(SEE INSERT-A)
R-25'
R-25
4" SAN. SEWER
120' OF 6" @ 0.60%
1%
1%
0.50%
VIDE GRATE
ROUGH
RAMP UP
110
112
114
116
118
120
122
124
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106
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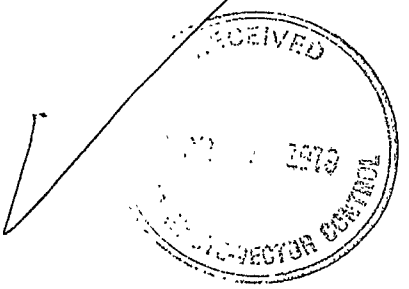
100
104

Cumberland

FEB 23 1979



REF: 4AH-RM

Mr. M. H. Brock, Chairman
Region M Council of Governments
Post Office Box 1510
Fayetteville, North Carolina 28302

Dear Mr. Brock:

Now that we have completed our review of the preapplications received for resource recovery project development grants under the President's Urban Policy, we are pleased to inform you that the Region M Council of Governments has been conditionally accepted for a funding award and to submit a formal application.

As explained in our October 17 Federal Register announcement, funding under this program will be made in the form of cooperative agreements. Formal award of funds will thus be contingent upon development of an acceptable project budget, detailed scope of work, and timetable for performance. EPA staff and technical consultants will be available during the next several weeks to assist with this important initial phase of project development.

As the first step in this process, we are currently planning to hold a workshop meeting in Atlanta, Georgia to discuss the process of developing project workscopes. Model workscopes and other information will be presented at that time. Our technical assistance contractor and members of our staff will be available to discuss this program and answer other questions you may have. We will be contacting you by telephone within the next several days to give you the exact time and place of the meeting.

We also want to advise you of our upcoming Resource Recovery Seminar in San Antonio, Texas, which will be held on March 20 and 21. For almost two years this two-day seminar has been presented by EPA at various locations around the country, and provides an excellent overview of current resource recovery technologies and the various institutional problems and issues involved in implementing a recovery project. If you or your key staff members have not attended this seminar in the past year, we strongly recommend that you attend our San Antonio program.

If you have any questions regarding these matters, please do not hesitate to contact Mr. Elmer G. Cleveland at area code 404, 881-3016. We look forward to working with you.

Sincerely yours,

John C. White
Regional Administrator

Cumberland
RECEIVED

CITY OF FAYETTEVILLE ENGINEERING DEPARTMENT

SOLID WASTE TRANSFER FACILITY

This facility will be located on a site east of Winslow Street and south of Pine Street. The facility will include:

1. Two (2) metal push-pits each with a 165 cubic yard capacity
2. Two (2) compactors which will displace 8.74 cubic yards per cycle
3. Three (3) 60,000 pound G.V.W road tractors
4. Four (4) refuse transfer trailers each with a 75 cubic yard capacity.

The equipment listed above (except the road tractors) is manufactured by E-Z pack, Peabody Solid Waste Management Systems.

The City will utilize its 36 refuse collection vehicles for pick up throughout the City. The loaded vehicles will weigh in on the 60,000 pound scale at the entrance of the site, proceed up the ramp and discharge its contents into the refuse push-pits on the upper level. The refuse is in turn pushed into another pit and compacted into the trailer by a compactor at the lower level. The complete process is controlled by an operator stationed at a control console located between the two push-pits on the upper level.

The dust created by the refuse being discharged into the push-pits is suppressed by a dust suppression system located above the push-pits. All other refuse dropped by the vehicles at the push-pits is swept and washed into the push-pits by attendants. All of the liquids compressed from the refuse and washed into the refuse push-pits is collected by a floor drain located centerally between the push-pits and compactor at the lower level. The liquid is then discharged into the City sanitary sewer system.

The floor on the lower level containing the push-pits and compactor are sloped on a one (1%) percent grade towards the floor drain.

Once the refuse trailers are fully loaded they are weighted on the scale as they leave the site to transport the refuse to the County landfill for proper disposal.

There are three separate drainage systems in the facility. One each for human waste, refuse liquid waste and storm water. All storm water and

roof water is collected and disposed of through swales, gutters, and piping away from the facility. Human waste is discharged into the City sanitary sewer system ahead of the refuse liquid waste which is also discharged into the sanitary sewer system.

The operation of this refuse collection facility will be the responsibility of the City Sanitation Department, Mr. Jimmy Jones, Superintendent. The facility will be manned and operated by personnel from that Department.

Future plans provide for landscaping and fencing of the complete facility and site for security and control.

Contract file
Place with
orders approval
dated 2/26/79.

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
SOUTH CENTRAL REGIONAL OFFICE
225 GREEN STREET
WACHOVIA BUILDING — SUITE 506
FAYETTEVILLE, NORTH CAROLINA 28301

January 26, 1979

Mr. Lacy Williams, Jr., R. S.
Director of Environmental Health
Cumberland County Health Department
Post Office Box 470
Fayetteville, North Carolina 28302

Dear Mr. Williams:

This letter confirms my visit on January 25, 1979, and subsequent evaluation of the old Willis Campbell Farm property located north of the sewage treatment plant and east of Gale Street in Fayetteville. Mr. Smoot Canady of your department, Mr. Bob Bennett, City Engineer, and I evaluated this property for its potential use as a sanitary landfill.

Mr. Bennett relayed to us that borings which had been taken by the city several years ago indicated a water table extremely high to the surface of the ground. Also water was always a problem for the old City of Fayetteville landfill which was located near this area. It is my opinion that the site is not suitable for sanitary landfill development because it joins the Cape Fear River and the great potential for ground water contamination in this area.

If you have any further questions or if I may be of any assistance, please do not hesitate to contact me.

Sincerely,

Terry F. Dover

Terry F. Dover
Eastern Program Supervisor
Solid Waste Management

TFD:jbr
cc: Mr. O. W. Strickland

Cumberland
Swr C

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
SOUTH CENTRAL REGIONAL OFFICE
225 GREEN STREET
WACHOVIA BUILDING — SUITE 506
FAYETTEVILLE, NORTH CAROLINA 28301

RECEIVED
JAN 29 1979
SOLID WASTE-VECTOR CONTROL

January 26, 1979

Mr. Robert M. Bennett
City Engineer
City of Fayetteville
218 Robeson Street
Fayetteville, North Carolina

Dear Mr. Bennett:

This letter confirms our conversation yesterday concerning submission of plans by the City of Fayetteville regarding the construction of your proposed transfer station.

You will note under the Solid Waste Management Rules prepared by this Division, Sections .0106 and .0108, the necessity for this Agency to review both site and operational plans for your proposed transfer station. As I mentioned to you yesterday, over the last 12 months I had requested from both Mr. Jimmy Jones, Superintendent of Street and Sanitation and Mr. Frank Dallas of your department, that plans be submitted. I am sorry there was a misunderstanding on your part and we look forward to receiving three copies of the plans as required under the rules.

Please address your correspondence to the Solid Waste & Vector Control Branch, North Carolina Division of Health Services, Post Office Box 2091, Raleigh, North Carolina 28301.

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

Sincerely,

Terry F. Dover

Terry F. Dover
Eastern Program Supervisor
Solid Waste Management

TFD:jbr
cc: Mr. O. W. Strickland
Mr. William Thomas, III.
Mr. Jimmy Jones

BOARD

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

January 25, 1979

RECEIVED
JAN 29 1979
SOLID WASTE-VECTOR CONTROL

Mr. H. M. Iwerks
Carodel Corporation
P.O. Box 630
Fayetteville, North Carolina 28302

IN RE: Amendment to Carodel approval into SCA Services, Inc. landfill
Sumter County

Dear Mr. Iwerks:

In reference to your letter dated December 14, 1978, this office hereby grants an amendment to the November 22, 1978 approval. The amendment encompasses the change in transportation from drums to steam heated container trucks and also a change in the quantity from 100,000 lbs. per month to 200,000 lbs. per month affective in June, 1979.

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 Carodel 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. Carodel 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, Jr./s.c.

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

/kk

cc: W. E. Stilwell
Capers Dixon
Jerry Perkins

79-0900 FYI DHR

Cumberland
SWNC

DEPARTMENT OF THE ARMY
HEADQUARTERS XVIII AIRBORNE CORPS AND FORT BRAGG
FORT BRAGG, NORTH CAROLINA, 28307

AFZA-DIC

28 December 1978

RECEIVED
PLANS AND PROGRAMS
JAN 11 1979

JAN 1979
RECEIVED
REGION "M"
COUNCIL OF
GOVERNMENTS

Mr. John H. Sutton
Executive Director
Region "M" Council of Governments
Post Office Box 53005
Fayetteville, North Carolina 28305

Dear Mr. Sutton:

We are in receipt of your letter of December 12th reference the study for an Environmental Protection Agency grant for the feasibility of solid waste resource recovery.

Fort Bragg has conducted studies in the past under the auspices of the Corps of Engineers Research Laboratories at Chanute Field, Illinois. Our report is available for your use if you so desire, but we do not feel it advisable to expend additional funds to conduct further studies at this time.

The Commanding General appreciates your interest in conserving the vital resources of our country and hopes that your efforts will be fruitful.

Sincerely,

J. R. Martina

JOHN R. MARTINA
Colonel, FA
Deputy Installation Commander

REGION "M" COUNCIL OF GOVERNMENTS
POST OFFICE DRAWER 1510
FAYETTEVILLE, N. C. 28302

REGION "M" COUNCIL OF GOVERNMENTS

~~851 ARSENAL AVENUE POST OFFICE BOX 3095~~ TELEPHONE 485-7111
FAYETTEVILLE, N. C. ~~28303~~

Date 12-6-78

CH# 79-097 (SCH# 79-0900)

Subject: Clearinghouse Review Statement

To: Region "M" Council of Governments
P.O. Drawer 1510, 130 Gillespie Street
Fayetteville, N.C. 28302

Applicant: Region "M" Council of Governments

Project Description: Resource Recovery Feasibility Study

This project has been reviewed by and through the Region "M" COG A-95 Clearinghouse with the final comment as follows:

(X) On the basis of a review by the Region "M" Council of Governments as of 12-5-78 and comments of other area agencies, we find the proposed project to be in keeping with area objectives and not in conflict with any area plans or programs.

( ) The Clearinghouse has the attached comments to be included with the application.

NOTE TO FUNDING AGENCY: Additional Clearinghouse comments can be expected from the State of North Carolina.

(X) This letter may be used as the official Regional Clearinghouse comments to accompany the application.

*The review and comments for this project are valid until 12-5-79. If the project is considered for funding after this date, please resubmit the application for an additional 30-day review.

cc: Supervisor, N. C. State Clearinghouse
Mr. Carter Twine, Cumberland Co. Mgr.
Mr. Cliff Strassenberg, CCJPB Director
Rose and Purcell

Clearinghouse Supervisor
Clyde R. Russell

Cumberland
SWVC

December 13, 1978

Mrs. Margaret L. Norton
1622 Sandra Drive
Fayetteville, NC 28304

Dear Mrs. Norton:

I have discussed your rodent problem with Mr. Lacy Williams, Jr., Cumberland County Health Department, and he has informed me that they are working to resolve the situation. I am sure that Mr. Williams and the Cumberland County Health Department are doing their very best to assist you with your problem.

Please let me know if I can be of any assistance to you.

Sincerely,

Thomas T. Blailock
Medical Entomologist
Solid Waste & Vector Control Branch
Sanitary Engineering Section

TTB/wss

cc: Mr. Jerry C. Perkins
Mr. Lacy Williams, Jr.

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
CENTER FOR DISEASE CONTROL
ATLANTA, GEORGIA 30333
TELEPHONE: (404) 633-3311

December 5, 1978

DEC 8 1978

Mrs. Margaret L. Norton
1622 Sandra Drive
Fayetteville, North Carolina 28304

Dear Mrs. Norton:

This is in response to your letter of November 14 to President Carter regarding the health conditions in your neighborhood.

We certainly empathize with your situation. As you stated in your letter you have brought the matter to the attention of the appropriate individuals.

I am taking the liberty of referring your letter to the North Carolina Department of Human Resources with the request that they ask the health department responsible to help you solve this problem.

Sincerely yours,

Vernon N. Houk, M.D.

Vernon N. Houk, M.D.
Director
Environmental Health Services Division
Bureau of State Services

cc:
North Carolina Department of Human Resources

NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES

TO Marshall Staton DATE 12/8/78

FROM Ron

- ☐ For your information ☐ Keep ☐ Return
- ☐ File ☐ For your signature ☐ For your approval
- ☐ Note and see me about this
- ☐ Prepare a reply
  - ☐ Your signature ☐ My signature
  - ☐ Send me a copy of reply
- ☐ Your comments
- ☑ Take charge of this
- ☐ Attach requested information
- ☐ Initial and route to

Tom Blalock liked to be briefed on findings and recommendations prior to report release.

RECEIVED
DEC 11 1978
SANITARY ENGINEERING SECTION

DHR 86 3/78

Health

'78 DEC 4 AM 9:

CDC, OFFICE OF
CENTER

November 14, 1978

Dear Sirs:

I am writing this letter regarding the present "Health" condition of our neighborhood. At the first of summer of this year, I discovered there were rats digging holes and nesting in my backyard. I promptly called The Orkin Company and also The Health Department out to investigate the matter. The Orkin Company came out and put poison bags out where the holes had been dug. The Health Department came out saying that something would be done, but as of this date, they have done nothing in this matter. Approximately a month later, I called The Health Department again. They, again, came out and looked the matter over, but still did not do anything. There is a ditch in my neighbor's yard that is infested with snakes and mosquitos. We all feel this is where alot of our problems are coming from. We have all cleaned up our own yards and lawns around us to keep it as clean as possible to keep down trouble, but there are rats and snakes that often pass through all of our yards.

We want to know why there can't be something done to eliminate these problems as we are taxpayers and pay dearly for such services as this. We want to know what can and will be done about this matter. We can't even go out into our yards for fear of getting biten by a snake or rat.

All your cooperation in this matter would greatly be appreciated. On behalf of the neighborhood, we await your reply.

Sincerely,

Margaret L. Norton

Margaret L. Norton
1622 Sandra Drive
Fayetteville, North Carolina, 28304
Phone 919-485-1361

NOV 28 AM 3:08

INSERT "A" SAN. SEWER OUTFALL

SECTION A-A (TYPICAL)
SCALE: 1"=20'

LEGEND:

- ● — SETTLEMENT PLATE
- ⊕ — MONUMENT
- ●UP — UTILITY POLE
- ◉ — SAN. SEWER MANHOLE
- ——— FINISHED ELEVATION
- - - - EXISTING ELEVATION
- ▣ SAN. GREASE TRAP MANHOLE

BM. ELEV. 106.63 - NAIL IN U. POLE

NOTE: REVISED & INSTALLED PRESSURE PLATES P-1 - P-6 ON JAN. 29, 79 BY F+R.

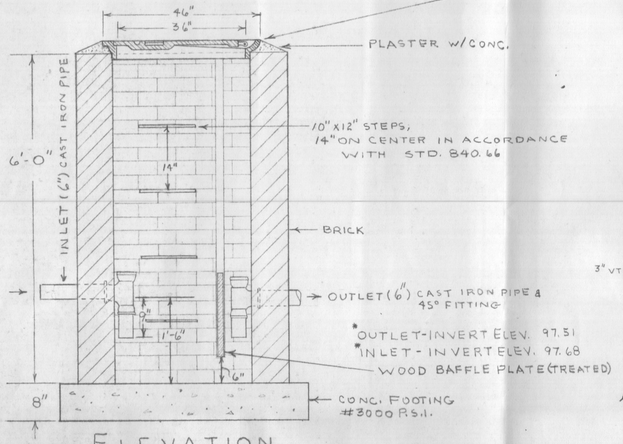
CITY OF FAYETTEVILLE
ENGINEERING DEPARTMENT

TRANSFER STATION SITE PLAN

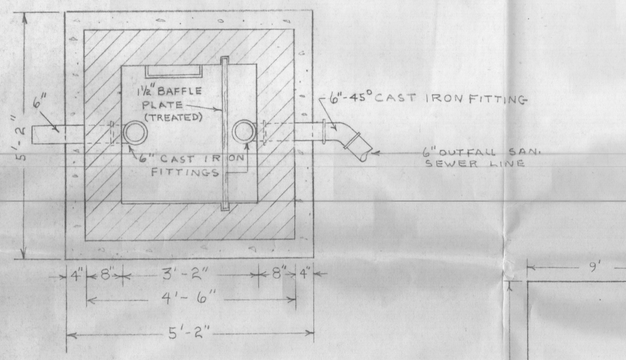
APPROVED MDB
CITY ENGINEER

DESIGNED BY	DRAWN BY	CHECKED BY	FIELD BOOK
F.J.D.	F.J.D.		NO. 155 PG.
SCALE 1"=40'	DATE DEC. 10, 78	JOB NO.	SHEET 1 OF 4

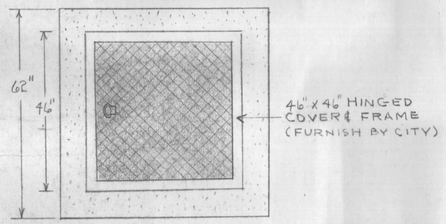
DUNCAN-PARNELL, INC., CHARLOTTE 476



ELEVATION
(NOT TO SCALE)



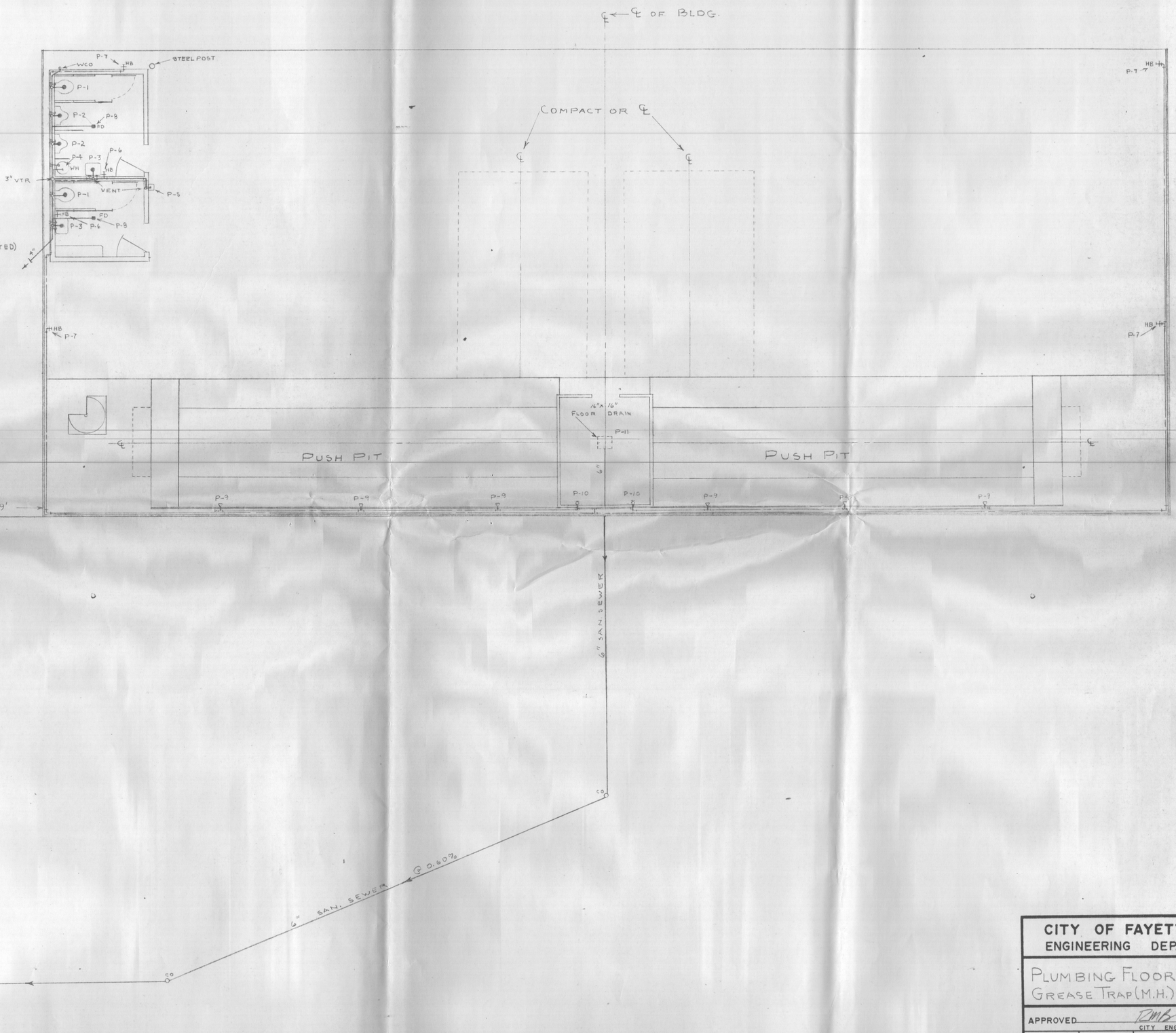
PLAN
(NOT TO SCALE)



TOP VIEW
(NOT TO SCALE)

GREASE TRAP (M.H.) DETAILS

NOTE: 1. ALL MORTAR JOINTS ARE TO BE 1/2" ± 1/8". INSIDE OF M.H. SHALL BE WIPED CLEAN OF ALL LOOSE MORTAR.
2. ALL 6" FITTINGS & PIPE IN GREASE TRAP SHALL BE COATED CAST IRON.



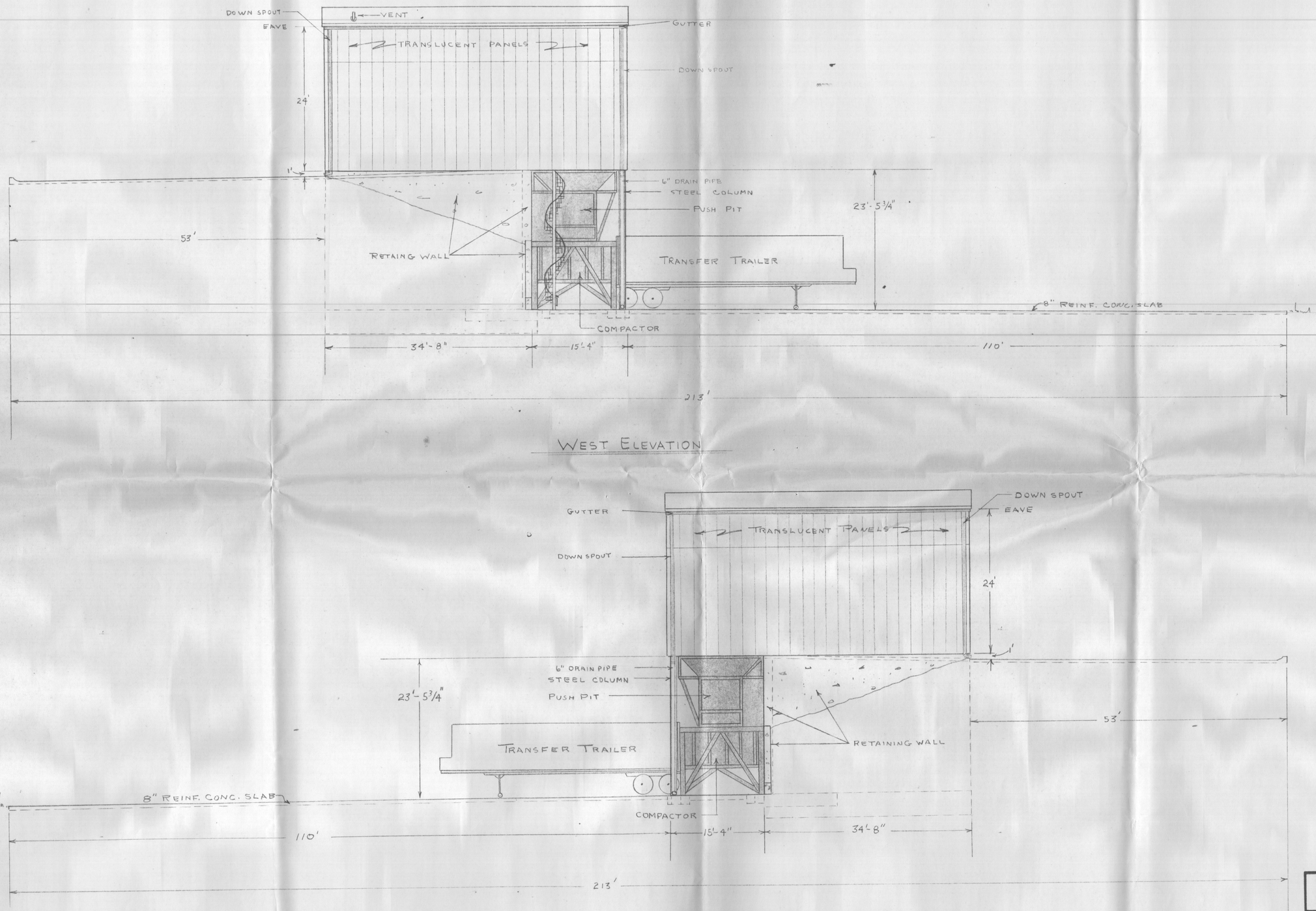
CITY OF FAYETTEVILLE
ENGINEERING DEPARTMENT

PLUMBING FLOOR PLAN & GREASE TRAP (M.H.) DETAILS

APPROVED _____ CITY ENGINEER

DESIGNED BY	DRAWN BY	CHECKED BY	FIELD BOOK
F. J.D.	F. J.D.		NO. 155 PG.
SCALE 3/16"=1'-0"	DATE JAN. 4, 79	JOB NO.	SHEET 2 OF 4

DUNCAN-PARNELL, INC., CHARLOTTE 476



WEST ELEVATION

EAST ELEVATION

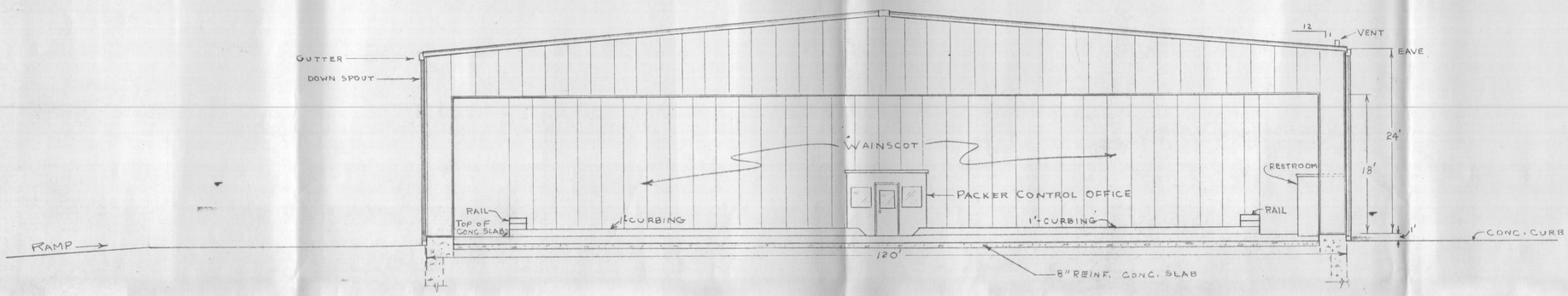
CITY OF FAYETTEVILLE
ENGINEERING DEPARTMENT

SIDE ELEVATION
TRANSFER STATION

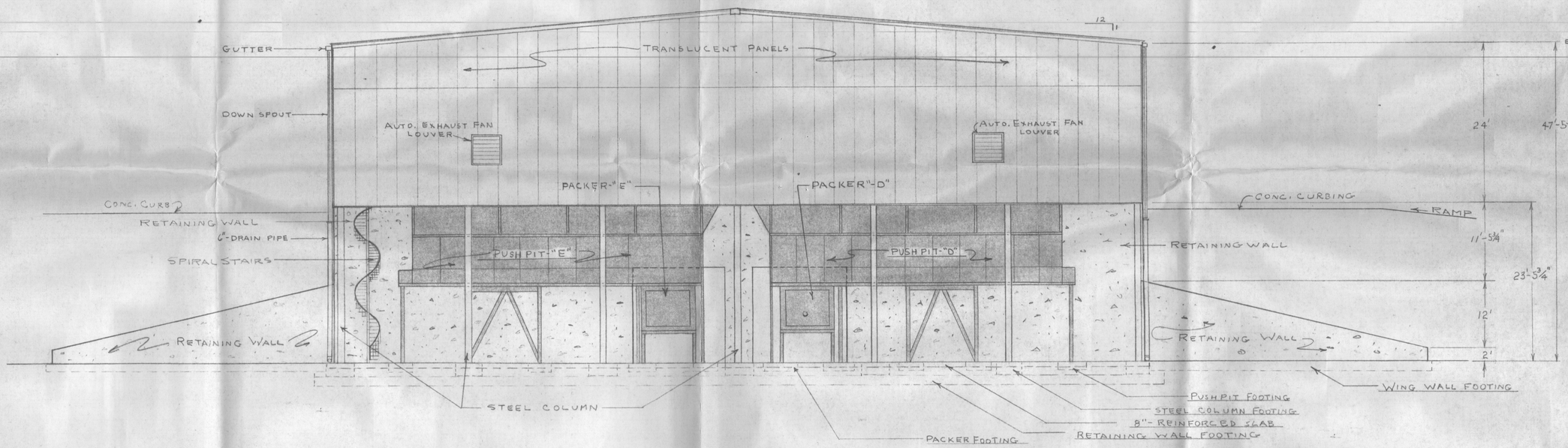
APPROVED _____ CITY ENGINEER

DESIGNED BY	DRAWN BY	CHECKED BY	FIELD BOOK NO. PG.
F. J. D.	F. J. D.		
SCALE 1/8"=1'-0"	DATE SEPT 9, 78	JOB NO.	SHEET 3 OF 4

DUNCAN-PARNELL, INC., CHARLOTTE 476



NORTH ELEVATION



SOUTH ELEVATION

CITY OF FAYETTEVILLE
ENGINEERING DEPARTMENT

ELEVATIONS
TRANSFER STATION

APPROVED _____ CITY ENGINEER

DESIGNED BY	DRAWN BY	CHECKED BY	FIELD BOOK
F. J. D.	F. J. D.		NO. PG.
SCALE 1/8"=1'-0"	DATE SEPT. 9, 78	JOB NO.	SHEET 4 OF 4

DUNCAN-PARNELL, INC., CHARLOTTE 476

BOARD
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

November 22, 1978

RECEIVED
DEC 4 1978
SOLID WASTE-VECTOR CONTROL

Mr. H. M. Iwerks
Carodel Corporation
P. O. Box 630
Fayetteville, NC 28302

RF: Ethylene Glycol Waste from Carodel into SCSCA SERVICES, INC. - Sumter County

Dear Mr. Iwerks:

This office hereby grants approval for the above referenced waste at the site located near Pinewood, South Carolina. This approval is subsequent to your request for disposal of October 6, 1978. Approval is granted for approximately 100,000 lbs., of ethylene glycol waste as described per month.

Transport of this material must be in such a manner to prevent spillage or leakage and must comply with all South Carolina State Public Service Commission and Federal Department of Transportation regulations. It is the responsibility of Carodel Corporation 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. Carodel Corporation 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.

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 Jr.

Earl M. Williams, Jr., Manager
Industrial Waste Section

EMW:ELG:dah

cc: William E. Stilwell, Jr.
Capers Dixon
Sidney H. Usry - NC

Enclosures

October 16, 1978

Mr. Robert S. Hutton
Paint Standards Engineer
Fasco Industries, Inc.
Post Office Box 150
Fayetteville, North Carolina 28302

Dear Mr. Hutton:

I have discussed the two chemical analyses of the sludge that you requested permission to place in the Cumberland County Landfill, with our chemist, Mr. Damon C. Antel, and Dr. R. J. Drye, Head, Environmental Sciences, Laboratory Section, Division of Health Services.

As long as the sludge continues to be as described by the two analyses and within the volumes stated, we have no objection to its being placed in a sanitary landfill.

I am sending a copy of this letter to the Cumberland County Manager, Mr. C. L. Twine. You will need to consult him, also, prior to disposal.

Sincerely,

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

OWS/was

cc: Mr. Lacy Williams, Jr.
Mr. C. L. Twine
Mr. Terry F. Dover

Bill –

I see no problem with this dry material – low in heavy metals (figures are in micro-grams). Has some aluminum but pH is 10.5 on one and 6.45 on the other – appears to be nothing soluble that could be hazardous. Damon

FASCO® CONSUMER PRODUCTS DIVISION

August 11, 1978

North Carolina Division of Health Services
P. O. Box 2091
Raleigh, North Carolina 27602

Attention: Mr. W. O. Strickland
Solid Waste Program Supervisor

Dear Mr. Strickland,

Mr. Terry Dover of your Fayetteville Office advised me to write you in regards to the disposal of sludge generated in the Paint Department of this facility.

Four paint spray booths are in operation at the present time. Two (2) booths are water wash and two (2) are dry booths. In the near future, the remaining water wash booths will be converted to dry booths.

Approximately 15 to 45 drums of sludge are generated annually. At the present time, we have 60 drums on hand. The composition of this sludge is such, that after a period of time, the material will become dry and hard.

I have enclosed two (2) different chemical analysis of the sludge accumulated here. Request permission be granted to dispose of this sludge at the Cumberland County Landfill.

Very truly yours,

FASCO INDUSTRIES, INC.

Robert S. Hutton

Robert S. Hutton
Paint Standards Engineer

RSH/cd

cc: Mr. Jerry Dover
Solid Waste and Vector Control Branch
225 Green Street
Wachovia Building, Suite 506
Fayetteville, North Carolina 28301

Water and Wastewater Analysis
Chemical Division

Soils and Concrete Testing
Physical Properties Division

RECEIVED
AUG 14 1978
SOLID WASTE-VECTOR CONTROL

ENVIRONMENTAL LABORATORY
of
Fayetteville, Inc.

4620 Yadkin Road — Phone 867-0697
Fayetteville, North Carolina 28303

NAME Fasco Industries

Date of Sample: Sept. 13, 1977

ADDRESS

Comments: All tests are run according to 14th Edition Standard Methods

Analysis
A. #1A
B.
C.
D.

Respecfully Submitted,

Billy G. Westbrook
Chemical Division Manager

	A	B	C	D
	# 1 A			
pH	10.5			
BOD (mg/l)				
COD (mg/l)				
Fecal Coliform (/100ml)				
Total Coliform (/100ml)				
Total Solids (mg/l)				
Total Suspended Solids (mg/l)				
Total Kjeldahl Nitrogen (~~mg/l~~)	51,629.8ug/kg			
Ammonia (as N) (mg/l)				
Oil & Grease (~~mg/l~~)	0.221425% of dry solids			
Total Phosphorus (~~mg/l~~)	66.77ug/kg			
Turbidity (NTU)				
Chloride (mg/l)				
Synthetic Detergent (MBAS)				
Acidity (as mg/l $CaCO_3$)				
Alkalinity (as mg/l $CaCO_3$)				
Chlorine (mg/l)				
Temperature				
Chromium-Total (~~mg/l~~)	173.0ug/kg			
Copper (~~mg/l~~)	3.0ug/kg			
Nickel (~~mg/l~~)	5.5ug/kg			
Zinc (~~mg/l~~)	3.11ug/kg			
Iron	1700.0ug/kg			
Manganese	2.5ug/kg			
Lead	494.0ug/kg			
Cadmium	< 2.0ug/kg			
Tin	<0.5ug/kg			
Aluminum	7400.0ug/kg			
Fluoride	8.93ug/kg			
Moisture content at 103-105°C	21.33 %			
Solid content at 103-105°C	78.67 %			

Nitrogen on dry sample is 31,849.07 ug/kg

Water and Wastewater Analysis
Chemical Division

Soils and Concrete Testing
Physical Properties Division

RECEIVED
AUG 16 1977
SOLID WASTE-VECTOR CONTROL

ENVIRONMENTAL LABORATORY
of
Fayetteville, Inc.

4620 Yadkin Road — Phone 867-0697
Fayetteville, North Carolina 28303

NAME Bob Hutton
Fasco Industries
ADDRESS

Analysis
A. #1
B.
C.
D.

Date of Sample: Sept. 13, 1977

Comments: All tests are run according to 14th Edition of Standard Methods

Respectfully submitted,

Billy C. Westbrook
Chemical Division Manager

	A	B	C	D
	#1			
pH	6.45			
BOD (mg/l)				
COD (mg/l)				
Fecal Coliform (/100ml)				
Total Coliform (/100ml)				
Total Solids (mg/l)				
Total Suspended Solids (mg/l)				
Total Kjeldahl Nitrogen	40.340.0			
Ammonia (as N) (mg/l)				
Oil & Grease	0.17355% of dry solids			
Total Phosphorus	35.79ug/kg			
Turbidity (NTU)				
Chloride (mg/l)				
Synthetic Detergent (MBAS)				
Acidity (as mg/l $CaCO_3$)				
Alkalinity (as mg/l $CaCO_3$)				
Chlorine (mg/l)				
Temperature				
Chromium-Total	65.6ug/kg			
Copper	2.4ug/kg			
Nickel	4.8ug/kg			
Zinc	17.3ug/kg			
Iron (ug/kg)	3600.0ug/kg			
Manganese	2.4ug/kg			
Lead	1400.0ug/kg			
Cadmium	6.0ug/kg			
Tin	<.5ug/kg			
Aluminum	2000.0ug/kg			
Fluoride	7.14ug/kg			
Moisture content at 103-105°C	38.7%			
Solid content at 103-105°C	61.3%			

Nitrogen on dry sampleis 24,728.42ug/kg

Cumberland
Dup VC

November 8, 1978

Mr. Johnnie Evans
Route 9, Box 425
Fayetteville, NC 28301

Dear Mr. Evans:

Your letter of October 27, 1978, in reference to the disposal of chemical waste has been received.

The list of material did not specify the amount or the strength of the materials. There are some materials on the list that are definitely not suitable for landfilling. The chlornated hydrocarbon, phosphate, and varsol are not suitable for landfilling. If you will provide me with the amount and strength of the remaining material, we will advise you of its suitability for disposal in a sanitary landfill.

Enclosed you will find a list of facilities that might provide you with proper disposal.

Sincerely,

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

OWS/wss

cc: Mr. Terry F. Dover
Mr. J. S. Canady

Enclosure

Rt. 9, Box 425
Fayetteville, N. C. 28301
27 October 1978

Mr. O. W. Strickland
Solid Waste Control
Branch P. O. Box 2091
Raleigh, N. C. 27602

Dear Mr. Strickland:

Mr. Snoop Cannady, Cumberland County Health Department, told me to write to you concerning chemicals that need to be moved from property owned by me.

I have contacted Mr. R. B. (Dick) Kelly, who was plant manager and a Chemist for the old company previously located on this property. He identified the materials and made statement as follows:

Cationic Softner for Textiles
Isopropyl Alcohol, 99%
Chlornated Hydrocabon
DDBSA Neutralized with TEA (soap)
Fatty Acid used to make soap
Cotton Softner
Wetting Agent
Phosphate
Penetranate containing Sulfonated Propel Oleate
Varsal

All are chemical intermediates for the manufacture of textile chemical specialities; such as detergents, surface tension depresants, cationic softners, non-ionic softners, penetrants, and anti-foam agents. The above is used extensively for the wet processing of fabric piece goods, and hosiery for the Textile Trade. All are bio-degradeble and none can be classified as carcinagens according to the latest data given to me by OSHA.

It is requested that you advise, as expeditiously as possible, what disposition can be made of these chemicals.

Yours very truly,

Johnnie Evans

JOHNNIE EVANS

Cumberland
LR

June 29, 1978

Mr. H. E. Benson
Production Area Supervisor
Carodel Corporation
Post Office Box 630
Fayetteville, North Carolina 28302

Dear Mr. Benson:

Your letter of June 19, 1978, requesting permission to dispose of empty antimony trioxide bags in the county landfill, has been received.

I have discussed the waste with Dr. R. J. Drye, Head, Environmental Sciences, Laboratory Section, Division of Health Services, and our staff chemist, and we feel that the material is too toxic to be placed in a routine landfill.

There are two companies planning hazardous waste disposal sites in North Carolina which we hope will be in operation within twelve months or so.

I am including a list of facilities that might be able to provide you a service.

Sincerely,

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

OWS/wss

cc: Mr. Terry F. Dover

enclosure

CARODEL
CORPORATION

June 19, 1978

Mr. O. W. Strickland
Solid Waste Program Supervisor
N.C. Division of Health Services
P. O. Box 2091
Raleigh, NC 27602

Dear Mr. Strickland:

Carodel Corporation is hereby requesting permission to dispose of empty antimony trioxide bags into the county landfill. (Highly toxic)

Liebers Sanitation of Fayetteville will be picking up these bags via dumpsters from our plant and carrying them to the county landfill area. Our present disposal rate is 40 bags per month with 275 bags per month expected by 1980.

Sincerely yours,

H. E. Benson
Production Area Supervisor

HEB:nn

PLANT: P.O. BOX 630 FAYETTEVILLE, NORTH CAROLINA 28302 TELEPHONE 919-323-5191
SALES OFFICE: ROHM AND HAAS BUILDING, PHILADELPHIA, PENNSYLVANIA 19105 TELEPHONE 215-592-3000

STATE OF NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
Division of Health Services

JAMES B. HUNT, JR.
GOVERNOR

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

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

SOUTH CENTRAL REGIONAL OFFICE
WACHOVIA BANK BUILDING
SUITE 506
225 GREEN STREET
FAYETTEVILLE, N.C. 28301

RECEIVED
APR 24 1978
WASTE-VECTOR CONTROL

April 21, 1978

Mr. O. W. Strickland
Unit Supervisor
Solid Waste & Vector Control Branch
Division of Health Services
Post Office Box 2091
Raleigh, North Carolina 27602

Dear Mr. Strickland:

As you requested, the following is a brief report concerning the problems of operation at the Cumberland County landfill.

Since January 1, 1978, I have made two official inspections of the site, one on January 3 and one on March 7, 1978. Numerous visits have been made over this period of time, the most recent visit being April 18, 1978. On this date basically the same problems were evident. Waste was being spread out over too large an area (approximately 1 acre). Waste was not being totally compacted as it should be. Little or no evidence of any daily cover was noted, the waste was being placed dangerously close to the surface water impoundment at the rear of the site. Blown material was scattered over much of the site. The access road was in terrible shape with trucks having to be pushed in and out of the site.

In my opinion, supervision, which is the underlying problem, is still lacking. As of this date no changes have been made in the management.

There is still a great need for adequate equipment to maintain the operation. It is my understanding that a new 20 yard pan has been purchased but has not been delivered. This will help but other equipment is also needed.

In summary, general appearance of the whole operation is very discouraging. My recommendations would be that we give a specific time table, for example July 1, for this site to be brought into total compliance with the operational requirements.

Sincerely,

Terry F. Dover

Terry F. Dover
District Sanitarian
Solid Waste & Vector Control Branch

TFD:jbr

April 11, 1978

Mr. C. L. Twine
County Manager
County of Cumberland
Post Office Drawer 1829
Fayetteville, North Carolina 28302

Dear Mr. Twine:

I am aware of the problems that the County of Cumberland is having in meeting the intent of the State requirements for operating a sanitary landfill. It is always very easy to look back at mistakes that were made that have created these problems, but really what I want to look for is a way to correct the problems.

Let me, if I may, suggest a few changes that I have seen successful in other counties.

1. The best money that can be spent is on proper supervision. A program that operates over one-half million dollars budget surely needs an experienced man at the top. Good supervision saves space in the fill, money on proper maintenance of equipment, less turn over of personnel, and receiving a day's work for a day's pay.

2. The County Board to allow you and the program supervisor to operate the program without undue interference.

3. Some long-range plans so everyone will know what to expect.

4. Proper plans to prevent the placing of containers in areas where house-to-house collection should be implemented.

5. The Board to be united behind the program.

I am available to meet with you and your board to discuss the above recommendations. The one thing that we must get across to the board is that the site must be brought into full compliance as soon as possible.

Please feel free to call Mr. Dover or me if we can be of assistance.

Sincerely,

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

OWS/wss

cc: Mr. Terry F. Dover

BILLY D. HORNE
CHAIRMAN
E. J. EDGE, JR.
VICE CHAIRMAN
W. E. TYSON
J. McN. GILLIS
LARRY A. THOMPSON

COUNTY OF CUMBERLAND

P. O. DRAWER 1829
FAYETTEVILLE, NORTH CAROLINA 28302

C. L. TWINE
COUNTY MANAGER
HEMAN R. CLARK
COUNTY ATTORNEY
MARY V. ABBOTT
CLERK TO BOARD

March 24, 1978

RECEIVED
MAR 29 1978
SOLID WASTE-VECTOR CONTROL

Mr. O.W. Strickland
Solid Waste Management Program
Division of Health Services
P.O. Box 2091
Raleigh, North Carolina 27602

Dear Mr. Strickland:

As I am sure you are aware we are experiencing some problems in meeting the regulations of the State in the operation of our landfill. As you remember, in October, 1977, the City of Fayetteville began disposing of their solid waste in the County Landfill when they experienced difficulty in finding a new landfill site. While we thought we might eventually go into a joint landfill operation with the City of Fayetteville we were not prepared to do so at that time. Plans had not been made and the site was not properly prepared to receive the amount of garbage brought into it. Therefore we had to begin disposing of solid waste in the final area which still needed some ten feet of excavation so we were forced in an area we were still trying to excavate.

In addition many pieces of our landfill equipment had about reached the end of their useful life. In July, 1977, the landfill operation was taken from the Cumberland County Health Department and made a regular department of the County. Several of the County Commissioners were interested in receiving proposals to operate the landfill by a private company, therefore, we were not allowed to purchase new equipment until they reached a decision on that matter. In January, 1978, the final decision was made by the Board for the County to continue the operation of the landfill. However, those Commissioners opposing the County's operation of the landfill wanted to appoint a citizens advisory committee to observe landfill operations and report to the Board. Since that time the Board had endeavored to appoint members for this Committee but have been unsuccessful in appointing a full Committee.

At the last meeting of the Board of Commissioners I made a recommendation to make an offer to the City of Fayetteville to purchase some of their equipment with which to operate our landfill. Again, the Board decided to table this recommendation until the Advisory Commission could determine our needs. While this is probably a good choice of action we still can not

obtain badly needed equipment. The best advice that I have been able to obtain seems to be that we need new management for the landfill operation. We are perfectly willing to try this avenue in attempting to improve the landfill operation. However, I do not believe that this will be the complete answer. I have discussed this matter with the present landfill supervisor. No final decision has been made at this time, but if we can secure agreement from the Board of Commissioners we plan to recommend new management at the landfill at the Commissioners Meeting on March 30 or as soon as possible thereafter.

We realize your concern and appreciate the help Mr. Dover has provided in seeking some solutions to our problems. However, one of the biggest problems, that of equipment, has not been settled at this time. We are continuing to try to get additional equipment at the landfill.

Yours truly,

C.L. Twine
County Manager

CLT/mf
cc: Terry Dover
District Sanitarian

Cumberland
LR

February 13, 1978

Mr. John Johnson
Regional Engineer
Land Quality Section
Wachovia Building
Suite 714
Fayetteville, North Carolina 28301

Dear John:

I have enclosed a guide to aid anyone preparing an erosion control plan for a landfill. I would appreciate your comments and/or suggestions.

I received the SCS book that you suggested. It is more detailed than the small book that we have been using.

Give me a call if you have questions. Let me know how you did on your P. E. exam.

Sincerely,

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

JGL/wss

Enclosure

Original of guide attached to letter to Dist Sanr. 2/13/78 from JGL

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
SOUTH CENTRAL REGIONAL OFFICE
225 GREEN STREET
WACHOVIA BUILDING — SUITE 506
FAYETTEVILLE, NORTH CAROLINA 28301

RECEIVED
JAN 9 1978
SOLID WASTE-VECTOR CONTROL

January 6, 1978

Mr. Lacy Williams, Jr., R. S.
Director of Environmental Health
Cumberland County Health Department
Post Office Box 470
Fayetteville, North Carolina 28302

Dear Mr. Williams:

On January 3, 1978, I accompanied Joe Gladden on site investigations of two tracts of property within Cumberland County.

The first tract commonly known as the "Bethune Property" is approximately 23 acres which joins the backside of the present landfill. I see no problems in development of a portion of this property for sanitary landfill. I am sure this property has similar characteristics encountered at the present landfill.

The second parcel of property which is located on both sides of SR 2029 in the lower section of the Cedar Creek community is commonly known as the "Melvin Property". There are 200± acres in this tract. My above ground investigation revealed a high water table over much of this property. Drainage canals are crisscrossed over this entire area of the Cedar Creek community. This area also reminds me of the Bladen Lakes region in that the soil types tend to be large granular sand which you know is most difficult not only from an operation point of view, but from a soil permeability standpoint. Coarse sands do not give us adequate sealing characteristics for sanitary landfill. I could not in good conscience recommend this site.

If you have any further questions or if I may be of further assistance to you, please do not hesitate to contact me.

Sincerely,

Terry F. Dover

Terry F. Dover
District Sanitarian
Solid Waste & Vector Control Branch

TFD:jbr
cc: Mr. O. W. Strickland

January 6, 1978

Mr. Carter Twine, Manager
Cumberland County
Cumberland County Courthouse
Fayetteville, North Carolina 28302

Dear Mr. Twine:

In reply to your request by telephone on January 5, 1978, I make the following statement:

The Division of Health Services, Solid Waste Management Rules do not require a gas barrier to be installed on a landfill site in North Carolina unless there are specific situations that would cause one to be needed. There is only one site in North Carolina that has a gas barrier included in the plans, and that is a site located at an automobile racetrack where a garage is adjacent to the site.

Ground water and surface water monitoring stations have been established at many sites in North Carolina, and this has become a routine requirement at new sites.

As for leachate treatment facilities, there is not one in North Carolina. It is our experience that if a site is suitable and properly planned, then leachate will not become a problem provided liquid waste is not placed in the site, which is not approved in North Carolina.

I trust that this answers some of the questions. I would be happy to meet with you and discuss them in more detail.

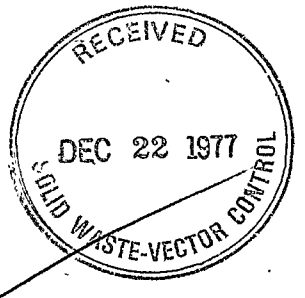
Sincerely,

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

OWS/wss
cc: Mr. Lacy Williams, Jr.
Mr. Terry F. Dover

Health Department
County of Cumberland
Fayetteville, N. C. 28302

December 20, 1977



Mr. O. W. Strickland, Supervisor
Solid Waste Management Unit
Solid Waste & Vector Control Branch
Sanitary Engineering Section
Department of Human Resources
Division of Health Services
P. O. Box 2091
Raleigh, North Carolina 27602

Dear Mr. Strickland:

This date in a discussion, it was pointed out by a representative of Brenner, a solid waste firm of Winston Salem, that in recent days or possibly weeks, a new federal law has been enacted that requires at least three miles distance between any proposed solid waste disposal site (landfill) and an airport facility. The latest information I have regarding this is an order from the Department of Transportation, Federal Aviation Administration, Southern Region, dated May 24, 1974, and signed by Mr. Phillip M. Swatek stating the 10,000 lineal foot distance criteria.

Your prompt reply regarding this matter will be greatly appreciated being that this county is in search of a disposal facility and some proposal sites might be effected if the new ruling is in effect.

MERRY CHRISTMAS and a most prosperous NEW YEAR.

Very truly yours,

Lacy Williams, Jr.

Lacy Williams, Jr.,R.S.
Director of Environmental Health

cc: Terry Dover
Billy Horne
E. J. Edge, Jr.
Richard Davis
Heman Clark

December 16, 1977

Mr. Lacy Williams, Jr., Director
Cumberland County Department of
Environmental Health
Box 470
515 Person Street
Fayetteville, North Carolina 28302

Dear Mr. Williams:

After careful consideration of the type and volume of waste received at the Cumberland County Landfill, including all the solid waste from the municipalities in the County, I feel that the following equipment is needed to adequately equip the site:

2 HR

1. Two (2) large compactors
2. One (1) medium dozer
3. Two (2) medium scrapers
4. One (1) water truck

The two compactors would be used for spreading and compacting the waste. The dozer would be used for site and road maintenance as well as back-up equipment when one of the compactors is down. The two medium scrapers would be much better than one large, as there would be earth-moving capabilities at all times even when one was being serviced or was down. The water truck would be used for dust control.

Sincerely,

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

OWS/wss

cc: Mr. Terry F. Dover

Health Department

County of Cumberland

Fayetteville, N. C. 28302

December 15, 1977

Mr. O. W. Strickland, Chief
Solid Waste Management Program
Solid Waste & Vector Control Section
Sanitary Engineering Division
Division of Health Services
P. O. Box 2091
Raleigh, North Carolina 27602

Dear Mr. Strickland:

I am writing this in reference to our conversation regarding the amount of equipment needed to properly operate the County of Cumberland's landfill program. As explained to you through the proposals or bids received from Brenner Industries and Waste Management, Incorporated, each company listed:

1 CAT D8K Dozer
1 CAT 826B Compactor
1 CAT 827B Tractor Scraper

Also, Brenner listed one (like new) No. 12M Motor Grader along with other items, but these would be the major landfill items of equipment for landfill purposes.

I will ask you the same question again as I proposed to you and Mr. Dover. Is this equipment capable of handling the volume of refuse in general that is received at a given site? As you know, the site is to be selected and this has variables. Being that this is a most urgent request, I would like your comments regarding this item immediately since the firms will present their proposals to the Board of County Commissioners on Monday, December 19, 1977. The administration, if I understood it correctly, will come up with their recommendations.

The reason I am writing and requesting this material is due to the fact that Mr. Dover has recommended numerous times that the county purchase additional equipment. We have $220,000 in this year's budget for new equipment. We had in mind a 22-yard elevator double barrel pan and one additional trash compactor. This would give us two items of each when purchased. I would appreciate your evaluation comments regarding this immediately. As usual, your assistance will be greatly appreciated.

Very truly yours,

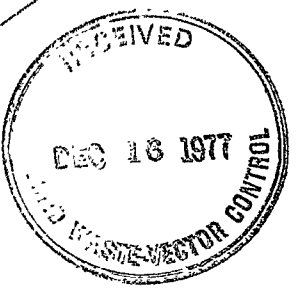
Lacy Williams, Jr.

Lacy Williams, Jr., R.S.
Director of Environmental Health

cc: Mr. C. L. Twine
County Manager

Mr. Billy Horne, Chairman
Board of County Commissioners

Health Department
County of Cumberland
Fayetteville, N. C. 28302



December 15, 1977

Mr. O. W. Strickland, Chief
Solid Waste Management Program
Solid Waste & Vector Control Section
Sanitary Engineering Division
Division of Health Services
P. O. Box 2091
Raleigh, North Carolina 27602

Dear Strick:

May I take this opportunity to personally thank you and Terry for making a most excellent presentation at our hearing regarding the proposed "terrible" landfill site that exists in the Gray's Creek Community in our county. I use the term "terrible" as it was pointed out at the public hearing. Both you and I know that it is an excellent site for a landfill proper.

In brief reiteration, you and Terry did a most outstanding job in presenting the facts, etc. May I again thank you for yours and Terry's valuable expertise and assistance regarding this endeavor.

I want to extend to you and Terry "Best Wishes" for the Christmas Season and may 1978 be your best year yet. I am letting this letter serve a dual purpose to personally thank you and Terry.

As a final closing remark, after the meeting, in talking with Commissioner Thompson, it was indicated that they might request you and your excellent staff to locate a landfill site or to evaluate the solid waste program in our county. To be truthfully, I do not know what they want and this is not meant facetiously.

Again, BEST WISHES FOR THE HOLIDAY SEASON!!!

Very truly yours,

Lacy Williams

Lacy Williams, Jr., R.S.
Director of Environmental Health

cc: Terry Dover, District Sanitarian
C. L. Twine, County Manager
Billy Horne, Chairman
Board of County Commissioners

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
SOUTH CENTRAL REGIONAL OFFICE
225 GREEN STREET
WACHOVIA BUILDING — SUITE 506
FAYETTEVILLE, NORTH CAROLINA 28301

RECEIVED
DEC 5 1977
SOLID WASTE-VECTOR CONTROL

December 2, 1977

Mr. Lacy Williams, Jr., R. S.
Director of Environmental Health
Cumberland County Health Department
Post Office Box 470
Fayetteville, North Carolina 28302

Dear Mr. Williams:

As you requested, on November 30, 1977, I made an inspection of the dike side slopes of the phase one area at the Cumberland County landfill. The purpose of the inspection was to determine if the slopes had been properly stabilized. All seems to be in order at this time. Siltation fences have either been reworked or replaced and the slopes have been reseeded.

As I am sure you understand, it is most difficult to give a blanket permanent approval for erosion control practices as over a period of time routine maintenance has to take place. Please contact the present landfill management and make sure that this is understood.

If you have any questions or if I may be of further assistance to you, please do not hesitate to contact me.

Sincerely,

Terry F. Dover

Terry F. Dover
District Sanitarian
Solid Waste & Vector Control Branch

TFD:jbr
cc: Mr. O. W. Strickland

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
SOUTH CENTRAL REGIONAL OFFICE
225 GREEN STREET
WACHOVIA BUILDING — SUITE 506
FAYETTEVILLE, NORTH CAROLINA 28301

RECEIVED
NOV 7 1977
SOLID WASTE-VECTOR CONTROL

November 4, 1977

Mr. Lacy Williams, Jr., R. S.
Director of Environmental Health
Cumberland County Health Department
Post Office Box 470
Fayetteville, North Carolina 28302

Dear Mr. Williams:

On November 3, 1977, I made a site evaluation of the approximately 70 acres known commonly as the old Ideal Brick Company property off SR 1710 in northern Cumberland County. In my opinion the site would be suitable for use as a rubble fill. As I am sure you are aware, we are above the water intake for the City of Fayetteville, but I do not believe this will be a problem with a closely regulated rubble site. There seems to be adequate material available on site which could be used for some intermediate cover and would present no problems as far as the final two feet of cover would be concerned.

Once again let me say, I believe the site would be suitable for this type of operation.

If you have any further questions, please contact me.

Sincerely,

Terry F. Dover

Terry F. Dover
District Sanitarian
Solid Waste & Vector Control Branch

TFD:jbr
cc: Mr. O. W. Strickland

October 28, 1977

Mr. D. H. Boyles, Jr.
Carolina By-Products Company, Inc.
2410 Randolph Avenue
Post Office Drawer 20687
Greensboro, North Carolina 27420

Dear Mr. Boyles:

Enclosed are tax certifications for Guilford and Cumberland counties.

The tax certifications for Buncombe, Lee, and Gaston counties were completed and mailed to Mr. Leonard W. Anderson, Post Office Box 20687, Greensboro, North Carolina 27420 on June 6, 1977.

Sincerely,

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

OWS/wss

cc: Mr. Terry F. Dover
Mr. Julian M. Foscue III
Mr. J. W. Moore, Jr.
Mr. C. Richard Doby, Sr.

Duplicate copies of June 6th certifications mailed 10/31/77 to; D. H. Boyles, Jr. Greensboro, N.C.

- Cumberland

JSR

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
SOUTH CENTRAL REGIONAL OFFICE
225 GREEN STREET
WACHOVIA BUILDING — SUITE 506
FAYETTEVILLE, NORTH CAROLINA 28301

August 29, 1977

Mr. J. W. Jones, Superintendent
Street and Sanitation Department
City of Fayetteville
Lamon Street
Fayetteville, North Carolina

Dear Mr. Jones:

This letter confirms our conversation of August 25, 1977, concerning close out of the City of Fayetteville landfill.

Even though you may be able to stretch the total final completion date of the fill operation, this office expects all completed areas including dyke side slopes to be properly covered with two feet of final cover, graded and be seeded by October 15, 1977.

Please keep in close contact with Mr. Frank Dallas of the Engineering Department so that we can be insured that final proper elevations are maintained.

If you have any questions or if we may be of further assistance to you, please do not hesitate to contact us.

Sincerely,

Terry F. Dover

Terry F. Dover
District Sanitarian
Solid Waste & Vector Control Branch

TFD:jbr
cc: Mr. O. W. Strickland
Mr. William G. Thomas

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
SOUTH CENTRAL REGIONAL OFFICE
225 GREEN STREET
WACHOVIA BUILDING — SUITE 506
FAYETTEVILLE, NORTH CAROLINA 28301

September 2, 1977

Mr. Lacy Williams, Jr., R. S.
Director of Environmental Health
Cumberland County Health Department
Post Office Box 470
Fayetteville, North Carolina 28302

Dear Mr. Williams;

The purpose of this letter is to inform you of my opinion concerning establishment of a rubble disposal site on the Burney property off of NC Highway 87.

As you are aware, the great majority of this property has been mined for sand and gravel; therefore, the water table is either near or at the surface of the ground. On any site established under these conditions, assurances would have to be given that water could be drained from a certain area so that we did not put waste directly into the water. Also, adequate intermediate and final cover would have to be available from some portion of the property.

If assurances could be given regarding the above mentioned items, I see no reason why this property could not be used as a rubble disposal area.

If you have any questions or if this office may be of further assistance to you, please contact me.

Sincerely,

Terry F. Dover

Terry F. Dover
District Sanitarian
Solid Waste & Vector Control Branch

TFD:jbr
cc: Mr. O. W. Strickland

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
SOUTH CENTRAL REGIONAL OFFICE
225 GREEN STREET
WACHOVIA BUILDING — SUITE 506
FAYETTEVILLE, NORTH CAROLINA 28301

RECEIVED
SEP 28 1977
SOLID WASTE-VECTOR CONTROL

September 27, 1977

Mr. Lacy Williams, Jr., R. S.
Director of Environmental Health
Cumberland County Health Department
Post Office Box 470
Fayetteville, North Carolina 28302

Dear Mr. Williams:

The tract of property I looked at off State Road 2238 known commonly as the Hughes property seems from an above ground evaluation to be feasible for possible landfill development. A tract of property this size and available for purchasing for sanitary landfilling is very hard to come by in Cumberland County.

Even though some of your borings indicate the presence of heavy clays, I still would recommend that you could pursue site approval for sanitary landfilling.

If you have any questions or if this office may be of further assistance to you, please contact me.

Sincerely,

Terry F. Dover

Terry F. Dover
District Sanitarian
Solid Waste & Vector Control Branch

TFD:jbr
cc: Mr. O. W. Strickland

Cumberland

H+R

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
SOUTH CENTRAL REGIONAL OFFICE
225 GREEN STREET
WACHOVIA BUILDING — SUITE 506
FAYETTEVILLE, NORTH CAROLINA 28301

August 29, 1977

Mr. H. Nelson Sellers, P.E.
Engineering Department
Rohm & Haas North Carolina, Inc.
Post Office Box 630
Fayetteville, North Carolina 28302

Dear Mr. Sellers:

This letter is in regard to your request to dispose of 21 pounds of barium chloride at Rohm & Haas' old landfill site.

We have discussed the disposal of this waste with Dr. R. J. Drye, Laboratory Section, Environmental Sciences, Division of Health Services. Dr. Drye has suggested that we mix the barium chloride with 250 pounds of lime and then place it in the landfill separate and apart from any other waste. It is understood that this is a one time disposal process for this waste.

If you have any further questions or if we can be of assistance to you, please do not hesitate to contact us.

Sincerely,

Terry F. Dover

Terry F. Dover
District Sanitarian
Solid Waste & Vector Control Branch

TFD:jbp
cc: Mr. O. W. Strickland

Cumberland
LTR

August 12, 1977

Mr. Fred Aysse, Administrator
Fayetteville Kidney Center, Inc.
Post Office Box 64665
1315 Avon Street
Fayetteville, North Carolina 28306

Dear Mr. Aysse:

Your letter of August 8, 1977 requesting information on the proper disposal of waste from a dialysis unit has been received.

This office recommends the incineration of all dialysis waste but when incineration is not available the following method can be approved.

Mutilite all needles, tubes, etc. that could be reused, place in a 0.5% solution of Sodium Hypochlorite Bleach for not less than 24 hours, then they may be placed in a sanitary landfill.

If there are questions or we may provide additional assistance, please let us know.

Sincerely,

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

OWS/tg

cc: Mr. Terry F. Dover

FAYETTEVILLE KIDNEY CENTER, INC.
P. O. BOX # 64665
1315 AVON STREET
FAYETTEVILLE, N. C.
28306

RECEIVED
AUG 9 1977
SOLID WASTE-VECTOR CONTROL

R. KENT WEBB, M. D.

CHOOMSANG LOHAVICHAN, M. D.

August 8, 1977

Mr. O. W. Strickland
Solid Waste Vector Control Branch
Div. of Health Services
P. O. Box 2091
Raleigh, N.C. 27602

Dear Mr. Strickland:

I would like information on the disposal of solid waste from a Dialysis unit. The waste would consist of dializer, needle, syringes, blood lines. This would be the bulk of the waste, there may be other incidental waste. The volume would approximately 1 cu. ft. per patient per treatment. On a patient population of 40 this would consist of approximately 480 cu. ft. per month.

Thank you,

Fred Aysse, Administrator

August 3, 1977

Mr. Joe P. Gladden
Sanitarian Supervisor
Cumberland County Health
Department
515 Person Street
Fayetteville, North Carolina 28302

Dear Joe:

Your letter of July 27, 1977, addressed to Mr. Terry F. Dover, District Sanitarian, in reference to liquid waste from the Cape Fear Valley Hospital has been forwarded to me for reply.

The waste listed on the attachment to your letter is not suitable for placing in a sanitary landfill. It is highly flammable and should be incinerated.

Sorry we could not be of more assistance.

Sincerely,

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

OWS/tg

cc: Mr. Terry F. Dover

Health Department

County of Cumberland

Fayetteville, N. C. 28302

July 27, 1977

Mr. Terry F. Dover
District Sanitarian
Division of Health Services
225 Green Street
Wachovia Building-Suite 506
Fayetteville, North Carolina 28301

Dear Mr. Dover:

Reference is made to the attached letter regarding the disposal of liquid waste.

We would appreciate any advise regarding disposal of this product by sanitary landfill method, at your earliest convenience.

Very truly yours,

Joe P. Gladden
Sanitarian Supervisor

Enclosure:

RECEIVED
AUG 3 1977
SOLID WASTE-VECTOR CONTROL

July 25, 1977

Cumberland County Health Department
Fayetteville, North Carolina

ATTN: Mr. Joe Gladden

Listed below are the names of the Liquid Wastes, which come from our Laboratory and are needing to be disposed of. These accumalate at the rate of Eight Gallons per week.

1) Xylene 2) Acetone 3) Reagent Alcohol

Thank you,

Robert Lambert

Robert Lambert
OSHA Coordinator

RWL:tms

- Cumberland
242

July 29, 1977

Mr. H. Nelson Sellers
Engineering Department
Rohm & Haas, Incorporated
Cedar Creek Road
Post Office Box 630
Fayetteville, North Carolina 28302

Dear Mr. Sellers:

I have discussed the disposal of Dimethyl Terephthalate and Polyethylene Terephthalate waste with Dr. R. J. Drye, Environmental Sciences, Laboratory Section, Division of Health Services.

This office has no objection to the placing of the above listed waste in the Rohm and Haas landfill on a one-time basis provided it is landfilled as follows:

The Dimethyl waste be landfilled in the containers;
The Polyethylene waste be mixed on a one-to-one ratio with earth prior to landfilling.

Please contact Mr. Terry F. Dover, District Sanitarian, South Central Regional Office, 225 Green Street, Wachovia Bank Building, Suite 506, Fayetteville, North Carolina 28301, so he may observe the disposal method.

Sincerely,

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

OWS/tg

cc: Mr. Terry F. Dover

June 27, 1977

Cumberland County Solid Waste
Department
Post Office Box 470
Fayetteville, North Carolina 28302

Dear Gentlemen:

With reference to your request of Friday, June 24, and Monday, June 27, 1977 the following information is provided.

There are a number of counties in North Carolina that utilize private enterprise for operating their solid waste management programs. The following counties contract their landfill operations: New Hanover, Alamance, Wake, Sampson, Edgecombe, and Randolph. The method of payment varies in the different counties so I would recommend you contact each county if you desire to know their rate and method of pay.

It has been our experience that a contract for a given period of time based on the amount of waste generated in a county is a better method than trying to estimate cubic yards or tonnage. In trying to estimate tonnage by the number of cubic yards can vary a great deal depending on the type of waste. In areas where we have no other choice we use 400 lbs. per cubic yard for compacted waste and 150 lbs. per cubic yard for uncompacted waste in computing tonnage.

We have experienced much improvement at the sites now operated by private enterprises as they are more aware on how to bid as well as the conditions required at a site. I would say that overall the sites operated by private enterprises are comparable with sites operated by local units of government.

Enclosed is a chart giving our best estimate of landfill cost as of July 1, 1976. The cost as stated on the chart includes total cost.

I trust that this information will be helpful and if we can provide additional information please let us know.

Sincerely,

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

OWS/tg

Enclosure
cc: Mr. Terry F. Dover

- Cumberland
3 tp

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
SOUTH CENTRAL REGIONAL OFFICE
225 GREEN STREET
WACHOVIA BUILDING — SUITE 506
FAYETTEVILLE, NORTH CAROLINA 28301

RECEIVED
JUN 13 1977
SOLID WASTE-VECTOR CONTROL

June 10, 1977

Mr. J. W. Jones, Superintendent
Street and Sanitation Department
City of Fayetteville
Lamon Street
Fayetteville, North Carolina

Dear Mr. Jones:

After my inspection of the City of Fayetteville landfill June 9, 1977, I have determined that the City of Fayetteville can only use the site for approximately thirty (30) more days without seriously jeopardizing the uniformity of the final elevations of the property. Even though I have looked at several new possible sites for the city, it is my understanding that no new site has been selected. I feel that it is necessary to inform you that on any new site the city can expect a time period of between forty-five (45) and sixty (60) days to obtain site approval and operational plan approval.

As I stated to you yesterday, I am available to you at any time to aid you in the selection of a new landfill site.

Sincerely,

Terry F. Dover

Terry F. Dover
District Sanitarian
Solid Waste & Vector Control Branch

TFD:jbr
cc: Mr. William G. Thomas
Mr. O. W. Strickland

- Cumberland
JHR

March 29, 1977

Mr. Gene Hair
Certified Welding Company
1605 Wilmington Highway
Fayetteville, North Carolina 28306

Dear Mr. Hair:

Your letter with reference to the disposal of liquid waste from Black & Decker Company, Fasco Incorporated, and Purolator Incorporated has been received.

This office must have specific information on the waste for each of these industries prior to making a recommendation on disposal. It is recommended that you advise each of the companies to contact this office with reference to their waste problem.

Sincerely,

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

OWS/tg

cc: Mr. Terry F. Dover

CERTIFIED WELDING CO.
1605 Wilmington Hwy
Fayetteville, N. C. 28306

O. W. Strickland
State Board of Health
P. O. Box 2091
Raleigh, N. C. 27602

Dear Mr. Strickland,

I am writing in regard to the phone call we had concerning liquid waste materials and disposal of such.

I am the owner of a small welding and maintenance business. I do some maintenance work for the following companys, Black & Becker Co., Fasco Inc., and Purolator Inc.. All these companys have this waste problem and I am sure there are other plants in this area have the same problem.

We need some place in the county to dispose of this waste, and hope you can be of some help with this. Enclosed is a report of what liquids and other waste from each of these plants that I do business with. I would appreciate an immediate reply to this pressing problem.

Thanking you in advance.

Sincerely,

Gene Hair
Certified Welding Co.

GH/jh

3/28/77 RJD Why is this a welders problem? We should deal with the responsible companies - not a possible hauler - much more definitive info. needed!

RECEIVED
MAR 24 1977
OHIO WASTE-VECTOR CONTROL

DETREX CHEMICAL INDUSTRIES, INC.
P. O. BOX 501
DETROIT, MICHIGAN 48232

CONFIDENTIAL INFORMATION

DETREX BOOTH TROL G	SODIUM CARBONATE	MAJOR
	INSOLUBLE PIGMENTS	MAJOR
	SODIUM SILICATES	MAJOR
	PETROLEUM OIL	MINOR

FMSCO IND

DETREX BOOTH TROL G

9704-8024

GENERAL DESCRIPTION

Detrex Booth-Trol G is a paint deflocculant, designed for use in water-wash paint spray booths.

Detrex Booth-Trol G is a damp, tan granular mixture. It contains defoamer, bactericide and anti-settling agent to minimize sludge formation.

NOTE: It is necessary that paint samples, thinned to use viscosity, be submitted to our laboratory for evaluation before recommending a deflocculant for a particular field application.

SPECIFICATIONS

Type of Product	-	Water-wash paint spray booth deflocculant
Appearance	-	Damp, tan granular mixture
Solubility	-	Fair
Odor	-	Non-objectionable
Foam	-	Slight
Corrosion Tendencies	-	Ferrous - negative Non-Ferrous - positive
pH	-	About 13

APPLICATION

Equipment	-	Mild steel
Concentration	-	1/16 to 1 ounce per gallon
Oper. Temp. Range	-	Ambient
Solution Contact Time	-	Not applicable
Control	-	Titration - 25 ml sample Factors: FA - 2.8, TA - 4.1

SAFETY DATA

Personnel - Normal precautions used when handling caustic type products. DO NOT allow chemical deposits to remain on the body and/or clothing.

PROCEDURE

When charging the Detrex Booth-Trol G, predissolve the compound in cold water, and add while the pumps are in operation. This will insure complete and uniform dissolution of the Booth-Trol G.

LITHO IN U.S.A

FMSCO IND

PUROLATOR, INC.

Breakdown of contents in sludge barrels is as follows:

60% water

5% paint

35% kerosene

Breakdown of paint contents is as follows:

solids - titanium oxide - pigment		
exempt solvents -	aliphatic	22%
	- aromatic hydrocarbons less than 8 carbons	20%
exempt	- glycol ether	17%
exempt	- saturated alcohol	15%
exempt	- saturated ester	26%

MATERIAL SAFETY DATA SHEET INFORMATION

PLEASE ATTACH FORMULA SHEET

RECEIVED
MAR 24 1977
SOLID WASTE-VECTOR CONTROL

511-2291

PRODUCT CODE 647X307

PRODUCT CLASSIFICATION ALKYD - MELAMINE

TRADE NAME KOROLITE ENAMEL - EMBASSY BEIGE

EXPERIMENTAL FLASH POINT (CLOSED CUP) 45° °F °C

WEIGHT/GALLON 8.69 LBS.

PERCENT VOLATILE BY VOLUME = 70.61 %

FORMULA COMPONENTS (IDENTIFY CHEMICALLY)		WT % IN PRODUC
VEHCILE (S)	ALKYD (50% Solids)	48.23
	MELAMINE (60% Solids)	4.25
	UREA (55% solids)	4.70
PIGMENT (S)	TITANIUM DIOXIDE	12.87
	ALUMINUM SILICATE	1.12
	YELLOW IRON OXIDE	0.78
	TINTS	0.24
SOLVENT (S)	(SEE ATTACHED SHEET)	
ADDITIVE (S), ETC.	WETTING AGENTS	0.22
	BENTONITE CLAY	0.17
	TRIETHYL AMINE	0.22
	PETROLATUM SOLUTION (15%)	1.57

INFORMATION PROVIDED BY M. Smith LOCATION Garland DATE 10-13-76

Solids by wt 45.23
Solids by vol 29.39

Solvent Analysis :	% wt Total	% vol volatile
Xyl	29.89	53.25
BuOH	4.74	9.11
S-100	3.91	6.97
NMP	14.54	30.65

DESOTO CODE 647X 307

SOLIDS BY WEIGHT 45.23 %

SOLIDS BY VOLUME 29.39 %

SOLVENT ANALYSIS:

COMPONENT	% WT TOTAL	% VOLUME VOLATILE
XYLOL	29.89	53.25
BUTANOL	4.74	9.11
SOLVESSO 100	3.91	6.97
VM & P	14.54	30.65

BLACK & DECKER MFG. CO.

Breakdown of contents of sludge is as follows: (Estimate)

	Water	30%
	Paint	5%
	Oils	20%
	Grease	2%
	Resins	20%
	Solvents	10%
(Water Soluable)	Cutting Fluids	2%
	Abrasive Grit & Metal Particals	11%

Breakdown of paint contents is as follows:

Solids by Volume 39%
Xylene, Aliphatic Hydrocarbon solvent, Acetone, VM & P Naptha, Methyl Normal Butylketone, Toluene.

Breakdown of resin contents is as follows:

Polyester/Styrene	40%
Cobalt (Accelerator)	12%
Organic Peroxide Catalysts	

Breakdown of solvents contents is as follows:

Ethyl Alcohol	Intex 8662, 8022
Diacetone Alcohol	8256, 878
Esso Toluol Solvesso	8017
Houghton Rust Veto 4214	8012

Breakdown of oil contents is as follows:

Mobil Met 308
Mobil Velocite 10
Mobil Aero Hyd. HFA
Mobil DTE 25
Mobil Met 715
Mobil Velocite 6
Mobil Vactra No. 2

Breakdown of cutting fluids is as follows:

Cimperial 20
Master Chemical Trimsol

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
SOUTH CENTRAL REGIONAL OFFICE
225 GREEN STREET
WACHOVIA BUILDING — SUITE 506
FAYETTEVILLE, NORTH CAROLINA 28301

RECEIVED
FEB 22 1977
SOLID WASTE-VECTOR CONTROL

February 18, 1977

Mr. Joe P. Gladden
Sanitarian Supervisor
Cumberland County Health
Department
Fayetteville, NC 28302

Dear Mr. Gladden:

Concerning your inquiry regarding the disposal of potentially hazardous wastes from the Cumberland County hospital system, the following recommendations are made. All the wastes should be mixed with portland cement and placed in a 55 gallon drum or drums so it may be landfilled. If there are any wastes which would be explosive when mixed together or combustible, they should be mixed separately with the portland cement.

I would recommend that you contact the hospital engineering department so that they may properly prepare the material prior to its burial at the landfill.

If you have any further questions or if I may be of further assistance to you, please do not hesitate to contact me.

Sincerely,

Terry F. Dover

Terry F. Dover
District Sanitarian
Solid Waste & Vector Control
Branch

TFD:vlf

CC: Mr. O. W. Strickland

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
SOUTH CENTRAL REGIONAL OFFICE
225 GREEN STREET
WACHOVIA BUILDING — SUITE 506
FAYETTEVILLE, NORTH CAROLINA 28301

February 4, 1977

Mr. Lacy Williams, Jr., R. S.
Director of Environmental Health
Cumberland County Health Department
Post Office Box 470
Fayetteville, North Carolina 28302

Dear Mr. Williams:

On January 31, 1977, I was able to make a site investigation on the approximately 60 acres of land located adjacent to the present Cliffdale landfill. The purpose of the investigation was to determine if the property would be feasible for sanitary landfilling. I see no real problems with the property. There are some private wells located near it that would have to be taken into consideration.

I am sure you are aware the major problem in continuing operations in this area of the county is the extremely long haul distances by vehicles using the site. In my opinion it would be more feasible to move to a site more centrally located to the waste generated in the county.

If you have any questions or if I may be of further assistance to you, please do not hesitate to contact me.

Sincerely,

Terry F. Dover

Terry F. Dover
District Sanitarian
Solid Waste & Vector Control Branch

TFD:jbr
cc: Mr. O. W. Strickland

Cumberland
L & R

STATE OF NORTH CAROLINA

JAMES B. HUNT, JR.
GOVERNOR

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

DEPARTMENT OF HUMAN RESOURCES
Division of Health Services
P. O. Box 2091 Raleigh 27602

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

January 28, 1977

Thompson Hayward Chemical Co.
616 Commerce Street
Fayetteville, N. C. 28305

Dear Sir:

The management of residual industrial wastes which may be hazardous, potentially hazardous, or hard to handle, such as sludges, semi-solids, liquids, etc., has become a major problem in North Carolina.

Your assistance is needed to provide the Solid Waste & Vector Control Branch, Division of Health Services, with information on the present status of the management, volume, and composition of these type wastes in North Carolina. This information is needed to develop an orderly and reasonable implementation schedule for Public Law 94-580. The 94th Congress enacted Public Law 94-580 on October 21, 1976. Subtitle C of this Public Law is related to the management of hazardous wastes.

In cooperation with the Environmental Protection Agency, this agency is making a statistical survey of industries in North Carolina to obtain the necessary data for program planning and management of these wastes. A copy of the data collection form is enclosed. It is requested that someone familiar with industrial wastes generated by your facility review the form. The Solid Waste & Vector Control Branch representative that serves your area will contact your company by telephone in the near future to schedule an appointment with your representative so that the data forms may be completed.

If there are questions with reference to this survey, your calls or correspondence should be addressed to:

O. W. Strickland, Program Supervisor
Solid Waste & Vector Control Branch
Division of Health Services
P. O. Box 2091
Raleigh, North Carolina 27602
Telephone: (919)733-2178

Your cooperation is appreciated.

Jerry C. Perkins, Acting Head

Enclosures
cc: Mr. Terry F. Dover

Cumberland
I & R

STATE OF NORTH CAROLINA

DEPARTMENT OF HUMAN RESOURCES

Division of Health Services

JAMES B. HUNT, JR.
GOVERNOR

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

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

P. O. Box 2091 Raleigh 27602

January 28, 1977

DuPont, E I De Nemours & Co.
Fayetteville Works
P. O. Drawer Z
Fayetteville, N. C. 28302

Dear Sir:

The management of residual industrial wastes which may be hazardous, potentially hazardous, or hard to handle, such as sludges, semi-solids, liquids, etc., has become a major problem in North Carolina.

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O. W. Strickland, Program Supervisor
Solid Waste & Vector Control Branch
Division of Health Services
P. O. Box 2091
Raleigh, North Carolina 27602
Telephone: (919)733-2178

Your cooperation is appreciated.

Jerry C. Perkins, Acting Head

Enclosures

cc: Mr. Terry F. Dover

Cumberland
R+H

STATE OF NORTH CAROLINA

DEPARTMENT OF HUMAN RESOURCES

Division of Health Services

JAMES B. HUNT, JR.
GOVERNOR

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

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

P. O. Box 2091 Raleigh 27602

January 28, 1977

Rohm and Haas Co.
Rohm and Haas NC Inc.
P. O. Box 630
Fayetteville, N. C. 28302

Dear Sir:

The management of residual industrial wastes which may be hazardous, potentially hazardous, or hard to handle, such as sludges, semi-solids, liquids, etc., has become a major problem in North Carolina.

Your assistance is needed to provide the Solid Waste & Vector Control Branch, Division of Health Services, with information on the present status of the management, volume, and composition of these type wastes in North Carolina. This information is needed to develop an orderly and reasonable implementation schedule for Public Law 94-580. The 94th Congress enacted Public Law 94-580 on October 21, 1976. Subtitle C of this Public Law is related to the management of hazardous wastes.

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O. W. Strickland, Program Supervisor
Solid Waste & Vector Control Branch
Division of Health Services
P. O. Box 2091
Raleigh, North Carolina 27602
Telephone: (919)733-2178

Your cooperation is appreciated.

Jerry C. Perkins, Acting Head

Enclosures

cc: Mr. Terry F. Dover

October 8, 1976

Mr. J. S. Cannady
Cumberland County Health Dept.
Box 470, 515 Person Street
Fayetteville, N. C. 28302

Dear Mr. Cannady:

I have discussed with Dr. Jack Drye, Environmental Science Branch Head, the disposal of bags that contained Antimony Trioxide Powder.

This office has no objection to placing the bags in the landfill provided great care is used in handling the bags. They should be received in a plastic bag and landfill without the dust coming in contact with the landfill operator.

Sincerely,

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

OWS/tg

cc: Terry F. Dover

June 9, 1971

Mr. Leey Williams, Jr.
Director, Environmental Health
Cumberland County Health Department
Box 470
Fayetteville, North Carolina 28302

Dear Mr. Williams:

Mr. Terry F. Dover, District Sanitarian, and I visited the Cumberland County landfill a few days ago and I would like to congratulate you on an excellent operation.

Excellent cell erosion control methods have been implemented along with very good day-to-day operations.

I hope the people of Cumberland County are aware of the very fine effort made by you and your staff to provide the County with an up-to-date solid waste management program.

I believe that the people of your County are receiving as much for the money spent on solid waste as any program in the country.

Mr. Dover and I look forward to working with you and Mr. Kennedy. If at any time we can be of assistance, please let us know.

Sincerely,

O. H. Barksdale, Supervisor
Solid Waste Management Unit
Solid Waste & Vector Control Branch
Sanitary Engineering Section

OHBsbm
cc: Mr. Terry F. Dover
Mr. Gerber Tolar, County Manager

THE CITY OF FAYETTEVILLE
NORTH CAROLINA
CHARTERED 1762

CITY MANAGER

234 GREEN STREET

FAYETTEVILLE, N. C. 28301

Cumberland
RECEIVED
FEB 27 1976
SOLID WASTE CONTROL

February 25, 1976

Mr. O. W. Strickland, Supervisor
Solid Waste Management Unit
Solid Waste and Vector Control Branch
Sanitary Engineering Section
N. C. Department of Human Resources
P. O. Box 2091
Raleigh, N.C. 27602

RE: Your letter of February 9, 1976.

Dear Mr. Strickland:

Thank you for the above referenced letter and the copies of the inspection reports for our solid waste disposal site.

I inspected the disposal site last week and observed some of the problems indicated in the February 3, 1976 report. Most of these problems resulted from a breakdown of the compactor back in early November. The engine has been replaced three times and the unit had not been operable until last week. Hopefully, conditions can now be improved.

Previous inspection reports had some of the same deficiences listed and at this point I have no explanation for the reasons.

Our intentions are to comply as best we can to operate the disposal site in conformance with good practices.

It would be helpful if the inspector will let me know personally at the time if he notes deficiencies in his next inspection. It should take us two or three weeks to remedy most of the problems as they now exist since we have to try to catch up.

Thank you for your cooperation.

Sincerely,

J. Guy Smith
City Manager

JGS/phb

Cumberland
LTR

February 9, 1976

Mr. J. Guy Smith
City Manager
234 Green Street
Fayetteville, N. C. 28301

Dear Mr. Smith:

I am enclosing the last five inspection reports on the City of Fayetteville solid waste disposal site. As I stated to you over the telephone a few days ago, we visit the site monthly but only fill out an official inspection report quarterly unless some specific problem arises.

As you can observe from the inspection reports, there are major problems at the site. Your assistance in providing us with the necessary information on how you would like for us to assist the City in bringing the site into full compliance with the Division of Health Services "Rules and Regulations Providing Standards for Solid Waste Disposal" will be appreciated.

If there are questions or we could meet with you, your board or Mr. Jones, please let us know.

Sincerely,

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

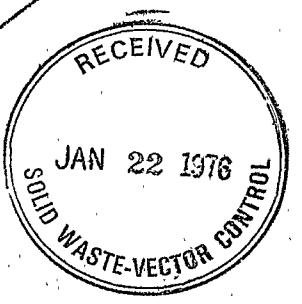
OWS/ct
Enclosures (5)

cc: Mr. Terry F. Dover
Mr. James Jones

- Cumberland

JHR

RECEIVED
JAN 22 1976
SOLID WASTE-VECTOR CONTROL



January 20, 1976

Mr. Joe Stowe
Public Works Commission
Post Office Box 1089
Fayetteville, North Carolina

Dear Mr. Stowe:

As per our conversation on January 16, 1976, regarding the bar screened material from the sewage treatment plant being allowed to be placed in the City of Fayetteville landfill, this office has no objections to this material being placed there. As I told you, we would recommend that the material be placed separately from the other routine solid waste and be covered immediately when it is brought into the landfill site.

Even though we have no objections to this procedure, final approval lies with Mr. J. W. Jones, superintendent of Fayetteville Street and Sanitation Department in that he is the responsible person for the proper operation of the City of Fayetteville landfill.

If you have any further questions or if I may be of further assistance to you, please do not hesitate to contact me.

Sincerely,

Terry F. Dover

Terry F. Dover
District Sanitarian
Solid Waste and Vector Control Branch

TFD:jbr

cc: Mr. J. W. Jones
Mr. O. W. Strickland

Regional Office of the

Cumberland
IOR

out

October 7, 1975

Mr. R. T. Westmen
Merchandise and Material Control Manager
Kelly Springfield Tire Company
Route 6, U.S. 401 N.
Fayetteville, North Carolina 28301

Dear Mr. Westmen:

Your letter of October 1, 1975, with reference to the disposal of sludge in 55 gallon drums has been received.

As was stated in my letter of August 26, 1975, we have no objection to the material being placed in a sanitary landfill. The conditions under which it will be accepted at any approved sanitary landfill must be agreed upon by the local operator.

The local landfill operator may require the waste be mixed to form a dry product, or he may accept the waste in sealed containers.

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

Sincerely,

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

OWS/ct
cc: Mr. Lacy Williams, Jr.
Mr. Terry Dover

THE KELLY SPRINGFIELD TIRE COMPANY

ROUTE 6, U.S.401 N.
FAYETTEVILLE, NORTH CAROLINA 28301

September 30, 1975

RECEIVED
OCT 2 1975
LID WASTE-VECTOR CONTROL

Mr. O. W. Strickland, Supervisor
Solid Waste Management Unit
Department of Human Resources
P. O. Box 2091
Raleigh, North Carolina 27602

Dear Mr. Strickland:

Reference is made to your letter dated August 26, 1975 concerning the disposal of sludge by the Kelly-Springfield Tire Company.

After extensive research, we find that there is no suitable means of disposing of the sludge through incineration or through an asphalt company. We did find several asphalt companies interested in the sludge, but they lost interest when it was determined that the sludge would not solidify when mixed with asphalt.

Therefore, we are requesting that your office give us approval to dispose of the sludge in a landfill by placing the material in an enclosed 55 gallon drum.

Please advise at your earliest convenience.

Sincerely,

R. T. Westmen, Manager
Merchandise & Material
Control Division

RTW:cpw

cc: Mr. Terry Dover
Mr. Lacy Williams, Jr.

Cumberland
DR

August 26, 1975

Mr. R. T. Westmen
Merchandise and Material Control Manager
Kelly Springfield Tire Company
Route 5, U.S. 401 N.
Fayetteville, North Carolina 28301

Dear Mr. Westmen:

The sample of sludge and the chemical analysis that the Kelly Springfield Tire Company presented to Mr. Terry Dover, District Sanitarian, South Central Regional Office, has been forwarded to this office for review.

I have discussed the analysis with Dr. Jack Drye, Head, Environmental Sciences Branch. We are of the opinion that the sludge should be incinerated or mixed with asphalt as a means of disposal. It is not suitable for landfilling primarily due to the difficulty of handling.

If incineration facilities cannot be made available or the material cannot be placed with an asphalt company, we will consider utilizing a landfill by placing the material in an enclosed container or mixing with a material such as Inst-A-Sorb Super to facilitate handling.

Please let us know if we can be of assistance.

Sincerely,

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

OWS/ct
cc: Mr. Terry Dover
Mr. Lacy Williams, Jr.

STATE OF NORTH CAROLINA

DEPARTMENT OF HUMAN RESOURCES

Division of Health Services

JAMES E. HOLSHOUSER, JR.
GOVERNOR

DAVID T. FLAHERTY
SECRETARY

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

SOUTH CENTRAL REGIONAL OFFICE
WACHOVIA BANK BUILDING
SUITE 506
225 GREEN STREET
FAYETTEVILLE, N.C. 28301

August 25, 1975

RECEIVED
AUG 26 1975
SOLID WASTE-VECTOR CONTROL

Mr. O. W. Strickland
Supervisor
Solid Waste Management Unit
Division of Health Services
P. O. Box 2091
Raleigh, NC 27602

Dear Mr. Strickland:

Please find enclosed the chemical analysis of the sludge material I have received today from the Kelly Springfield Tire Company. I have prepared a sample of this material and it should arrive with this letter by mail.

Return correspondence to the Kelly Springfield Tire Company should be addressed to Mr. R. T. Westmen, Merchandise and Material Control Manager, Route 6, U.S. 401 N., Fayetteville, North Carolina 28301. Mr. Westmen has requested that he be allowed to dispose of this material in the Cumberland County sanitary landfill. The volume of the sludge will be approximately 55 gallons per day. If for some reason the material cannot be accepted in a sanitary landfill, Mr. Westmen has requested that some viable solution be recommended for disposal of this waste.

Sincerely,

Terry F. Dover

Terry F. Dover
District Sanitarian
Solid Waste and Vector Control Branch

TFD:sff

Form 08-11

INTER-OFFICE CORRESPONDENCE

THE KELLY SPRINGFIELD TIRE COMPANY

No.

To J. W. COHELEY Attention

From R. L. LAUZAU

Date AUGUST 8, 1975

Subject: SLUDGE COMPOSITION

Copy to W. G. HAYNES
R. T. WESTMEN
A. Y. CHAVIS
W. C. MACMANUS

The sludge sample you are submitting to the State has the following analysis:

77.9%	Carbon Black
21.8%	Mixed Oils
.3%	Clay and Inert Material
100.0%	

R. L. Lauzau
Chief Chemist

RLL:hb

/ Cumberland

I + R

August 14, 1975

Mr. Donald E. Bowen
124 Lee Street
Spring Lake, NC 28390

Dear Mr. Bowen:

I am unable to provide you with specific information as to local laws governing the recycling of industrial domestic goods but it is my opinion that there has been limited activity in this field. The 1975 North Carolina General Assembly amended the state's Solid Waste Act to include recycling and resource recovery in addition to providing for the establishment of an advisory council to the Solid Waste and Vector Control Branch. There has been limited activity in recycling in North Carolina but it is my opinion that with the new legislation there will be increased activity in order to develop certain criteria and specifications for resource recovery systems on a statewide basis.

The responsibility for solid waste management and resource recovery is authorized by statute to the Division of Health Services, Solid Waste and Vector Control Branch. I will be glad to provide you with additional information as such criteria is developed on a statewide basis.

I suggest that you contact the local Post Office and request the information regarding the Department of Commerce office and the Small Business Administration office. I am sure they can provide you with this information.

Very truly yours,

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

SHU:bm

Mr. Donald E. Bowen
124 Lee St.
Spring Lake, NC 28390
9 August 1975

Mr. Sidney H. Usry
Branch Head
Solid Waste & Vector Control
Department of Human Resources
Division of Health Services
P.O. Box 2091
Raleigh, N. C. 27602

Dear Mr. Usry,

Mr. James H. Scarbrough, P. E., Chief; Residuals Management Branch, suggested that I contact you so that I may receive information as to the local laws that govern the recycling of industrial domestic goods, also the manufacturing of recyclyable industrial domestic goods in this state.

Also I need specific information as to the governmental state agences that may contribute information in regards to waste management.

Signed,

Donald E. Bowen

Donald E. Bowen

P. S.
Also one last bit of information that I would like to find out and that is, the nearest Department of Commerce Field Office and Small Business Administration Office locations.

JAMES E. HOLSHOUSER, JR.
GOVERNOR

DAVID T. FLAHERTY
SECRETARY

STATE OF NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
Division of Health Services
SOUTH CENTRAL REGIONAL OFFICE
WACHOVIA BANK BUILDING
SUITE 506
225 GREEN STREET
FAYETTEVILLE, N.C. 28301

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

RECEIVED
APR 18 1975
SOLID WASTE-VECTOR CONTROL

April 16, 1975

Mr. Lacy Williams, Jr.
Director of Environmental Health
Cumberland County Health Department
P. O. Box 470
Fayetteville, NC 28301

Dear Mr. Williams:

As you are aware, final close out has not been completed on those landfills abandoned by Cumberland County July 1, 1974. This office requests that you proceed immediately with the necessary covering and seeding, so that you will be in compliance with the N. C. Division of Health Services Rules and Regulations Providing Standards for Solid Waste Disposal.

Please notify this office when the necessary work is completed in order that we may make final inspections and close our files on this matter.

Do not hesitate to contact us if any questions arise in which we may be of assistance.

Sincerely,

Terry F. Dover

Terry F. Dover
District Sanitarian
Solid Waste and Vector
Control Branch

vlf

CC: Mr. O. W. Strickland

February 20, 1975

Health Director
Cumberland County Health Department
Box 470
515 Person Street
Fayetteville, North Carolina 28302

Dear Sir:

I have received a letter from Mr. Terry F. Dover, District Sanitarian, informing this office that he and Mr. Douglas E. Cox, Cumberland County Health Department had worked together in evaluation of Mr. Cox for the purpose of being authorized as a sanitarian in solid waste management.

Mr. Dover informed me that Mr. Cox is now capable of enforcement of both local and State solid waste rules and regulations and in dealing with the general public. I am attaching the authorization card for your signature that provides authorization for the enforcement of State solid waste disposal laws and the "Rules and Regulations Providing Standards for Solid Waste Disposal".

Very truly yours,

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

SHU:bm
cc: Mr. Terry F. Dover
Mr. John Andrews

JAMES E. HOLSHOUSER, JR.
GOVERNOR

DAVID T. FLAHERTY
SECRETARY

STATE OF NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
Division of Health Services

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

SOUTH CENTRAL REGIONAL OFFICE
WACHOVIA BANK BUILDING
SUITE 506
225 GREEN STREET
FAYETTEVILLE, N.C. 28301

February 14, 1975

Mr. Sidney H. Usry, Head
Solid Waste & Vector Control Branch
N. C. Division of Health Services
P. O. Box 2091
Raleigh, North Carolina 27602

Dear Mr. Usry:

The purpose of this letter is to inform you that I have completed the necessary Solid Waste Management Training with Mr. Douglas E. Cox, Sanitarian I, Cumberland County Health Department.

Mr. Cox and I worked together for a total of eight (8) hours on January 30, 1975, we investigated five (5) solid waste storage and collection complaints and completed an Environmental Solid Waste Survey on twelve (12) dwellings. We also observed operations at two (2) sanitary landfills.

Mr. Cox has a good working knowledge of both local and state solid waste rules and is capable in dealing with the general public.

I, therefore, request that Mr. Cox be authorized in accordance with the requirements of the Solid Waste and Vector Control Branch.

Sincerely,

Terry F. Dover

Terry F. Dover
District Sanitarian
Solid Waste and Vector Control Branch

TFD:sfe

Cumberland LOR

January 9, 1975

Mr. C. L. Twine
County Manager
County of Cumberland
Post Office Box 1829
Fayetteville, North Carolina 28302

Dear Mr. Twine:

This is to acknowledge your letter of December 31, 1974, requesting information and assistance in procurement of Federal funds for the establishment of a solid waste collection system in Cumberland County. I regret that at the present time I know of no Federal funds that are available for this purpose. The grants program for the majority of the Federal agencies was either extremely curtailed or abolished about two years ago and I am not aware of any of these funds being restored.

At one time the Farmers Home Administration was making grants and loans to county units of government for solid waste collection and disposal systems but I understand the grant program is no longer available but there is a possibility that they might consider a loan application. I would suggest that you write Mr. Paul Parks, Assistant Director, Farmers Home Administration, Raleigh, North Carolina, in regard to this matter.

I will continue to investigate and inquire as to the possibility of financial assistance and will be glad to notify you of any possibilities that might develop.

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

Very truly yours,

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

SHU:bm

COUNTY OF CUMBERLAND

E. J. EDGE, JR.
CHAIRMAN

BILLY D. HORNE
VICE CHAIRMAN

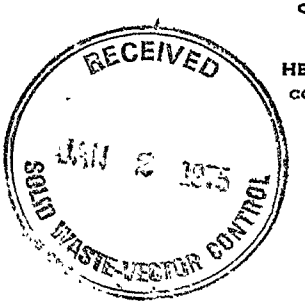
LUTHER N. PACKER, SR.
TOM BRADFORD
W. E. TYSON

P. O. DRAWER 1829
FAYETTEVILLE, NORTH CAROLINA 28302

C. L. TWINE
COUNTY MANAGER

HEMAN R. CLARK
COUNTY ATTORNEY

December 31, 1974



Mr. Sidney Ushery
Head, Solid Waste and Vector
Control Branch
Sanitary Engineering Section
Division of Health Services
Box 2091
Raleigh, N.C.

Dear Mr. Ushery:

Cumberland County Commissioner W.E. Tyson was in contact with you recently concerning the improvement of solid waste disposal systems in Cumberland County. He requested that you investigate and inform the County as to what Federal Funds might be available to assist us in meeting our needs.

Cumberland County has a large urban population of approximately 180,000 people residing outside any incorporated town or city. These citizens need an urban type garbage collection system as well as modern solid waste control system. Since there is no County in North Carolina at the present time operating a solid waste collection system, we would like to know if any Federal Funds are available for planning, equipment, or operation of a publically owned solid waste collection system. We would also like to know if any funds are available for planning or equipment, acquisition of land, or operations of a solid waste landfill system. Any information you can give us concerning this would be greatly appreciated as well as any assitance you could give in the acquisition of Federal Funds for these purposes.

Yours truly,

C.L. Twine
County Manager

CLT/mf

Cumberland
LTR

November 4, 1974

Mr. David T. Flaherty
Secretary
N. C. Department of Human Resources
Albemarle Building
Raleigh, North Carolina

Re: Control No. 40852
Complainant: Mary Hales
Route 1
Fayetteville, N. C. 28301

Dear Mr. Flaherty:

Our letter of October 30, 1974, to Ms. Hales was returned by the Post Office marked "Addressee Unknown".

I am sure that Mr. Terry F. Dover, District Sanitarian, will make every effort possible to locate Ms. Hales and investigate this complaint.

Very truly yours,

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

bm

STATE BOARD OF HEALTH
SANITARY ENGINEERING DIVISION
RALEIGH, NORTH CAROLINA

REPORT OF INVESTIGATION OR INSPECTION OF A Solid Waste Complaint

Place visited Cumberland County **Date** November 4 **19**74

Address Route 1, Fayetteville **Time spent** 2 Hours

By whom Terry F. Dover, District Sanitarian, Solid Waste and Vector Control Branch

Persons contacted None, Could not locate Ms. Mary Hales
(Owner, agent, tenant, manager, other)

Reason for visit Telephone call to Governor's office

Copies to: Mr. Sidney H. Usry, Head, Solid Waste and Vector Control Branch
Mr. Marshall Staton, Chief, Sanitary Engineering Section

REPORT:

Ms. Mary Hales at Route 1, Fayetteville, North Carolina could not be located due to the absence of a listed telephone number and an incomplete address.

The U.S. Postal Service was contacted and they know of no such person on Rural Route #1.

Cumberland
CR

October 30, 1974

Ms. Mary Hales
Route 1
Fayetteville, North Carolina 28301

Dear Ms. Hales:

We are writing in response to your telephone call to the Governor's Office concerning the garbage collection problem in your area.

I am sending a copy of your complaint to Mr. Terry F. Dover, District Sanitarian, requesting that he investigate the conditions described to determine if we can be of assistance in regard to this matter. Mr. Dover will contact you at the time of his investigation and inform you of his recommendations.

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

Very truly yours,

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

SHU:bm
cc: Mr. Terry F. Dover
Mr. David T. Flaherty (3)
Mr. Marshall Staton

SECRETARY OF HUMAN RESOURCES

REQUEST FOR ACTION

Control No. _____ Referred To _____ Date Received _____ Respond Within _____

ORIGIN OF REQUEST: ☐ HOTLINE ☐ GOV. OFFICE ☒ SEC. OFFICE ☒ OTHER _____ SPECIFY

NAME: _____

ADDRESS: _____

CITY: _____

PHONE NO.: _____

Control No. _____ Name: _____

Date Received _____ Referred To: _____

Date of Interim Reply _____ Date of Final Reply _____

Received By _____

Comments:

SYNOPSIS OF REQUEST

ACTION TAKEN

WHEN CHECKED PREPARE RESPONSE FOR ☐ GOVERNOR'S SIGNATURE ☐ SECRETARY'S SIGNATURE

☐ IMMEDIATE TELEPHONE RESPONSE REQUESTED

DHR 4 (Revised August 1973)

SECRETARY OF HUMAN RESOURCES

REQUEST FOR ACTION

Control No. 4852 | Referred To: Health | Date Received: 10/22 | Respond Within: 72

ORIGIN OF REQUEST: ☐ HOTLINE ☐ GOV. OFFICE ☐ SEC. OFFICE ☑ OTHER DON BUDSMAN (SPECIFY)

NAME: Mary Hales

ADDRESS: Route 1

CITY: Fayetteville, NC 28301

PHONE NO.:

Name: Mary Hales | Control No. 4852

Date Received 10/22 | Referred To: Hlth

Date of Interim Reply 10/30/74 | Date of Final Reply

Received By | Comments:

SYNOPSIS OF REQUEST

garbage collection problem.

RECEIVED
OCT 28 1974
SANITARY ENGINEERING SECTION

ACTION TAKEN

WHEN CHECKED PREPARE RESPONSE FOR ☐ GOVERNOR'S SIGNATURE ☐ SECRETARY'S SIGNATURE
☐ IMMEDIATE TELEPHONE RESPONSE REQUESTED

DHR 4 (Revised August 1973)

Health

Can we help?
if not please reply
to Mr. Haler offering
a suggestion

Thanks
Craig

PENDING _____ CLOSED.

0 (1)

NORTH CAROLINA OMBUDSMAN INFORMATION SHEET

Garbage collection in Cumberland deplorable,

CASE NUMBER	INITIATION DATE	NAME & ADDRESS
0151530 (2-7)	102174 (8-13)	Mary Hales Rt 1 Fayetteville, N.C. 28301
DEPARTMENT: DHR	OFFICE: Sanitation	
05 (14-15)	100 (16-18)	BUSINESS * TELEPHONE * RESIDENTIAL
GEOGRAPHIC AREA: 5 (19)		
COMPLAINT: 1 ☒ (20) OR INFORMATION 2 ☐ (20)		
JURISDICTION: 1 ☐ (21) OR NO. JURIS. 2 ☒ (21)		INDIVIDUAL: Craig Sorna, Jim Bullock
WRITTEN 1 ☐ (22) OR PHONE 2 ☒ (22) OR VISIT 3 ☐ (22)		REQUESTED REPLY DATE: 11/4 TAKEN BY: jde

SUBSTANCE OF INQUIRY OR COMPLAINT

garbage collection problem in Cumberland Co. → buy bags at 7/11 store and put garbage in it. Supposed to be picked up twice/week. Service is horrible. People are taking there own and dumping it. They have no choice B/C this guy has monopoly. He (Lieber's Sanitation Co.) (Williams?) should be made to post performance bond - 2300 cans at landfill this past weekend. Franchise awarded by County Commission. Cong Charlie Rose owns Trailer Town → bought his own truck to haul his tenant's trash B/C service was so poor -

☒ INVESTIGATE & ACKNOWLEDGE STATING GOVERNOR REFERRED INQUIRY TO YOU. SEND COPY TO THIS OFFICE.

☐ DRAFT REPLY SUITABLE FOR GOVERNOR'S SIGNATURE.

☐ INVESTIGATE & FURNISH THIS OFFICE WITH NECESSARY INFORMATION TO RESPOND TO INQUIRY.

☐ FOR YOUR INFORMATION.

COMMENTS & RECOMMENDATIONS

October 1, 1974

Mr. Lacy Williams, Jr., R.S.
Director of Environmental Health
Cumberland County Health Department
Fayetteville, North Carolina 28302

Dear Mr. Williams:

I am returning the identification cards for Mr. E. K. Moore and W. S. Bramble along with a typed identification card from the Division of Health Services. I suggest that you have the personnel sign these cards and date them at the time they are presented in addition to having the photographs glued or attached to these identification cards.

The authorization cards that I previously issued establishes both of these men as an authorized representative of this agency for solid waste management. It will be necessary that the local health director sign this card prior to issuance to Mr. Moore and Mr. Bramble.

Very truly yours,

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

SHU:bm
Enclosures

Health Department

County of Cumberland

Fayetteville, N. C. 28302

September 25, 1974

Mr. Sidney H. Usry, Head
Solid Waste & Vector Control Branch
Sanitary Engineering Section
Department of Human Resources
Division of Health Services
Raleigh, North Carolina 27602

Dear Mr. Usry:

Thank you very much for the solid waste authorization cards issued to Mr. E. K. Moore and Mr. W. S. Bramble, sanitation technicians with this department.

Being that these cards were new, I read the contents below the name and employing department, and I noted that possibly these cards would be issued under the old system, or system in use for the type "A" and "B" certification cards.

I am enclosing the information that I think would be needed for these type identification cards on each gentleman.

Best regards.

Very truly yours,

Lacy Williams, Jr., R. S.
Director of Environmental Health

Enclosures

Cumberland

JTR

Re: Harnett
JTR
8/9/74

July 23, 1974

Mrs. Peter Otto
222 Primrose
Cooper's Ranch Trailer Park
Spring Lake, North Carolina 28390

Re: Pollution Help Line Report 1396

Dear Mrs. Otto:

I am sending a copy of the above report to Mr. Terry F. Dover, District Sanitarian, requesting that he investigate the conditions described and make recommendations for alleviation of the problem. He will contact you at the time of his visit to discuss the matter with you.

Very truly yours,

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

SHU:bm
cc: Mr. Terry F. Dover
Mrs. Jackie Hall

IN REPLYING REFER TO: NO. 1896

POLLUTION HELP LINE REPORT

DEPARTMENT OF NATURAL AND ECONOMIC RESOURCES

DATE: July 18 19 74

TIME: 2:05 ~~AM~~ PM

NAME OF CALLER: Mrs. Peter Otto

ADDRESS: 222 Primrose Cooper's Ranch Trailer Park
Street P.O. Box
Spring Lake, North Carolina
City Zip

TELEPHONE NUMBER: 497-2816

RECEIVED
JUL 23 1974
SANITARY ENGINEERING SECTION

POINT OF POLLUTION:

SOURCE OF POLLUTION:

NATURE OF CALL: The complainant advises that the garbage and trash is picked up within the trailer park and then dumped into a large hole behind the trailer park and burned. In addition, the children who reside in the park, play around the area and keep the trash strowed.

The trailer park is owned by Mr. Wellons and located off Hwy 210 toward Lillington on Old Farm Road (or Ray Road.)

REPORT REFERRED TO: Mr. W. E. Knight, Division of Environmental Management (re open burning); Mr. Marshall Staton, Div. of Health Services, Dept. of Human Resources (re properly maintained landfills)

IMMEDIATE ACTION TAKEN:

SIGNED Jackie Wall/cl

July 9, 1974

Mr. Carter L. Twine
County Manager
Cumberland County
Post Office Drawer 1829
Fayetteville, North Carolina 28302

Dear Mr. Twine:

I can understand the problems that you face with the purchase of equipment under the present conditions and that the delayed delivery is beyond the control of your agency. Accordingly, I am granting the requested variance until August 1, 1974, for you to be in compliance with the Division of Health Services "Rules and Regulations Providing Standards for Solid Waste Disposal".

Very truly yours,

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

SHU:bm
cc: Mr. Terry F. Dover

RECEIVED

COUNTY OF CUMBERLAND

P. O. DRAWER 1829
FAYETTEVILLE, NORTH CAROLINA 28302

LUTHER N. PACKER, SR.
CHAIRMAN

BILLY D. HORNE
VICE CHAIRMAN

J. MCN. GILLIS
E. J. EDGE, JR.
TOM BRADFORD

C. L. TWINE
COUNTY MANAGER

HEMAN R. CLARK
COUNTY ATTORNEY

June 28, 1974

Mr. Sidney H. Usry, Chief
Solid Waste and Vector Control Section
Department of Human Resources
Division of Health Services
Raleigh, North Carolina

Dear Mr. Usry:

In conformity with the rules and regulations providing standards for solid waste disposal in North Carolina that became effective March 11, 1971, I wrote you the latter part of June 1972, requesting that Cumberland County be granted a variance for two years to be in full compliance with stated rules and regulations.

As you know, since this period of time, Cumberland County has purchased landfill equipment to consolidate into one central prime sanitary landfill site for the disposal of all garbage items proper to be carried out in accordance with the rules and regulations and the operation of a general rubble site for the disposal of stumps and other general rubble proper in Cumberland County.

We have started and now have built, 23 bulk roll-off container sites that will be convenient for the rural population, or areas, of our county proper to utilize. I am sure that you are familiar with our collection district, etc., that is under franchise with a private sanitation firm here in Cumberland County.

Due to circumstances beyond our control, we have learned this week that our supplier for the bulk roll-off containers that will service our container sites proper, cannot be fully delivered until the latter part of July 1974. Therefore, we would like to respectfully request that this county be given an additional month's variance whereas we can keep open the existing auxiliary landfill sites in Cumberland County throughout the month of July 1974, for the citizens of our county proper to use. From all indications at this time from our supplier, Roach-Russell, Inc., Concord, North Carolina, they have indicated they will have the proper amount of the roll-off containers here whereas we can put our container system in use August 1, 1974.

Again, we respecfully request a variance of one month to fulfill the above needs that happened that were beyond our control.

Very truly yours,

Carter L. Twine

Carter L. Twine

cc: Mr. Terry F. Dover

- Cumberland

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
SOUTH CENTRAL REGIONAL OFFICE
225 GREEN STREET
WACHOVIA BUILDING — SUITE 506
FAYETTEVILLE, NORTH CAROLINA 28301

RECEIVED
JUL 8 1
SOLID WASTE

July 5, 1974

Mr. J. W. Jones, Superintendent
Street and Sanitation Department
City of Fayetteville
Lamon Street
Fayetteville, NC 28301

Dear Mr. Jones:

This letter is to confirm our conversation on July 3, 1974, regarding erosion control at the present city landfill on N. C. 87 South and completed landfills on Wilkes Road, Shaw Road (SR 1614), and Doc Bennet Road (SR 2212).

As you are aware, the North Carolina Division of Health Services RULES AND REGULATIONS PROVIDING STANDARDS FOR SOLID WASTE DISPOSAL require finished surfaces to be covered with two feet of compacted earth adequately sloped to allow surface water runoff and seeded with native grasses or other suitable vegetation to control erosion.

On all of the above mentioned sites, erosion control is a major problem because the city of Fayetteville has not properly carried out its responsibility as it stated it would in plans submitted by Mr. Robert M. Bennett, City Engineer to this office.

This office requests that maintenance work be done on the landfills to restore protective dikes to their original dimensions and that finished surfaces including dikes be seeded to control erosion.

If we may be of further assistance to you in this matter, please do not hesitate to call.

Sincerely,

Terry F. Dover

Terry F. Dover
District Sanitarian
Solid Waste and Vector Control
Branch

vlf

CC: Mr. O. W. Strickland
Mr. Robert M. Bennett
Mr. Guy Smith
Cumberland County Health Department

June 21, 1974

Mr. Lacy Williams, Jr., R.S.
Director of Environmental Health
Cumberland County Health Department
Fayetteville, North Carolina 28302

Dear Mr. Williams:

I have discussed your request for a solid waste certification card for personnel employed in your department with Mr. Terry F. Dover, District Sanitarian. We are sending Mr. Dover the appropriate evaluation forms and he will work with your personnel in order to see that they are qualified to meet the requirements for certification in the field of solid waste management. Upon receipt of Mr. Dover's evaluation, appropriate action will be taken in regard to the certification of your personnel.

Very truly yours,

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

SHU:bm
cc: Mr. Terry F. Dover

Health Department

County of Cumberland

Fayetteville, N. C. 28302

June 18, 1974

Mr. Sidney H. Usry, Engineer
Division of Health Services
Solid Waste and Vector Control
Raleigh, North Carolina 27602

Dear Mr. Usry:

In talking with Mr. Strickland, Mr. J. S. Canady and in also speaking with you some months ago, it is now my understanding that there is a solid waste certification card where the same procedures are used for both the present type "A" and "B" cards now in use.

We at this department have four men that do not have any type of certification except on the county level. Therefore, I would like to respectfully request that, at the very earliest possible date, the district sanitarian, Mr. Terry F. Dover, work with these four gentlemen and see if they are qualified to meet the requirements as set forth by your department for temporary certification, etc.

Your cooperation regarding this matter will be greatly appreciated.

Very truly yours,

Lacy Williams, Jr.

Lacy Williams, Jr., R. S.
Director of Environmental Health

cc: Mr. O. W. Strickland, R. S.
Mr. J. S. Canady, R. S.

FERREE BRINTON, JR.
605 YORK ROAD
FAYETTEVILLE, N. C. 28303

Cumberland

Liebers Sanitation Co.
4424 Bragg Blvd.
Fayetteville, N.C.
Attention Mr Morgan, President

RECEIVED
APR 8 1974
SANITATION BRANCH

RECEIVED
APR 8 1974
SOLID WASTE-VECTOR CONTROL

Dear Sirs:-

I have written several letters to the County Commission none of which have been acknowledged relating to the atrocious service we, in Cottonade, receive from your Company. Now, for some inexplicable reason, your Service has been granted an almost unbelievable windfall of reducing his trash and garbage pickup from twice to once a week with no reduction in his monthly charge. In other words, you are reducing your operating costs by 50% with no reduction in your gross earnings; resulting in a 50% increase in net income. Wonder how GM, AT&T, IBM, etc would like such an arrangement?

I am reliably informed that you have a contract with Pope AFB for trash and garbage collection, similar to your Cottonade service, for the family housing residences on Base. Almost unbelievably, I am told your contract breaks down to about two dollars per house serviced on Base for which we must pay four dollars. No wonder you can buy T.V. time to tell the Spring Lake residents about your new truck! Apparently, you are taking full advantage of your non-competitive status

Ferree Brinton Jr.

cy to the Mayor
" " County Sanitation Officer
" " State Sanitation Commission (Raleigh)
" " Eliter, Fayetteville Observer
" " County Commissioners

Cumberland
DHR

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
SOUTH CENTRAL REGIONAL OFFICE
225 GREEN STREET
WACHOVIA BUILDING — SUITE 506
FAYETTEVILLE, NORTH CAROLINA 28301

April 19, 1974

Mr. Robert M. Bennett
City Engineer
City of Fayetteville
119 Bow Street
Fayetteville, North Carolina 28301

Dear Mr. Bennett:

This letter is in reference to closeout operations by the City of Fayetteville of the abandoned Shaw Road (SR 1614) landfill and the Doc Bennett Road (SR 2212) landfill. Recent inspections by this office have revealed that these sites have not been seeded with native grasses as required. Landfills which were terminated during winter operations are expected to be seeded the following spring.

A considerable amount of erosion of cover material was also observed especially along the earthen dykes at both sites. This material will have to be replaced prior to seeding.

Let me emphasize the importance of prompt action on this matter as the planting season for grasses in this area will soon be over.

Please feel free to call on us if we can be of assistance to you.

Sincerely,

Terry F. Dover

Terry F. Dover
District Sanitarian
Solid Waste and Vector Control Branch

TFD/gm
cc: Mr. J. W. Jones
Mr. Lacy Williams, Jr.
Mr. O. W. Strickland

✓ Cumberland

2 HR

March 25, 1974

Mr. Thomas Parson
7404 Paxton Drive
Fayetteville, North Carolina 28303

Re: Pollution Help Line Report 1731

Dear Mr. Parson:

The attached report has been prepared by Mr. Terry F. Dover, District Sanitarian, following his investigation of your complaint concerning paper blowing from the container located at Reilly Road School.

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

Very truly yours,

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

bm
Attachment
cc: Mr. Terry F. Dover
Cumberland County Health Department
Mrs. Jackie Wall

STATE BOARD OF HEALTH
SANITARY ENGINEERING DIVISION
RALEIGH, NORTH CAROLINA

REPORT OF INVESTIGATION OR INSPECTION OF A complaint

Place visited Fayetteville, NC **Date** 3/15 19 74

Address 7404 Paxton Drive **Time spent** 2 hours

By whom Terry F. Dover, District Sanitarian, Solid Waste and Vector Control Branch

Persons contacted Mr. Thomas Person, Mr. Scotty Biggs
(Owner, agent, tenant, manager, other)

Reason for visit Pollution Help Line Report #1731

Copies to:
Mr. Thomas Person, 7404 Paxton Drive, Fayetteville
Cumberland County Health Department
Mrs. Jackie Wall, Pollution Help Line

REPORT:

On March 15, 1974, Mr. Roy Washington of the Cumberland County Health Department and I investigated Pollution Help Line Report #1731.

The complaint concerned papers blowing from the container located at Reilly Road School. Mr. Thomas Person was contacted, and he stated the problem existed when the container truck from Liebers Sanitation Company emptied the container, especially if the wind was blowing. Papers from the container blow across the school yard and onto his property which is across the street. He further stated that the individuals on the truck made no effort to clean up the area after the container was emptied.

Mr. Scotty Biggs of Liebers Sanitation Service was contacted. Mr. Biggs stated that he would inform the truck driver of the situation and he assured me the problem would be corrected.

Mr. Roy Washington of the local health department plans to observe the truck during future operations to make sure all waste which is spilled is returned to the vehicle.

- Cumberland
&
JOK

March 8, 1974

Mr. Thomas Person
7404 Paxton Drive
Fayetteville, North Carolina 28303

Re: Pollution Help Line Report 1731

Dear Mr. Person:

I am sending a copy of the above report to Mr. Terry F. Dover, District Sanitarian, requesting that he investigate the conditions described. At the time he makes this investigation he will contact you and discuss his findings and recommendations.

Very truly yours,

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

SHU:bm
cc: Mr. Terry F. Dover
Mrs. Jackie Wall

IN REPLYING REFER TO: NO. 1731

POLLUTION HELP LINE REPORT

DEPARTMENT OF NATURAL AND ECONOMIC RESOURCES

DATE: 3-6 19 74

TIME: 10:40 AM X PM

NAME OF CALLER: Thomas Person

ADDRESS: 7404 Paxton Drive
Street P.O. Box

Fayetteville 28303
City Zip

TELEPHONE NUMBER: 868-2629

RECEIVED
MAR 7 1974
SANITARY ENGINEERING SECTION

POINT OF POLLUTION: His neighborhood

SOURCE OF POLLUTION: Lieker Sanitation Service

NATURE OF CALL: Mr. Person stated that his neighborhood has a problem of trash pick-up. The Lieker Sanitation Service that collects garbage in this neighborhood at Rielly Road School is very careless with their collection and trash blows all over the Reilly Road School yard, and then the entire neighborhood. It is an eye sore, and it is a very frequent occurrence (weekly).

REPORT REFERRED TO: Mr. Marshall Staton, Division of Health Services, Department of Human Resources

IMMEDIATE ACTION TAKEN:

SIGNED Vivian Knapp
Jackie Wall

/ Cumberland

S&R

March 22, 1974

Mrs. Evelyn Plant
5419 Birch Road
Fayetteville, North Carolina 28304

Dear Mrs. Plant:

In response to your telephone call to the Governor's office regarding frequency of solid waste pickup in your community, the regulations of the Division of Health Services do not provide authority for us to establish frequency of pickups in municipalities or by private contract collectors. The collection schedule is usually agreed upon by the individual and the contract collector at the time the charge for this service is established.

The county commissioners have statutory authority to franchise contract haulers and to establish such requirements as they feel are necessary in regard to charges, routes, and frequency of collection. This agency does not make any recommendations as to the type of contract that the local officials shall enter into upon franchising a solid waste collection service. I suggest that you contact your local officials to determine the type of franchise that your collector has with the local governmental unit.

If you think we can be of additional assistance in 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
cc: Mr. David T. Flaherty (2)
Mr. Marshall Staton

SECRETARY OF HUMAN RESOURCES

REQUEST FOR ACTION

Control No. 1960 Referred To Health Date Received 3/14 Respond Within 12 hrs

ORIGIN OF REQUEST: ☐ HOTLINE ☐ GOV. OFFICE ☐ SEC. OFFICE ☑ OTHER Ombudsman
SPECIFY

NAME: Mrs Evelyn Plant

ADDRESS: 5419 Birch Road

CITY: Jamesville, NC

PHONE NO.: 425-1314

Name: Mrs. Evelyn Plant Control No. 1960

Date Received 3/21 Referred To: Office

Date of Interim Reply Date of Final Reply 3-22-74

Received By

Comments:

SYNOPSIS OF REQUEST

Wants to know if Health Services has jurisdiction over local sanitation depts.

See attached

ACTION TAKEN

See Attached Letter

WHEN CHECKED PREPARE RESPONSE FOR ☐ GOVERNOR'S SIGNATURE ☐ SECRETARY'S SIGNATURE
☐ IMMEDIATE TELEPHONE RESPONSE REQUESTED

DHR 4 (Revised August 1973)

PENDING _____ CLOSED _____

0 (1)

NORTH CAROLINA OMBUDSMAN INFORMATION SHEET

wants to know if State Bd. of Health has any jurisdiction over local Sanitation Depts.

CASE NUMBER (2-7)	INITIATION DATE (8-13)
041910	022774

DEPARTMENT	OFFICE
Human Resources	State Bd. of Health
015 (14-15)	010 (16-18)

GEOGRAPHIC AREA: 5 (19)

COMPLAINT: 1 (20) [X] OR INFORMATION: 2 (20) [ ]

JURISDICTION: 1 (21) [ ] OR NO. JURIS.: 2 (21) [X]

WRITTEN: 1 (22) [ ] OR PHONE: 2 (22) [X] OR VISIT: 3 (22) [ ]

NAME & ADDRESS

Mrs. Evelyn Plant
5419 Birch Road
Fayetteville, NC

Health

BUSINESS * TELEPHONE * RESIDENTIAL

425-1314

INDIVIDUAL

Craig Souza

REQUESTED REPLY DATE	TAKEN BY
3/25/74	EKH

SUBSTANCE OF INQUIRY OR COMPLAINT

The garbage pick-up has been cut down to one day a week - Cumberland County Sanitation Department authorizes a privately franchised firm to pick up the garbage in the area of Fayetteville - the firm has cut down on their garbage pick-up days because of loss with the depreciation of vehicles - She says this is not fair to the health & sanitation of her neighborhood - She has gone to the County Comm. but they will do nothing -

She wants to know if the State Board of Health has any jurisdiction over local Sanitation Depts. to make them improve garbage pick-up service -

- [X] INVESTIGATE & ACKNOWLEDGE STATING GOVERNOR REFERRED INQUIRY TO YOU. SEND COPY TO THIS OFFICE.
- [ ] DRAFT REPLY SUITABLE FOR GOVERNOR'S SIGNATURE.
- [ ] INVESTIGATE & FURNISH THIS OFFICE WITH NECESSARY INFORMATION TO RESPOND TO INQUIRY.
- [ ] FOR YOUR INFORMATION.

COMMENTS & RECOMMENDATIONS

Health Department

County of Cumberland

Fayetteville, N. C. 28302

January 30, 1974

Mr. O. W. Strickland, Program Chief
Solid Waste Management Program
Solid Waste and Vector Control Section
Sanitary Engineering Division
Department of Human Resources
Post Office Box 2091
Raleigh, North Carolina 27602

Dear Mr. Strickland:

Please let this letter confirm our conversation as of January 3rd, 1974, when I visited your office and talked with you regarding the change over of Cliffdale landfill site located in 71st Township area of Cumberland County. On this date we discussed the change over of Louis Sanitation Company to Liebers Sanitation Company and thusly you agreed that the Cliffdale landfill site could be operated as an auxiliary site until Liebers Sanitation Company relocates in approximately the middle of May of this year.

Also as discussed with you on the waste that went into the Cliffdale site that was picked up by Louis now goes into the Murchison Road landfill site and is covered, as you know, on a daily basis.

Therefore, this letter should add the necessary clarity that is needed by all parties concerned to operate the Cliffdale landfill site as an auxiliary site, and thusly not receiving daily coverage until Liebers Sanitation Company relocates at this site and it becomes a true sanitary landfill site on or before July 1, 1974.

Very truly yours,

Lacy Williams, Jr.

Lacy Williams, Jr., R. S.
Director of Environmental Health

cc: Mr. Terry F. Dover

January 25, 1974

Mr. Joe P. Gladden
Sanitarian
Cumberland County Health Department
Fayetteville, N. C. 103

Dear Mr. Gladden:

The address of the printing company in Asheville that you requested in your letter of January 22 is "Daniels Business Services, Inc., 191 Charlotte Street, Asheville, N. C. 28802 Attention: Mr. G. J. Searle" and the telephone number is (704) 254-7216.

You should get label approval from Mr. William B. Buffaloe, Chief, Pesticide Branch, N. C. Department of Agriculture, Raleigh, N. C. 27611, before having the bags printed.

Sincerely,

D. F. Ashton, Entomologist
Solid Waste & Vector Control Branch
Sanitary Engineering Section

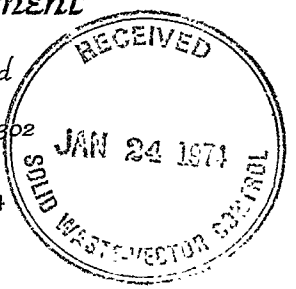
DFA/ct

Ashton

Health Department

County of Cumberland

Fayetteville, N. C. 28302



January 22, 1974

Mr. Sidney H. Usry, Head
Solid Waste & Vector Control Branch
Department of Human Resources
Raleigh, North Carolina

Dear Mr. Usry:

Please furnish us the name of the paper company in Asheville that will make and print paper bags . . the kind we use to package rat poison.

Thank you.

Very truly yours,

Joe P. Gladden

Joe P. Gladden
Sanitarian

/jbr

Cumberland
LR

October 17, 1973

Mr. George Vahan
801 Arsenal Avenue
Fayetteville, North Carolina

Dear Mr. Vahan:

In regard to your request concerning county authority to establish and operate solid waste collection facilities, I refer you to Article 22 of Chapter 153 of the General Statutes of North Carolina. These statutes will provide you with the complete information that you requested in regard to this matter. The county attorney should be able to provide you with copies of this act and make recommendations as to its proper use by the county commissioners.

The act was amended in the 1973 session and I suggest that you be sure that recommendations are in accordance with this act.

If I can provide you with 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
cc: Mr. Terry F. Dover

September 20, 1973

Mrs. Robert L. Williams
Route 10
Box 539
Fayetteville, N. C.

Dear Mrs. Williams:

Thank you for providing your letter of September 13, 1973, concerning a proposed sanitary landfill site off Joseph Street and near Eureka Springs in Cumberland County. In response to the question raised by you concerning approval to operate this proposed site, the following is submitted.

Site information and proposed operational plans have been reviewed by this agency as required by law and approval to operate in accordance with the North Carolina Division of Health Services "Rules and Regulations Providing Standards for Solid Waste Disposal" was granted on May 30, 1973.

If this office can be of further assistance in providing information concerning this site, do not hesitate to call.

Very truly yours,

Sidney H. Berry, Head
Solid Waste & Vector Control Branch

cc: Mr. Bill Thomas
Mr. Terry Dover

JCP;ct

SBH Form 1496
Sanitary Engineering

SANITARY ENGINEERING DIVISION
Office Memorandum

TO: Sid

FROM: Steve DATE: 9-17-03

		REMARKS
CALL		
HANDLE		
SEE ME		
COMPILE INFORMATION FOR MY REPLY		
FOR APPROVAL		
PREPARE REPLY FOR SIGNATURE OF		
FOR YOUR INFORMATION THEN FILES		
let's discuss		

RECEIVED
SEP 14 1973
WATER SUPPLY BRANCH

Route 10 Box 539
Fayetteville N.C.
September 13, 1973

North Carolina State Dept
of
Public Health
Raleigh, North Carolina

Enclosures: News article & Photograph from Fayetteville Times Sept. 13, 73
2. 69 signatures of residents & businessmen 3. Letter of appeal & explanation
1 Carbon Copy of letter

Sirs and Madams.

We are just a group of citizens without affluence or posh homes but are vitally interested in our community and safeguarding our water supply which we must try to keep as sanitary as possible, because we need it for drinking — not yachting.

We met with our local Board of Adjustments on or about August 29, 1973

at which time the proposal must brought before the Board. By day of decision of the first meeting, Ted J City of Fayetteville who is making the request for the rezoning change from R6 residential to a Commercial Rating that would permit special use of this site which exceeds 25 acres. Action was postponed until Tuesday, September 12, 1973. The Asst. City Manager of Fayetteville, Mr. Bill Thomas and the Acting Superintendent of the Sanitation Department appeared for the city of Fayetteville. They had theis, maps of the area and claimed, to have had state approval as well as engineers studies to show that contamination would not follow following the establishment of the garbage dump. However when the Board asked for these supporting documents the city representatives could not produce them and in our opinion

Fayetteville, N.C. 28301
Mrs. Mabel C. Williams
Route 10 Box 539
Fayetteville, N.C. 28301

2. Mabel C. Williams
Route 10, Box 539
Fayetteville, N.C. 28301

Mrs Annie G. Cooper
R.F.D. 10 Box 540-A 28301
Fayetteville N.C.

3. Roy N. Harris
Rt. 10. Box 545-A
Fay. N.C.
28301

4 Sue Clark
Rt. 10, Box 545
Fayetteville, N.C.

(5) Jim Williams
Eureka Food-o-Rama
Rt 10 Box 247-B
Fay. N.C.

did not give a definitive answer as to their whereabouts now if they exist as alledge. The Board proposed to render a decision on Sept. 25, 1973.

The proposed sight is in the midst of our neighborhood. The area is very sandy and porous and has a very high water table as many of the wells in the area are 25-28 feet in depth and the huge craters that are back there are already in excess of this depth.

Also, water stands in the area during rainy weather which in our opinion attests to the fact that the area is already in contact with a vast amount of water.

The proposed sight is uphill from many of the residents but the 25 acre sight also is back to back with the property owners joining the area and is much closer to their water supply.

The land was at a time in the hands of an Asphalt plant that

created much pollution and nuisance. Of course we could do nothing about this as this was prior to the County-wide Zoning laws that are alledged to be for our protection. Since the expiration of that lease or agreement, one Mr. Brock I believe his name to be, has the land under lease for a period extending into 1975. by his own admission. It appears that Mr. Brock wants to sublease the land to the City of Fayetteville to make a few dollars at the expense of our health and well being.

We are living outside of the incorporate environs of the City of Fayetteville. The area is also within a very short distance of the beautiful Pine Forest Sr. High School. This is only the second year of Operation

for this. Probably in excess of one million dollar plant. The City of Fayetteville would never make a request for a garbage dump in the vicinity of one of their schools.

Some dumping has been done in the area but we feel that for the most part this was done with the owners and/or leasees agreement. This dumping was also done by a major Raleigh road multi-million dollar industry though there is some household garbage in the area.

The list of petitioners attached are asking you to please deny the city of Fayetteville a permit for a garbage dump in the proposed ~~right~~ for the safety of the water supply, to preserve the residential character of our neighborhood and to retain a desirable environmental balance.

Final Page of 5 page appeal for aid in our fight to prevent contamination to our H2O supply.

Sincerely,

Mrs Robert L. Williams

Route 10 Box 537
Fayetteville N.C.
September 13, 1973

North Carolina State Dept
of
Public Health
Raleigh, North Carolina

Sirs and Madams:

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We met with our local Board of Adjustments on or about August 20, 1973

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[illegible]

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Final page 25 page
appeal for help in our
fight to prevent
contamination of our
water supply.

THE FAYETTEVILLE TIMES carolina

Section B

Staff photo by STEVE ALDRIDGE

Lee Vernon Council Is 'King' At Proposed Landfill Site

Community Interest Key

TODAY
September 13, 1973

Residents Fight Landfill

By ANNE EBELING
Of The Times Staff

Eureka Springs residents are fighting a city proposal to construct a sanitary landfill on approximately 24 acres on Josie Street in the rural-residential community.

According to Fayetteville Asst. City Manager Bill Thomas, however, the area "is being used as an unofficial dump right now."

"We would actually be improving it if we put a sanitary landfill there," said Thomas, "because by law we would have to cover it up every day with one foot of earth."

The State Department of Health must approve or disapprove every proposed site for a landfill. The site must be in an area which has a low water table so the water can't be contaminated and it must have soil suitable for coverage in both dry and wet weather. In addition it must be located in a place accessible to compacting and hauling equipment and must have been tested to insure it won't adversely affect the environment.

Thomas said that the State Department of Health has already approved the area and plan proposed and that the Cumberland County commission has approved the zoning.

"The final step," said Thomas, "is to get a conditional use permit — a permit which would allow the city to use the land specifically as a landfill — from the city board of adjustment."

The board met Tuesday night to hear the proposal and the arguments against it. The board will make a decision before Sept. 25.

Mitchell Gadsden, attorney for the Eureka Springs residents, presented the board with a petition outlining their complaints.

Among the points stressed by Gadsden was that "most" of Eureka Springs residents water supply comes from wells not from the city.

"The wells are shallow, 25-30 ft.," said Gadsden, and the people fear contamination from the landfill. The soil is porous like sand and since the landfill is only three feet above the water table and uphill from a nearby stream and lake contamination is quite possible.

Thomas said, however, that the landfill poses no threat to the water supply.

The residents also claim that it will be nearly impossible to keep dogs and rodents away from the landfill and that the area will be plagued with these pests.

Mrs. Robert Williams, spokesman for the Eureka Springs said that "as well as contaminating nearby water, the landfill will ruin the aesthetic beauty of the neighborhood, especially of Pine Forest High School."

According to Jim Curry, a city planning board staff member, "There are several problems the board will have to look into before a decision is reached.

"They want to know if a fence will be put up around the landfill to prevent the neighborhood and how people will be prevented from dumping things there after sanitation workers have gone home."

Another question of primary concern is who will be responsible for maintaining the land once the city is through using it for a sanitary landfill.

According to Thomas the city plans to use the landfill for eight years.

As of July 1, 1974 it will be against the law in North Carolina to have an open dump. Sanitary landfills, which can be turned into parks, golf courses, parking lots or football fields once they are filled, will replace the dumps.

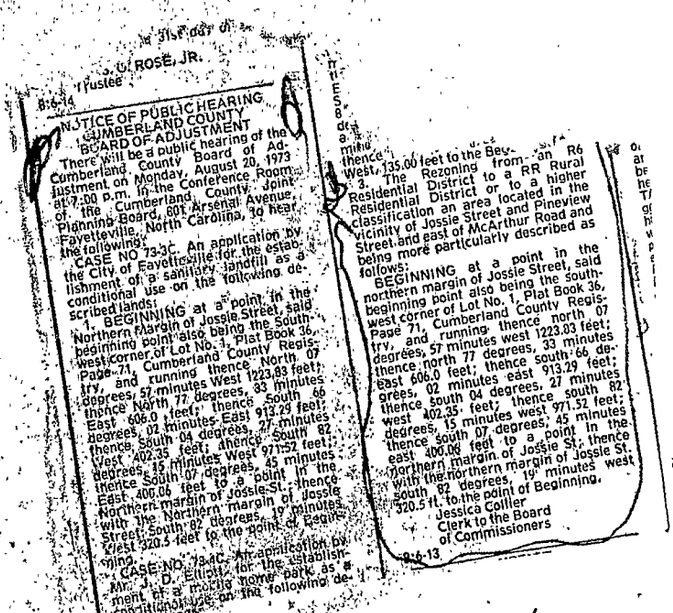
September 7, 1973

We, the undersigned, being residents of Eureka Springs Community and more expressly property owners and tax paying citizens object to the establishment of the proposed landfill in the midst of our community.

We object on ecological, aesthetic, and health reasons. We believe that to allow a landfill in a community that has been zoned as residential and has passed the rezoning hearing test for a proposed C-1 request is undesirable. The honorable elected county commissioners previously denied a C-1 request for a grocery store as being a detriment to the community in the first test case of the rezoning test. Now to use the same community as a landfill is even more appalling.

To now allow a garbage dump in the same community would destroy its residential character, provide for filth, stench, rats, and other rodents; pollution and contamination of our natural water supply at a level of which the undersigned citizens would find intolerable.

We, the undersigned, respectively request that the request by the city of Fayetteville for rezoning to accommodate a garbage dump be denied in the consideration of decency, humane, and ecological conditions.



...day of ...
...ROSE, JR.
Trustee
8-6-14

NOTICE OF PUBLIC HEARING
CUMBERLAND COUNTY
BOARD OF ADJUSTMENT

There will be a public hearing of the Cumberland County Board of Adjustment on Monday, August 20, 1973 at 7:00 p.m. in the Conference Room of the Cumberland County Joint Planning Board, 601 Arsenal Avenue, Fayetteville, North Carolina, to hear the following:

CASE NO 73-3C. An application by the City of Fayetteville for the establishment of a sanitary landfill as a conditional use on the following described lands:

1. BEGINNING at a point in the Northern margin of Jossie Street, said beginning point also being the South-west corner of Lot No. 1, Plat Book 36, Page 71, Cumberland County Registry, and running thence North 07 degrees, 57 minutes West 1223.83 feet; thence North 77 degrees, 33 minutes East 606.0 feet; thence South 66 degrees, 02 minutes East 913.29 feet; thence South 04 degrees, 27 minutes West 402.35 feet; thence South 82 degrees, 15 minutes West 971.52 feet; thence South 07 degrees, 45 minutes East 400.06 feet to a point in the Northern margin of Jossie St. thence with the Northern margin of Jossie Street South 82 degrees, 19 minutes West 320.5 feet to the point of Beginning.

CASE NO. 73-4C. An application by Mr. J. D. Elliott for the establishment of a mobile home park as a conditional use on the following described lands:

...thence West, 135.00 feet to the Beginning.

3. The Rezoning from an R6 Residential District to a RR Rural Residential District or to a higher classification an area located in the vicinity of Jossie Street and Pineview Street and east of McArthur Road and being more particularly described as follows:

BEGINNING at a point in the northern margin of Jossie Street, said beginning point also being the southwest corner of Lot No. 1, Plat Book 36, Page 71, Cumberland County Registry, and running thence north 07 degrees, 57 minutes west 1223.83 feet; thence north 77 degrees, 33 minutes east 606.0 feet; thence south 66 degrees, 02 minutes east 913.29 feet; thence south 04 degrees, 27 minutes west 402.35 feet; thence south 82 degrees, 15 minutes west 971.52 feet; thence south 07 degrees, 45 minutes east 400.06 feet to a point in the northern margin of Jossie St.; thence with the northern margin of Jossie St. south 82 degrees, 19' minutes west 320.5 ft. to the point of Beginning.

Jessica Collier
Clerk to the Board
of Commissioners

8-6-13

Copy of Request made by City of Fayetteville, N. C.

6. Bobby Cotton
906 Southview Circle
Fayetteville N.C.
(Eureka Barber Shop.)

7 PEARDEN'S BAR-B-Q
MCARTHUR RD
EUREKA SPRINGS
Jimmie Pearden (488-1972)

8. Cecil Carter
Studio 5 Unique 488-9050
Fay.

9. Mayne Arnett
Route 6 Box 762
Fayetteville, N.C.

10. Mrs Pauline Tatum
Route 6 - Box 757
Fayetteville, N.C.

11. Henry Tatum
Route 6 - Box 757
Fayetteville, N.C.

12. Fannie Lou Wicker
Route 6 - Box 758
Fayetteville, N.C.

13. Mrs. Juanita W. Estep
Rt 6 Box 759
Fayetteville, N.C. 28301

14. Mr. Charles Estep
Rt 6 Box 759 N.C. 28301

15. J. W. McKoy
P.O. Box 215
Andrew Road
Fayetteville, N.C.

16. Mrs. J. W. McKoy
P.O. Box 216
Andrew Road
Fayetteville, N.C.

17. NA Murphy

18. Kathleen Murphy
Route 6, Box 755
FAYETTEVILLE NC

19. Mr. & Mrs. (15) Cosmas D. Eaglin
601 Hastie Loop
Fayetteville, N.C.
Owner of residences Look Ave.

20. Mr & Mrs James R Nicholson
Rt-15 Box 282-A14
Fayetteville, N.C. 28301
Owners of Residence + Business
Korea Food Center

21. Maggie Elliott
Rt 10 Box 260
Fayetteville, N.C

22. Catherine Elder
Rt 10 Box 259
Fay, N.C.

23. Summie Elder
Rt, 10. Box 259
Fay, N.C, (28301)

24. Mrs Lawrence Jones
Rt 10, Box 263
Fayetteville, N.C

25 Mr. Willie Jones
Rt 10, Box 263
Fayetteville, N.C.

26 Nathan L. Garner
Rt 10 Box 532
Fay N.C

27 Mae E. Garner.
Rt. 10 - Box 532 -
Fayetteville, N.C.

28 James O. Wade
Rte 10 Box 552
Fayetteville N.C. 28301

29 Sarah B. Wade
Rte 10 Box 552
Fayetteville NC

30 Mrs. Arlene Williams
Route 10, Box 554-A
Fayetteville, N.C.

31 Mr. James Williams
Route 10, Box 554-A
Fayetteville, N.C.

32 Mrs. Clara Sutton
R10, Box 554-A1
Fayetteville, N.C.

33 Lawrence Sutton
Rt 10
Fayetteville N.C.

34 Rufus Sutton
Rt. 10, Box 554-A1
Fayetteville N.C.

35 Sgt L G Holston
Rt. 10 Box 539A-

36 Catherine M Holston
Rte 10, Box 539A-1
Fayetteville N.C.

37 Mecco James
Rt 10, Box 544-A
Fayetteville, N.C. 28301

38 Yong Cha James
RT 10 Box 544-A
Fayetteville, N.C. 28301

39 Mr. Paul Joyner
Rte 10, Box 555 Pinevilew
Fayetteville N.C. 28301

67. Bobby L. Hoy
6612 CUSHING DR
FAY

68 - Mrs Ellen E Joseph
601 Braxton Blvd
Fay.

69. Charles E. Estep
Rt 6, Box 759
Fay

40 MRS. Mary S. Jaynes
Rte 10, Box 555 Pinewien
Fayetteville N.C. 28301

41 Lillian McLaughlin
Rte 10 Box 542
Fayetteville N.C.

42 Ernest L. Shelly
Rte 10. Box 525 A
Fayetteville, N.C.

43 Betty Shelly
Rte 10 Box 525 A
Fayetteville, N.C. 28301

44 John Seaford
Rte. 10, Box 550
Fayetteville, N.C. 28301

45 Mrs Matlo Seaford
Rt. 10, Box 550
Fayetteville, N.C. 28301

46 Mr. Dale T. McDonald
RT. 10, Box 542
FAYETTEVILLE, N.C. 28301

47 Ms Zenora McDonald
Rt. 10, Box 542
Fayetteville, N.C. 28301

48 Mr. & Mrs. William McKoy
Rte. 10, Box 518-A
Fayetteville N.C. 28301

~~49~~ RT 10 BOX 522 1A
MR. mes JIM CROWDER
FAYETTEVILLE NC.

~~34~~ 50 B. G. Byrd
484 Huckleberry Dr
Fayetteville N.C.

51 Marilyn Byrd
484 Huckleberry Dr.
City

~~33~~ 53 Sgt and Mrs Amaro S. Burgos
Route 10, Box 263
Fayetteville. NC. 28301

54 Donald Ray Burgos
Route 10, Box 263
Fayetteville NC 28301

~~35~~ 55 John W. Knox
Rt. 10 Box 533, Fay., NC. 28301

56 Bernice Daniel Rte 10, Box 518 Fayetteville, N.C

57 Roosevelt Daniel Rt. 10, Bx 518 Fayetteville, N.C

58 Sylvester McKeithon
Route 10 BOX 513
Fayetteville NC

59 E. R. McKeithon
R 10 Box 526
Fay. NC.

60 John Dorse EUREKA SPRING, RESIDENCE.
415 Fayetteville NC
NOTE
Mailing address 61 Mrs Elnora Dorse

62. Mrs Betty Taylor
6581 Winthrop Dr
Fay. NC 28301

63. Mrs. Tony Flowers
599 Braxton Blvd
Fayetteville N.C.

64.

65 Mrs. Charlotte Ferguson
6583 Winthrop Dr.
Fay. N.C.

66. Mrs. Kenneth W. Griffith
595 Braxton Blvd
Fayetteville, N.C. 28301

See page 4 for continuation

Cumberland

JAK

September 10, 1973

Mrs. Robert L. Williams
Route 10, Box 539
Fayetteville, North Carolina 28301

Dear Mrs. Williams:

The attached copy of the Division of Health Services "Rules and Regulations Providing Standards for Solid Waste Disposal" will provide you with the information you requested in your letter of September 6, 1973.

If this office can provide you with further information, please let us know.

Sincerely,

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

bm
Attachment

Route 10, Box 539
Fayetteville, N.C. 28301
Sept 6, 1973

Sir:

Please send me anything you have on the state regulations pertaining to garbage disposal as to its desireability of distance away from residential homes and individual wells.

This information is desired at once.

Thank you very much.

Yours truly,
Mrs Robert K. Williams

P.S. A garbage disposal dump is being advocated for the midst of my neighborhood and would like information — scientific — to combat it.

RECEIVED
SEP 8 1973
SANITATION BRANCH

406 HOPE MILLS RD.
FAYETTEVILLE, N. C.

DISPOSAL SERVICE
Louis-Porth

P. O. BOX 406
HOPE MILLS, N. C. 28348

PHONE 425-2855 / 425-1215

RECEIVED
AUG 7 1973
SOLID WASTE-VECTOR CONTROL

August 2, 1973

Mr. Jerry C. Perkins, Assistant Head
Solid Waste & Vector Control Branch
Sanitary Engineering Section
N. C. Department of Human Resources
P. O. Box 2091
Raleigh, North Carolina 27602

Dear Mr. Perkins:

Thank you for your letter of July 30, 1973.

Since this is the first effort on my part of getting a sanitary landfill approved, would you please specifically outline step by step the necessary procedures to take in order to receive final approval.

Sincerely,

W. A. Maxwell

WAM/lht

cc: Mr. Terry F. Dover

Answered by phone
8-21-73 JCP

Cumberland
1973

July 31, 1973

Mrs. Theresa Downer
Route 1, Box 204
Fayetteville, North Carolina 28301

Dear Mrs. Downer:

I appreciate the bulletins you sent with reference to solid waste disposal.

I realize that there is much to be done in order to alleviate some of the problems that you describe in your letter and this agency is making every effort to introduce procedures that might accomplish to some extent a cleaner environment. I am sure that there will always be certain groups that will not comply or attempt to do those things that will improve the environmental conditions that you describe in your letter.

It is my understanding that county officials are in the process of planning a more complete collection service that will provide adequate facilities for the entire rural area and I am sure that this should eliminate some of the problems involved with the open dump.

I am sending a copy of this letter to Mr. Terry F. Dover, District Sanitarian, requesting that he contact you along with local officials and discuss some of the plans that are being developed along this line.

Very truly yours,

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

SHU:bm
cc: Mr. Terry F. Dover

July 19/73

Dear Mr. Usry,

I am writing this letter to you because I'd like to give you some material which the Environment Protection Agency from Washington, D.C. has given me.

I have send many snapshot of the illigal dumping in this lovely wood, and how it rem,in the same without any cleaning up. About three week ago, I saw a color couple, who has just dumping out a electric stove and some roofing materials, and the stove was found in our driveway, this past Sunday. It got us very anger, that we contact the sheriff and told him that we will shoot the first person that does anymore dumping of trash. this has happened twice we found a death wild rabbit in our mailbox, and now this stove. My husband has to take it to the landfill, even if it not our. But when I saw the people that had did the dumping of the stove and roofing materials, I couldn't stop because I had to follow my husband, to sell his van, and he has to have a ride back. But if I didn't have to follow my husband, I'd have stop and chew out these people, but, yet, they may have carry a gun. It is not really my job to stop these dirty people from taking their trash to the landfill. But if enough cooperates and effort and enforcement was done these thing wouldn't have happened. So it up to you whether action will set up with county Commissioners, about having the dumpsters. As the County Commissioners is alway saying that when they can get to it, meanwhile, the wood, is getting so bad, and it is full of big rats, which are hard to kill because of their size, because of the piles of trash, that is left day and after day. We have clean out some, but, we will not be forever here, and it will just get dirty again. If we had our way, and so does other people would like to have their own way we will like to ship these color people back to Africa, that where they belong. They are so dirty, and don't cares who suffer from their litters.

It just anger us all because we have never bother anyone only when they start throwing out trash, do we education them about the environment problems I say it about we raise the tax of the one that does not cares about how to keep the earth clean. Environment will get pretty expensive to keep the earth clean. I am just pretty disappointment in the state of N.C. because the law is so weaked. And hardly does anyone cooperates in putting their trash in the landfill, and it make me think the people are just simple lazy.

I'd like to see you and all of the Health Dept. have some Action with the County Commissioners, it is the innocent one that suffer because lack of interested. So we would like to see the dumpsters being place in the rural area as soon as possible.

Theresa Downer

Theresa Downer
Rt. 1, Bx. 204
Fay. N.C. 28301

RECEIVED
JUL 30 1973
SOLID WASTE-VECTOR CONTROL

Cumberland

JAMES E. HOLSHOUSER, JR.
Governor

DAVID T. FLAHERTY
SECRETARY

STATE OF NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
State Board of Health
REGIONAL OFFICE
ROOM 203 GRACE PITTMAN BUILDING
FAYETTEVILLE, NORTH CAROLINA 28301

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

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

March 5, 1973

Mrs. Theresa Downer
Route 1, Box 204
Fayetteville, North Carolina 28301

Dear Mrs. Downer:

This letter is meant to summarize the contents of our discussion of March 2, 1973, which was prompted by letters written to the State Board of Health in Raleigh and also to me personally.

Your major concerns, if I gathered correctly from our discussion, seemed to be in two main areas - the solid waste program in Cumberland County and the feasibility of recycling of solid waste on a large scale.

As of this date Cumberland County has made much progress in their solid waste program. The county is franchised into two major areas with a private collector serving each area. The private collectors offer collection service to anyone in these areas where there are at least three customers per mile who want household collection. These collectors haul to two large landfills which they operate. Realizing that there are some areas in Cumberland County which do not have enough houses per mile to take the collection service, the County Commissioners established five satellite landfills scattered throughout the county where people could haul their waste without charge, up to a certain amount per trip.

You also raised the question of proper on-site storage of waste and made mention to the fact that you had observed areas where this was a problem. If you would contact the Cumberland County Health Department and give them specific data in regards to location, owndership, etc., they have a staff of five sanitarians in their Solid Waste Section who would be most happy to investigate a specific area and make sure county and state health laws are abided by.

We all realize that landfilling of solid waste is a tremendous waste in natural resources, but we are faced with trying to give the people of North Carolina a reasonable approach for disposal of waste without cost being prohibitive. Recycling is wonderful, and some is being done on a small scale, primarily cardboard and metals. We still are not technologically advanced enough to provide recycling on a large enough scale to handle all solid waste

STATE BOARD OF HEALTH MEMBERS: James S. Raper, M.D., President, Asheville • Paul F. Maness, M.D., Vice President, Burlington • Charles T. Barker, D.D.S., New Bern • Lenox D. Baker, M.D., Durham • Joseph S. Hiatt, Jr., M.D., Southern Pines • Donald W. Lackey, D.V.M., Lenoir • Jesse H. Meredith, M.D., Winston-Salem • Robert B. Nichols, Jr., Hillsborough • Ernest A. Randleman, Jr., B.S.Ph., Mount Airy

which has to be disposed of at reasonable cost and cost must be taken into consideration. We do not consider landfilling as being the final answer, but you must admit that it is much better than having open burning dumps which contribute to air pollution, vector breeding, and in many cases water pollution.

In summarizing, I can assure you that we will work toward a brighter tomorrow in solid waste management.

I enjoyed meeting with you; and if I can be of further assistance in the future, please let me know.

Sincerely,

Terry F. Dover

Terry F. Dover
District Sanitarian
Solid Waste and Vector Control Section
Sanitary Engineering Division

TFD/gm

cc: Mr. Lacy Williams

Cumberland
NC

February 14, 1973

Mrs. Thurzena Downer
Route 1, Box 204
Fayetteville, North Carolina 28301

Dear Mrs. Downer:

I am sending a copy of your letter to Mr. Terry F. Dover, District Sanitarian, requesting that he investigate the conditions described and make recommendations to alleviate the problem. He will contact you at the time of the investigation.

Very truly yours,

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

SHU:clf

cc: Mr. Terry F. Dover

Feb.8,1973

Dear Sir,

I am writing this letter to you because I'd like your help.I think it time we did something to solve the solid wastes problem.

Every day I drive out I see people trash can so over fill,and there is no trash pick up.A color family move out next door and took their house with them.They have left so much trash behind,that is pity.It can cause disease carry insects,and attract mice and rat.But we must do something so this won't continue in the future.

I have going over there every day for one month,collect for recycling and I am exhaution.I'd like some help.There are old rusty mattress, which can not go to the recycling,because it is too big.

Our landlord own the land and he gave them the house,if they would would clean up the trash.But they have agree to clean it up but they didn't clean it up.

The state of N.C. is a fine state but the law in some thing is so weak that is need to bring up to date strong law.The state of N.C. has many beautiful scenery,many wooded area,many beautiful forest,lake,natural area.But some of the place in N.C. is very dirty.We must NOT give up to protector our environment.Remember is it much better to recycling our solid wastes than to use up all the landfill.Other state have trash pick-up,but why can't the State of N.C.?I don't know what you can do to help, but,I'd like to see solution to these problem.People will continue to litter the highway as long as there is no trash pickup.And if there is a new rule that will come out then these color people should be education that they can't no longer living like this litter their yard.It is so bad we were going to buy a farm here in N.C. But I am afraid we do not get the protection that we need and the way the law are so weak.

Please reply and let me know what help that you can do.But the State of N.C. has the power to enforcement the trash pick up.

Sincerely
Theresa Downer

Theresa Downer
Rt.1,Bx. 204
Fay.N.C.28301.

RECEIVED
FEB 9 1973
SANITARY ENGINEERING
DIVISION

Cumberland
SRC

October 27, 1972

Mr. Terry F. Dover
District Sanitarian
Southeastern Regional Office
203 Grace Pittman Building
Fayetteville, North Carolina 28301

Dear Mr. Dover:

I am enclosing a copy of a letter from Mrs. Theresa Downer, Route 1, Box 204, Fayetteville, North Carolina, with reference to solid waste disposal and recycling. I would appreciate your contacting Mrs. Downer and discussing the solid waste management program with her.

Very truly yours,

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

SHU:bm
Enclosure
cc: Mrs. Theresa Downer

Oct.25,1972

Dear Sir,

I am writing this letter to you because I am enclosing some articles.I'D like to tell you about the solid wastes problems.

If you would please paid special attention to the articles on composting on soil making,by organic wastes,Organic Farm.There are numerous way of recyclers,to save our lands from being fill.

I am very concern about the pollution of our Environment.I'd like to save the land from being fill with solid wastes.By having a recycling, which is a profitable money making.We do not have a trash pick up,here in the cumberland county and it has been a problems,people have been dumping their trash along the edge of the highway.We do pick up trash for other, but only recycler materials.Our landfill is becoming an eyesore,and pollutes so many body of waters.

The Fayetteville beautiful,Lion club,Jaycees,Youth Council,The Sierra Club are all in favor of start collection for the whole cities of Fay.on recycling.But we do want to save the land from being fill.

Paper can be recycling,it is more profit because it weight more,so it glass,aluminum,steel cans,it has been DONE in other States and it has been very successful.So I'd like to see the States of N.C. being able to save their land from solid wastes.The solid wastes which is being use the land for dumping can cause disease carrying insects and bring in mice.

I am so very concern about the open burning,which should be inforce,it drift into the air,and travel by wind for miles and pollutes our air.We need to wake up and start care.We need to care because it has been knowing to kill our songbird and the wildlife which are important to us all.Whatever is harmful to our bird and wildlife in time it will contaminates humen being to it.We need strict law on giving out less permission of open burning. So I hope you will TAKES the first step to save the land from being fill by recycling,and composting for ordinary garbage of kitchen wastes.I do want to say that the States of N.C. is a very Fine States if only we be little more strict on law,which some of it weak in some thing.I'd like a reply from you as what do you think of this recycling Solid wastes?

Sincerely
Theresa Downer

Theresa Downer
RT.1,BX° 204.Fay.N.C. 28301.

RECEIVED
OCT 26 1972
SANITARY ENGINEERING
DIVISION

Composting

This is your fertilizer and soil-builder, all in one, and is simply decomposed organic matter. First, scratch up some bare soil and build your pile in layers on the bare spot. Start with plant matter, such as grass clippings, leaves, weeds, hay, vegetable scraps from the kitchen, etc. Then add nitrogen-rich materials such as any livestock manure, poultry wastes, cotton-seed or soybean meal, hair from the barber shop, etc. These should equal about a fifth of the green matter. Then add a half-inch layer of soil. Repeat layers until three or more feet high. Other good materials in smaller quantities are wood ash, green-sand, rock phosphate, crushed limestone. Keep moist but not wet and turn every week. In warm weather you'll have compost within a few weeks.

Weeding

A few weeds among the vegetables are actually beneficial, but don't let them get too thick. Pull them and use them on the spot for mulch. Or compost them—they're full of plant nutrients. Weeding is much easier after a soaking rain. Let weeds cover any bare spots in the garden. Nature is a prude when it comes to bare soil. An occasional weeding takes hardly any time and gets you into the organic garden — the friendliest place in the world.

Insect Control

Insects are a part of nature's web of life and we destroy them at our peril. There's no need to declare war on them with poisons. For your plot, pick them off the plants by hand, squirt 'em off with a hose, or dust plants with wood ashes or douse them with soapy water. Encourage birds by hanging bird feeders and suet. Other helpers that eat insects are toads, frogs, snakes, ladybugs and praying mantises. Plant a few strong herbs or garlic in among your vegetables. They discourage pests, too. If the bugs still eat a little of your delectable produce, can you blame them?

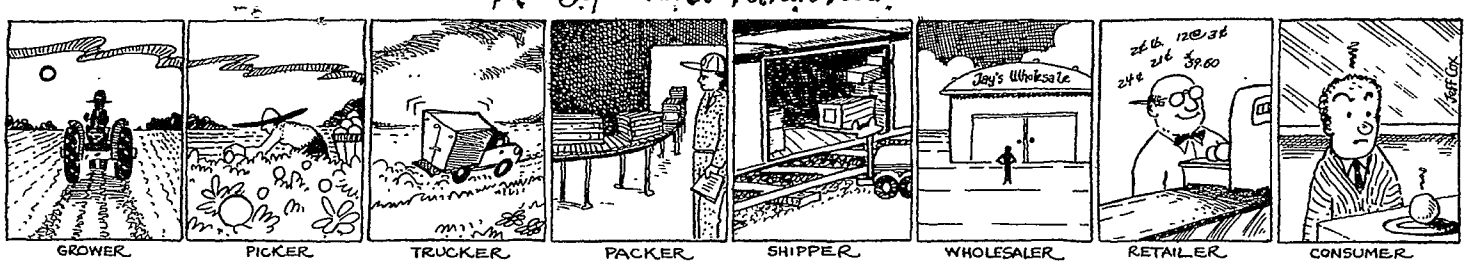
Mulching

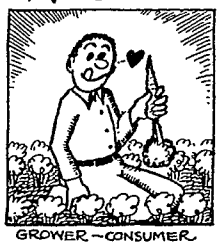
Mulching is dressing the soil around your plants with organic matter; some people use newspaper and even rocks, but most lay straw, compost, weeds or spoiled hay beside the plants. This keeps moisture in, weeds down, adds nutrients and humus to the soil, feeds the bacteria that feed your plants, and makes gardening a lot easier.

This card has been prepared by Organic Gardening and Farming magazine, Emmaus, Pa. 18049. Printed on recycled paper.

GROW ORGANIC FOOD RIGHT AT HOME

Many Americans are beginning to wonder what's in the food they buy. They're justifiably fearful of the chemicals used to grow it and preserve it, flavor it and color it. But you don't have to wonder when you raise that food yourself — organically. To practice a little backyard ecology, think small at first. Elaborate gardens are for the experienced, but everyone can plant *something* this year. Think of the vegetable you like best and find some seed. Planting directions come on the package. Discover a choice spot in the yard, in a corner of the flower bed or use a windowbox. Nature will take her course and you'll marvel at how sweet and wholesome food can be. On the back of this card are some of the major techniques of organic gardeners, simplified for your use, and our address in case you want more information. Let's all get back to the soil organically this summer. You and the soil will be richer for it.





Keep It Simple...

...Keep It Fresh!

chemicals to fertilize or kill bugs. For fertilizer, make yourself a little compost pile from any type of organic matter — grass clippings, vegetable scraps from the kitchen, leaves, bird cage droppings or even hair from the barber's floor. When you weed your vegetables, toss the weeds onto the pile, too. Keep this pile about three feet high and keep it moist but not wet. Turn it over a few times and within a few weeks you'll have some nice rich compost to dig in around your plants. If you live in the country and there's horse or cow manure around, compost this too. It makes the pile heat up and makes it rich. Use about five times more plant clippings than manure. If you can't make compost before planting time this year, check your garden store for an organic fertilizer. Sometimes you can find pre-packaged rotted cow manure, which is okay if you don't have any compost made. If you can't find *anything*, just plant and wait for your compost. Then fertilize.

As for bugs, consider them friends. They are just a part of nature's grand idea. However, sometimes they can't tell your favorite vegetable from theirs, so you may find them on your plants. Pick them off by hand and squish them, or take them far away from your garden. No trouble; no need to launch an all-out war with bug sprays.

As a matter of fact, everything is friendly in the garden, even the bugs. And nature does almost all the work. Although it's necessary to turn over the earth with a spade and loosen it up before planting, it's nature that breeds the billions of little bacteria that give the soil life and make it healthy. Her bacteria colonies chew away on rocks and dead plants to make plant food right in the ground. Just keep the colonies thriving and your plants will grow like magic. That's why compost is so good. It's food for the bacteria that make plant food. Feed your soil; your soil feeds you. What a partnership! What a friendship! Did you know the Indians thought of the soil as their mother? Maybe we should, too.

Nature grows the plants. After they sprout and poke up above the ground, give them a drink when they might be thirsty. Do this in the evening. And when they get going pretty well, keep a thick layer of mulch around them. That's nothing more than piling some straw or hay or coffee grounds or compost or any plant matter, or even rich dirt, up alongside the plants to keep the weeds down.

Nature also grows the weeds. But remember, everything in the garden is friendly. The weeds are great between your rows of vegetables, if you have a bigger garden, as long as you don't let them bother your vegetables. Or if you're using a corner of the flower bed, let your vegetables hob-nob with a few weeds. Not too many. You really don't even have to compost the weeds. Just let them lie by your vegetables as you pull them. They'll help keep other weeds down and enrich your soil.

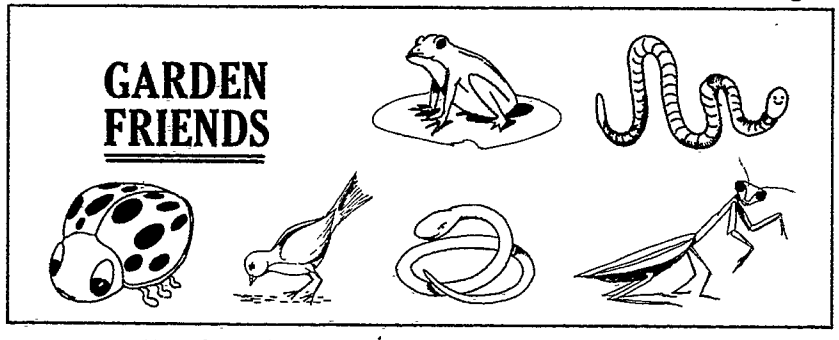
You'll see these plants grow over the summer. And you'll probably see yourself grow a little. You'll get a bit attached

to them. You can fuss over them if you want to, but they'll do fine with only a little bit of attention. Finally, they'll be ready to eat.

Now, we've all been going to the supermarket since we rode in the shopping carts. And that's mostly where we get our vegetables. People are starting to want organic food now . . . food grown the way you grow it, without chemicals and bug killers . . . and it's beginning to show up in the supermarkets.

But here's a secret: Nature wants food to be eaten as soon as it's picked. That's why most vegetables are loaded with natural sugar right when they're picked. Wait a few days, or even a few hours, and that sugar quickly turns to starch.

So go ahead and pick that first ripe bean. Eat it right



away. Hallelujah! Incredible, isn't it? Now try a pea pod. You've never tasted anything as sweet as a fresh, early pea. That's the way it is with home-grown stuff. Supermarket food is supermarket food, even when grown naturally, and nothing beats the taste of fresh. Now share the bounty with your friends. Raise strawberries and when they're ripe have the kids over and lay around the strawberry patch eating them right off the plants.

Or grow next Halloween's jack-o-lantern. Or maybe you'd like to grow some nice plump watermelons? Or some luscious corn? Whatever you want, nature will grow it for you.

Next time you see the sun shine, think of having a garden, and of using the sunshine in a good, clean way. There may be a disappointment or two. Even the best gardeners lose a crop now and then. But you'll probably get more than you thought you would. You'll become part of the garden . . . a main part. And in the garden, everything is friendly.

prepared by Organic Gardening and Farming magazine, Emmaus, Pa. 18049. Printed on recycled paper.

WHAT IS ALL THAT SUNSHINE FOR IF NOT A LITTLE GARDENING?

GROW ORGANIC FOOD AT HOME THIS SUMMER

We all spend a lot of time in other worlds these days: the movies, the flickering TV, our books, the classroom . . .

But outside . . .

The real world! Sunshine and bluebirds and things that make you sneeze. Tons of sunshine; sunshine that crawls into cracks and behind fences, just looking for little seeds to sprout; sunshine smiling whole gardens full of sweet, tender vegetables into life; free sunshine, more than we can use.

Add your voice to this summer song. Plan a little garden — just a little something. Maybe some tomatoes out by the trellis, or a windowbox full of lettuce, or some carrots and peas in a corner of the flowerbed, or even a little garden you plant yourself.

There's nothing to it . . . look what that sunshine does to a bare field. It would love to grow some food for you, if you want to help.

It's real. Maybe it doesn't bang and flash like the comics or the TV, but it's *real.* Just wait until you taste a berry you've grown yourself.

Okay. What's your favorite vegetable? Potatoes? Nothing simpler. Plant pieces of a cut-up potato with the eyes in them an inch or two below the soil, wait three months or so, and you've got potatoes. Whatever your favorite is, plan to get some seed from a seed store (sometimes the supermarkets have seeds in the spring). You can get seeds that aren't treated with chemicals through most seed catalogues. Just ask when you order.

Planting instructions come on the package, usually. If not, ask somebody who gardens.

And remember the environment. You don't have to use

GARBAGE & SEWERAGE PLANTS

Houston, Texas: Metropolitan Waste Co. System; Designer: Metro Waste of Wheaton, Illinois; Capacity: 350 tons/day; Processing Time: 4-6 days Product Name: ALIVE Product Form: Fibrous; Ingredients: Composted garbage and sewage sludge
For further info.: City Council; Garbage Committee; Houston, Tex. Metro Waste of Wheaton, Ill.

Gainesville, Fla.: Metropolitan Waste Co. System; Designer: Metro Waste Co. of Wheaton, Ill.; Capactiy: 150 Tons/day; processing time: 4-6 days; Product name: ALIVE: Product form: Fibrous; Ingredients: Composted garbage and sewage sludge
For further info.: Metro Waste of Wheaton, Ill.

Mobile, Alabama: Windrow Composting; Capactiy: 300 tons/day; processing time: 5 wks. +; Product name: MOBILE-AID ORGANIC SOIL CONDITIONER: Product form: Fibrous; Ingredients: Composted garbage
For further info: Public Works Commission; Mobile, Alabama

St. Petersburg, Fla.: International Disposal Corp. System; Designer: Westinghouse Electric; Pittsburgh, Pa.; Capacity: 105 tons/day; Processing time: 5 days; Ingredients: Composted garbage
For further info.: International Disposal Corp., Shawnee, Pa.

Chicago, Ill.: Capacity: Believed to be entire daily volume of sewerage; Ingr dients: Sewerage sludge; Market: Barged to Florida Citrus Growers

Johnson City, Tenn.: Windrow Composting; Capacity: 60 tons/day; Processing time: 5 wks. + or -; Product form: Fibrous; Ingredients: Composted Garbage

Altoona, Pa.: Fairfield-Hardy Digester System; Designer: Fairfield Engineering Co., Marion Ohio; Capacity: 25 tons/day; Processing time: 5 days; Product name: SUN SOIL (fairfield Organic Humus Builder); Ingredients: Composted garbage
For further info: Fairfield Engineering Co., Marion, Ohio

Arnhem, Netherlands: Dorr-Oliver Rasping Unit System (Windrow Composting); Capacity: 125 tons/day; Product form: Probably fibrous; Ingredients: Composted garbage
For further info.: Minister of Agriculture; Compost Foundation; Netherland

Milwaukee, Wisc.: Capacity: Believed to be entire daily volume of sewerage; Product name: MILORGANITE: Product form: Pelletized; Ingredients: Sewerage sludge
For further info.: Milwaukee Sewerage Commission, Milwaukee, Wisc.

BOOKS AND REPORTS

COMPOSTING: SANITARY DISPOSAL AND RECLAMATION OF ORGANIC WASTES, Dr. Harold B. Gotaas, Dean of Northwestern U. Technological Institute

RECLAMATION OF MUNICIPAL REFUSE BY COMPOSTING, Prof. E.H. McGauhey, Director of Univ. of California's Sanitary Engineering Researach Lab.

WASTE MANAGEMENT AND CONTROL : ECONOMIC FEASIBILITY STUDY FOR REFUSE AND SLUDGE COMPOSTING Plant, both by National Academy of Sciences

Experts; La Mont C. Cole, Prof. of Ecology at Cornell
Lyle Randles, Jr., Los Angeles By-Products Co. (Recycling)

PLASTIC RECYCLING: SEAJAY, Inc., New Shresbury, N.J.: All types and forms of plastic recycled into flooring material. Operation has proven to be financially workable. Seajay is donating excess profits to local environmental groups.

OLD TIRE RECYCLING; COMPANIES UNKNOWN; Old tires are collected and then ground to coarse powder. Powder is then, mixed with hot asphalt for paving of roadways. Success of system is proven by road paved in 1927 that has not cracked or failed in any other way since installation. The rubber in the asphalt mix provides resiliency for both thermal expansion and durability to traffic.

ORDINANCE

OF THE COUNCIL OF THE CITY OF BOWIE, MARYLAND PROHIBITING THE SALE OF CERTAIN NON-RETURNABLE OR DISPOSABLE BEVERAGE CONTAINERS WITHIN THE CITY OF BOWIE

WHEREAS, the use of certain disposable beverage containers and their consequent disposal is producing an adverse effect upon the environment which is injurious to the health, safety, comfort, convenience, welfare and happiness of residents of this City; and

WHEREAS, pursuant to section 18 of the Charter of the City of Bowie, the City Council has the power to pass such ordinances as it deems necessary for the protection and promotion of the health, safety, comfort, convenience, welfare and happiness of residents of the City; and

WHEREAS, pursuant to said authority the City Council deems it in the public interest to prohibit the sale of certain non-returnable or disposable containers within the corporate limits of the City of Bowie in an effort to curtail the steady degradation of the natural environment;

NOW, THEREFORE, BE IT ORDAINED by the Council of the City of Bowie:

Section 1. The sale of certain non-returnable or disposable beverage containers as herein defined is hereby prohibited within the corporate limits of the City of Bowie.

Section 2. Definitions

For the purposes of this Ordinance, the following terms, phrases, words and their derivations shall have the meaning given herein:

a. Beverage(s) shall mean:

1. Non-alcoholic beverage - any mineral waters, soda waters of any other carbonated our uncarbonated beverage not containing alcohol that is commonly known as a soft drink.

2. Alcoholic beverage - any beer, ale or other malt beverage containing one-half of one per centum or more of alcohol by volume.

b. Cith shall mean the corporate limits of the City of Bowie.

c. City Manager shall mean the City Manager of the City of Bowie, or his designee.

d. Container shall mean any device made of glass or metal material used for the purpose of holding or containing either soft drinks or beer.

e. Non-returnable or disposable beverage container shall mean any device made of glass or metal material used for the purpose of holding or containing either soft drinks or beer and the title to which the seller intends to pass with the sale of the contents.

f. Sale shall mean a commercial transaction by any person, firm, individual, corporation, partnership or vendor whereby beverages are exchanged for a monetary consideration.

Section 3. Inspection

The City Manager, or his designee, shall have the authority to enter upon the premises of any firm, individual, corporation, partnership or vendor selling beverages and which is licensed to conduct a business under the laws of this state, for the purpose of performing inspections to determine if said firm, individual, corporation, partnership or vendor is in compliance with the provisions of this Ordinance.

Section 4. Violations

Any firm, individual, corporation, partnership or vendor selling beverages within the City, found guilty of violating any provision of this Ordinance, shall be guilty of a misdemeanor and shall be punished by a fine not exceeding one hundred dollars

($100.00) or imprisonment for thirty days (30)or both such fine and imprisonment. Each day's violation of the provisions of this Ordinance shall constitute a separate offense.

Section 5. Severability

The provisions of this Ordinance are hereby declared to be severable and if any provision, sentence, clause, section or part thereof is held illegal, invalid, unconstitutional or inapplicable to any person or circumstance, such illegality, invalidity, unconstitutionality or inapplicability shall not affect or impair any of the remaining provisions, sentences, clauses, sections or parts of this Ordinance or their application to persons and circumstances.

Section 6. Effective Date

This Ordinance shall take effect at the expiration of twenty (20)calendar days following its passage, after publication as required by law. Provisions of this act shall apply to all sales of non-alcoholic and alcoholic beverages as defined herein, made after April 1, 1971.

INTRODUCED by the Council of the City of Bowie, Maryland at a regular meeting on June 15, 1970.

PASSED by the Council of the City of Bowie, Maryland at a regular meeting on July 21, 1970.

/s/ L. E. Green
Leo E. Green
Mayor

Attest:

/s/ Edith Maylack
Edith Maylack
City Clerk

STATE OF NORTH CAROLINA
DEPARTMENT OF NATURAL AND ECONOMIC RESOURCES
Box 27687 Raleigh 27611

CHARLES W. BRADSHAW, JR.
SECRETARY

ROBERT W. SCOTT
GOVERNOR

Office of Water and Air Resources
GEORGE E. PICKETT, DIRECTOR
TELEPHONE 829-3003

October 20, 1972

RECEIVED
OCT 24 1972
SANITARY ENGINEERING
DIVISION

COPY

Mrs. Theresa Downer
Route 1, Box 205
Fayetteville, North Carolina 28301

Dear Mrs. Downer:

I appreciate your kind remarks with regard to us solving the open burning problems in your area.

With regard to recycling and disposal of solid wastes, this is the responsibility of the Sanitary Engineering Division of the North Carolina State Board of Health. By copy of this letter, I am forwarding your letter to them asking that they follow through and reply direct to you on this matter.

Sincerely,

George E. Pickett

GEP:mw
cc: N.C. State Board of Health

Oct.19,1972

Dear Sir,

I have received your reply date Oct.16,1972.And I am very happy with your reply in solving the problems of the open burning violatings.Our air is so much better,and we can breathes.

I'd like to know if it possible to save the land from the wastes,by having these Industries turn their wastes to recycling and they can make more profit by recycling.There is no trash pick up here in the Cumberland county, but,we do pick up other recyclers materials.Or if they don't want to make a profit,we still would like to help by taking in their recycling materials.If it not too much,we would pick up ;tied up bundles of newspaper,magazines,cardboard.We takes separated glass,clear,and green bottles.Metal,tin food cans, aluminum.If each industries are interest in keeping their Environment clean,and the recycling money goes to the Sierra Club.All these recycling help to save the natural resources.A lot of group of people are saving their recycling material.So if you would think it is good idea,to limit the wastes and to save the land.

I'd appreciate if you would contact these industries and they could contact Mr. Downer,but,if the material if left outside and out of the rain,it have to be on Saturday,that Mr. Downer can pick up their recycling,and how much recycling it will be.So if you would like to talk to Mr. Downer,it will have to be after six o'clock P.M.Here is our Tel-483-5618.The youth coucil, Fayetteville,Lion club,Jaycees,are all interest in saving their natural resources.

But thank you ever so much for what you have done to help our air.I sure hope we can turn our land fill in recycling.It will be less pollution,for the small of any body of water.

Sincerely

Theresa Downer

Theresa Downer

RECEIVED

OCT 20 1972

N. C. Dept. of Water & Air Resources
Raleigh, N. C.

WELCOME TO THE FORT BRAGG POST RECYCLING POINT!!

This facility is not only quite unique, it is a pilot program and another first for the installation. You probably know something about recycling or you wouldn't be here now; however, let's understand each other clearly. Recycling is actively trying to eliminate waste. It should be a habit, a life style, to attempt to conserve those natural resources which we, as individuals and as a nation, can ill afford to lose. Our facility is open from 1400 to 1900 on Wednesdays and 0900 to 1600 on Saturdays. These are the only days a cashier will be on hand to pay you for your materials. During these hours, you are encouraged to bring your recyclable items, properly separated (see Inclosure 1) at which time your material will be weighed and you will be paid per the marketable rate shown on your receipt. Also, you may bring in scrap metal, lumber, plastics and old car batteries. Though these items do not have a marketable value they do constitute a significant litter problem. We solicit your comments and suggestions for any improvements. Any changes in the Post Recycling Point schedule will be announced in the PARAGLIDE and other media. Thank you for your interest and support of this program.

CHECKLIST FOR RECYCLABLE MATERIALS

A. PAPER:	Newspaper Cardboard Magazines	Are the materials segregated by type? Is your paper dry?
B. GLASS:	Deposit	Are your deposit bottles separated from your other glass?
	Bulk	Do you have these bottles separated by color? Have you removed all caps and metal rings from your glass bottles?
C. METAL:	Tin (Food) Cans	Are your food cans flattened? Have the paper labels been removed?
	Bi-Metal (Beverage) Cans	Are these separate from the aluminum cans?
	Aluminum	Are the TV dinner trays, margarine tubs, etc., rinsed?

NOTE: Any of the above items on the checklist not accomplished will delay the efforts at the Post Recycling Point. Please help us do a more efficient job by aiding our efforts in making our community and installation more beautiful.

READ AND RECYCLE TO A FRIEND!

Cumberland
LHR

August 28, 1973

Mrs. Theresa Downer
Route 1, Box 204
Fayetteville, North Carolina 28301

Dear Mrs. Downer:

I appreciate your letter of August 5, 1973, including the newspaper clipping concerning a county wide solid waste collection system. It is my understanding that appropriate authorities in the county are now giving this type of program serious consideration and there should be information available to you on a local basis.

Very truly yours,

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

SHU:bm

cc: Mr. Terry F. Dover

County Must Act For Decent Trash Pickup

It is not clear at this stage exactly what the Cumberland County Health Department has in mind in the way of improved garbage and trash collection service in the densely populated urban area all around Fayetteville. It is encouraging to learn, however, that at least some county officials are still seriously concerned about the county government's big and menacing garbage and trash problem.

Late last month, the Health Department said it will present to the County Board of Commissioners a plan for door-to-door collection service "within a general 10-mile radius of the City of Fayetteville." Terming better garbage and trash service a "vital and very necessary step," the department said. "It is thought that in this vital planning stage that door-to-door collection could be rendered to each and every dwelling unit within this area to include other areas of 71st, Manchester and Carvers Creek townships where housing density warrants door-to-door collection."

The only collection service now available to people in the county is provided by two private firms granted monopoly operating rights by the County Board of Commissioners. These firms are allowed to charge a homeowner $48 a year for pick-ups and thus collect many hundreds of thousands of dollars from people in the county each year, although the uncertified quarterly audit reports they file suggest they aren't making much profit. But the Health Department's still not fully explained plan says: "It is assumed that with the increased amount of dwellings that would be picked up in the door-to-door collection areas that naturally the price would be much less than present. The price would be on a unit basis rather than ad valorem tax rate basis."

Thus the department's plan presumably sounds good to thousands of people in the county who have been paying a high price for garbage and trash collection service which is considered by the Health Department itself to be grossly inadequate to the total need. And if anyone doubts that the illegal and widespread strewing of garbage and trash about the county adds greatly to the county's severe pollution problem as well as its blight, all that individual has to do is take a drive around the county some afternoon and see for himself.

Whether the Health Department's new plan will recommend working out a new collection deal with one or both of the two franchised firms now operating in the county remains to be seen. It stands to reason that it could take that route and still achieve some improvement, the problem being as big as it is. But a real and lasting remedy for the county commissioners' big garbage and trash headache, a headache compounded by the strangulation of Fayetteville and hence its municipal services for too many years, almost certainly will require the county government to levy taxes and provide garbage and trash collection service itself throughout the county on the same basis as the City of Fayetteville now provides it. And the longer Fayetteville and its basic municipal services continue to be stymied behind totally unrealistic and grossly inequitable city boundaries, the quicker the county government is likely to have to take the garbage and trash service plunge.

Nilsson

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nga comes

You may think this is a mighty optimistic undertaking within the period of just a week, but the key to the whole program is the old reliable pebble thrown into calm water trick, whereby the ever-increasing circles of your interests broaden with everything you read. Which brings up one of the two national themes this year: "Widen Your World. . .Read."

The other theme is "Get Ahead. . .Read." One of my neighbors followed this plan literally several years ago when he installed a new bathroom and built in a bookcase and magazine rack, not to mention a telephone. Probably the less said about this the better, except that if you feel you've already gotten a considerable distance ahead in your life, you should keep in mind that two heads are better than one.

The children and young people in our elementary and high schools have done a fantastic job of interpreting the National Library Week themes in the bookmarks they have created for the countywide bookmark contest. Through the cooperation of the schools, hundreds of attractive and meaningful entries have been received by the Cumberland County Public Library.

The judges — Mrs. Monroe E. Evans, Mrs. Frank S. Shaw and Mrs. Alston G. Cain — have ably performed the very difficult task of selecting two outstanding entries from each of the twelve grade levels plus two entries from special education classes.

Your boys and girls will want to be present promptly at 2:30 this afternoon when the names of the winners are announced and the fine effort of each winner is recognized by the presentation of a silver dollar from the Friends of the Library.

Their bookmarks and all of the bookmarks received by the library will be on display throughout National Library Week. The Frances Brooks Stein Library is open Monday through Wednesday from 9 a.m. until 9 p.m. and Thursday through Saturday from 9 a.m. until 6 p.m.

"North Carolina Women and the Law" is a booklet recently published by the Commission on the Education and Employment of Women under the auspices of the Department of Art, Culture and History in Raleigh.

It contains quest
of employment, pay
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Aug. 5/73

Dear Mr. Usry,

I am writing this letter to you because I am enclosing a newspaper clipping, about the trash pick up.

There is alway all talk and nothing been done about it. And the date was way back too. And there is alway all plans which are developed but still nothing been done about it.

It just anger all of us who have to work twice as hard, to keep up the cleaning of trash. We can't be here forever, and something is got to be done while we are still here, because we are the one that is keeping these [illegible] rural area clean. But it now that the State Dept. Of Health, should be take up some legal action with the County Commissioners, now, because the rats have multiply. We have kill [illegible] many rats, which had been breed across the road, and there was a day that my son and I were taking a walk thru the wood to see how it look, and we lift cover of the trash, and a rats, jump by, and almost bite us. If only people [illegible] like the Health Dept. would enforce-ment the law on illigal dumping. Consider the law of N.C. is very weaked. Other States have strong law on enforcement. But what I'd like to know is that just when this plans, will be enforced? Just when can we be seeing the these become effect? All the talk and get to it is not doing any good, because it will not help any, to stop the illigal dumping. But Action must be done now, and not keeping these rural resident waiting. For this had been going on for a long time, and it time now, that the Health Dept. step in and put a stop to this dumping, in the once use to be beautiful wood. It time that every county have either dumpsters put out at once, or the trash pickup. We can have trash pickup but we live too far for the Sanita-tion Dept. to come by and pick up the trash. And the distance of the driveway to the road is about a mile, or maybe One-eight of a miles.

Thank you maybe then when you have read this letter, that you would help by take some action. But it got to be now that they have rural pickup or dumpsters. Such plans, is got to be put tp work now.

Sincerely
Theresa Downer
Theresa Downer
Rt. 1, Bx. 204
Fay. N.C. 28301

RECEIVED
AUG 7 1973
CITY WASTE-VECTOR CONTROL

Cumber

October 17, 1973

Mrs. Theresa Downer
Route 1, Box 204
Fayetteville, North Carolina 28301

Dear Mrs. Downer:

This is to acknowledge your letter of October 11, 1973, in regard to the placement of containers for the disposal of solid waste throughout the rural area of Cumberland County. I have just been informed that the appropriate authorities in this county are now in the process of considering the establishment of a complete collection service for the entire county.

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

Very truly yours,

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

SHU:bm
cc: Mr. Terry F. Dover

Oct. 11, 1973

Dea r Sir,

I a m writing this letter to you because I am very anger with the lack of interested in not having a dumpsters pla ced along the rural area. I a m just as concerned anyone else, a bout the environment. And it mean a lot to me if you would do something. we are going to move awa y, and will ever doubt be back this way. But I a m worry about the trash that still being illigal dump in this once used to be beautiful wood.

Other counties have a much better and clean a rea, but, Hope Mills, and cumberland county, is the dirty placed I have ever seen and live. Where we will be moving to, into the country they have trash pickup. It just beat me, the la ck of control on the people of N.C. who have no cares or pride in waking up and decided to do something about it. It just made me very anger, that no action been taking upon getting the dumpsters places in the rural a rea. In order to ha ve a clea n environment it is going to be pretty expensive, People that throw out tra sh, and people that dumping trash, will ha ve to pa id for their crime does not paid. I am a sha med of the state of N.C. because they don't know how to operates the trash system. I am still waiting very patient for your help. It now time that you have to learn how other sta tes opera tes their trash pickup. It is very costly in a long way it is much better for [redacted] people welfare. if nothing been done, then I have given up on the Dirties cumberland county, that they will ever survived their environment. There are more people tha t aware of the polluted of the environment, yet they ha ve taken step in seeing that there will keep their place clean. I ha ve been plague with rats and mice, it is sight a dreadful thing thing tha t the area, have so much trash, that no one give a darn about it. My only concern is that the people and the bird and the wildlife will not have a chance to live because their environment is contaminates by man.

Plea se take some Action if you cares!!!!

Sincerely

Theresa Downer
Rt. 11 Box. 204
Fay. N.C. 28301

RECEIVED
OCT 16 1973
SOLID WASTE-VECTOR CONTROL

Discussed with Mr Dover. Cumberland
He will contact.

Sept. 13, 1973

Dear Mr. Usry,

I am writing this letter to you because I'd like to know just why there is not anything done about having the dumpsters places in the rural area?

Is Cumberland County doom forever where there is no dumpsters, being places? We are going to move out of this state really soon. I am quite worry that this place here, will be cover with trash. We had just got rid of the rats population, because the people who use to dump across RD. have finally stop. Snakes have been seen taking cares of the rats too. It just that I am disappointment, in the resulted in not taking action in seeing that the dumpsters are place in the rural. It just that after we move, people will be going back and start dumping again. It too bad but solid wastes must go somewhere, but not in the once use to be beautiful wood. Our wildlife of N.C. have suffer much because of man.

I only hope that you will get in touch with the County Commissioners and get them to start placing the dumpsters in the much need rural area it is the law and it also Health Hazard, because of the disease carry rat If you don't get the county commissioners to get the dumpsters places. Soon the wood will be so full of trash, that the hunters will not be able to go in and hunts. The county commissioners is alway saying when they can get to it, if they can' plea se the people who have votes for them, then they shouldn't be working for the people, of Fay. N.C. People must cares for the environment, and it going to take a lot of worked, in keeping the wood clean, I have done it, and is was very hard to do so.

But my husband is retire from the army, we will be moving to Minn. and they have some strict law. I know there is more wildlife in Minn. Because hunting season is short. N.C. has long hunting sea son and that is why there is a fewer wildlife. It too bad, too. The songbird of N.C. are fewer beca use of the aircraft who is taking away their food supply.

But I am concerned what action can you do so that the new people and other neighbor community will have trash pickup, or dumpster? We have allready met the new people, who is going to move in, and we have teach them to cares, for this place. Even if it rent, cares for it just the same if they cares for it, then the wood, and field will alway be here. They have promised us that they understand and will keep the place up. The city people has life easy for them. While the people who live in the rural area had to live on farm, it is very hard worked.

So please mr. Usry, please help me by carry on in seeing that there will be a dumpsters, places along this area. And it will teach people to place their own trash in the dumpsters, instead litters the wood. I am giving up because of the moving, and I hope faithful that you will not let me down. Please keep up the fight to a clean environment. Please reply and let me know what action can you do, forthe people of cumberland county?

Sincerely
Theresa Downer

Theresa Downer
Rt. 1, Box. 204
Hay. N.C. 28301

All talk and taking no action in placing the dumpsters, is getting to a point where, I'd like to see them do something about it now. Please help me.

RECEIVED
SEP 14 1973
SOLID WASTE-VECTOR CONTROL

Cumberland

J+P

April 19, 1973

Mrs. Theresa Downer
Route 1, Box 204
Fayetteville, North Carolina 28301

Dear Mrs. Downer:

I appreciate your letter of April 17, 1973, regarding the continued dumping in the vicinity of your property. I feel that it will be the responsibility of local authorities to instigate the measures you recommended for controlling the indiscriminate dumping and I suggest that you contact the local solid waste management officials.

Very truly yours,

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

SHU:bm
cc: Mr. Terry F. Dover

APR 73

APR 73

April 17,1973

Hi Mr. Usry,

I am writing this letter to you because I am enclosing some snapshot of this beautiful wood it is cover by the illegal dumping.

The Dept. of Health put up some signs, but it help some but not much. I'd like to know if it would possible to close the road, by blocking it in the edge of the road, with huge piles of dirt. The property belong to a color man by the name of Alley Carter, and he passed away, and his children is the inheritance, the property. But they all live out of town, and the property serve no purposed to them.

There is too many road thru the wood, and there is a close door refrigerate, two of them that were illegal dumping by someone of the color family. If you should take a walk thru there, IN the wood, and see all the beautiful wood all cover with trash and no bird singing. There is a lot thing that started to make comeback, because of the clean up trash. And a lot of chameleon who is also being helpful in eating up the insects. And it is still ashamed that the people still drive thru the wood and dumping. It was a lot of hard worked, and it took two month, I go in there everyday, and pick up the recycling materials, and we make a profit of $35. And we do it every day, of clean up earth day. Some group of conservationists, would clean up maybe once a year.

So the only way we ever going to stop the people from illegal dumping, is to block the road, with huge piles of dirt. There is too many road thru the wood, and death end, and more trash. I have try to block the road, with some death tree branches. It help some. No matter who the land belong to, it should not be the place for the dumping. If we are more enforcement in placing dumpsters, in these local area, it would be less illegal dumping. Please give it a try.

Sincerely

Theresa Downer
Rt.1, Bx. 204
Fay. N.C. 28301.

RECEIVED
APR 18 1973
SOLID WASTE-VECTOR CONTROL

Cumberland

4 TC

July 30, 1973

Mr. Bill Maxwell
Maxwell Real Estate
Hope Mills Road
Fayetteville, North Carolina

Dear Mr. Maxwell:

As requested, the purpose of this letter is to inform you of observations made by Mr. Terry F. Dover and myself on property adjacent to Fields Borrow Pit on May 17, 1972. At that time, the property consisting of approximately 14 acres was viewed as a potential landfill site and it was the opinion then as well as at present that an applicant could proceed with the requirements of Section IX of the North Carolina Department of Human Resources "Rules and Regulations Providing Standards for Solid Waste Disposal" to obtain necessary site and operational approvals.

Mr. Dover is the regional contact man for discussing further developments on this site.

Yours truly,

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

JCP:bm
cc: Mr. Terry F. Dover

July 25, 1973

Mr. Robert M. Bennett
City Engineer
The City of Fayetteville
119 Bow Street
Fayetteville, North Carolina 28301

Dear Mr. Bennett:

The purpose of this letter is to transmit the Order of Approval and a complete set of the approved plans for the proposed sanitary landfill site off SR 2212 in Cumberland County and to cite the following conditions for approved operations:

1. Filing of the Order of Approval with the Cumberland County Register of Deeds Office. This action is required to be completed prior to commencement of disposal operations.

2. Operation of the site in compliance with the "Rules and Regulations Providing Standards for Solid Waste Disposal", Division of Health Services, North Carolina Department of Human Resources.

3. Separation of at least three feet between excavated areas receiving solid waste and the ground water table.

4. Providing of adequate equipment on-site at all times.

Yours truly,

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

JCP:bm
cc: Mr. Lacy Williams
Mr. Terry F. Dover

Proposed

SR-2212

Cedar Creek Quad.

OA

Cumberland
Lot

July 17, 1973

Mrs. Ann T. Lichtner
Outdoor Beautification Program
410 Oberlin Road
Raleigh, North Carolina 27605

Dear Mrs. Lichtner:

Your letter to Mr. Marshall Staton has been referred to this office for reply since solid waste disposal is the responsibility of this branch. The disposal of scrap and waste material from boats is of concern to us but at the present time this agency has no responsibility in the control of this type of litter. I feel it would be rather difficult to establish rules and regulations that could be effective in the control of litter from boats and the litter law that is now in effect does not provide such a method of control.

The disposal of solid waste into the ocean waters is under the control of an international organization that has certain areas of responsibility in order to prevent the disposal of large quantities of materials in our coastal waters. This control is primarily planned to prevent municipal governments from disposing of their solid waste by barging the material out into the ocean and dumping it without proper preparation.

I regret that we do not have authority in this field at the present time but I would agree that some consideration should be given to the matter that will be applicable not only to the coastal waters but the inland waters.

If I can provide 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

STATE OF NORTH CAROLINA

DEPARTMENT OF ADMINISTRATION

RALEIGH 27603

JAMES E. HOLSHOUSER, JR.
GOVERNOR

WILLIAM L. BONDURANT
SECRETARY

July 6, 1973

RECEIVED

JUL 11 1973

SANITARY ENGINEERING
DIVISION

Mr. Marshall Staton, Director
Sanitary Engineering Division
N. G. State Board of Health
Raleigh, North Carolina

Dear Mr. Staton:

On June 1 the Department of Transporation and the Outdoor Beautification Program in the Department of Administration initiated a new anti-litter campaign. It began by asking the citizenry of our State for their cooperation in making North Carolina a safer and more attractive place to live. Persons were asked to report by letter to the Outdoor Beautification Program the license number of any person seen violating the litter law (a copy of G.S. 14-399 is enclosed). These reports are referred to the appropriate Highway Patrol Troop Commander who writes the offender a personal letter to remind him of the state anti-litter law and to request his future cooperation in helping to keep North Carolina clean.

As a result of the campaign publicity we received the attached letter which concerns litter thrown from a boat on the Calabash River. In checking to see what agency had jurisdiction in this area, I was referred to your division for assistance.

I realize that since this boat appears to be licensed in South Carolina it may be beyond North Carolina's control, but I would like to learn about the procedure used in similar cases. Attached is a copy of the letter I have written Mr. Kirk to thank him for his interest and let him know how his report was handled.

I look forward to hearing from you.

Sincerely,

Ann Lichtner

(Mrs.) Ann T. Lichtner
Outdoor Beautification Program
410 Oberlin Road
Raleigh, North Carolina 27605

ATL:swh

enclosures

HELP KEEP NORTH CAROLINA CLEAN!

OBEY THE ANTI-LITTER LAW.

"It is unlawful for any person, firm, organization or private corporation, or for the governing body, agents, or employees of any municipal corporation, to place or leave or cause to be placed or left temporarily or permanently, any trash, refuse, garbage, scrapped automobile, scrapped truck or part thereof on the right-of-way of any State highway or public road where said highway or public road is outside of an incorporated town, unless such refuge, garbage, scrapped automobile, scrapped truck or part thereof is placed in a designated location or container for removal by a specific garbage or trash service collector....

A violation of this section is a misdemeanor punishable by a fine of not less than ten dollars ($10.00) or more than two hundred dollars ($200.00), imprisonment for not more than 30 days, or both."*

* From General Statute 14-399

Jack D. Kirk
Rt #1 Box 403
Fayetteville N.C. 28301

WRAL Television Station
Raliegh, North Carolina

Dear Sirs,

Sunday evening June 17th (yesterday) I was watching your programs and during a station break a young lady appeared in behalf of conservation and clean highways etc. I was unable to digest the address portion of her message in time to jot it down. Therfore I respectfully request your forwarding this information to her for her disposal.

While boating near Calabash N.C. I observed three men fishing in the Calabash river about one quarter mile from the intra costal waterway. Being a fisherman? myself I naturally take interest in other fishing activity. As I watched them I saw them throw two objects into the water. My own feelings of revulsion at all such acts as this were completely surpassed with suprise at their complete unconcern for my presence. I noted the number on their boat - SC 595 FW - I identified the two objects thrown - two RC Cola bottles (48 very bright blue in color and very easy to see at distance. I could not identify any of the men and though I cannot comprehend this I do

feel it was committed in complete ignorance. When I returned to Calabash, later, I noticed the same three men loading their boat on a trailer - South Carolina licence no. 13912 - Also at the dock there was one or two North Carolina or possibly South Carolina water policemen However my intentions were not to formally arrest or even threaten to arrest these fishermen for I feel these people need education rather than becoming embittered. There fore I was glad to hear of this service, the young lady mentioned, when we returned home last evening. Otherwise I would probably have dropped the matter entirely

If this incident helps just a little bit to improve the public awareness of the need for conservation practices, I will be most grateful to your station and this ladys sponsorship.

Very Sincerely

Jack D. Link

STATE OF NORTH CAROLINA

DEPARTMENT OF ADMINISTRATION

RALEIGH 27603

JAMES E. HOLSHOUSER, JR.
GOVERNOR

WILLIAM L. BONDURANT
SECRETARY

July 9, 1973

Mr. Jack D. Kirk
Route 1, Box 403
Fayetteville, North Carolina 28301

Dear Mr. Kirk:

Thank you so very much for taking time to report an incident of littering to us. Although the anti-litter law (General Statute 14-399) applies only to litter on public roads and highways outside the limits of an incorporated town there are other laws and regulations governing our recreational areas and waterways.

We are in the process of determining which laws and regulations apply in this case and which agency administers them in the location you described. We will certainly notify these litterers and ask them to assist other North Carolinians in keeping North Carolina clean and beautiful.

We are hopeful that this effort inititated jointly by the Department of Transportation and the Outdoor Beautification Program in the Department of Administration will help to alleviate the problem. Concerned citizens like you are the key to the program's success and we certainly appreciate your interest and support of this anti-litter effort.

Sincerely,

(Mrs.) Ann T. Lichtner
Outdoor Beautification Program
410 Oberlin Road
Raleigh, North Carolina 27605

ATL:swh

enclosure

THE CITY OF FAYETTEVILLE
NORTH CAROLINA

CHARTERED 1762

OFFICE OF CITY ENGINEER
119 Bow Street

PHONE (919) 483-3654
FAYETTEVILLE, N. C. 28301

RECEIVED
JUL 16 1973
SOLID WASTE-VECTOR CONTROL

July 12, 1973

North Carolina State Board of Health
Sanitary Engineering Department
Post Office Box 2091
Raleigh, North Carolina 27602

SUBJECT: Highway 87 Area Landfill, Pierces Mill Township, Cumberland County, North Carolina

Per your request, we are enclosing three copies each of the following:

Description of the landfill site as requested by Section 1, Numbered G.S. 130-166.21, dated may 10, 1973.

Plat showing the outlined area described above.

If you need anything further, please advise.

Frank J. Dallas
Project Engineer

emn

Enclosures

City Engineering Department July 12, 1973

BEGINNING at the control corner located on the northwestern corner of Russell Hall property adjoining Francis Ray Willis property, thence North 86 degrees 22 minutes East 934.51 feet; thence South 10 degrees 08 minutes East 1183.26 feet to an iron pipe; thence South 82 degrees 20 minutes West 920.63 feet to an iron pipe; thence North 10 degrees 34 minutes West 1249.46 feet to the northwestern control corner of the tract of land described in Deed Book 865, Page 417, Cumberland County Registry. Total acreage being 25.6 in the northwestern tract of Russell Hall property.

RECEIVED
JUL 16 1973
SOLID WASTE-VECTOR CONTROL

THE CITY OF FAYETTEVILLE
NORTH CAROLINA
CHARTERED 1762

OFFICE OF CITY ENGINEER
119 Bow Street

PHONE (919) 483-3654
FAYETTEVILLE, N. C. 28301

July 12, 1973

COPY

North Carolina State Board of Health
Sanitary Engineering Department
Post Office Box 2091
Raleigh, North Carolina 27602

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JUL 16 1973
SOLID WASTE-VECTOR CONTROL

City Engineering Department July 12, 1973

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City Engineering Department July 12, 1973

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(209)

N. C. STATE BOARD OF HEALTH
CHECK-OFF SHEET FOR PROPOSED SANITARY LANDFILL SITES

COUNTY Cumberland LOCATION NC. 87 South ACRES 18.64

PROPERTY OWNER Russell Hall PROPOSED OPERATOR City of Fayetteville

1. Is this site within the boundaries of a public water supply watershed? Watershed _____ (OK) YES _____ NO ✓
2. Does any portion of this site contain floodplain areas? YES _____ NO ✓
3. Are there public or private wells nearby that could be affected? YES _____ NO ✓
   Nearest well in feet _____ (Elaborate in Comments Section)
4. Are there springs present on the site? Number _____ YES _____ NO ✓
5. Will this site require dyking? YES ✓ NO _____
6. Will this site require piping of surface drainage? YES _____ NO ✓
7. Not precluding required boring information, does this site have adequate cover material for the sanitary landfill development? YES ✓ NO _____
8. Will this site require diversion of surface water? YES ✓ NO _____
   Receiving stream for surface drainage from site Cape Fear River
9. Will this site require extensive preparation, such as clearing? YES _____ NO ✓
   (Elaborate in Comments Section)
10. Will this site require a new all-weather access road? YES ✓ NO _____
    (Elaborate in Comments Section)
11. Evaluate the following:

	POOR	GOOD	EXCELLENT
A. Surface soil conditions as related to cover requirements	_____	_____	✓
B. Location as related to population density	_____	✓	_____
C. Accessibility to users	_____	✓	_____

12. Based on the observations made above and otherwise, do you recommend that the requestor proceed with the requirements of Section IX of the North Carolina State Board of Health "Rules and Regulations Providing Standards for Solid Waste Disposal"? YES ✓ NO _____
13. COMMENTS: (Include any requirements noted by you for the sanitary landfill development and operation) I suggested that three more borings be made on the upper elevations of the property along line AA of the topographic map. This would insure the amount of cover material and be a safeguard against water table
14. Number of borings recommended for a representative sampling of the site 7
15. Percent of usable land 100%. Include sketch of site on back of this form.

May 31, 1973
(DATE)

Terry F. Dorn
N. C. State Board of Health
District Sanitarian for Solid Waste
or
Sanitary Engineer

SBH FORM 1350 (1/72)
Sanitary Engineering

note: I did not draw a plot plan as this information has been received.

Cumberland
107

STATE BOARD OF HEALTH
SANITARY ENGINEERING DIVISION
RALEIGH, NORTH CAROLINA

REPORT OF INVESTIGATION OR INSPECTION OF illegal dumping

Place visited Cape Fear River at Milan Railroad Yard **Date** April 6, **19** 73

Address Fayetteville, NC **Time spent** 2 hours

By whom Terry F. Dover, District Sanitarian, Solid Waste and Vector Control Section, Sanitary Engineering Division, State Board of Health

Persons contacted Mr. James R. Starling and son
(Owner, agent, tenant, manager, other)

Reason for visit Pollution Help Line Call No. 1105

Copies to: Mr. Sidney Usry, Chief, Solid Waste and Vector Control Section, Sanitary Engineering Division, State Board of Health, Raleigh
Mr. Lacy Williams, Jr., Director of Environmental Health, Cumberland County Health Department, Fayetteville
Mr. W. S. White, 1337 Hill Street, Rocky Mount, NC 27801

REPORT:

On April 6, 1973, Mr. Joe Gladden of the Cumberland County Health Department and I investigated Pollution Help Line Report #1105. The complaint was concerning illegal dumping of waste on the bank of the Cape Fear River near the Milan railroad yard, Fayetteville, North Carolina.

Upon visiting the area it was found that someone had dumped a large amount of office supplies in the form of purchase orders, advertising brochures, etc., over the river bank. Information printed on the supplies referred to Purchasing Service, Inc., an automobile purchasing agency in Fayetteville.

Mr. James R. Starling, owner of Purchasing Service, Inc., was contacted. Mr. Starling stated that he remembered the waste as it was unused portions of supplies which were left over when the company moved from their Green Street location to their present location on Raleigh Road. Mr. Starling further stated that his son was given the responsibility of taking the material to a landfill. Mr. Starling's son was contacted and he admitted dumping the waste at the river. He was informed that this was in violation of the law and promised to pick up and dispose of said waste in a sanitary landfill as soon as possible.

Cumberland

DHR

March 13, 1973

Mr. George A. Arno
Route 1, Box 80
Linden, North Carolina 28356

Dear Mr. Arno:

I am enclosing a copy of the North Carolina State Board of Health "Rules and Regulations Providing Standards for Solid Waste Disposal.

I am sending a copy of this letter to Mr. Terry F. Dover, District Sanitarian, requesting that he contact you and discuss the problem of the disposal of demolition wastes.

Very truly yours,

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

SHU:bm
Enclosure
cc: Mr. Terry F. Dover

MAR 9 1973

Route 1, Box 80
Linden, N. C. 28356
March 7, 1973

Mr. Sid Usry
North Carolina Health Department
Raleigh, North Carolina

Dear Mr. Usry:

I am interested in obtaining information on private disposal of land clearing, construction and demolition waste. I would like a copy of rules or regulations and any suggestions you might have.

I have contacted the local Health Department and requested their information. To date, I have received nothing other than the impression that there is some sort of monopoly on this type of disposal. The local landfills are extremely inconvenient, inadequate and inconsiderate.

Sincerely,

George A. Arno

GAA:ja

Cumberland

Lib

February 1, 1973

Mr. Pete Galyean
120 Mobile Lane
Fayetteville, North Carolina

Dear Mr. Galyean:

I do not have pamphlets that deal with the problem of recycling but I am attaching a copy of a paper that has been prepared regarding the status of the recycling of solid waste.

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

Very truly yours,

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

SHU:bm
Attachment

Recycling Solid Waste

In order that the reader may have a clear comprehension of the subject of recycling of solid waste, it is necessary that he understand what is involved. The concept of recycling or taking an old appliance or newspaper, breaking it down into its basic components and manufacturing a new product, is impressive and scientifically possible, but is fraught with road blocks.

Solid waste or refuse is presently categorized into garbage, rubbish and ashes discarded by the householder or from community activities, and solid waste materials resulting from industrial, commercial and agricultural operations, but does not include solids or dissolved materials in domestic sewage or water.

Garbage is that portion of solid waste which is rapidly broken down by bacterial action, produces noxious odors, and is said to be putrescible. It is composed of wastes primarily resulting from the handling, preparation, cooking and consumption of food, but may also include the carcasses of dead animals. Garbage cannot be recycled but it can be composted and rendered innocuous and used as a soil builder or fill material.

Most of the salvageable materials are in rubbish and include newspaper and cardboard, metal appliances and scrap metals, glass, cans, cloth and plastics. These basic categories, when separated into homogeneous portions can be used as raw material by industry. In fact, a great deal of recycling is being practiced at the present time, but primarily with waste or scrap from industry. This is because a relatively homogenious product is available in quantity and little hand sorting is involved. It is reliably estimated that in the United States a quarter of a million tons of aluminum, 25 percent of the annual consumption, comes from recycled aluminum. Approximately 20 percent of the paper products are from recycled paper, and another 25 percent

of the paper products come from salvaged wood-by-products of the lumbering industry. In 1969 approximately 55 percent of the new steel produced came from scrap steel and about one-half of the manufactured copper and lead products were made from recycled metals.

The basic elements of most of our manufactured products ultimately become rubbish and from the points of view of both the conservationist and the solid wastes disposal agency, the more materials that can be recycled the better satisfied they are. Economics, however, enters into the picture when considering the separation of the basic elements of household refuse. Municipal refuse in the United States consists of from 42 to 57 percent paper; from 1.5 to 8 percent metal; from 2 to 15 percent glass, from 0.6 to 2 percent rags; from 5 to 19 percent ashes and only a small proportion of putricible material. These percentages can be stated in a different manner in that it is estimated that 80 billion cans, 38 billion bottles, 40 million tons of paper and cartons, 180 million old tires, 21 million worn-out household appliances, and seven million junked automobiles end up as solid waste in the United States each year. Ferrous metals can be separated from this conglomerate mass by mechanical means but all other separation must be done, at the present time, with hand labor. Further technological developments must be made before it becomes possible for a community to economically separate and clean the components of solid waste so that they would be accepted by industry.

Currently solid waste disposal is figured to be costing the United States tax payer approximately $4.5 billion annually. Ironically, 85 percent of municipal garbage is still being placed on open dumps while an additional eight percent of this material is being burned in the old style incinerator that pollutes the air with noxious smoke, gases and fly ash. To correct this condition and meet the standards set by EPA, the capital outlay for solid waste disposal will have to be increased to approximately $10 billion.

Many road-blocks stand in the way of recycling; not the least of these being public opinion. Citizens of the United States generally shun products that are made from previously used (second hand) materials, even if reconstituted and proven to be as serviceable as that product made from virgin material. The Federal Government has inadvertently worked against recycling by giving producers of virgin materials depletion allowances, capital gains, and other tax advantages not accorded to salvagers of the same products. Lower freight rates enjoyed by shippers of virgin materials reduces the incentive to collect scrap material. It costs an average of $4.12 to ship a ton of steel scrap as compared to $1.64 a ton for raw iron ore. When public opinion and governmental agencies make it economically feasible for industry to use more reclaimed material, industry will invest in processes for utilizing more scrap. At present, the uncertainty of supply and demand prevents the investment of the large sums of money necessary to sort municipally generated solid waste.

Jan. 23, 1973

Sidney H. Vrsy
Sanitary Engineering Div.
State Board of Health
Raleigh N. C. 27602

RECEIVED
JAN 30 1973
SANITARY ENGINEERING
DIVISION

Dear Sir,

I would like to know if you have any information about the recycling of used products. In the form of pamplets and sort, I will ~~x~~ cover all costs.

Sincerly,
Pete Halyean

Pete Halyean
120 Mobile Lane
Fayetteville N.C.

Cumberland 502

March 26, 1973

Mr. Terry F. Dover
District Sanitarian
Southeastern Regional Office
203 Grace Pittman Building
Fayetteville, North Carolina 28301

Re: Pollution Help Line Report No. 1105

Dear Mr. Dover:

I am attaching a copy of the above report concerning the disposal of solid waste near the river bridge, Cape Fear River. I would appreciate your investigating and making recommendations for the alleviation of the problem.

Very truly yours,

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

SNU:bm
cc: Mr. W. S. White
Mrs. Jackie Hall

March 21, 1973

MAR 23 1973

Memo To: Mr. Sidney H. Usry, Chief
Solid Waste & Vector Control Section
State Board of Health

From: Jackie Wall

Subject: Pollution Help Line Report No. 1105

Reference is made to your memo, dated March 15, 1973, in which you requested additional information relative to location of area in question in subject report.

I telephoned Mr. White today and he advised that the area could be reached by traveling north out of Fayetteville toward the Veterans' Hospital. One block before reaching the Seaboard Coastline Railroad underpass, turn right and travel about two blocks and turn left to Milan Yard.

JW

IN REPLYING REFER TO: NO. 1105

POLLUTION HELP LINE REPORT

DEPARTMENT OF NATURAL AND ECONOMIC RESOURCES

DATE March 9, 1973

TIME _____ AM PM

NAME OF CALLER: Mr. W. S. White

ADDRESS: 1337 Hill Street
Street P.O. Box

Rocky Mount, N.C. 27801
City Zip

TELEPHONE NUMBER: 446-4553

POINT OF POLLUTION:

SOURCE OF POLLUTION:

NATURE OF CALL: Mr. White works with the Seaboard Coastline Railroad Company and reports the following:

1. At railroad trestle near Milan yard (north end yard) someone is dumping large loads of paper, trash etc., near the river bridge on Cape Fear River.

2. The railroad is burning cross ties South of Dunn.

3. The trash dumping in Kenly (burning) constantly on the Northeast side of town.

REPORT REFERRED TO: Air Quality Div., Water & Air Resources (#243); Sanitary Engr., State Board of Health (#1)

IMMEDIATE ACTION TAKEN:

RECEIVED
MAR 13 1973
SANITARY ENGINEERING DIVISION

SIGNED Jackie Hall

E. Cumberland
LOR

January 26, 1973

Lacy Williams, Jr., R.S.
Director of Environmental Health
Box 470
Fayetteville, North Carolina 28302

Dear Mr. Williams:

I have discussed your request of January 24, 1973, with Mr. O. W. Strickland, Program Chief, Solid Waste Management Program. We will be glad to assist you in an evaluation of the Cumberland County program and prepare recommendations regarding the expansion of the program to serve the entire county. Due to previous commitments, this survey and evaluation will not be completed under sixty days.

I am sending Mr. Terry F. Dover a copy of this letter requesting that he visit your office and discuss the method and attempt to establish a time for making this evaluation.

If I can provide you additional assistance, 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. Terry F. Dover

Health Department

County of Cumberland

Fayetteville, N. C. 28302

January 24, 1973

RECEIVED

JAN

SANITARY ENGINEERING
DIVISION

Mr. Sidney H. Usry, Chief
Solid Waste and Vector Control Section
Department of Natural and Economic Resources
Post Office Box 2091
Raleigh, North Carolina

Dear Mr. Usry:

Reference is made to our telephone conversation as of Monday, January 22, 1973, requesting a new evaluation of our solid waste program here in Cumberland County proper at your very earliest convenience.

As discussed with you during our conversation, if at all possible, it is my feeling that door-to-door collection, especially in our more densely populous areas, is the answer and utilizing containers in our rural areas whereas we have a more stabilized population.

I met with our Board of County Commissioners on January 15, 1973, and they requested that I bring back to them an upgraded plan regarding solid waste collection and disposal here in Cumberland County.

The idea of consolidation of all landfill activities within Cumberland County has also been brought up and discussed. I would like to further discuss this with you on January 25; however, as explained to you on the telephone yesterday, I would like to get my name "in the pot" whereas we can start the ball rolling as quickly as possible regarding some major changes in solid waste management in Cumberland County, North Carolina, proper.

Your cooperation, as always, is greatly appreciated.

Very truly yours,

Lacy Williams, Jr.

Lacy Williams, Jr., R. S.
Director of Environmental Health

LWJr:jbr
Dictated January 23, 1973

Cumberland
Lon

L
Pl send pcop to Mr Sid Usry
San Engr Div - NCSB & H.
TTA
Harry

RECEIVED
JAN 16 1973
WATER QUALITY DIV.

January 15, 1973

RECEIVED
JAN 2[illegible] 197[illegible]
SANITARY ENGINEERING
DIVISION

Mr. L. P. Mathews
Procurement Office
Pope Air Force Base, North Carolina

Dear Mr. Mathews:

This is to confirm our telephone conversation of January 12, 1973, in reference to industrial waste (grease and grease by-products) being transported from Pope Air Force Base by Mr. Belton Jones of Belton's Septic Tank Service to his sewage sludge site directly behind Cumberland International Raceway.

Mr. Jones has a permit from the Cumberland County Health Department to pump and transport sludge from septic tanks in Cumberland County. However, the materials being transported from Pope Air Force Base by Mr. Jones is considered waste other than the above and therefore comes under the jurisdiction of the North Carolina Department of Natural and Economic Resources, Department of Air and Water, Raleigh, North Carolina.

If this department can be of further assistance to you please feel free to contact this department.

Sincerely,

Oscar M. Kennedy

Oscar M. Kennedy
Sanitarian Supervisor

OMK:jah
cc: T. F. Armstrong
Belton Jones

THE CITY OF FAYETTEVILLE
NORTH CAROLINA

CHARTERED 1762

CITY MANAGER

FAYETTEVILLE, N. C. 28301

October 23, 1972

Mr. Jerry C. Perkins, Deputy Chief
Solid Waste and Vector Control Section
Sanitary Engineering Division
Department of Human Resources
State Board of Health
P. O. Box 2091
Raleigh, North Carolina 27602

RE: Your letter dated October 13, 1972

Dear Mr. Perkins:

I am forwarding a copy of the above reference to Mr. Jimmy Jones, Superintendent of Sanitation and Mr. Robert Bennett, City Engineer, and am requesting that they submit operating plans for the rubbish disposal site located near the municipal airport.

The Engineering Department will prepare topographic survey information and together with Mr. Jones, will submit an operating plan to your department as soon as this information can be acquired.

Sincerely,

J. Guy Smith
City Manager

JGS/pah

RECEIVED
OCT
SANITARY ENGINEERING
DIVISION

Cumberland

JHR

Solid Waste Management Branch

June 30, 1972

RECEIVED

JUL 5 1972

SANITARY ENGINEERING
DIVISION

Mr. August Jakubiec, Treasurer
Horace Kephart Sierra Club
5056 Chesapeake Road
Fayetteville, North Carolina 28301

Dear Mr. Jakubiec:

Your letter of June 21, 1972 to Mr. Jack E. Ravan, Regional Administrator, requesting information on Federal Grants for solid waste management programs and on suggestions for recycling programs has been referred to me for reply.

For your information, the Office of Solid Waste Management Programs is now operating its Demonstration Grant Program on a solicited basis for new demonstration projects. Further, our recently developed program plans will be used as the basis for soliciting those types of proposals that are consistent with these plans.

I am enclosing information of two of these recently solicited programs: (1) Resource Recovery Systems, advertised in the Commerce Business Daily of March 24, 1972; and (2) Demonstration Grants to improve local-regional solid waste management systems, advertised in the Commerce Business Daily of April 25, 1972. Please note that the receipt date for the preapplications was May 8, 1972 and June 1, 1972, respectively. Further solicitations will be made around November to December of this year.

I have also enclosed several documents pertaining to recycling. The information contains locations for recycling aluminum cans and glass containers, locations of shredders that accept scrap iron and steel and locations of dealers that accept waste paper.

A copy of your letter and our response will be forwarded to:

Mr. Sidney H. Usry, Chief
Solid Waste and Vector Control Section
Division of Sanitary Engineering
North Carolina State Board of Health
P.O. Box 2091
Raleigh, North Carolina 27602

May we suggest that you contact Mr. Usry for additional information on the potentials of recycling in your area.

The enclosed List of Available Literature, may contain additional publications which would be helpful to you. Single copies may be ordered from our Cincinnati Publications Office (see Reader Inquiry Card, page 33).

If we can be of further assistance, please feel free to contact us.

Sincerely,

RONALD L. ELLIS, Acting Chief
Solid Waste Abatement Section

Enclosures
as

cc: Mr. Sidney Usry

DEPARTMENT OF THE ARMY
HEADQUARTERS, 1st PSYCHOLOGICAL OPERATIONS BATTALION
FORT BRAGG, NORTH CAROLINA 28307

Mr. Jack E. Ravan,
Regional Administrator
Environmental Protection Agency
Suite 300
1421 Peachtree Street
Atlanta, Ga 30309

June 21, 1972

Dear Sir:

Would you please mail me any information you might have as to what State or Federal funds are available for solid waste programs. We are just beginning a solid waste program here at Fort Bragg and we would like to go into it on a larger scale including our nearby city of Fayetteville, North Carolina.

And as a Executive Committee Member of our local Sierra Club I would also appreciate any information you might be able to send me on suggestions for further developing our recycling programs.

Any information you can send me would be more than very greatly appreciated.

Thank You Very Much for your courtesy and cooperation in this matter.

Ron Ellis
Take care of this

August Jakubiec
Treasurer
Horace Kephart Sierra Club
5056 Chesapeake Road
Fayetteville, NC 28301

RECEIVED
REGION IV
JUN 23 11 05 AM '72
ENVIRONMENTAL
PROTECTION AGENCY

June 1, 1972

Lacy Williams, Jr., R.S.
Director of Environmental Health
Cumberland County Health Department
Box 470
Fayetteville, North Carolina 28302

Dear Mr. Williams:

Due to previous commitments by the members of my staff, I am unable to give you a definite time that a representative can inspect the proposed landfill property of Mr. Bill Maxwell. I will notify you as soon as arrangements can be made for someone to visit the area regarding this matter.

Very truly yours,

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

SHU:bm

Health Department
County of Cumberland
Fayetteville, North Carolina 28302

May 26, 1972

RECEIVED

SANITARY ENGINEERING
DIVISION

Mr. Sidney H. Usry, Chief
Solid Waste & Vector Control Section
Sanitary Engineering Division
North Carolina State Board of Health
Raleigh, North Carolina

Dear Mr. Usry:

Mr. Bill Maxwell of Louis Sanitation Service, Inc. called me this p. m. and requested that I write you regarding a proposed landfill site on property owned by Mr. Maxwell. He would like to have a representative of your division visit Cumberland County and inspect this area for the above proposed purpose at your very earliest opportunity.

Your cooperation, as always, is greatly appreciated.

Very truly yours,

Lacy Williams, Jr.

Lacy Williams, Jr., R. S.
Director of Environmental Health

LWJr:jbr

Cumberland

Solid Waste Management Branch

May 12, 1972

RECEIVED

MAY 15 1972

SANITARY ENGINEERING DIVISION

Captain Michael T. McGee
286 Channing Drive
Fayetteville, N. C. 28303

Dear Captain McGee:

Enclosed are several documents pertaining to solid waste and recycling. The information contains locations for recycling aluminum cans and glass containers and locations of shredders that accept scrap iron and steel. I will be receiving information in a couple of weeks on dealers that accept scrap metal and waste paper, at which time a copy will be forwarded to you.

Our office is pleased to learn of your interest and desire for a total solid waste recycling program for Fort Bragg. However, markets do not presently exist in most locations to make a total solid waste recycling program economically feasible. If this is the case, we recommend recycling of solid waste where a market exists for the reclaimed material along with a State and Federal approved disposal method for the solid waste which does not presently have a market.

Our office can not afford to request that a company should improve their arrangements for accepting and transporting waste materials for communities interested in recycling, when most companies already are losing money by recycling waste materials versus using virgin materials.

For additional information on communities in your area that presently has recycling programs, I suggest that you contact:

Mr. Sidney H. Usry, Chief
Solid Waste and Vector Control Section
Division of Sanitary Engineering
North Carolina State Board of Health
P.O. Box 2091
Raleigh, North Carolina 27602

As I mentioned via telephone, the Solid Waste Management Branch, Division of Categorical Programs of the Environmental Protection Agency can provide technical assistance, at the Federal agency's written request, in the evaluation of current solid waste management practices and recommendation of alternative methods that meet State rules and regulations and recommended Federal guidelines.

As requested, your name has been added to OSWMP's distribution list for any new publication on recycling. The enclosed, List of Available Literature, may contain additional publications which would be helpful to you. Single copies may be ordered from our Cincinnati Publications Office (see Reader Inquiry Card, page 33).

If this office can be of further assistance, please do not hesitate to contact us (404/526-3016).

Sincerely,

/s/

RONALD L. ELLIS, Acting Chief
Solid Waste Abatement Section

Enclosures (18)

1. Questions and Answers About the Reclamation and Recycling of Glass Containers
2. Questions and Answers About Aluminum Can Recycling
3. The Theory of Public Recycling Centers
4. Bulletin of Courses July 71 - Dec 72
5. Economic Realities of Reclaiming Natural Resources in Solid Waste
6. Solid Waste - A Natural Resource?
7. Air Classification for Reclamation of Solid Wastes
8. St. Louis Power Plant to Burn City Refuse
9. Separation of Glass from Municipal Refuse
10. Resource Recovery--A New Solid Waste Management Philosophy and Technology
11. Lists of Manufacturers of Solid Waste Management Equipment
12. Recovery and Utilization of Municipal Solid Waste
13. Toward a New Environmental Ethic
14. An Interim Report
15. Recommended Standards for Sanitary Landfill Design,...
16. Closing Open Dumps
17. Solid Waste Processing
18. A List of Available Literature - Jan 72

cc: Mr. Arthur G. Linton
Mr. Sidney H. Usry

Cumberland

NORTH CAROLINA
STATE BOARD OF HEALTH
REGIONAL OFFICE
GREENVILLE

RECEIVED
APR 12 1972
SANITARY ENGINEERING
DIVISION

Usry

April 11, 1972

Mr. J. W. Jones, Superintendent
Sanitation and Street Department
234 Green Street
Fayetteville, North Carolina 28301

RE: Jasper Street Area
Proposed Sanitary Landfill

Dear Mr. Jones:

This is in reference to the proposed sanitary landfill site located in the Jasper Street Area we inspected on April 6, 1972.

I believe as I stated to you that the close proximity of homes to this site will cause some problems. In other areas of the State there has been much adverse publicity on sanitary landfills, particularly when they are located near where people live. Unfortunately, most people still associate a sanitary landfill with an open dump.

I recommend that you do not use this site as a sanitary landfill, however, if you feel it is in the best interest of the City of Fayetteville to use this site you may send in the information required in the "Rules and Regulations Providing Standards for Solid Waste Disposal" for our consideration.

If I can be of any further help in this matter, please let me know.

Sincerely yours,

Fred J. Wood, District Sanitarian
Solid Waste and Vector Control Section
Sanitary Engineering Division

FJW:ba

cc: Mr. Lacy Williams
Mr. S. H. Usry

N. C. STATE BOARD OF HEALTH
CHECK-OFF SHEET FOR PROPOSED SANITARY LANDFILL SITES

COUNTY Cumberland LOCATION Fayetteville (Jasper St Area) ACRES 14

PROPERTY OWNER Don Jessup PROPOSED OPERATOR Fayetteville

1. Is this site within the boundaries of a public water supply watershed? Watershed _____ YES _____ NO ✓

2. Does any portion of this site contain floodplain areas? YES ✓ NO _____

3. Are there public or private wells nearby that could be affected? YES _____ NO ✓
Nearest well in feet _____ (Elaborate in Comments Section)

4. Are there springs present on the site? Number ? YES ✓ NO _____

5. Will this site require dyking? YES ✓ NO _____

6. Will this site require piping of surface drainage? YES _____ NO ✓?

7. Not precluding required boring information, does this site have adequate cover material for the sanitary landfill development? YES ✓ NO _____

8. Will this site require diversion of surface water? YES ✓ NO _____
Receiving stream for surface drainage from site _____

9. Will this site require extensive preparation, such as clearing? YES _____ NO ✓
(Elaborate in Comments Section)

10. Will this site require a new all-weather access road? YES _____ NO ✓
(Elaborate in Comments Section)

11. Evaluate the following:

	POOR	GOOD	EXCELLENT
A. Surface soil conditions as related to cover requirements.	_____	✓	_____
B. Location as related to population density	_____	✓	_____
C. Accessibility to users	_____	✓	_____

12. Based on the observations made above and otherwise, do you recommend that the requestor proceed with the requirements of Section IX of the North Carolina State Board of Health "Rules and Regulations Providing Standards for Solid Waste Disposal"?
YES _____ NO ✓

13. COMMENTS: (Include any requirements noted by you for the sanitary landfill development and operation) This site is adjacent to a Sub-Division and I believe will cause some problems. There is also a storm sewer running through the property.

14. Number of borings recommended for a representative sampling of the site _____

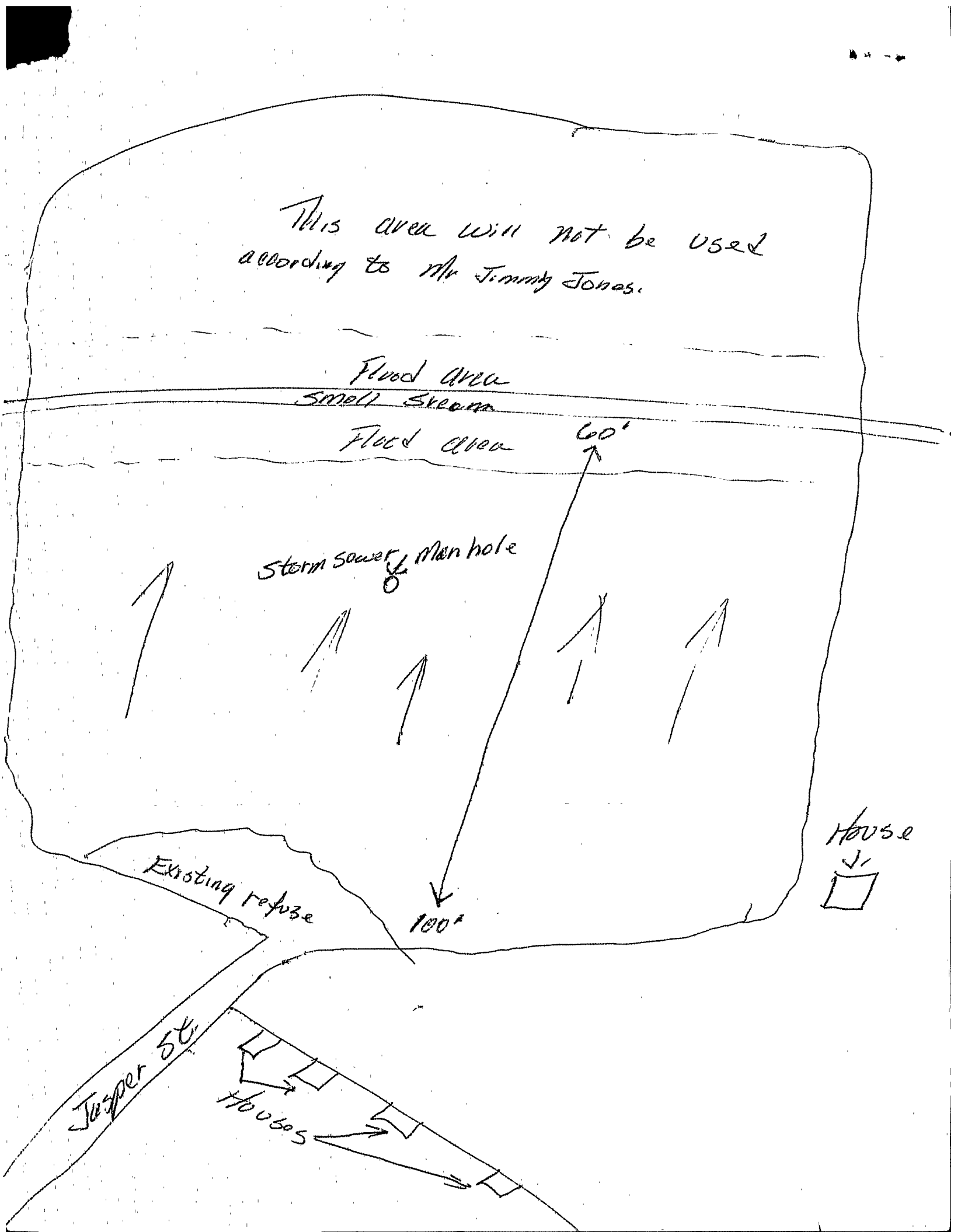
15. Percent of usable land 50%. Include sketch of site on back of this form.

April 6 1972
(DATE)

Fred D. Wood
N. C. State Board of Health
District Sanitarian for Solid Waste
or
Sanitary Engineer

SBH FORM 1350 (1/72)
Sanitary Engineering

RECEIVED
APR 25 1972
SANITARY ENGINEERING
DIVISION


This area will not be used according to Mr Jimmy Jones.
Flood area
Small Stream
Flood area
60'
Storm sewer & Man hole
House
Existing refuse
100'
Jasper St.
Houses

Cumberland Co

RECEIVED
MAR 28 1972
SANITARY ENGINEERING
DIVISION

March 27, 1972

Mr. E. D. Tyndall
Route 1
Garland, North Carolina

Dear Mr. Tyndall:

I am writing you in reply to Mr. Sidney H. Usry, Chief, Solid Waste & Vector Control Section, Sanitary Engineering Division, North Carolina State Board of Health, Raleigh, North Carolina, letter to you dated March 23, 1972, regarding the fee system that has been set up for disposal of solid waste in this county.

At this point I do not know what your complaint was to Mr. Usry, but I am enclosing for your information, a copy of this county's franchise system in which said rates are spelled out. I hope this clears up what you had in mind regarding the fee system that Mr. Usry mentioned in his letter to you.

Very truly yours,

L. Williams, Jr.

Lacy Williams, Jr., R. S.
Director of Environmental Health

LWJr:jbr
Enclosure
cc: Mr. Sidney H. Usry

Cumberland

March 23, 1972

Mr. E. D. Tyndall
Route 1
Garland, North Carolina 28441

Dear Mr. Tyndall:

In reply to your letter of March 20, 1972, I suggest that you contact Mr. Lacy Williams, R.S., Cumberland County Health Department, 515 Person Street, Fayetteville, North Carolina, regarding the fee system that has been developed for solid waste disposal in that county. I have no jurisdiction in this matter since each county develops its own program for financing adequate solid waste disposal facilities.

Very truly yours,

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

SHU:bm
cc: Mr. Lacy Williams, R.S.

3-20-1972

Dear Sir
I would like to get some information from you.
I am trying to clean up a site to build a house. People say you are not suposed to burn brush or trash. so I took some trash and limbs and brush to a land fill in Cumberland County Saturday near where I plan to build the house. the attendent there told me I would have to pay him one dollar for each time I take brush or limbs to the land fill. I live in Sampson County now. and nobody has to pay to unload trash or any thing here. does the man have the right to charge for it in Cumberland County or not. please answer soon and let me know if he is suposed to charge or not

I took the load back where it came from

yours truly
E. D. Tyndall

- Cumberland

3 4 2

March 21, 1972

Mr. H. C. McLean
Route 7, Box 120
Fayetteville, North Carolina

Dear Mr. McLean:

Enclosed, please find a copy of my report concerning an investigation made in response to your letter to the Attorney General.

I am sorry that you were not at home when this survey was made.

Sincerely,

D. F. Ashton, Entomologist
Solid Waste & Vector Control Section
Sanitary Engineering Division

DFA:jp

Enclosure

STATE BOARD OF HEALTH
SANITARY ENGINEERING DIVISION
RALEIGH, NORTH CAROLINA

REPORT OF INVESTIGATION OR INSPECTION OF Becker Sand & Gravel Pits

Place visited Becker Sand and Gravel Mining Co. Date March 20, 1972

Address Fayetteville operation. Home office - 848 Cheraw, S.C. 29520 Time spent 3 hours

By whom D.F. Ashton, State Board of Health; Joe P. Gladden, Cumberland Co. Health Dept.

Persons contacted Mr. B. F. Dean, Company Supervisor of operations
(Owner, agent, tenant, manager, other)

Reason for visit Letter of complaint from Mr. H. C. McLean, Rt. 7, Box 120, Fayetteville, N.C.

Copies to: Mr. H. C. McLean
Becker Sand and Gravel Company
Mr. Lacey Williams, Cumberland County Health Department

REPORT: A letter was received by Attorney General, Robert Morgan, from Mr. H. C. McLean, R.F.D. 7, Box 120, Fayetteville, N. C. on March 3 and a reply to Mr. McLean was dated March 9; copies of correspondence and the complaint were forwarded to this office.

An inspection of this property was made by D. F. Ashton on March 20, 1972 accompanied by Mr. Joe P. Gladden, Sanitarian, Cumberland County Health Department.

Survey:

The Becker Sand and and Gravel Company with home offices in Cheraw, South Carolina, has been excavating sand and gravel from the present general location and across the Cape Fear River for many years. Most of the older workings are covered with a thick growth of pine trees while recent excavations have been planted with pine seedlings. There were no provisions made for drainage of the older excavations so that between the ridges of spoil are trapped pools of water. A recently completed area bordering the Syccamore Dairy Farm is channeled so that the water can drain into Rock Fish Creek. Two areas, not connected and with no outlets, near the present operation contain trapped water. One of these trapped water areas is furnighing water for the present operation. The other area is being used as a disposal site by the county for the disposition of rejected tires from a local manufacturing plant. These tires are placed in previously excavated trenches and are covered with three feet of dirt in preparation for reforestration.

The present operation utilizes a suction dredge which floats on a pond which it excavates. The sand and gravel is washed and screened and the wash water and discarded silt and fine sand is put back into the pond. Surplus water from the pond is piped to the Cape Fear River. A permit to dump this water into the river has been secured from the appropriate state agency. The water in the pond was clear at the time of this inspection and the shoreline was precipitous.

No mosquito surveys were conducted at the time of this survey since the malaria mosquito breeding season does not normally begin until late April or May.

No complaints from persons living near the sand and gravel operations have been submitted to the county health department and Mr. Dean stated that mosquitoes were no problem at his home which is located on company property.

Mr. Gladden and I made two attempts to contact Mr. McLean who lives in a house owned by Mr. Don Mathews. Mr. Mathews is operating a beef cattle farm with 50 or more head of cattle. Mr. McLean's house is situated on a farm road which divides two pastures. There are stagnated ditches and low ponded areas in the pastures, which probably produce the mosquitoes which are bothering Mr. McLean. The Mathews farm appears to be 3 or 4 miles from the sand and gravel operation.

Conclusion:

I feel that the mosquitoes that are bothering Mr. McLean are not originating on the sand and gravel operation. The company, however, should make provisions to either drain excavated pits or to make impoundments with sufficient depth and sloped sides to prevent aquatic plant growth and mosquito production. All impoundments should be stocked with fish that will feed on mosquito larvae. Abandoned areas should be graded to prevent the formation of pockets of water and the area should be sloped to an outfall ditch.

Permanent impoundments are required to have impounding permits; applications for the permit may be obtained from the local health department or from the North Carolina State Board of Health.

NORTH CAROLINA

STATE BOARD OF HEALTH

RALEIGH

March 13, 1972

Mr. H. C. McLean
Route 7, Box 120
Fayetteville, North Carolina

Dear Mr. McLean:

Your letter to Attorney General Robert Morgan regarding a potential mosquito breeding area from gravel pits has been referred to this office by Henry T. Rosser, Assistant Attorney General.

Since this agency is responsible for mosquito control, I am sending a copy of this letter to Donald F. Ashton, Entomologist, requesting that on his next visit to Cumberland County that he investigate the conditions described. At the time of his visit he will contact you and discuss recommendations made regarding this matter.

Very truly yours,

Sidney H. Usry

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

SHU:bm
cc: Mr. Donald F. Ashton

ROBERT MORGAN
ATTORNEY GENERAL

State of North Carolina
Department of Justice
P. O. Box 629
Raleigh
27602

RECEIVED
MAR 13 1972
SANITARY ENGINEERING
DIVISION

March 9, 1972

MEMORANDUM

TO: Mr. S. H. Usry
Sanitary Engineering Division
State Board of Health

FROM: Henry T. Rosser
Assistant Attorney General

Re: Mosquito Breeding Areas Resulting from Gravel Extraction Operations in Cumberland County

Enclosed herewith is a copy of a letter received by Attorney General Robert Morgan from Mr. H. C. McLean of Cumberland County, and a copy of the reply of this Office to Mr. McLean. As you will note, Mr. McLean alleges that the manner in which certain gravel extraction operations in Cumberland County are conducted have resulted in mosquito breeding areas.

Since this matter falls within your jurisdiction and authority, I thought it appropriate to bring this matter to your attention. If this Office can be of any service, please let us know.

HTR:bpb
Enclosure
CC: Attorney General
Mr. H. C. McLean
Mr. Marshall Staton

Thur 2, 1972

Attys Gen. Robert Morgan

Dear Sir:

I understood there was a law passed a some time back giving the gravel co's, six mo's to refuel off often Nigggin.

Down here on Cape Fear River - they have been digging since 1949 and - its really bad pollution - Stagnated war - for stock and animals to Drink - much less danger of Malaria Fever, Mosquito Breeding anything -

Thanking you for any advice -

H. C. McLean
P.F.D. - 7 - B - 1 20 Fayetteville, NC

RECEIVED
MAR - 3 - 1972

NORTH CAROLINA
DEPT. OF ATTORNEY GENERAL
RECEIVED
MAR 3 1972
Returned to Rosser
Answered by

State of North Carolina
Department of Attorney General
Raleigh

COPY

March 9, 1972

Mr. H. C. McLean
Route 7, Box 120
Fayetteville, North Carolina

Re: Gravel Pit Operations

Dear Mr. McLean:

Your letter of March 2, 1972, to Attorney General Robert Morgan has been referred to me. In your letter you complain of certain existing conditions arising out of the operation of a gravel pit on the Cape Fear River. You also stated that you understood that there was a law requiring gravel extraction operations to level off the area of their operations.

I believe the law to which you refer is the Mining Act of 1971, which was enacted by the 1971 General Assembly. This law requires all persons engaged in mining operations after July 1, 1972, to secure a permit from the North Carolina Department of Conservation and Development. It further requires, as a condition precedent to the issuance of the permit, the submission by the mine operator of a reclamation plan to protect natural resources, prevent pollution and contamination, and rehabilitate the affected land.

You have further indicated that the manner in which the mining operations are presently conducted has resulted in water pollution and has created breeding places for mosquitos. The North Carolina Department of Water and Air Resources is the agency having control over sources of water pollution. The State Board of Health administers a mosquito control program.

I have taken the liberty of writing to the Department of Conservation and Development, the Department of Water and Air Resources and the State Board of Health concerning these matters, and I have forwarded a copy of your letter to each of those agencies. Enclosed herewith are copies of the memoranda which I have written to the above-mentioned agencies.

If this Office can be of further service, please let us know.

Very truly yours,

ROBERT MORGAN
Attorney General

Henry T. Rosser
Assistant Attorney General

HTR:bpb
Enclosure
cc: Attorney General
Colonel George E. Pickett
Mr. Earle Hubbard
Mr. Darwin Coburn
Mr. Eugene Simmons
Mr. J. H. Usry
Mr. Marshall Staton

FORM SS-5

NORTH CAROLINA STATE BOARD OF HEALTH
Raleigh, North Carolina

Ck # 8028
23.69
deposited Budget
1-4-72

INVOICE NUMBER	
72	54

DATE		
12	15	71

TO
Cumberland County Health Department
Box 470
515 Person Street
Fayetteville, North Carolina 28302

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

QTY	DESCRIPTION	UNIT PRICE	AMOUNT
50	lbs. Warfarin Concentrate	.46	23 00
	Sales Tax		69
	Mr. Terry Dover picked up 25 lbs. on 11/23/71.		
	Mr. Lacy Williams picked up 25 lbs on 12/15/71.		
	TOTAL		23 69

RECEIVED
DEC 31 1971
SANITARY ENGINEERING DIVISION

PLEASE MAKE CHECK PAYABLE TO:

NORTH CAROLINA STATE BOARD OF HEALTH

PLEASE RETURN DUPLICATE COPY WITH REMITTANCE

PHONE: 919-485-2141 **THOMAS & HOWARD COMPANY**, FAYETTEVILLE, N. C. 28302

SOLD TO Cumberland County Health Dept

ADDRESS Person St — City 515 Person St 48661

DATE 11/23/71

SALESMAN Misc. BY Bob

BP	ITEMS	PORTER	WH ITEMS	WH PORTER	SHIPPED BY	DRIVER	IN BY	VERIFIED
C	M-							

TERMS: NET WEEKLY

✓	QUANTITY	DESCRIPTION	PRICE	AMOUNT
1	8 cs	5/10# A. B. Yellow Meal 35930	4.65	~~32 55~~ 37 20
2				
3	2 ctn	500/5# Paper Bags 54046	1.90	3 80
4				
5	2 cs	1M/1# Wax Lined Trays 53410 ~~53460~~	5.75	~~30 60~~ 11 50
6				
7				
8				
9				
10				
11				
12				
13				
14				~~39 95~~
15				~~47 85~~
16				52 50
17				
18				
19				2 10
20				1 01
21		Plus Tax		~~1 60~~
22				
23				
24				
25				
26				54 60
27				
28				~~[illegible]~~
29				

Paid $54.60 Dec 30. 1971 R.H

Joe P. [illegible]

TOTAL ~~41 88~~

CUSTOMER'S INVOICE

54.60
49.76
4.84

11/29/71

Cumberland County Health Dept.
Fayetteville, N.C.

Warfarin 50 lb. @ 46¢ = 23.00
Tax = .69
$23.69

Picked up 25 lbs on 11/23/71 (Terry Dover)
will pick up 25 lbs later

Picked up 25 lbs. on 12-15-71 (Lacy Williams)

November, 1971

Mr. Lacy Williams, Jr., R.S.
Director of Environmental Health
Cumberland County Health Department
Box 470
Fayetteville, North Carolina 28302

Dear Mr. Williams:

I am sending a copy of your letter to Mr. Fred. J. Wood requesting that on his next visit to the area he inspect the proposed sites.

Very truly yours,

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

SHU:bm
cc: Mr. Fred J. Wood

Health Department
County of Cumberland
Fayetteville, North Carolina 28302

November 5, 1971

RECEIVED
NOV 5 1971
SANITARY ENGINEERING
DIVISION

Mr. Sidney H. Usry, Chief
Sanitary Engineering Division
Solid Waste and Vector Control Section
North Carolina State Board of Health
Raleigh, North Carolina

Dear Mr. Usry:

Mr. Jimmy Jones with the City of Fayetteville Street & Sanitary Department, has requested as soon as possible that a representative of your Division visit with us and look over some possible rubble sites that he wants to utilize here in the Fayetteville vicinity.

It would be greatly appreciated if Mr. Fred Wood or the proper person that you would delegate to observe these sites could visit this department at the very earliest opportune time.

Your cooperation, as always, is greatly appreciated.

Very truly yours,

Lacy Williams, Jr.

Lacy Williams, Jr., R. S.
Director of Environmental Health

LWJr:jbr

December 3, 1970

Mr. Lacy Williams, Jr., R.S.
Director of Environmental Health
Cumberland County Health Department
Fayetteville, North Carolina 28302

Dear Mr. Williams:

In reply to your letter of November (23) 1970, the personnel of the Solid Waste and Vector Control Section has made routine inspections of the solid waste disposal facilities that are now operated in Cumberland County. It is our opinion that much progress and improvement has been made in providing adequate disposal facilities for the county. The progress that has been made indicates that the program will be satisfactory and will ultimately provide adequate facilities for solid waste disposal. It must be emphasized that continued supervision will be necessary in order for the program to meet the standards that have been established for the solid waste disposal program.

In regard to the complaints, to my knowledge this office has received only one which I referred to you and was handled by your office. Accordingly, I would feel that the program is operated satisfactorily.

The tire disposal site that you have started in an effort to provide adequate facilities for this type of material will need special attention during the summer season. Past experience has shown that automobile tires provide excellent breeding areas for mosquitoes.

The proposal to provide additional sites throughout the county could create additional problems for the overall program. It is my opinion that this approach could very well lead to the establishment of disposal sites that would ultimately be open dumps due to inadequate equipment to maintain them as sanitary landfills. I would feel that an expansion of the collection system and utilization of existing sanitary landfills would provide a better solution to the problem.

I will contact Mr. Fred J. Wood and arrange for him to visit your office during the week of December 14. At this time, I am sure he would like to discuss with you the proposed expansion of disposal sites.

If I can be of additional assistance to you, I shall appreciate hearing from you.

Very truly yours,

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

SHU:bm

Health Department
County of Cumberland
Fayetteville, North Carolina 28302

November 23, 1970

RECEIVED
NOV 24 1970
SANITARY ENGINEERING
DIVISION

Mr. Sidney H. Usry, Chief
Solid Waste and Vector Control Section
Sanitary Engineering Division
State Board of Health
Raleigh, North Carolina

Dear Mr. Usry:

I am writing you in regards to our local solid waste program which we are trying to carry on here in Cumberland County.

Since talking with you at the NCPHA meeting in Durham, we have opened a tire disposal site to be used solely for disposal of tires of all descriptions. On this day in Durham, you stated verbally to me that you had reviewed the slides that Mr. Perkins and Mr. Wood took on their visit with us some days prior to this. At this time I asked you for your general comments regarding our program, pros and cons, and I recall that you stated we were getting off to a real good start and to maintain what we had going so far.

I would like to ask at this time if you have received any complaints other than the one you telephone me about regarding the disposal of tires some 4 to 6 weeks ago. This call was inreference to Mr. Eugene Starling.

Please do not think at this point that I personally, or this department, wants a pat on the back, but we would like to know your comments and feelings and any way we can improve our operation, therefore, we stand ready for advice and suggestions.

Our franchised collectors, I think, are greatly improving their pick up schedules overall. I hope that everything will be over the "hill" after the Christmas rush is over.

I have asked Mr. Wood and also Mr. Perkins their general comments regarding our landfill operation and both have indicated that they are being carried out in the proper manner. This tire disposal site is an experiment for us, especially, and we would certainly welcome any suggestions or ideas that might be forthcoming from you or your fine staff.

As has been mentioned to you in prior discussions, this phase of solid waste is only a start or an effort by the Cumberland County Board of Commissioners and Health to prevent the health hazards and offensiveness created by the improper dumping or burning of garbage, trash and other refuse. To my knowledge, the only complaints that I can recall that have been referred to this department by you or your fine staff, is the one regarding tires in which thiswas taken care of.

Again, please do not think or take this letter to mean that I have my soap box handy, but I wanted to know your feelings regarding our solid waste program here in Cumberland County since we got into operation August 1, 1970.

I am sorry that I missed you last Thursday when you came to Fayetteville. Due to circumstances beyond my control, I was unable to attend this fine planning conference. I hoped that you would get down early enough that you could visit some of our landfill sites and observe our operations.

Again, may I state that this department stands ready and willing to fully cooperate and improve our program as you and your fine staff might outline. I hope that we are off to a good start as mentioned above. Your cooperation as always is greatly appreciated and your comments regarding the above will be well received.

Very truly yours,

Lacy Williams, Jr.

Lacy Williams, Jr., R. S.
Director of Environmental Health

LWJr:jbr
cc: Mr. Fred Wood
Mr. J. S. Canady
Mr. E. J. Edge, Jr.

WHAT IS A COUNTY LANDFILL?

A county landfill is a place operated by franchised contractors and the Town of Hope Mills for the proper disposal of solid waste under direct supervision of Cumberland County Health Department. It is an effort by the County Board of Health and Commissioners to prevent the health hazards and offensiveness created by the improper dumping or burning of garbage, trash and other refuse.

WHO CAN USE COUNTY LANDFILL FACILITIES? IS THERE A CHARGE?

Any person may dispose of his individual residential garbage at any landfill without charge, providing the load does not exceed three 32 gallon standard garbage cans per trip.

Fees for commercial users are set at 35 cents per cubic yard, or a minimum of $1.00 per load. Further information on landfill use, fees, etc., may be obtained from the Environmental Health Division of Cumberland County Health Department, telephone 483-9046.

WHERE ARE THE LANDFILLS LOCATED AND WHEN ARE THEY OPEN?

There are five county landfills. Operational hours are 9:00 a. m. until 5:00 p. m., Monday through Friday, and from 9 a. m. until 1:00 p. m. on Saturday.

(1) Cliffdale landfill is located on Cliffdale Road (S. R. 1400) near Bones Creek and Martin's Mobile Home Park, between Reilly Road (S. R. 1403 or Black Jack Road) and State Road 1402.

(2) Murchison Road landfill is located behind Trailertown Mobile Home Park. Enter on entrance road to Trailertown, off Country Club Drive (Highway 59), continue straight on dirt road to entrance of landfill site.

(3) Hope Mills landfill is located off Camden Road (Wire Road or S. R. 1003) south of intersection of Camden Road and Highway N. C. 59, near Koonce's Store. Turn left at sign, Whittington Stables, continue on dirt road ½ mile. Landfill on left.

(4) Stedman landfill is located on S. R. 1846 between Maxwell Road (S. R. 1006) and S. R. 1847.

(5) Wade-Godwin landfill is located on S. R. 1802 (Culbreth Road) between Godwin and U. S. Highway 301.

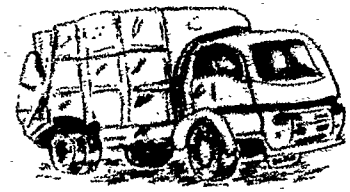
WHAT MAY BE DISPOSED OF AT A COUNTY LANDFILL?

Almost any type of garbage, trash or refuse that accumulates around a residence may be disposed of at a county landfill. Rubble such as tree stumps, logs, limbs and scrap building debris may be disposed of at Hope Mills, Murchison Road and Cliffdale locations. No junked vehicles or tires allowed. No poisonous or inflammable material accepted at these sites without permission of Cumberland County Health Director. Special arrangements must be made before disposing of large animals.

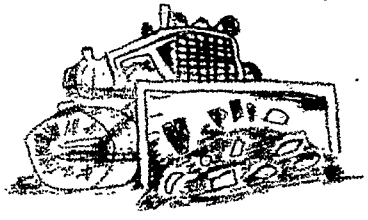
A special disposal site is open for disposal of tires only between the hours of 9:00 a. m. and 4:00 p. m., Monday through Friday. A permit is required and a small fee is charged. Permits may be obtained at Cumberland County Health Department between the hours of 8:00 a. m. and 3:00 p. m.

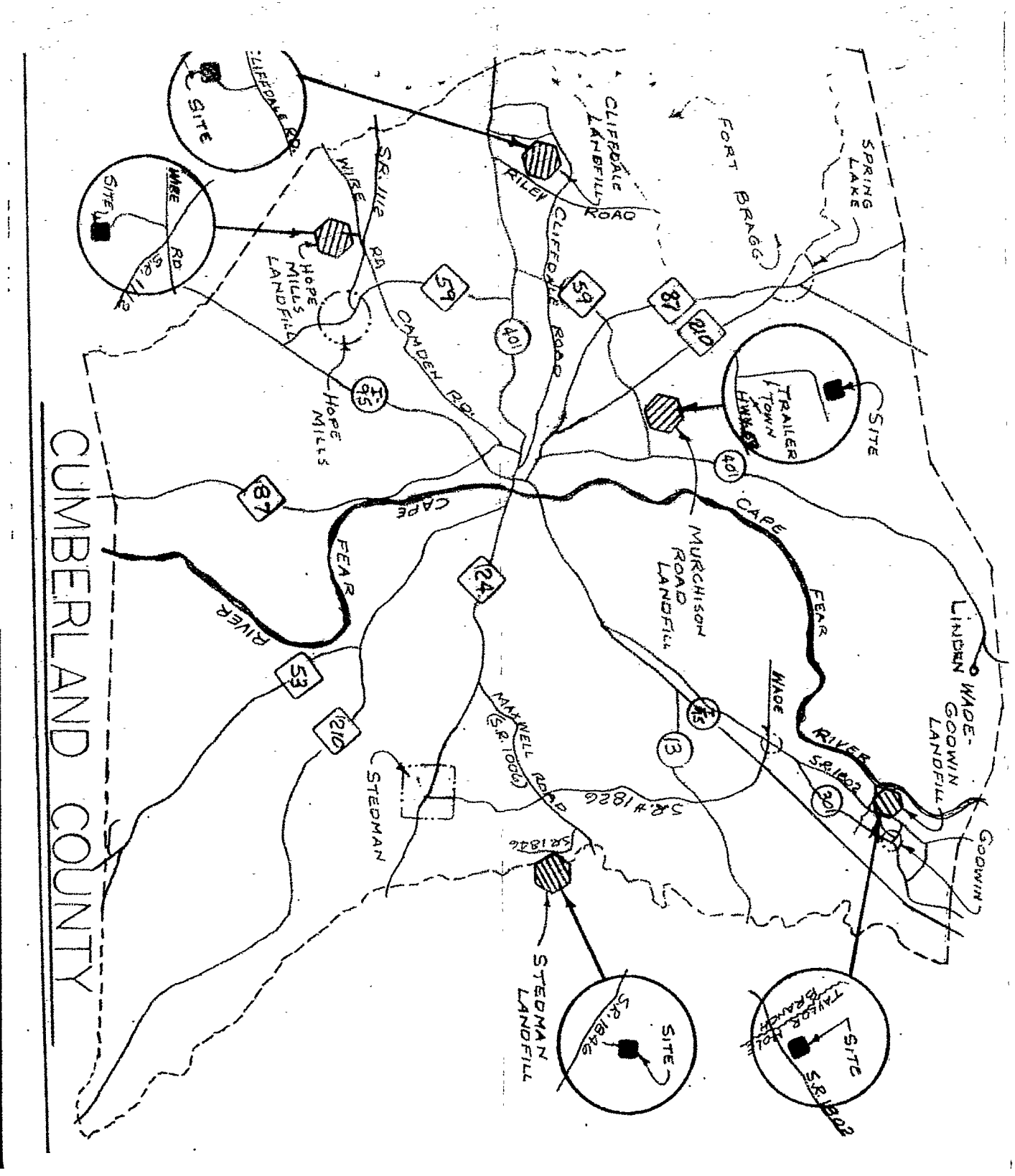
WHAT LAWS OR REGULATIONS CONTROL THE ACCUMULATIONS OF SOLID WASTES?

Cumberland County Board of Health regulations prohibit the accumulation of garbage or refuse on any premises except when stored in an approved container. The regulations also prohibit the disposal of garbage or refuse except in an approved sanitary manner. When an owner or tenant permits garbage or refuse to accumulate on his property, he is responsible for its proper disposal even if it was dumped there without his permission. His only recourse is to be willing and able to prove in the courts who dumped the garbage or refuse and that it was without his permission.



CUMBERLAND COUNTY SANITARY LANDFILLS





Cumberland

LOK

August 24, 1972

Mr. Olin L. Darby
Environmental Quality Coordinator
E. I.du Pont de Nemours & Company
Post Office Drawer Z
Fayetteville, North Carolina 28302

Dear Mr. Darby:

The proposed method of solid waste disposal as described in your letter of August 1, 1972, will be acceptable to this agency for compliance with the North Carolina State Board of Health "Rules and Regulations Providing Standards for Solid Waste Disposal." If changes are made in the disposal method, it will be necessary that you notify this office for approval.

Very truly yours,

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

SHU:bm
cc: Mr. Terry F. Dover

Z-544

E. I. DU PONT DE NEMOURS & COMPANY
INCORPORATED
P. O. DRAWER Z
FAYETTEVILLE, N. C. 28302

PLASTICS DEPARTMENT

August 1, 1972

Mr. D. S. Usry
North Carolina Board of Health
Sanitary Engineering Division
Box 2091
Raleigh, North Carolina

Dear Mr. Usry,

In a recent telephone conversation with you, we discussed the booklet concerning Rules & Regulations providing standards for solid waste disposal. You indicated that we should report now on our current solid waste disposal program and any anticipated changes we might expect by July 1, 1974.

Essentially all solid waste disposal is handled by a contract trash collector. Solid waste is collected in dumpsters on the plant and the contractor picks up the waste materials and disposal is in an off-plant approved sanitary landfill.

A small quantity of building materials consisting of concrete, bricks, wood and etc. is disposed of on the plant property. These materials are deposited in low areas and covered with earth. No garbage is deposited on the plant property.

We will continue using contract trash collection with disposal off the plant as long as the service is satisfactory.

By July 1, 1974, we expect to have selected a site on the plant's 2600 acres for solid waste disposal as a back-up with the proper approval from the State Board of Health.

If you need additional information, please contact the writer.

Sincerely,

Olin L. Darby
Environmental Quality Coordinator

RECEIVED
AUG 4 1972
SANITARY ENGINEERING
DIVISION

OLD:mdn

August 27, 1971

Mr. Randolph Hendricks
Planning Coordinator
State Planning Division
Department of Administration
Raleigh, North Carolina

Re: CH 72-0057
Solid Waste Disposal
~~Cumberland~~ County

Dear Mr. Hendricks:

This application indicates an intent to apply for Federal assistance to fund a solid waste disposal system which would serve areas outside towns in Cumberland County. The estimated total project cost is $163,000.

This proposal conforms to solid waste management plans which have been developed for Cumberland County by the staff of this office.

We recommend approval of this application.

Very truly yours,

Marshall Staton, Director
Sanitary Engineering Division

cc: Mr. Cena Barrett
Mr. Fred Wood
Cumberland County Health Department

JDF/bl

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

NOTIFICATION REFERRAL

ACTION REQUESTED

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

Agency State Board of Health

Re: Clearinghouse Notification No. 72-0057

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 SEP 01 1971

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

CIC Form # 2
1/71

C-H Notification No. 73-0057

FORM APPROVED BUREAU OF THE BUDGET CIR. NO. A-102

APPLICATION

FEDERAL ASSISTANCE FOR PUBLIC WORKS AND FACILITY TYPE PROJECTS

(Please read the Instructions before completing this application. Submit application in original and one copy. Attach additional sheets if necessary.)

DO NOT WRITE IN THIS AREA - *FOR GOVERNMENT USE ONLY*

1A NO.	REFERRAL		
AGENCY	DATE RECEIVED	DATE REFERRED	TO

AGENCIES ASSUMING JURISDICTION

AGENCY	DATE	PROJECT COMPONENT	PROJECT NO.

1A. APPLICANT *(Exact legal name or proposed name if not incorporated)*
County of Cumberland

CITY OR TOWN: Fayetteville | *(County)*: Cumberland | *(State)*: North Carolina | *(Zip code)*: 28302

1B. TYPE OF ORGANIZATION *(Check appropriate box)*
☐ STATE GOV. AGENCY ☒ LOCAL GOV. UNIT ☐ NON-PROFIT ORGANIZATION ☐ OTHER *(Specify)*

2. LOCALITIES TO BE SERVED

CITIES, TOWNS, OR AREAS *(List separately)*	COUNTY	POPULATION 1960	POPULATION CURRENT (Est.) 1970	POPULATION TO BE SERVED BY PROJECT
Areas outside Towns	Cumberland	148,418	212,042	150,000

3. DESCRIPTION AND PURPOSE OF PROPOSED PROJECT

A. DESCRIPTION

Establishing sanitary landfills.

Equipment	$128,000.00
Structures	15,000.00
Site Preparation	20,000.00
TOTAL	$163,000.00

B. PUBLIC INTEREST AND NECESSITY

Abatment of pollution by reducing solid wastes now disposed throughout the wooded and open areas of the County.

C. PLANNING AGENCY *(County, Multi-county, Regional, etc.)*

☒ REVIEWED BY PLANNING AGENCY *(Attach comments)* ☐ NOT REVIEWED BY PLANNING AGENCY *(If not, explain)*

101-102

STANDARD FORM 101
REVISED JANUARY 1968
PRESCRIBED BY THE BUREAU OF THE BUDGET
CIRCULAR NO. A75 (REV.)

4. METHOD OF FINANCING *(In thousands of dollars)*

SOURCE OF FUNDS	COMPONENTS				TOTAL
	WASTE		WATER	OTHER *(Describe in G. below)*	
	TREATMENT (1)	COLLECTION (2)	(3)	(4)	(5)
A. FEDERAL GRANT REQUESTED	$	$	$	$ 81,500.00	$ 81,500.00
B. FEDERAL LOAN REQUESTED				81,500.00	81,500.00
C. OTHER FEDERAL CONTRIBUTION					
D. STATE CONTRIBUTION					
E. APPLICANT CONTRIBUTION					
F. ESTIMATED TOTAL PROJECT COST	$	$	$	$ 163,000.00	$ 163,000.00

G. Disposal of Solid Wastes

5. OTHER FEDERAL ASSISTANCE - PREVIOUS OR PENDING

NAME OF AGENCY	TYPE OF ASSISTANCE	INDEBTEDNESS OUTSTANDING, IF ANY	AMOUNT REQUESTED
		None	

The applicant represents that the data in this application are true and correct to the best of his knowledge and belief and that the filing of this application has been duly authorized by the governing body of the applicant.

EXACT LEGAL *(Corporate)* NAME OF APPLICANT *(If unincorporated, enter proposed name)*

County of Cumberland, North Carolina

ATTEST *(Signature of attesting officer)*	BY *(Signature of authorized officer)*
C G Irwin	Hector E Lay
TITLE	TITLE
Clerk to the Board of Commissioners	Chairman, Board of Commissioners

NOTE: Additional Information May Be Requested To Support This Application.

(DO NOT WRITE IN THIS SPACE - *FOR GOVERNMENT USE ONLY*)

RECEIVED
AUG 11 1971

Cumberland County has a 1970 Census population of 212,042, an increase from the 1960 Census of 148,418. The Fort Bragg military base is located in the County. Sixty thousand people live in the metropolitan area of the City of Fayetteville and 150,000 live in rural Cumberland County. In the rural area are a number of small towns with the following population: Stedman - 600; Godwin - 149; Falcon - 235; Wade - 400; Linden - 157; Spring Lake - 4,110; and Hope Mills - 1,109. Garbage pick-up in the rural areas is franchised to two private collection firms.

Through the requested grant and loan, the County would be enabled to provide sanitary landfill sites throughout the County for the use of citizens outside incorporated areas who do not avail themselves of the services of private franchised garbage collection companies. Equipment requested will be used to cover and compact the solid wastes each day at each site.

The County has followed the recommendations made in a 1968 study which is enclosed. Ordinances have been adopted and enforced by the Cumberland County Board of Health. The Board of County Commissioners has divided the County into garbage collection districts and private collectors have been franchised and regulated by the County. The Commissioners have also leased disposal pit sites. The Board of Health has been designated to supervise the private collectors and sanitary landfill operations.

The Board of County Commissioners is without legal authority to either levy taxes for garbage collection or to use other general tax funds for that purpose. Additionally, citizens in rural areas cannot

be compelled to use private collectors and more than one half of them do not. This program will provide free sanitary disposal areas for these people for ordinary amounts of solid wastes which they themselves bring to the disposal sites.

Franchise fees paid by the two private collection firms and the fees collected by individuals bringing their own garbage will not be sufficient to hire contract equipment operators to make daily coverage at the sites. By having its own equipment, the County will be able to properly cover and compact the sanitary landfills.

July 17, 1970

Mr. Lacy Williams
Sanitarian Supervisor
Cumberland County Health Department
Post Office Box 470
515 Person Street
Fayetteville, North Carolina 28302

Dear Mr. Williams:

Please find enclosed the investigative reports, recommendations, site plans, and cross sections for the five proposed landfills investigated in Cumberland County.

If this section can be of further assistance in developing your solid waste disposal program, do not hesitate to call.

Sincerely,

Jerry C. Perkins
Sanitary Engineer
Solid Waste & Vector Control Section
Sanitary Engineering Division

JCP:bm

Enclosures

cc: Mr. Fred J. Wood

STATE BOARD OF HEALTH

SANITARY ENGINEERING DIVISION

RALEIGH, NORTH CAROLINA

REPORT OF INVESTIGATION OR INSPECTION OF 5 Proposed Sanitary Landfills in Cumberland County

Place visited Cumberland County Date June 23 and 30 19 70

Address Cumberland County Health Department Time spent 2 days

By whom Jerry Perkins, Sanitary Engineer, Sanitary Engineering Division, N. C. State Board of Health

Persons contacted (See Report)
(Owner, agent tenant, manager, other)

Reason for visit To determine feasibility of sites for Sanitary Landfills and provide planning assistance.

Copies to: Mr. Lacy Williams, Sanitarian Supervisor, Cumberland County Health Department
Mr. Fred Wood, District Sanitarian, Solid Waste & Vector Control Section, State Board of Health

REPORT:

During the investigation of five proposed sanitary landfills in Cumberland County the following personnel were contacted: Mr. Lacy Williams, Sanitarian Supervisor; Mr. Joe Gladden, Sanitarian I; Mr. Gary Freeman, Sanitarian Aide; and Mr. Terry Dover, Sanitarian Aide; all of the Cumberland County Health Department. The dates of the investigations were 23 June and 30 June, 1970, respectively. The report and recommendations for each site are presented below:

Site No. I (Near Godwin)

Report:

Site No. I is located near the intersection of SR 1812 and SR 1802 approximately one mile southwest of Godwin and near the Cape Fear River. Approximate acreage contained in the plot is 1.5 acres. The site contains approximately 50 percent woodland and 50 percent abandoned farmland.

The terrain is rolling and has good general drainage. Parameters to the development of the site are the property lines of the plot. Soil conditions observed is a sandy clay with evidence of gravel content in the lower stratus. The elevation of the property is deemed to be high enough so that no water table problems should be encountered with the shallow excavations. Available sources indicated that the amount of refuse received at the site is expected to be of a low volume. The overall site lends itself to the trench method of disposal by sanitary landfill. No industrial wastes of any major consequence are expected to be delivered for disposal at this site. Elevations of the completed portions of the landfill are expected to approximate the original elevation prior to use.

Recommendations:

1. Utilize the trench method of disposal for sanitary landfill.
2. Construct the trench in such a manner that the trench drainage is directed toward the southwest property line. (A sketch providing a site plan and a cross section of the recommended operation is attached to this report.)

3. Trench dimensions should approximate those provided on the attached drawing. A 30-foot width has been designated to allow for the initial impact of a newly opened disposal site in this part of the county. Subsequent trenches can be reduced in width if the volume received at the site is not sufficient to justify the 30-foot width.
4. Improve the access road as necessary to withstand heavy wheel loads of collection vehicles.

Site No. II (Near Stedman)

Report:

Site No. II is located off SR 1846 near South River and the Cumberland/Sampson County line and is four miles northeast of Stedman. Approximate acreage investigated is 3.7 acres consisting of an old borrow pit. The terrain has a general roll and the soil condition was observed to be sandy clay. Drainage to the pit was observed to be good, centered about one control point. Dyking was observed to be needed on the east property line and portions of the southwest property lines. Parameters to the development of this site are primarily property lines. Water table problems are not anticipated as shallow excavations for cover material should not enter the existing water table. No industrial waste of any large consequence is expected to be delivered to this site. The amount of refuse expected at this site is to be of low volume. The aim of the development of this site by sanitary landfill is to reclaim land. The finished elevations should approximate the original elevation prior to the borrow pit excavations.

Recommendations:

1. It is recommended that the area ramp method of disposal by sanitary landfill be utilized. This method will entail the use of protective dyking in the southern corner and along the southwestern property line. (A site plan and cross section for the proposed landfill development is attached to this report.)
2. It is recommended that development of the proposed site follow sequential steps as indicated on the attached plan. This being the development of Section A, Section B and finally, Section C in such a manner that surface drainage of the operational area is directed toward the drainage control point at all times.
3. Improve the access road from SR 1846, as needed, primarily to divert storm drainage from the operational area.

Site No. III (Near Hope Mills)

Report:

Site No. III is located approximately three miles west of Hope Mills on SR 1003 near Rock Fish Creek. The apprximate acreage contained in the overall proposed site is 7.5 acres with initial emphasis on 3.5 acres on the eastern side. The terrain was observed to be rolling and the soil was observed to have a high sand content. The drainage for this site was observed to be good with primary drainage outlets at two locations on the property. The elevation of the property was deemed to be sufficient so that no water table problems should be encountered by shallow excavations. Dyking will be required in the southern corner of the property as this portion of the property is low in elevation and will require dyking material to prevent possible leaching from the landfill operation. No industrial waste of any major quantity or any hazardous quality is expected to be delivered at this site. The aim of the development site is to restore land to its approximate, original elevation by us of sanitary landfill.

Recommendations:

1. It is recommended that a trench be excavated to provide initial dyking material in the southern corner of the property.
2. After the initial trench of the compacted and covered refuse has been completed, it is recommended that the disposal method be by area ramp. (Site plan and cross section for the recommended development is attached to this report.)
3. It is recommended that development as shown on the attached site plan be implemented by developing Section A, Section B and finally, Section C keeping surface drainage from the operational area directed toward the drainage control point. Also, note on the site plan that the development, as recommended, takes advantage of an existing natural ridge which separates the proposed operational area from a major drainage way for storm water.
4. Dyke, as necessary, the two areas designated on the site plan for the disposal of inert waste materials such as tree stumps, demolition wastes, etc.
5. Improve the access road as necessary to divert storm drainage away from the operational area.

Site No. IV (Near Clifdale)

Report:

Site No. IV is located on SR 1400, 1.5 miles west of Clifdale and near Bones Creek. Approximate acreage contained in this site is 5.4 acres. The terrain was observed to have a general roll and soil was observed to have a high sand content. Drainage for the proposed operational site rolls to both sides of the site as a natural ridge extends the length of the site. No water table problems are anticipated on this site as long as excavations remain shallow. Dyking will be required on either side of the property along the lower elevations to prevent any possible leaching from the landfill. No industrial waste of any major consequence is anticipated to be delivered to this site. The aim of the development of this site is to restore original elevations plus an increase of elevation on each of the low sides of the property by use of the sanitary landfill.

Recommendations:

1. Utilize initial trench on either side of the property to provide needed dyking material.
2. After completion of the compacted and covered trenches, utilize the area ramp method of disposal for the remaining portions of the site in a manner similar to that shown on the attached drawings.
3. Recommend development in a manner as shown on the drawing developing Section A, B, C, and D in that order to facilitate maximum use of cover materials and to provide drainage outlets at all times. Under no circumstances is this cover material to be borrowed from the center of the plot as this area will serve as access to both sides and should not be disturbed until the last stage of development.
4. Maintain the access road in a manner suitable to accomodate the wheel loads of delivery vehicles.

Site No. V (Near Spring Lake)

Report:

Site No. V is located off Highway 210 and 4.5 miles southeast of Spring Lake. Approximate acreage included in the site is 7.8 acres. The observed terrain in the surrounding area is fairly flat and the site itself is an abandoned borrow pit whose bottom elevation is approximately 12 feet lower than the original elevation. Soil condition was observed to be sandy. Drainage was observed to be generally good with a drainage outlet located on the northwestern property line. Test holes dug on the borrow pit site indicated that the existing water table was approximately nine feet from the borrow pit bottom. This site is expected to receive a high volume of waste, but no industrial waste of any major consequence is anticipated.

Recommendations:

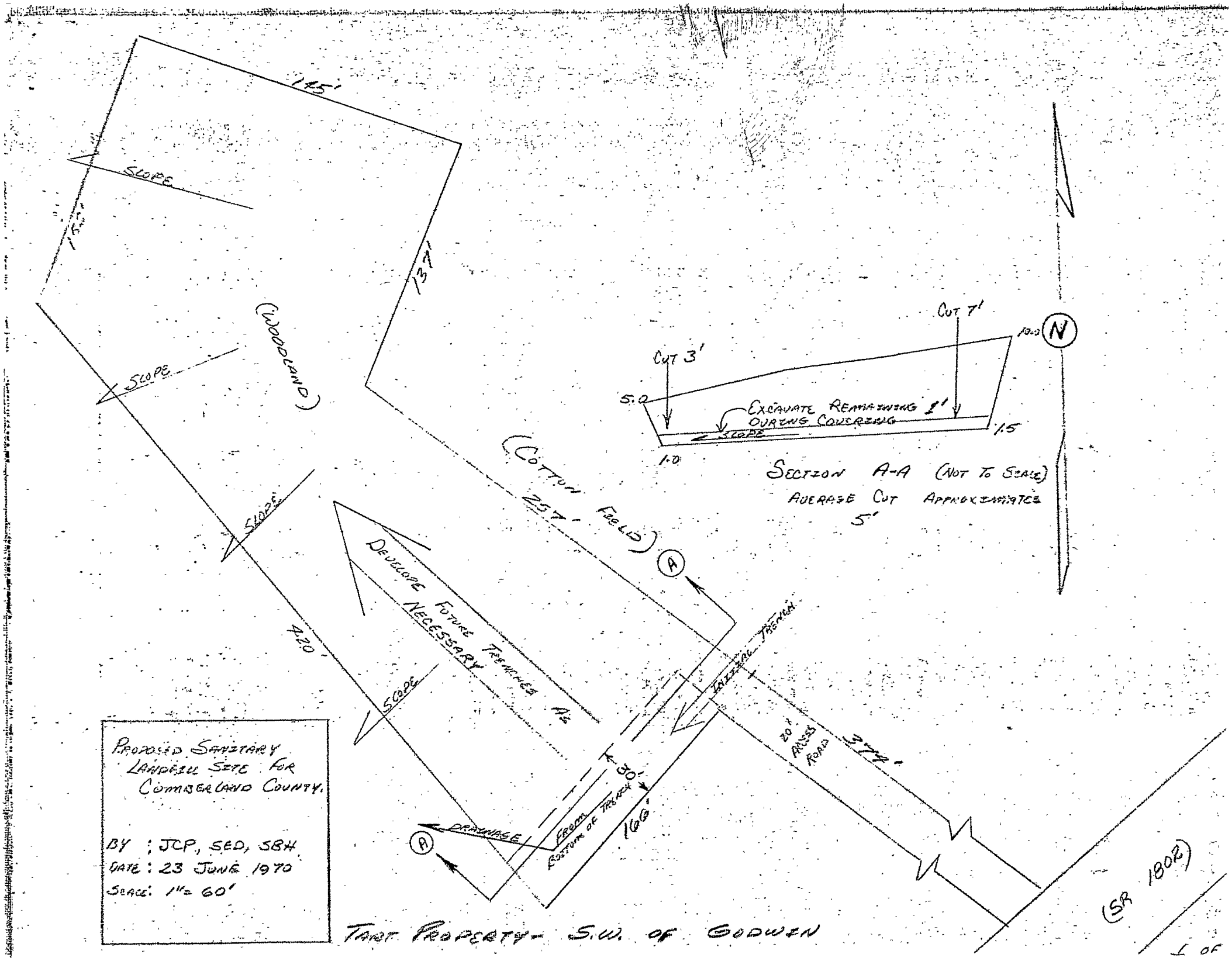
1. Utilize a combination trench and ramp method by sanitary landfill. Dyking will not be required initially but provisions should be made to stockpile dyking material to be used in the last stages of development of the site, particularly on the side of the property on which the drainage outlet is located.
2. Develop the completed field sections in a manner approximate to that recommended on the attached drawings.
3. Maintain entrances to the spcified deposit areas as needed and as the development of the plot proceeds.
4. The aim of this development project is to restore this land to elevations approximate to the original elevations prior to the borrow pit excavations.
5. Excavations for cover material should at no time be closer than three feet of the existing water table.
6. Development of the site to finished elevations as shown will require the handling of earth material more than once in some cases as the cover material for the top life of compacted refuse will have to come from stockpile sources. It is recommended that particular attention be paid to this aspect to realize maximum utilization of the available cover material and to prevent the need for hauling cover material from other sources during the latter stages of sanitary landfill development.

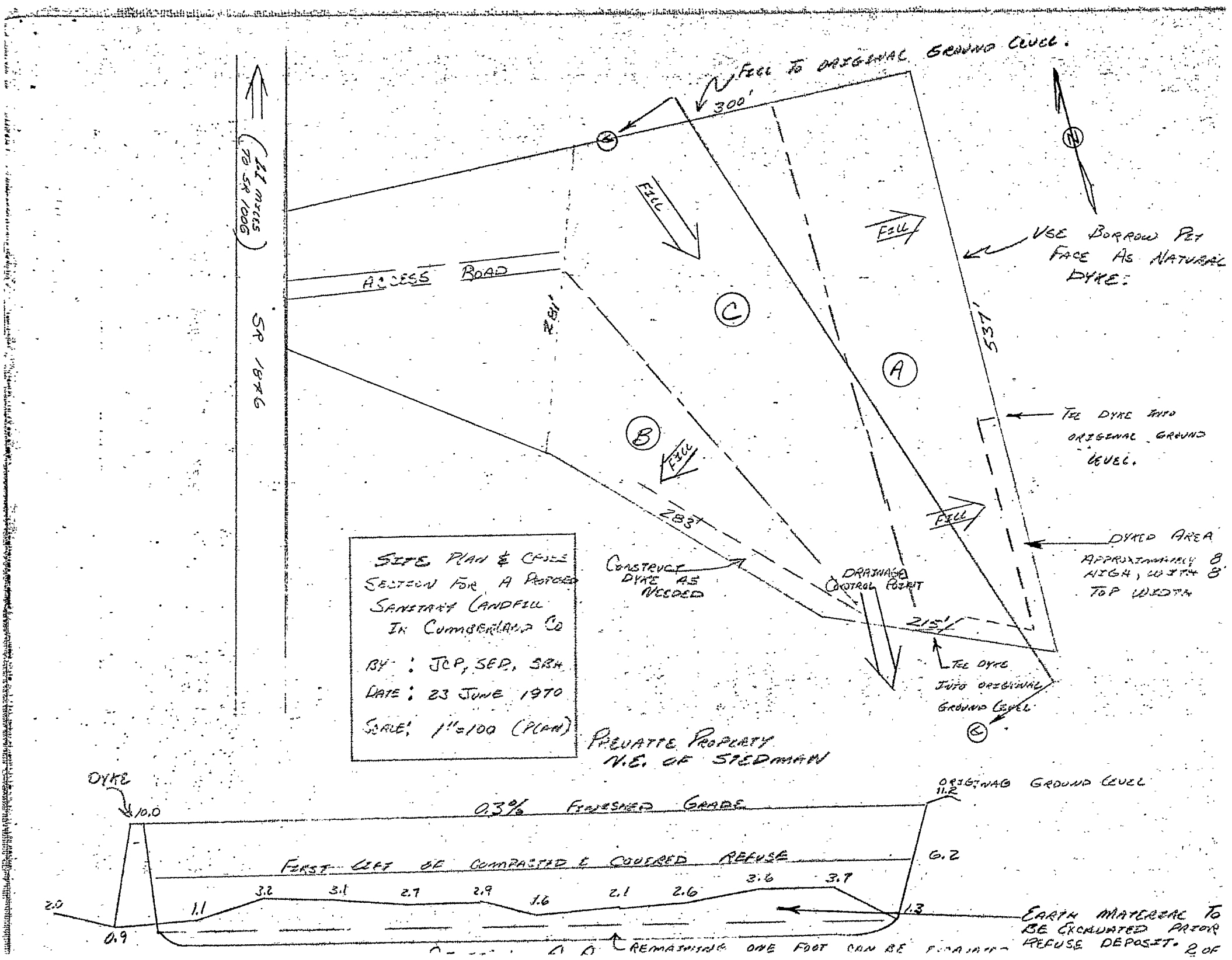
General Recommendations:

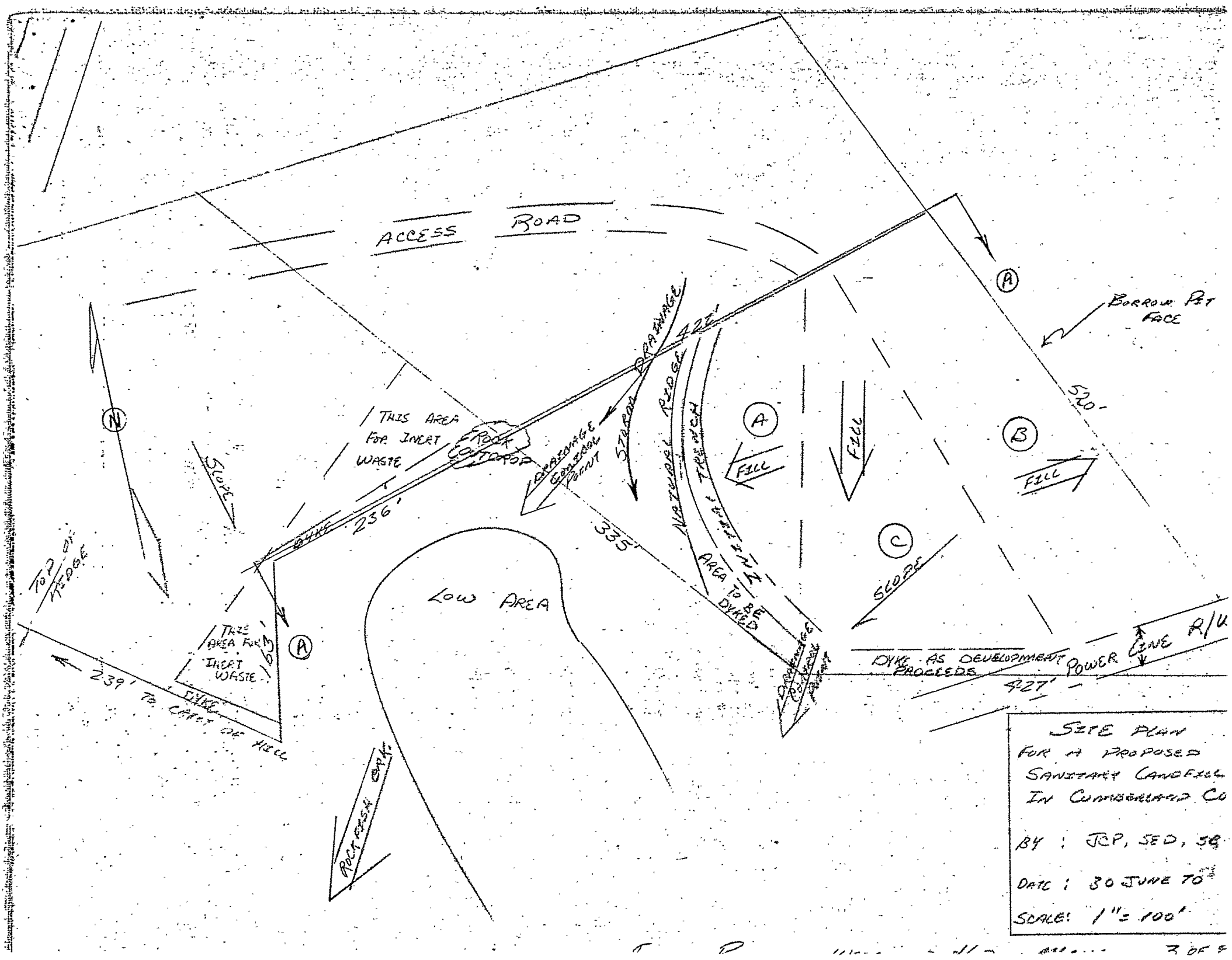
The following general recommendations are applicable to all five sites. These recommendations are premised on the condition that adequate supervision and equipment as recommended in the refuse disposal plan presented to Cumberland County by the State Board of Health will be used.

1. Thoroughly compact and cover refuse at the sites receiving a high volume of waste on a daily basis. Covering at the low volume sites is required often enough to deter fly, rat, mosquito, and other vermin populations.
2. No burning of refuse is allowed at any of the sites.
3. Designate separate areas for tree limbs, stumps, demolition wastes.
4. Maintain access roads to all sites in such a condition that heavy wheel loads of collection vehicles can be accomodated.
5. In all cases, make no excavations into the existing water table.

6. Provide a site attendant at the sites receiving a high volume of waste to direct users to deposit areas.
7. Provide signs indicating regulations governing use of the sites and also to provide directions for county residents to find the site.
8. Negotiate agreements with industrial firms in the event that high volumes of industrial wastes are encountered and require preconditioning for safe and economical handling.


145'
SLOPE
132'
(WOODLAND)
SLOPE
SLOPE
(COTTON FIELD)
257'
DEVELOPE FUTURE TRENCHES AS NECESSARY
420'
SLOPE
A
A
DRAINAGE
FROM BOTTOM OF TRENCH
30'
160'
INITIAL TRENCH
20' ACCESS ROAD
377'
(SR 1802)
CUT 3'
CUT 7'
5.0
EXCAVATE REMAINING 2' DURING COVERING
SLOPE
1.5
1.0
N
SECTION A-A (NOT TO SCALE)
AVERAGE CUT APPROXIMATELY 5'
PROPOSED SANITARY LANDFILL SITE FOR CUMBERLAND COUNTY.
BY : JCP, SED, SBH
DATE : 23 JUNE 1970
SCALE: 1" = 60'
TRACT PROPERTY - S.W. OF GODWIN


FILL TO ORIGINAL GROUND LEVEL.
300'
FILL
FILL
USE BORROW PIT FACE AS NATURAL DYKE.
ACCESS ROAD
SR 1846
(1.1 MILES TO SR 1006)
C
A
B
537'
283'
215'
TIE DYKE INTO ORIGINAL GROUND LEVEL.
DYKED AREA APPROXIMATELY 8' HIGH, WITH 8' TOP WIDTH
CONSTRUCT DYKE AS NEEDED
DRAINAGE CONTROL POINT
TIE DYKE INTO ORIGINAL GROUND LEVEL
PRIVATE PROPERTY N.E. OF STEDMAN
SITE PLAN & CROSS SECTION FOR A PROPOSED SANITARY LANDFILL IN CUMBERLAND CO
BY: JCP, SED, SRH
DATE: 23 JUNE 1970
SCALE: 1"=100 (PLAN)
DYKE
10.0
0.3% FINISHED GRADE
ORIGINAL GROUND LEVEL
11.2
FIRST LIFT OF COMPACTED & COVERED REFUSE
6.2
2.0
1.1
3.2
3.1
2.7
2.9
1.6
2.1
2.6
3.6
3.7
1.3
0.9
EARTH MATERIAL TO BE EXCAVATED PRIOR REFUSE DEPOSIT.
REMAINING ONE FOOT CAN BE EXCAVATE
2 OF

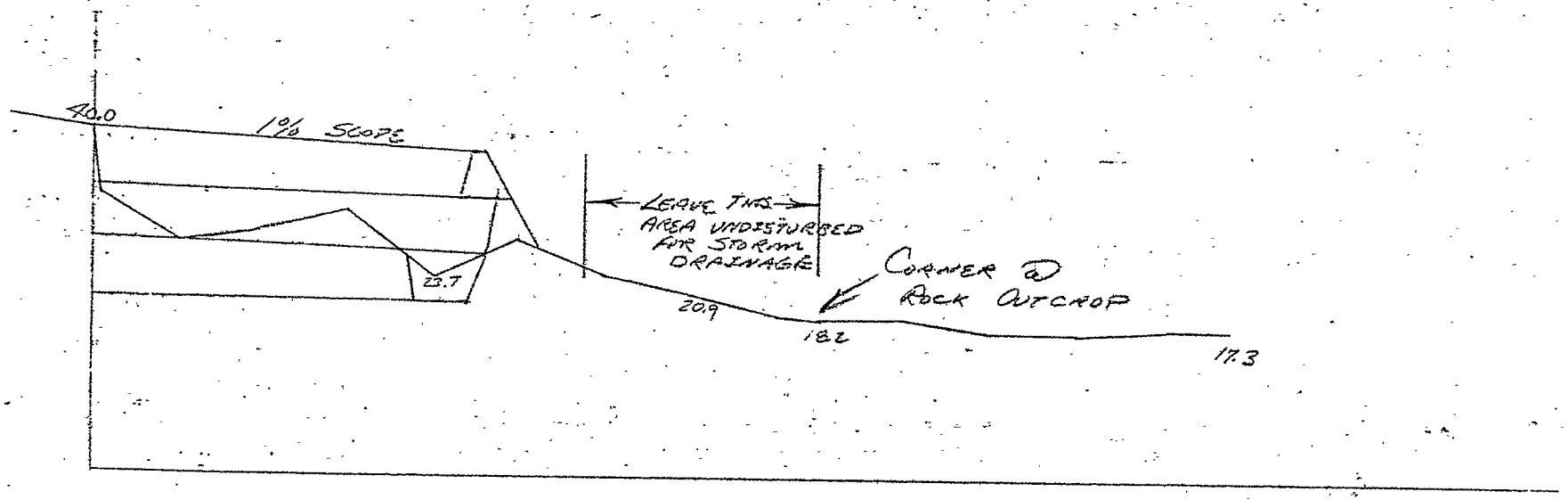


SITE PLAN
FOR A PROPOSED
SANITARY LANDFILL
IN CUMBERLAND CO

BY : JCP, JED, SG

DATE : 30 JUNE 70

SCALE: 1" = 100'



SECTION A-A

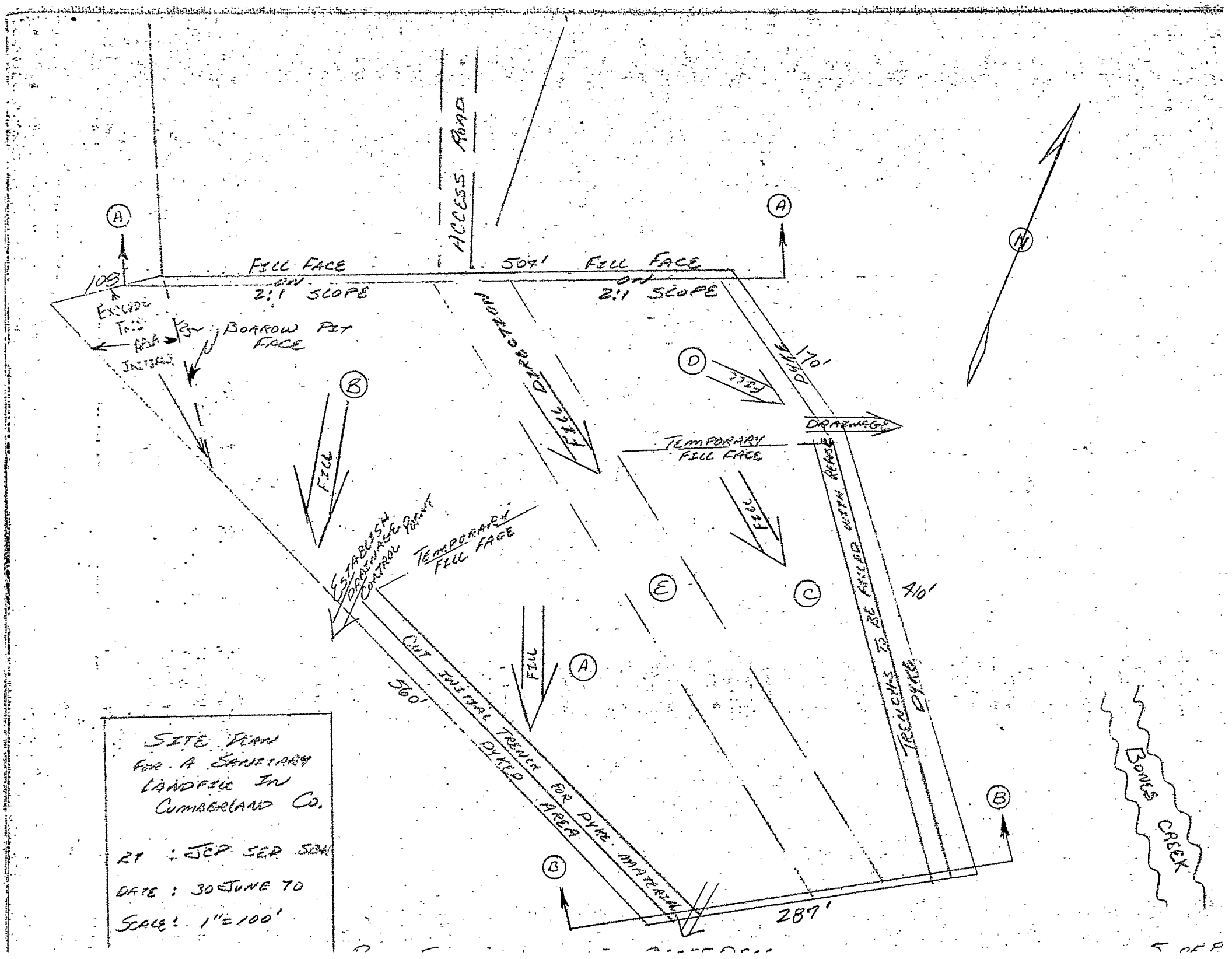
NOTE: ALL ELEVATIONS ARE RELATIVE.

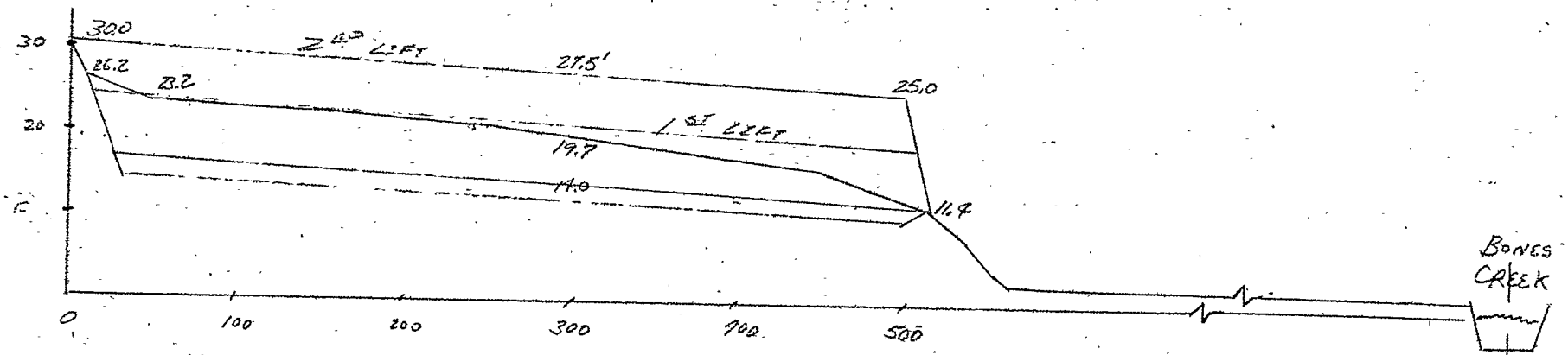
CROSS SECTION
FOR A PROPOSED
SANITARY LANDFILL
IN CUMBERLAND

BY : JCP SED SRH

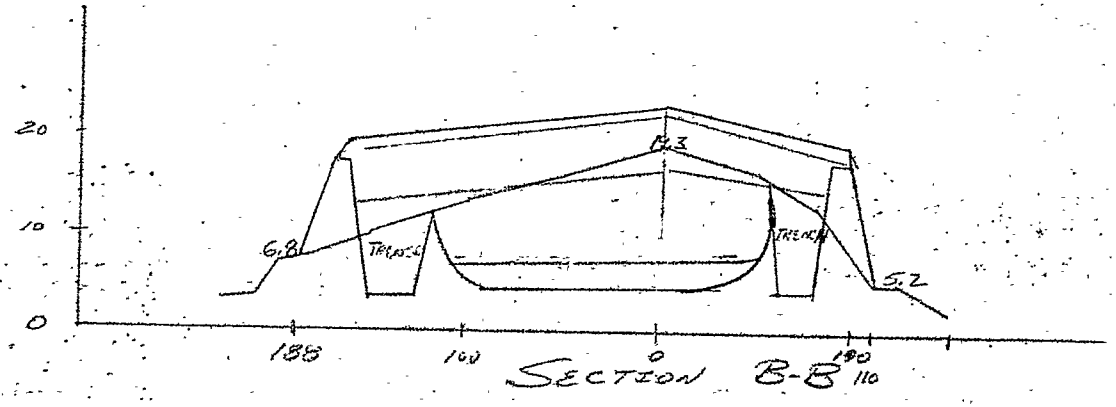
DATE : 30 JUNE 1970

SCALE: HOR 1" = 100'
VERT 1" = 1'


ACCESS ROAD
FILL FACE
ON
2:1 SLOPE
504'
FILL FACE
ON
2:1 SLOPE
108'
EXCLUDE THIS AREA INITIALLY
BORROW PIT FACE
FILL DIRECTION
FILL
170'
DYKE
DRAINAGE
TEMPORARY FILL FACE
FILL
ESTABLISH DRAINAGE CONTROL POINT
TEMPORARY FILL FACE
FILL
410'
TRENCHES TO BE FILLED WITH REFUSE
DYKE
CUT INITIAL TRENCH FOR DYKE MATERIAL
DYKED AREA
560'
287'
BONES CREEK
SITE PLAN FOR A SANITARY LANDFILL IN CUMBERLAND CO.
BY : JCP SEP SBH
DATE : 30 JUNE 70
SCALE : 1"=100'



SECTION A-A



SECTION B-B

CROSS SECTIONS FOR A PROPOSED SANITARY LANDFILL IN CUMBERLAND CO.

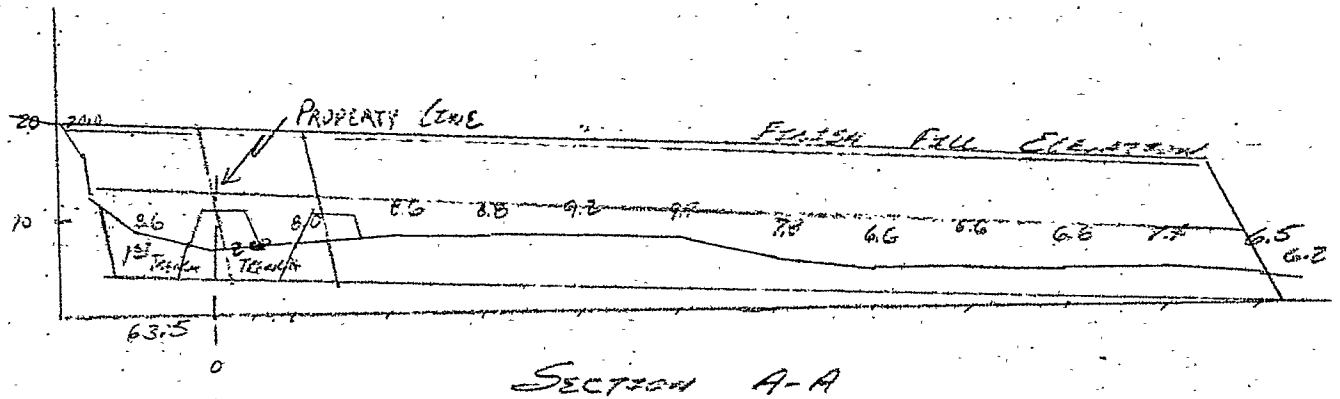
BY: JCP SCD SGH

DATE: 30 JUNE 1970

SCALE: HOR 1"=100'
VERT 1"=10'

PATE EST. WEST OF CLIFFDELL

RAIL ROAD R/W
575'
591'
DRAINAGE
DRAINAGE
FILL DIRECTION
FILL DIRECTION
FILL DIRECTION
TEMPORARY DIKE
DRAINAGE
575'
EXCAVATED TRENCH
BORROW PIT FACE
BORROW PIT FACE
BORROW PIT FACE
591'
ACCESS ROAD
N
SITE PLAN FOR A SANITARY LANDFILL IN CUMBERLAND CO
BY: JCP SED 584
DATE: 23 JUNE 1970
SCALE: 1"=100'
BRIDGER PROPERTY N.E. OF SPRING LAKE



SECTION A-A

BRIDGER PROPERTY
N.E. OF SPRING CAKE

CROSS SECTIONS
FOR A PROPOSED
SANITARY LANDFILL
IN CUMBERLAND CO

BY: JCP SED SCH
DATE: 23 JUNE 1980
SCALE: HOR 1" = 100'
VERT 1" = 10'

June 3, 1970

Mr. Lacy Williams, Jr., R. S.
Supervising Sanitarian
Cumberland County Health Department
Fayetteville, North Carolina 28302

Dear Mr. Williams:

In reply to your request for assistance in the preparation of specifications regarding the sanitary landfill program, I will be glad to arrange for Mr. Strickland and Mr. Wood to visit your county in the very near future. However, due to previous commitments, I am unable at the present time to give you an exact date, but will notify you in advance of their scheduled visit. I am very much interested in following the development of the program in Cumberland County, and I am confident that much progress has been made due to your untiring efforts.

Very truly yours,

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

SU/mg

cc: Mr. O. W. Strickland
Mr. Fred Wood

Health Department

County of Cumberland

Fayetteville, N. C. 28302

May 26, 1970

RECEIVED
MAY
SANITARY ENGINEERING
DIVISION

Mr. Sidney H. Usry, Chief
Insect & Rodent Control Section
Sanitary Engineering Division
North Carolina State Board of Health
Raleigh, North Carolina

Dear Mr. Usry:

I would like to ask your assistance again in the ever increasing solid waste problem here in Cumberland County. In the past you have been so courteous as to send a representative from your division to this county to assist us in any problems that we may have had regarding solid waste, etc.

Again, as stated above, I would like to request assistance from a member of your fine staff to visit this department at his very earliest convenience, and assist us in preparing the proper specifications regarding the landfill program that we plan to establish here in Cumberland County. Being that Mr. Strickland or Mr. Wood are much more familiar with this job, and being also that these sites will be prepared by Cumberland County proper, we certainly want to start off in the right perspective.

Bids will have to be submitted for the preparatory construction of these sites. We now have five sites that specifications will have to be drawn for the proper bidding.

Your cooperation, as always, is greatly appreciated.

Very truly yours,

Lacy Williams, Jr.

Lacy Williams, Jr., R. S.
Supervising Sanitarian

LWJr:jbr
cc: Mr. E. J. Edge
Mr. J. S. Canady
Mr. Marshall Staton
Mr. Fred Wood

Cumberland
LOR

May 5, 1971

Lacy Williams, Jr., R.S.
Director Environmental Health
Cumberland County Health Department
Fayetteville, North Carolina 28302

Dear Mr. Williams:

In regard to your letter of April 23, 1971, development of solid waste disposal sites for subdivision construction is not recognized as feasible by this office. Therefore, the site plan submitted is not approved for solid waste disposal.

Very truly yours,

Jerry C. Perkins, Sanitary Engineer
Solid Waste & Vector Control Section
Sanitary Engineering Division

JCP:bm

Health Department

County of Cumberland

Fayetteville, North Carolina 28302

April 23, 1971

[illegible]

[illegible]

Mr. Jerry C. Perkins
Sanitary Engineer
Insect & Rodent Control
Sanitary Engineering Division
State Board of Health
Raleigh, North Carolina

Dear Mr. Perkins:

Enclosed please find a plat plus grid map of a proposed landfill site now owned by Mr. W. D. Holt of Fayetteville, North Carolina, to possibly serve the City of Fayetteville as a sanitary landfill site. This site was observed by Mr. Fred Wood and the undersigned on April 21, 1971. Mr. Wood can furnish you with the particular information concerning this site.

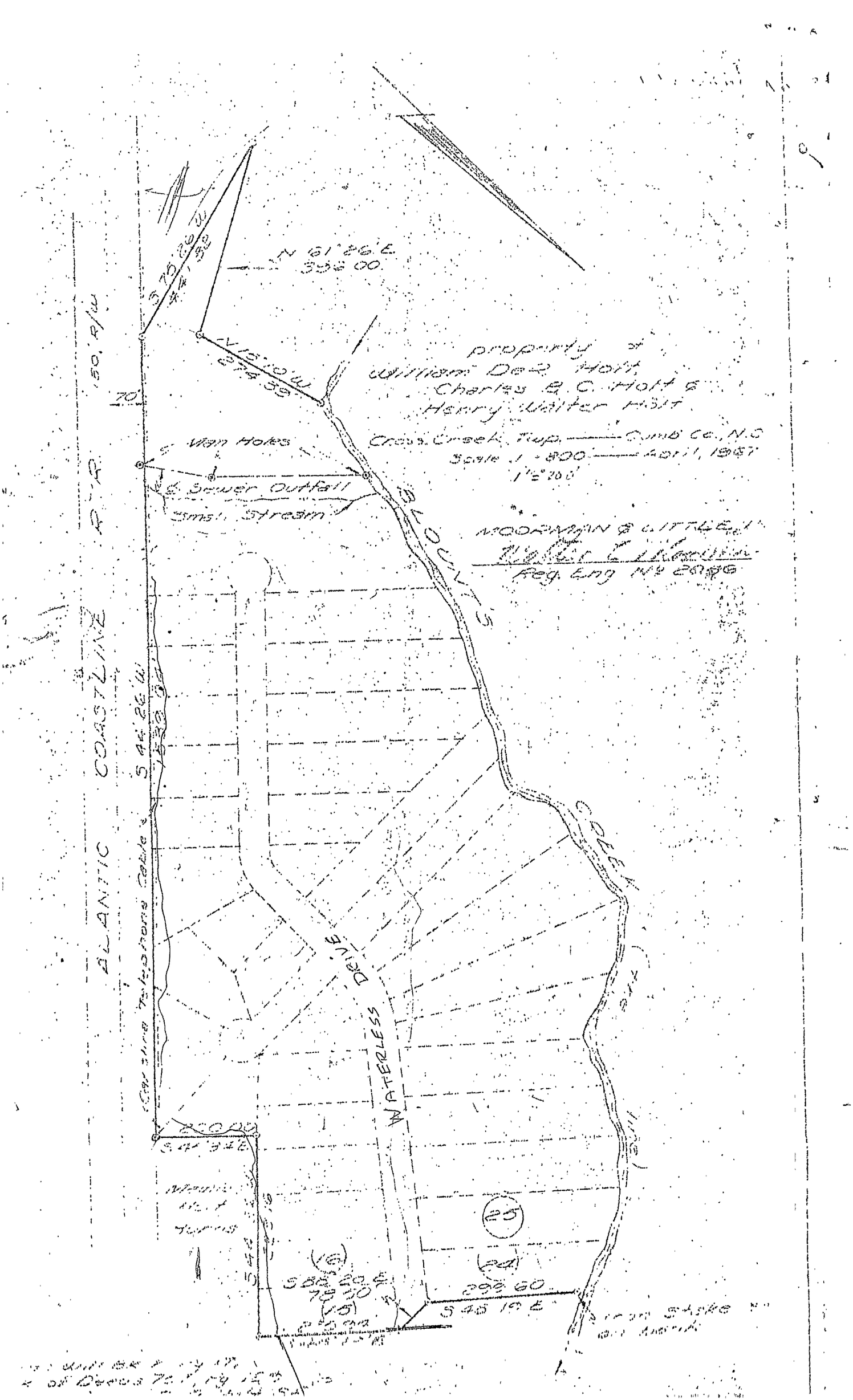
I am sure that additional information will be needed along with test hole borings, and if so, please advise and I will get results to you immediately.

Your prompt evaluation of this site will be greatly appreciated by all, and your cooperation, as always, is greatly appreciated.

Very truly yours,

Lacy Williams, Jr., R. S.
Director of Environmental Health

LWJr:jbr
Enclosures
cc: Mr. E. J. Edge, Jr.


property of
William DeR Holt
Charles B. C. Holt &
Henry Walter Holt
Cross Creek Twp. —— Cumb Co., N.C.
Scale 1" = 800' —— April, 1967
1" = 200'
MOORMAN & LITTLE
Reg. Eng No 2096
N 61°26' E
396.00
N 15°10' W
274.39
S 75°26' W
Man Holes
Sewer Outfall
Small Stream
BLOUNTS
CREEK
ATLANTIC COASTLINE R.R.
150' R/W
70'
S 44°26' W
Carolina Telephone Cable
WATERLESS DRIVE
S 44°34' E
S 88°20' E
78.50
S 45°19' E
299.60
25
24
16
15

April 15, 1970

RECEIVED

APR 16 1970

SANITARY ENGINEERING
DIVISION

Mrs. Mary Green
Route 1
Cameron, North Carolina

Dear Mrs. Green:

Reference is made to your property located at 1504 Odell Road, Spring Lake, North Carolina, and the insanitary condition caused by an overflowing sewer system which is a violation of state and county health regulations. The house is presently occupied by Mr. & Mrs. Rittenhouse and four children.

You are hereby advised to correct the above mentioned condition. It will be necessary for you to obtain a permit from this department prior to starting the repair work.

The above condition is considered a potential public health hazard, and must be corrected within fifteen (15) days of this date.

If this department may be of any assistance in this matter, please call on us at any time.

Very truly yours,

Joe P. Gladden
Sanitarian

JPG:jbr
cc: Mr. Sidney Usry
Mr. J. S. Canady

March 26, 1970

Dr. Carl Hammer, Health Director
Cumberland County Health Department
P. O. Box 470
Fayettoville, North Carolina 28302

Dear Dr. Hammer:

I am attaching a copy of the report prepared by Mr. Fred Wood in regard to proposed sanitary landfill sites in Cumberland County.

Very truly yours,

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

SU/mg

cc: Mr. Lacy Williams

STATE BOARD OF HEALTH
SANITARY ENGINEERING DIVISION
RALEIGH, NORTH CAROLINA

REPORT OF INVESTIGATION OR INSPECTION OF New Landfill Sites

Place visited Cumberland County Date March 17, 19 70

Address Fayetteville, North Carolina Time spent 6 hours

By whom Fred J. Wood, N. C. State Board of Health

Persons contacted Mr. Lacy Williams, San. Supvr.; Mr. Joe Gladden, San., Cumberland County Health Dept.
(Owner, agent, tenant, manager, other)

Reason for visit Request from Mr. Lacy Williams

Copies to: Dr. Carl Hammer, Health Director, Cumberland Co. Health Dept., Fayetteville, N.C.
Mr. Lacy Williams, Sanitarian Supvr., Cumberland Co. Health Dept., Fayetteville

REPORT:

At the request of Mr. Lacy Williams, San. Supvr., we visited the following areas to determine if they were suitable for use as sanitary landfill sites for the county.

The James A. Bridger Site -

This site is located just off Murchenson Road adjacent to the landfill now being operated by Morgan Sanitation Service. This site is a borrow pit 10 - 12 feet deep and appears to be excellent for a sanitary landfill operation. This pit can be brought to grade using the area method.

The Tart Site -

This site is located on County Road 1802 north of Wade. The trench method of operation is best suited for this site.

January 16, 1970

Dr. Carl Hammer, Health Director
Cumberland County Health Department
P. O. Box 470
Fayetteville, North Carolina 28302

Dear Dr. Hammer:

I am attaching the recommendations for the operation of the proposed landfill sites in Cumberland County.

Very truly yours,

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

SU/mg

cc: Mr. Lacy Williams

STATE BOARD OF HEALTH
SANITARY ENGINEERING DIVISION
RALEIGH, NORTH CAROLINA

REPORT OF INVESTIGATION OR INSPECTION OF New Landfill Sites

Place visited Cumberland County Date January 8 - 9, 1970

Address Fayetteville, North Carolina Time spent 2 days

By whom Mr. Fred Wood, R.S., District Sanitarian; Mr. O. W. Strickland, R.S., Dist. San., N. C. State Board of Health

Persons contacted Mr. Lacy Williams, San. Supvr.; Mr. Oscar Kennedy, San., Cumberland Co. Health Dept.
(Owner, agent, tenant, manager, other)

Reason for visit Request from Mr. Lacy Williams

Copies to: Dr. Carl Hammer, Health Director, Cumberland County Health Dept., Fayetteville
Mr. Lacy Williams, San. Supvr., Cumberland Co. Health Dept., Fayetteville, N. C.

REPORT:

Mr. Fred Wood, R.S., District Sanitarian; Mr. O. W. Strickland, R.S., District Sanitarian, N. C. State Board of Health; and Mr. Oscar Kennedy, Sanitarian, Cumberland County Health Dept., visited the following areas to determine if they were suitable for use as sanitary landfill sites.

Site #1 - Spring Lake

This site is now being used as a disposal site for the Town of Spring Lake and operated as an open dump with burning.

This is an excellent site for the operation of a sanitary landfill. The area method should be used as the topography is best for this type operation.

Site #2 - Murchenson Road

This is an excellent site for the operation of a sanitary landfill. The borrow pit can be filled by using the area method of landfilling. The water table is no problem and there is an adequate amount of cover material.

Site #3 - Hope Mills Site

Same as #2

Site #4 - Clifdale Site

Same as #2

Site #5 - Old Sand Plant

Same as #2

Site #6 - Fire Tower Site on Rd. #2297

This site has a high water table and the topography is so that trenches cannot be drained. The site can be used but more attention to the plan must be followed at this site. The area method must be used to prevent getting into the water table.

Site #7 - Tew Site

This is an excellent sanitary landfill site, the trench method of operation is best suited for this site.

July 13, 1972

Mr. C. L. Twine
County Manager
Cumberland County
Fayetteville, North Carolina

Dear Mr. Twine:

Your letter requesting that the State Board of Health approve a variance for the non-conforming solid waste disposal sites for Cumberland County has been discussed with the members of my staff. This agency will accept the proposals as specified and will expect that Cumberland County to be in full compliance with our regulations in accordance to the schedule established in your letter.

Very truly yours,

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

SHU:bm
cc: Mr. Terry F. Dover
Mr. Lacy Williams

COUNTY OF CUMBERLAND

Board of County Commissioners

FAYETTEVILLE, NORTH CAROLINA

LUTHER N. PACKER
VICE-CHAIRMAN

HECTOR E. RAY
CHAIRMAN

COMMISSIONERS
E. J. EDGE, JR.
J. MCN. GILLIS
BILLY D. HORNE

HEMAN R. CLARK
COUNTY ATTORNEY

C. L. TWINE
CLERK

June 29, 1972

RECEIVED
30,
SANITARY ENGINEERING
DIVISION

North Carolina State Board of Health
Sanitary Engineering Division
Solid Waste and Vector Control Section
Raleigh, North Carolina

SUBJECT: Request for variance of non-conforming solid waste disposal sites and facilities

Gentlemen:

In accordance with Section XIII, Rules and Regulations Providing Standards For Solid Waste Disposal, North Carolina State Board of Health, the following report is hereby submitted for necessary approval.

1. Cumberland County, as you know, is presently operating four small volume auxiliary landfill sites in remote rural communities. These sites are presently covered and maintained twice weekly without an attendant on duty at all times at three of these sites. A full time attendant is on duty at the Hope Mills site seven days per week. Sites have been in operation approximately two years and have served the needs for necessary community solid waste disposal. It is estimated that approximately 75% of the indiscriminate dumping that occured along the highways and by-ways of Cumberland County has ceased due to these sites being established. Maintenance has been performed under contract with privately owned equipment, with each site being covered twice weekly on a scheduled basis. It is anticipated that this county will purchase in the near future, equipment necessary to improve the present maintenance of these sites.

2. In addition to the four existing sites mentioned above, Cumberland County is hereby requesting authorization to immediately activate two additional sites. One will be in the Beaver Dam community and the other in the Linden community of Cumberland County. These areas are not now in convenient reach of a disposal facility. These two additional sites will provide convenient disposal facilities for the entire county. It is our opinion that the six small auxiliary disposal sites can be maintained in an acceptable manner with proper county owned equipment and a full time operator, or by contract with qualified privately owned grading contractor.

3. Cumberland County is hereby requesting the variances as outlined above in order that the present solid waste disposal program may continue until no later than July 1, 1974. On or before July 1, 1974, all solid waste disposal sites in and under the County of Cumberland will be operated in full

compliance with State Board of Health rules and regulations and all non-conforming sites will be phased out and closed.

The above request and report respectfully submitted for your review and approval.

Very truly yours,

C L Twine

C. L. Twine
County Manager

CLT:jbr

Cumberland County

SITE NUMBER	MILEAGE LANDFILL-SE-LANDFILL	TRAVEL TIME	AVERAGE MPH	LOADING TIME	LOADS PULLED PER WEEK
1	12	18	40	23	4
3	24	50	29	21	2
4	34	70	29	23	2
5	32	60	32	25	2
6	38	50	45	30	2
7	52	90	35	35	1
8	70	110	38	20	1
9	48	90	32	18	2
10	42	80	32	15	2
11	52	120	26	20	2
12	36	90	24	15	6
13	48	80	36	30	2
14	56	110	35	25	2
15	54	90	36	20	1
16	64	110	35	20	1
17	56	100	34	20	2
18	40	80	30	30	3
19	38	70	30	20	11
20	50	80	38	20	1
21	48	80	36	19	1
22	18	30	36	17	23

CUMBERLAND COUNTY
NORTH CAROLINA

PREPARED BY THE
NORTH CAROLINA STATE HIGHWAY COMMISSION
PLANNING AND RESEARCH DEPARTMENT
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

LEGEND

- COLLECTION AREA
- CONTAINER SITES
- LANDFILL SITE
- RUBBLE SITE

NOTE: MAP INCLUDES ONLY STATE MAINTAINED ROADS OR IMPORTANT NON-SYSTEM ROADS. MILEAGE NOT SHOWN ON FRONTAGE ROADS. ROADS SHOWN AS OF JAN. 1, 1972.

SCALE
0 1 2 3 4 MILES
0 0.5 1 MILE
SCALE FOR ENLARGEMENTS

POLYCONIC PROJECTION

SHEET 1 OF 2

COPIES OF THIS MAP ARE AVAILABLE TO THE PUBLIC AT A NOMINAL COST.
ADDRESS: MAPS, N. C. STATE HIGHWAY COMMISSION
RALEIGH, NORTH CAROLINA 27611

CUMBERLAND

MAINTENANCE MAP CUMBERLAND COUNTY NORTH CAROLINA 051

LEGEND
IMPASSABLE ROAD OR TRAIL
PRIMITIVE OR UNIMPROVED ROAD
GRADED AND DRAINED ROAD
SOIL, GRAVEL OR STONE SURFACED ROAD
HARD SURFACED ROAD
4 LANE UNDIVIDED HIGHWAY
DIVIDED HIGHWAY
HIGHWAY WITH FRONTAGE ROADS
F.C.A. FULL CONTROL ACCESS
FAI FEDERAL AID INTERSTATE ROAD
FAP FEDERAL AID PRIMARY ROAD
FAS FEDERAL AID SECONDARY ROAD
NS NON-SYSTEM ROAD
FAP PROJECTED LOCATION
INTERSECTION DISTANCE
TRAFFIC CIRCLE
HIGHWAY INTERCHANGE
DETAILED HIGHWAY INTERCHANGE
401 INTERSTATE HIGHWAY
1 U.S. NUMBERED HIGHWAY
105 N.C. NUMBERED HIGHWAY
1100 SECONDARY ROAD NUMBERS
RAILROAD, ANY NUMBER OF TRACKS USED BY SINGLE OPERATING COMPANY
RAILROAD, ANY NUMBER OF TRACKS USED BY MORE THAN ONE OPERATING COMPANY ON SAME OR ADJACENT RIGHTS-OF-WAY
RAILROAD STATION
GRADE CROSSING
UNDERPASS
OVERPASS
RAILROAD TUNNEL
ARMY, NAVY OR MARINE CORPS FIELD
COMM. OR MUNICIPAL AIRPORT
MARKED AUXILIARY FIELD
HANGAR ON FIELD "B" IN SYMBOL
DOCK, PIER OR LANDING
FREE OR TOLL FERRY
LIGHT, NAUTICAL
LIGHTHOUSE
COAST GUARD STATION
CANAL
NARROW STREAM
WIDE STREAM
DAM WITH LOCK
DAM
RESERVOIR, POND OR LAKE
5763 PROMINENT PEAK, NUMERALS INDICATE ELEVATION
ROAD THROUGH MOUNTAIN PASS
HIGHWAY BRIDGE, OVER 20 FT.
DRAW SPAN ON BRIDGE
HIGHWAY TUNNEL
FORD
STATE LINE
COUNTY LINE
CITY LIMITS
RESERVATION OR PARK BOUNDARY
INSET AREA
DELIMITED AREA, POPULATION EST.
COUNTY SEAT
OTHER TOWNS AND VILLAGES
TRIANGULATION STATION
INCORPORATED CITY OR VILLAGE, GENERALIZED
CHURCH
CHURCH WITH CEMETERY
SCHOOL
CORRECTIONAL OR PENAL INSTN.
STATE HIGHWAY GARAGE
HIGHWAY SUB-OFFICE
REST AREA

REVISED
1 — 1 — 62
1 — 1 — 64
1 — 1 — 66
1 — 1 — 68
1 — 1 — 70
1 — 1 — 72

KEY TO COUNTY ROAD NUMBERS
ALSO NUMBERS 1001, 1002, 1003, 1005, 1006

INSET ① FORT BRAGG MILITARY RESERVATION
INSET ② ROSLIN
INSET ③
INSET ④
INSET ⑤
INSET ⑥ STEDMAN POP. 505
INSET ⑦ WADE POP. 315
INSET ⑧ HOPE MILLS POP. 1,866
INSET ⑨ VANDER

FAYETTEVILLE POP. 53,200
SPRING LAKE POP. 3,969
GODWIN POP. 129
FALCON POP. 337 (CUMBERLAND CO. 337, SAMPSON CO.)
LINDEN POP. 205
WADE POP. 315
STEDMAN POP. 505
HOPE MILLS POP. 1,866
AUTRYVILLE
SOUTH FAYETTEVILLE POP. 5,411
EASTOVER
RHODES POND
BEAVERDAM CH.
EVERGREEN CH.
PETERS CREEK CH.
CEDAR CREEK
GRAYS CREEK
EPHCHURCHES POND
ROSLIN
VANDER

COUNTIES: MOORE, HARNETT, ROBESON, SAMPSON, BLADEN
RIVERS: LITTLE RIVER, CAPE FEAR RIVER, BLACK RIVER, WHITE OAK RIVER