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Division Waste Management
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Program IHS (IHS)
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North Carolina Department of Environment and Natural Resources
Division of Waste Management

Beverly Eaves Perdue
Governor

Dexter R. Matthews
Director

Dee Freeman
Secretary

1/28/2010

Mr. John Day
Cabarrus County Manager
PO Box 707
Concord, NC 28025

Subject: Pre-Regulatory Landfill Sites in Cabarrus County

Dear Mr. Day:

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

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

<u>ID Number</u>	<u>Site Name</u>	<u>Site Address</u>
NCD980502850 NONCD0000180	Cabarrus Disposal Dump Concord Landfill	Zion Church Rd, Concord 850 Warren Coleman Blvd, Concord
NONCD0000182	Charlotte Motor Speedway Landfill #1	Moorehead Rd, Concord
NONCD0000183	Charlotte Motor Speedway Landfill #2	Moorehead Rd, Concord
NONCD0000799 NONCD0000802	Arthur Allman dump Les Myers Park	3224 Poplar Tent Rd, Concord 338 Lawndale Ave Ext, Concord
NONCD0001028	Gurley Drive Landfill	292 Gurley Dr, Concord
NONCD0000178	Earnhardt Road Dump	Dickens Place, Kannapolis
NONCD0000797	Frank James Dump	6210 Hilltop Ave, Kannapolis
NONCD0000179	Fishertown Dump	Rome St, Kannapolis
NONCD0000195	Shew Refuse Disposal	Cal Bost Rd, Midland
NONCD0000181	Mount Pleasant Dump	Mount Pleasant Rd, Mount Pleasant

Work at these sites may be performed using the Unit's resources or through local government actions. The Unit has prioritized the sites statewide based on their threat to public health and the environment and will perform assessments and implement remedial actions based on this priority. Local governments may opt to perform the work at any time under the guidance of the Unit. Reimbursement of local government costs may be available for assessments and remedial actions to abate an imminent hazard as funds are available. The conditions for reimbursement include approval of the assessment and remediation plan by the Unit and certified accounting of costs. A document, *IHSB Guidelines for Addressing Old Landfills & Dumps*, was developed to assist local governments and the Unit in this work. It is available on our web site, http://wastenotnc.org/sfhome/IHSBRNCH_OldLandfills.HTM, for your review.

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

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

Sincerely,



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

cc: Dr. William Pilkington – Cabarrus County Health Director



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.

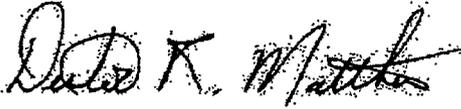
The only tool currently available to the State to ensure cleanup when it is needed is an enforcement action against those who owned, operated, or contributed to old landfills. The Governor's proposal would avoid placing an unreasonable

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,

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

Dexter R. Matthews, Director

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



North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

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

February 27, 2007

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

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

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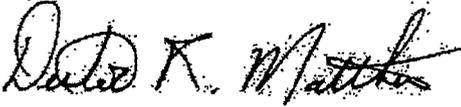
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There is great interest this session of the General Assembly in strengthening requirements for landfills permitted in North Carolina. I encourage you to take a close look at legislation that will be introduced, specifically this initiative and what 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 (919) 508-8450.

Sincerely,

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

Dexter R. Matthews, Director

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

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.



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. John D. Day
County Manager
PO Box 707
Concord, North Carolina 28026-0707

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

Dear Mr. Day,

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

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

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

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

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

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

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

Sincerely,

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

Cheryl Marks, Hydrogeologist
Inactive Hazardous Site Branch
NC Superfund Section

Old Landfill Inventory - Location Information

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

COUNTY: CABARRUS

Site Name:	CABARRUS CO LANDFILL	In IHS Inventory?	Yes
ID Number:	NCD980502843	Other Agency Lead	SWS
Site Address:	ADJ TO IRISH POT	NFA or NFA-Restricted Use?	No
City:		Unable to Locate	<input type="radio"/>

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

Directions: ADJ TO IRISH POTATO RD

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

Notes: PERMIT 13-01

(End Site Record)

Site Name:	CABARRUS DISPOSAL DUMP	In IHS Inventory?	Yes
ID Number:	NCD980502850	Other Agency Lead	
Site Address:	SR1152	NFA or NFA-Restricted Use?	No
City:	CONCORD	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.3295
State Plane Y:	Longitude:	-80.5773

Directions: SR 1152, 2MI S OF HWY 49. ALSO DESCRIBED AS 1642 OLD CHARLOTTE RD (MAY BE MAILING ADDRESS & NOT SITE ADDRESS)

		Present Within 1000 ft of Ldfl			
LDFL Size (Acres):	149	Church	No	Residence On Ldfl?	No
Property Size (Acres):	150	School	No	Potable Well Within 500 ft?	No
Date Open:	1964	Day Care	No	Adjoins Perennial SW?	No
Date Closed:	1970	Residential	No		

Notes: J. LEE PHARR OWNER IN 1975.

(End Site Record)

Site Name:	CHARLOTTE MOTOR SPEEDWAY LF#1	In IHS Inventory?	No
ID Number:	NONCD0000182	Other Agency Lead	SWS
Site Address:	SR 1300 & US 29 N	NFA or NFA-Restricted Use?	No
City:		Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.3546
State Plane Y:	Longitude:	-80.6932

Directions: SR 1300 & US 29 N

LDFL Size (Acres): 13 Property Size (Acres): 13 Date Open: Date Closed: 1977	Present Within 1000 ft of Ldfl		Residence On Ldfl? No Potable Well Within 500 ft? No Adjoins Perennial SW? No
	Church	No	
	School	No	
	Day Care	No	
	Residential	No	

Notes:

(End Site Record)

Site Name:	CHARLOTTE MOTOR SPEEDWAY LF#2	In IHS Inventory?	No
ID Number:	NONCD0000183	Other Agency Lead	SWS
Site Address:	SR 1300 & US 29 N	NFA or NFA-Restricted Use?	No
City:		Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.3546
State Plane Y:	Longitude:	-80.6932

Directions: SR 1300 & US 29 N

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:	1981	Day Care	No	Adjoins Perennial SW?	No
		Residential	No		

Notes:

(End Site Record)

Site Name:	CHARLOTTE MOTOR SPEEDWAY LF#3	In IHS Inventory?	No
ID Number:	NONCD0000185	Other Agency Lead	SWS
Site Address:	SR 1300 & US 29 N	NFA or NFA-Restricted Use?	No
City:		Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.3546
State Plane Y:	Longitude:	-80.6932

Directions: SR 1300 & US 29 N

LDFL Size (Acres):	62	Present Within 1000 ft of Ldfl		Residence On Ldfl?	No
Property Size (Acres):	62	Church	No	Potable Well Within 500 ft?	No
Date Open:		School	No	Adjoins Perennial SW?	No
Date Closed:		Day Care	No		
		Residential	No		

Notes: PERMIT # 13-01

(End Site Record)

Site Name:	CONCORD LANDFILL	In IHS Inventory?	No
ID Number:	NONCD0000180	Other Agency Lead	
Site Address:		NFA or NFA-Restricted Use?	No
City:	CONCORD	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	
State Plane Y:	Longitude:	0

Directions: SW OF CONCORD NEAR SEWAGE TREATMENT PLANT

LDFL Size (Acres):	1	Present Within 1000 ft of Ldfl			
Property Size (Acres):	8	Church	No	Residence On Ldfl?	No
Date Open:	1964	School	No	Potable Well Within 500 ft?	No
Date Closed:	1972	Day Care	No	Adjoins Perennial SW?	No
		Residential	No		

Notes:

(End Site Record)

Site Name:	DAVIDSON SANITARY LANDFILL	In IHS Inventory?	No
ID Number:	NONCD0000184	Other Agency Lead	
Site Address:	OFF HWY 73	NFA or NFA-Restricted Use?	No
City:	DAVIDSON	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.4014
State Plane Y:	Longitude:	-80.5809

Directions: OFF HWY 73, S OF DAVIDSON

LDFL Size (Acres):	60	Present Within 1000 ft of Ldfl		Residence On Ldfl?	No
Property Size (Acres):	120	Church	No	Potable Well Within 500 ft?	No
Date Open:	1962	School	No	Adjoins Perennial SW?	No
Date Closed:	1973	Day Care	No		
		Residential	No		

Notes:

(End Site Record)

Site Name:	EARNHARDT ROAD DUMP	In IHS Inventory?	No
ID Number:	NONCD0000178	Other Agency Lead	
Site Address:	SR 2126	NFA or NFA-Restricted Use?	No
City:	KANNAPOLIS	Unable to Locate	<input type="radio"/>
State Plane X:		Latitude:	35.4673
State Plane Y:		Longitude:	-80.5802
Directions:	SR 2126, S OF I-85 @ EARNHARDT INTERSECTION		

LDFL Size (Acres):	1	Present Within 1000 ft of Ldfl		Residence On Ldfl?	No
Property Size (Acres):	3	Church	No	Potable Well Within 500 ft?	No
Date Open:	1950	School	No	Adjoins Perennial SW?	No
Date Closed:	1970	Day Care	No		
		Residential	No		

Notes:

(End Site Record)

Site Name:	FISHERTOWN DUMP	In IHS Inventory?	No
ID Number:	NONCD0000179	Other Agency Lead	
Site Address:	ROME ST	NFA or NFA-Restricted Use?	No
City:	KANNAPOLIS	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.4971
State Plane Y:	Longitude:	-80.6603

Directions: ROME ST @ END OF RD OFF SR 1636 (CHARLESTON AVE), S OF KANNAPOLIS

LDFL Size (Acres):	1	Present Within 1000 ft of Ldfl			
Property Size (Acres):	2	Church	No	Residence On Ldfl?	No
Date Open:	1964	School	No	Potable Well Within 500 ft?	No
Date Closed:	1970	Day Care	No	Adjoins Perennial SW?	No
		Residential	No		

Notes:

(End Site Record)

Site Name:	GURLEY DRIVE LDFL	In IHS Inventory?	Yes
ID Number:	NONCD0001028	Other Agency Lead	
Site Address:	292 GURLEY DR	NFA or NFA-Restricted Use?	No
City:	CONCORD	Unable to Locate	<input type="radio"/>

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

Directions: 292 GURLEY DRIVE

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

Notes: RESIDENCES ADJOIN

(End Site Record)

Site Name:	MOUNT PLEASANT DUMP	In IHS Inventory?	No
ID Number:	NONCD0000181	Other Agency Lead	
Site Address:	SR 1006	NFA or NFA-Restricted Use?	No
City:	MT PLEASANT	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.4142
State Plane Y:	Longitude:	-80.4428

Directions: SR 1006, N OF MT PLEASANT 1 MI ON LFT

		Present Within 1000 ft of Ldfl			
LDFL Size (Acres):	10	Church	No	Residence On Ldfl?	No
Property Size (Acres):	20	School	No	Potable Well Within 500 ft?	No
Date Open:	1950	Day Care	No	Adjoins Perennial SW?	No
Date Closed:	1971	Residential	No		

Notes:

(End Site Record)

Site Name:	SHEW REFUSE DISPOSAL	In IHS Inventory?	No
ID Number:	NONCD0000195	Other Agency Lead	
Site Address:	SR 1143 W	NFA or NFA-Restricted Use?	No
City:		Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.8839
State Plane Y:	Longitude:	-81.6238

Directions: SR 1143 W

LDFL Size (Acres):	30	Present Within 1000 ft of Ldfl		Residence On Ldfl?	No
Property Size (Acres):	30	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: LARRY SHEW OPERATED

(End Site Record)

Number of Sites: 12 (End County Record)

November 6, 1979

Mr. Everett Calloway
Sanitary Supervisor
Cabarrus County Health Dept.
715 Cabarrus Ave., W.
Concord, North Carolina 28025

AWD
Dear Everett:

Sometime when you can make yourself available, I would like for you to give me assistance in investigating battery operations in Cabarrus County including the following:

- (1) Coy Huneycutt
970 Old Charlotte Rd.
telephone 786-5028
- (2) Billy W. Blackwelder
732 Old Charlotte Rd.
telephone

Call me when you can assist.

Thanks,

C. Richard Doby, Sr.
District Sanitarian for Solid &
Hazardous Waste Management
169-B Rosehaven Court, Concord, N.C. 28025

CRD:sms

*Cabarrus
Justice*

October 15, 1979

Mr. Kenneth Flowers
Route 3, Box 277
Irish Potato Road
Concord, North Carolina 28025

Dear Mr. Flowers:

Thank you for talking with me by telephone on October 9, 1979, regarding the littering of N.C. #73, Gold Hill Road, Irish Potato Road, and Lane Street in Cabarrus County, North Carolina. At this point, I am not certain of the cause; however, I am referring this complaint to Mr. Everett R. Calloway, Sanitarian Supervisor for Solid Waste, Cabarrus County Health Department for his review. We will investigate the roads in question and discuss the matter with private haulers using these waste collection routes.

We will certainly do what we can do to remedy this problem and would appreciate you letting us know if there continues to be a problem. My telephone number in Concord is (704) 788-4449.

Thank you for your concern.

Sincerely,

C. Richard Doby, Sr.
District Sanitarian
Solid & Hazardous Waste Management Branch
169-B Rosehaven Court
Concord, NC 28205

CRD:ms

cc: Mr. Everett Calloway
Mr. O. W. Strickland

*Cabarrus
Ave*

September 14, 1979

Mr. C. Richard Doby, Sr.
District Sanitarian for Solid &
Hazardous Waste Management
169-B Rosehaven Court
Concord, N. C. 28205

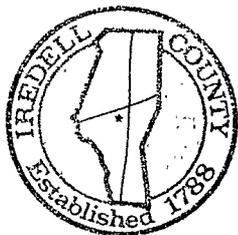
Dear Mr. Doby:

The material balance sheet on the filter cake submitted by N. L. Fasteners indicates that the waste has a very high concentration of heavy metals and is a hazardous waste. The filter cake must be disposed of in a permitted hazardous waste disposal facility.

Respectfully,

William L. Meyer, Environmental Engineer
Solid & Hazardous Waste Management Program
Sanitary Engineering Section

WLM:sms



IREDELL COUNTY

Statesville, North Carolina 28677

ADMINISTRATIVE OFFICES

August 13, 1979

Mr. Rick Doby
169 Rosehaven Court
Concord, NC 28025

Dear Rick,

I am attaching a copy of a letter I have received from NL Fasteners, Inc. in Statesville requesting permission to dispose of a filter cake material at the Iredell County Landfill. It is my understanding from reading the letter that this is considered a hazardous waste, and I do not believe we will be able to accept it. However, I did assure these people that I would first seek State approval; and if you would grant it then we allow them to dump it. If it is not acceptable, please notify me in writing.

If you need further information, please feel free to call upon me.

Sincerely yours,

IREDELL COUNTY ADMINISTRATIVE OFFICES

George W. Wooten
County Manager

GWV . af

Enclosure

NL Fasteners

August 10, 1979

Mr. George W. Wooten
County Manager
Post Office Box 788
Statesville, North Carolina 28677

Dear Mr. Wooten:

With reference to your phone call this morning in reply to my letter of August 8th, I am enclosing a copy of our projected filter-cake material balance sheet for your information.

I understand that state approval will be required before we can deposit our filter-cake in the county landfill and that you will forward this information to the state for a decision.

As I mentioned in my original letter, we would like to begin transporting material to the landfill as soon as possible and your help in receiving an early approval is certainly appreciated.

Very truly yours,

NL FASTENERS

Dixon Kilbourne
Dixon Kilbourne
Process Engineer

DK:jmw

cc: Don Locotosh
Harold Harmon

encl.

NL Fasteners/NL Industries, Inc.

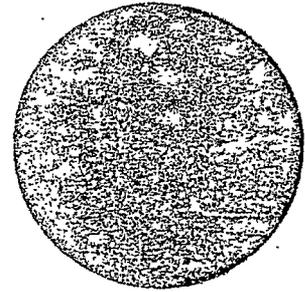
P.O. Box 1360, Statesville, N.C. 28677 Tel. (704) 873-7211

Warehouses: Chicago, Ill. 60639, 1800 N. Pulaski Rd Tel. (312) 227-4200

Dallas, Tex. 75207, 2119 Farrington St. Tel. (214) 748-8111

Los Angeles, Calif. 90040, 6465 Corvette St. Tel. (213) 723-4881

NL FASTENERS / DIVISION OF NL INDUSTRIES
STATESVILLE, N.C.



PROJECTED MATERIAL BALANCES

FILTER CAKE:

<u>COMPONENT</u>	<u>PPM</u>
Fe (OH) ₃	18,170
Cd (OH) ₂	8,772
Zn (OH) ₂	36,132
Cr (OH) ₃	25,272
Cu (OH) ₂	1,462
CaF ₂	6,475
Ca ₃ (PO ₄) ₂	66,207
CaCO ₃	80,201
Zn ₃ [Fe(CN) ₆] ₂	6,892
CN (amenable)	0.06
Cr ⁺⁶ =	0.06
Na	418
SO ₄	418
Cl	835
NO ₃	42
H ₂ O	<u>748,749</u>
	1,000,045.12

ROUND OFF ERROR = 0.004512%



BOARD

Cabarrus
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

AWTC

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

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

May 16, 1979

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

Mr. Frank Meachem
Housing & Community Development Dept.
City of Concord
P.O. Box 308
Concord, NC 28025



IN RE: Weed Killers & Pesticide into SCSCA Services, Inc. - IWP-145
Sumter County

Dear Mr. Meachem:

This office hereby grants approval for disposal of the above referenced waste at SCSCA Services, Inc., site near Pinewood, S.C. Approval is for approximately 3 (55 gallon) drums of old weed killer and pesticides as described.

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 City of Concord 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. City of Concord 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

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

/kk

cc: W. E. Stilwell
Capers Dixon
Jerry Perkins

Enclosure

Cabarrus
JPK

May 18, 1977

Mr. Robert G. Scharff
Pollution Control Manager
Mineral Research & Development Corp.
Route #1, Box 340
Concord, North Carolina 28025

Dear Mr. Scharff:

Your letter of May 9, 1977 addressed to Mr. Jerry Perkins, has been referred to me for reply.

Please refer to my letter addressed to you dated March 8, 1977 with reference to the same waste.

This office is in the process of establishing a hazardous waste program in accordance with PL 94-580.

Your company will be contacted as this program progresses.

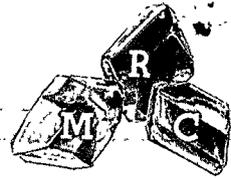
Sincerely,

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

OWS/tg

cc: Mr. C. Richard Doby, Sr.

**MINERAL RESEARCH
AND
DEVELOPMENT CORP.**



RT. 1, BOX 340

CONCORD, N. C. 28025

TELEPHONE (704)

May 9, 1977



Mr. Jerry Perkins
Hazardous Wastes Branch
N. C. Dept. of Environmental Resources
P. O. Box 27687
Raleigh, N. C. 27611

Dear Mr. Perkins

As I explained in our telephone conversation this afternoon, we expect to produce, beginning sometime during the last few months of this year, about 19-26 tons/year of a toxic inorganic waste containing 25-50% filter aid, with the balance (Ca 13 tons/yr) having approximately the analysis shown on the enclosed analysis report.

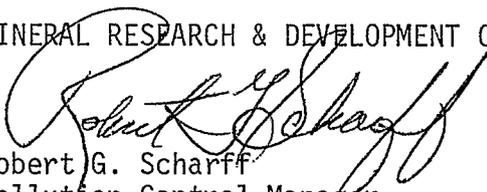
As I stated on the phone, we would like to consider doing our own disposal on our own property if this is feasible, and need to know if any permit applications need to be filed, and of course, reference to the proper procedures for encapsulation and for "secure" landfilling. Mr. O. W. Strickland of the Solid Waste Management Unit at the N. C. Dept. of Human Resources has written that they would also be receptive to these methods, if it could be worked out.

In addition to the waste from our wood preservative process described above, we are planning the construction of a unit to make arsenic acid to supply this process. We hope to start operating the unit about November, and I am now making our applications for the required permits. We expect that this new unit may generate a small amount of unreacted arsenic trioxide mixed with filter aid (the exact amount and percentage are not yet known), and I want to make sure that we are covered with any permit that may be required for disposal of this solid. I would like to suggest that this waste material, although somewhat different from that described in the first paragraph of this letter, is similar enough to it to warrant use of the same treatment and disposal procedures.

Many thanks for your help.

Yours very truly

MINERAL RESEARCH & DEVELOPMENT CORP.


Robert G. Scharff
Pollution Control Manager

RGS/jm

RESEARCH • CHEMICAL MANUFACTURING • MINING

Speed Message

Date Jan. 12. 1977

To C.S. Davis

From H J W

Subject CCA Sludge Analysis

As ₂ O ₅	=	35.38 %
CrO ₃ as hexavalent	=	21.85 %
CrO ₃ as Total	=	30.56 %
CuO	=	13.01 %
PbO ₂	=	5.89 %
Fe ₂ O ₃	=	3.70 %
Sb ₂ O ₃	=	2.99 %
SnO ₂	=	0.70 %
Acid insoluable	=	2.83 %
Water	=	3.39 %
Total	=	98.45 %

Signed HJM.

Wilson Jones

DIVISION OF SWINGLINE INC. • GRAYLINE FORM 44-500 2-PART
© 1974 • PRINTED IN U.S.A.

975



May 5, 1978



Mr. and Mrs. Wilson Jordan
1120 Edgewood Avenue
Kannapolis, North Carolina 28081

Dear Mr. and Mrs. Jordan:

Thank you for your April 25, 1978 letter and your environmental concern.

Your complaint has been referred to North Carolina's Department of Human Resources to make an investigation to determine if there is a violation of any State law and agency responsible for control.

As soon as this office has received a copy of North Carolina's report, we will contact you.

Please contact me if you have any additional questions.

Sincerely,

(signed)

William D. Holland
Environmental Protection Specialist

cc: Mr. Jerry Perkins, Head ✓
Solid Waste & Vector Control
Department of Human Resources &
Division of Health Services
Raleigh, North Carolina

Kannapolis N.C. 28081
April 25-1978

U.S. Environmental Protection Agency, ^{1088c}
Mr. James H. Scarborough, P.E.

Dear Sir:

I received a letter from you written July 12-1977. Concerning a small branch near my home. Until this time solid waste was dumped into this branch causing rats and mosquitoes. The front part was covered but there are drums and bath tub and many other things to hold water that was never moved or covered up. There is also another person that has changed the flow of the creek and is causing contamination to the water where animals live and where animal waste drains. According to law it is unlawful to change the flow of a stream such as this.

The state was very unconcerned when they investigated last year and the County Health Dept. says odor makes no difference and they couldn't be less concerned.

I hope you can see fit to help our community in this matter. It is very important to us. Hope to hear from you soon.

Sincerely, Mrs. L. W. Jordan

DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
SANITARY ENGINEERING SECTION

Cabarrus
JRK
sur

REPORT OF INVESTIGATION OR INSPECTION OF Small branch near Edgewood Avenue

Place visited 1100 Block of Edgewood Ave., Kannapolis, N. C. Date May 17, 1978

Address Edgewood Avenue, Kannapolis, North Carolina 28081 Time spent One (1) hour

By whom C. Richard Doby, Sr., District Sanitarian, Division of Health Services

Persons contacted No one
(Owner, agent, tenant, manager, other)

Reason for visit Request by O. W. Strickland, Supervisor, Solid Waste Management Unit, in response to letter from Mr. and Mrs. Wilson Jordan written to U. S. EPA.

Copies to: Mr. O. W. Strickland, Solid Waste & Vector Control Branch, P.O. Box 2091, Raleigh, N.C.
Mr. & Mrs. Wilson Jordan, 1120 Edgewood Avenue, Kannapolis, N. C. 28081
Mr. Everett Calloway, San. Supervisor, Cabarrus Co. Health Dept., Concord, N. C. 28025
Mr. William D. Holland, Environmental Protection Agency, 345 Courtland St., NE
Atlanta, Georgia 30308

REPORT:

A routine inspection of an unnamed branch near Edgewood Avenue, Kannapolis, North Carolina, was conducted by this office on May 17, 1978.

Discarded materials have been thrown in and around the creek behind Ervin Plumbing Company, 1101 Edgewood Avenue, Kannapolis, North Carolina, as reported on April 21, 1977, by DHS Form 1489, Investigation Report. Items include an old tub, bricks, bottles, boards, pipe, a water heater, etc. Water flow is somewhat restricted; however, the branch continues to flow. Some mosquito breeding is probable in the area.

CONCLUSION:

It is the opinion of the writer that due to inadequate zoning of this neighborhood, there exists an incompatibility among residential and business activities creating an atmosphere of discontent.

Finally, no waste disposal activities are being conducted in the area and activities of this office should be terminated.

CRDsr/wss

Cabarrus
SM

April 5, 1978

Mr. C. Harold Parker
Mineral Research & Development
Corporation
Route 8, Box 222
Concord, North Carolina 28025

Dear Mr. Parker:

Thank you for your inquiry of March 10, 1978. This office is involved in a survey of special waste problems originating at industrial sources. The survey is being conducted on a random sample basis. Preliminary results do not indicate By-product HCL as being generated in tank car quantities.

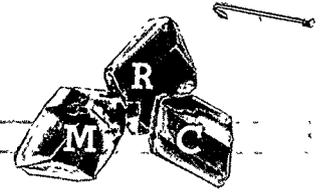
In the event newer information becomes available regarding your proposal, we will be happy to forward these results to you.

Yours very truly,

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

JCP:bm
cc: Mr. C. Richard Doby, Sr.

**MINERAL RESEARCH
AND
DEVELOPMENT CORP.**



RT. 8, BOX 222

CONCORD, N. C. 28025

TELEPHONE (704) 455-2161

March 10, 1978



Mr. Jerry Perkins
Hazardous Wastes Branch
N. C. Dept. of Environmental Resources
Raleigh, N. C. 27611

Subject: By-product HCL desired for re-cycling

Gentlemen

We are seeking multiple sources of supply for by-product HCL in tank-car quantities. I would appreciate it if you could review records of manufacturers in the area under your jurisdiction in an attempt to identify companies who might produce such material. Our company may be able to re-cycle such wastes and eliminate or reduce the need to dispose of them by neutralization or other such wasteful procedures.

To save you duplication of effort, I should mention that I am also contacting Waste Exchanges and Hazardous Waste Management Facilities within a reasonable shipping distance (750 miles) of our plant.

Many thanks for your assistance.

Yours very truly

MINERAL RESEARCH & DEVELOPMENT CORP.

C. Harold Parker

CHP/jm

c: CSD

Cabarrus
LD

February 27, 1978

Mr. Jerry Athey
Manager
Florida Steel Drum Company
Post Office Box 249
Harrisburg, North Carolina 28075

Dear Mr. Athey:

Thank you for your cooperation with Mr. Everett R. Calloway concerning the disposition of your sludge waste generated from painting operations.

As was discussed during our visit in January, a laboratory analysis is requested to complete the Hazardous Waste Survey conducted at your facility. If an analysis has already been made, may we please be furnished a copy in order to further complete our study? Also, it would be helpful to know the disposal alternative you have now chosen.

I would be happy to discuss this with you and consult with you in any way that would be helpful.

Thank you.

Sincerely yours,

C. Richard Doby, Sr.
District Sanitarian
405 Windsor Drive
Salisbury, North Carolina 28144

CRDsr/wss

cc: Mr. Everett R. Calloway

May 16, 1978

Mr. Everett Calloway
Director
Solid Waste & Vector Control Program
Cabarrus County Health Department
Post Office Box 1149
Concord, North Carolina 28025

Dear Everett:

On May 11, 1978, Mr. Gordon Layton, Environmental Engineer, Solid Waste & Vector Control Branch, and I met with Mr. Zado, Landfill Superintendent, to inspect and discuss the landfill operations.

I feel that Mr. Layton was pleased with daily operations as they were satisfactory, considering the heavy amounts of rain that have fallen recently.

We discussed several aspects of the operation including soil stabilization, erosion control on each section, and piping of the small stream in the draw between sections one (1) and two (2).

The peripheral slopes of section one (1) are eroding in areas where heavy run-off occurs; leaving exposed waste. Some leachate was detected seeping from the slopes. The top surface on table area of section one (1) is going to require some grading and filling in to allow surface run-off to flow in more directions and at a slower velocity. Vegetation is insufficient and proper soil stabilization is impossible to maintain.

Section two (2) slopes need stabilizing through vegetative cover. Mr. Layton and I discussed the possibility of excavating a pond-type structure with a brush siltscreen at the end of the draw to help trap the silt from these exposed slopes.

We also discussed the piping of the draw between sections (1) and (2) and feel that if the lease on this property is renewed that further consideration and study should be given to utilizing this area. This area would certainly serve the county for several years if it can be shown that the area is environmentally safe for a disposal area.

It is pertinent that immediate consideration be given to stabilizing the soil as described above. We have discussed this during previous official inspections and, of course, I can understand that your operating budget is slim; however, the county

Mr. Calloway
Page 2
May 16, 1978

must be aware that adequate erosion control and stabilization is required by law.

Please discuss this matter with Mr. Kilmas and your county officials and submit to this office a letter of intent on when all finished areas will be adequately stabilized to prevent erosion.

If I can be of any service to you at any time, please do not hesitate to contact me.

Sincerely,

C. Richard Doby, Sr.
District Sanitarian
405 Windsor Drive
Salisbury, North Carolina 28144

CRDsr/wss

cc: Mr. Albert J. Klimas

Cabarrus
JWR/C

April 3, 1979

Mr. Everett R. Callaway, Sanitation Supervisor
Cabarrus County Health Department
715 Cabarrus Avenue, West
P.O. Box 1149
Concord, North Carolina 28025

Dear Everett,

With reference to our discussion of April 2, 1979 concerning the proper disposal of tires, I will be forwarding you some additional information at a later date, but for the present, I make the following statement.

The disposal of tires in a sanitary landfill without pre-slicing or shredding, is not recommended by this agency. The tires will not compact, they will return to the surface if a piece of equipment passes over them many times. They are a source of landfill fire due to the trapping of air. If the tires are regulated out of the landfill, they become a public health problem due to the breeding of mosquitoes in water trapped in the tires.

A planned program for proper disposal of old tires is a part of good solid waste management.

Sincerely,

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

OWS:jk

cc: C. Richard Doby, Sr.

Cabarrus
SM

July 5, 1977

Mr. & Mrs. Wilson Jordan
1120 Edgewood Avenue
Kannapolis, NC 28081

Dear Mr. and Mrs. Jordan:

The attached report has been prepared by Mr. C. Richard Doby, Sr., District Sanitarian, following his investigation of your recent complaint to the U. S. Environmental Protection Agency concerning disposal of solid waste in a small branch off Edgewood Avenue, Kannapolis, North Carolina.

If this office can provide you additional information or assistance in this matter, please let us know.

Sincerely,

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

bm

Attachment

cc: Mr. C. Richard Doby, Sr.
Mr. James H. Scarbrough
Mr. Everett Calloway

June 23, 1977



Mr. & Mrs. Wilson Jordan
1120 Edgewood Avenue
Kannapolis, N.C. 28081

Dear Mr. & Mrs. Jordan:

Thank you for your letter dated June, 1977. Your concern for a cleaner environment for all is commendable.

The situation to which you refer does sound contrary to what I know the N.C. Department of Human Resources works toward, and condones.

The N.C. Department of Human Resources is the responsible agency for Solid Waste Management Activities and Vector problems. We are asking Mr. Jerry Perkins

Solid Waste & Vector Control
Dept. of Human Resources
Division of Health Services
P.O. Box 2091
Raleigh, N.C. 27602

to investigate your problem and report his findings and action to this office and you. We will furnish you a copy of his findings upon receipt.

The U.S. Environmental Protection Agency does not have regulatory authority over the disposal of municipal type wastes as our Agency name might imply.

Please contact me or my staff (Bill Holland 404-881-3016) if you have questions or feel your complaint does not receive sufficient attention.

Sincerely,

James H. Scarbrough
Chief
Residuals Management Branch

cc: JBenryPerkins
Bill Holland

4ATS:JScarbrough:lk:3016:6/23/77

Cabarrus
JSP

April 19, 1977

Mr. & Mrs. Wilson Jordan
1120 Edgewood Avenue
Kannapolis, NC 28081

Dear Mr. & Mrs. Jordan:

By copy of this letter, we are again asking Mr. C. Richard Doby, Sr., District Sanitarian, to investigate a refuse dump located on Haywood Avenue off Edgewood Avenue in Kannapolis to see if this office can be of assistance in alleviating the health hazard created by this dump.

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

Yours truly,

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

bm
cc: Mr. C. Richard Doby, Sr.

Kannapolis N.C.
April 15 - 1977



Mr. Jerry C Perkins

Dear Sir:

In reference to your letter on Jan. 19th. you stated that you were having Mr. C. Richard Doby Sr. to investigate a garbage dump off Edgewood Ave. on Haywood Ave. in Kannapolis N.C. There has not been anything done so far about this matter.

I would appreciate it if you would look into the matter and see why nothing has been done. And why Mr. Doby did not contact me as stated in your letter of Jan. 19th.

I am looking forward to hearing from you immediately as something has to be done now about this garbage dump. It is infested with rats and mosquitoes, as is the branch that being filled in with garbage.

Sincerely,

Mr + Mrs. Wilson Jordan
1120 Edgewood Ave.

Tabanus
ETK

January 19, 1977

e 37

Mr. & Mrs. Wilson Jordan
1120 Edgewood Avenue
Raleigh, NC 27601

Dear Mr. & Mrs. Jordan:

By copy of this letter, we are requesting that Mr. C. Richard Doby, Sr., District Sanitarian, investigate a refuse dump located on Haywood Avenue off Edgewood Avenue in Raleigh, North Carolina, to see if this office can be of assistance in alleviating the health hazard created by this dump.

This investigation is being done in response to the letter of January 17, 1977, from Congressman W. G. (Bill) Welner.

Mr. Doby will contact you at the time of his investigation. If this office can be of further assistance in this matter, please let us know.

Yours truly,

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

cc:

Mr. C. Richard Doby, Sr.
The Honorable W. G. (Bill) Welner

W. G. (BILL) HEFNER
8TH DISTRICT, NORTH CAROLINA

1004 LONGWORTH HOUSE OFFICE BUILDING
WASHINGTON, D.C. 20515
(202) 225-3715

COMMITTEES:
PUBLIC WORKS AND
TRANSPORTATION
VETERANS' AFFAIRS

Congress of the United States
House of Representatives
Washington, D.C. 20515

January 17, 1977

Mr. Sidney J. Usry, Head
Solid Waste Branch, Sanitary Engineering Section
Division of Health Services
N. C. Department of Human Resources
P. O. Box 2091
Raleigh, North Carolina 27602

Dear Mr. Usry:

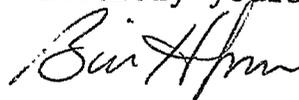
I have been contacted by Mr. and Mrs. Wilson Jordan of 1120 Edgewood Avenue in Kannapolis, North Carolina, concerning a health hazard created by a refuse dump located on Haywood Avenue, off Edgewood Avenue, in Kannapolis.

Mr. and Mrs. Jordan contend that this refuse dump creates a problem with rats and mosquitos, pollutes a nearby stream, and is the cause of several cases of hepatitis in the vicinity. I have advised Mr. and Mrs. Jordan that the matter appears to be one over which the Cabarrus County or State Health Departments would have authority and that, as a Member of Congress, I have no jurisdiction over such situations.

I would appreciate any assistance you might be able to render Mr. and Mrs. Jordan and the other residents of their community.

With all good wishes,

Sincerely yours,



Bill Hefner
Member of Congress

BH:c1

DISTRICT OFFICES:
2202 SOUTH CANNON BOULEVARD
KANNAPOLIS, NORTH CAROLINA 28081
(704) 933-1615

HOME SAVINGS AND LOAN BLDG.
507 WEST INNES STREET
SUITE 225
SALISBURY, NORTH CAROLINA 28144
(704) 636-0635

POST OFFICE BUILDING, ROOM 300
ROCKINGHAM, NORTH CAROLINA 28379
(919) 997-2070



Mailed from Raleigh Office
on April 25, 1977

DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
SANITARY ENGINEERING SECTION

CRD
Cabarrus
CR

REPORT OF INVESTIGATION OR INSPECTION OF Refuse Dump and Creek near Edgewood Ave.

Place visited Home of Mr. & Mrs. Wilson Jordan Date April 21 1977

Address 1120 Edgewood Avenue, Kannapolis, N. C. 28081 Time spent 4 hours

By whom C. Richard Doby, Sr., District Sanitarian, Division of Health Services

Persons contacted Mrs. & Mrs. Wilson Jordan, Complainant
(Owner, agent, tenant, manager, other)

Reason for visit Letter of Complaint from Mr. & Mrs. Wilson Jordan dated April 15, 1977

Copies to: Mr. & Mrs. Wilson Jordan, 1120 Edgewood Avenue, Kannapolis, NC 28081
Mr. Everett Calloway, Sanitarian Supervisor, Cabarrus County Health Department,
Concord, NC 28025

REPORT:

On April 21, 1977, this office conducted an official investigation of solid waste disposal near and in an unnamed branch which runs parallel to Edgewood Avenue, Kannapolis, N.C., and on Haywood Avenue owned by Mr. Eddie B. Durham, 1311 Lawrence Avenue, Kannapolis and Mr. W. J. Whitaker, 1202 Haywood Avenue, Kannapolis, N. C.

The investigation was in response to a letter of complaint from Mr. & Mrs. Wilson Jordan, 1120 Edgewood Avenue, Kannapolis, N. C. dated April 15, 1977. The Jordan's complaint letter referred to a refuse dump on nearby Haywood Avenue and waste placed in a nearby branch.

The investigation revealed discarded plumbing materials and cardboard on property of Irvin Plumbing Company, 1101 Edgewood Avenue, and refuse dumped into a nearby branch. Property owners were contacted and requested to move waste from these areas.

The investigation also revealed an open dump located on Haywood Avenue. Property owners in which the dump is located have been requested to take immediate action on removing or burying all household and/or commercial waste. Follow-up inspections will be conducted within a reasonable period of time.

CRD:bm

logged ✓ D Harrisville N.C.
June 1977
Environmental Protection Agency.
Dear Sir:

About two years ago
we complained to the Health
Dept. about solid waste
being dumped into an un-
marked Branch of water
about 500 feet from our
home and also solid waste
being dumped in the yard
of Don Shuns' Plumbing
Shop yard. This has caused
mosquitoes and rats to
raise so much that it
is impossible to sit
outside. The odor has
also been terrible at times.
We also notified the
State of Human Resources
in Raleigh and this was
on April 27-1977. They
we last heard from them.

as at the present time
nothing has been done.
They have bathtubs and
other containers that
have been used and
replaced that are in
the branch holding
stagnant water. The
Commodore and lavatories
as well as bathtubs
turned over in the
yard to cause rat
blens. In fact it's a
convenient dumping
ground with no regard
for the health of the
community.

I hope that I will
hear from you in regard
to this problem. As the
County or State has done
nothing

Sincerely,
Mr. & Mrs. William J. ...

3 -

We live in
Cabarrus County. We
Wonder why this
is ever called a
Health Dept. but
do as little as
possible about
such health problems.
We hope to hear from
you and if you
have a representative
in this section please
call on us.

Very sincerely



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET
ATLANTA, GEORGIA 30308

June 23, 1977



Mr. Jerry Perkins, Head
Solid Waste & Vector Control
Department of Human Resources
Division of Health Services
P. O. Box 2091
Raleigh, North Carolina 27602

Dear Mr. Perkins:

Enclosed is the complaint letter which we discussed by telephone June 23, 1977. Please investigate and let us know what the situation is and any action your office or Department may take to correct this apparent public health problem.

Thanks for your time and concern.

Sincerely,

Carol Smith, Secretary
for James H. Scarbrough, P.E.
Chief
Residuals Management Branch

Enclosure

DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
SANITARY ENGINEERING SECTION

REPORT OF INVESTIGATION OR INSPECTION OF Wilson Jordan Complaint

Place visited 1100 Block of Edgewood Ave., Kannapolis, NC Date June 29 1977

Address 1120 Edgewood Avenue, Kannapolis, NC 28081 Time spent 2 hours

By whom C. Richard Doby, Sr., District Sanitarian, Division of Health Services

Persons contacted Mrs. Donald Irvin, 1101 Edgewood Avenue; and Mr. & Mrs. Wilson Jordan, 1120 Edgewood Avenue
(Owner, agent, tenant, manager, other)

Reason for visit Wilson Jordan Complaint of Debris in Nearby Branch

Copies to: Mr. & Mrs. Wilson Jordan, 1120 Edgewood Avenue, Kannapolis, NC 28081
Mr. Everett Calloway, Sanitarian, Cabarrus County Health Department, Concord, NC 28025
Mr. James H. Scarbrough, Chief, Residuals Management Branch, Air & Hazardous Materials Division, 345 Courtland Street, NE, Atlanta, Georgia 30308

REPORT:

On June 29, 1977, an investigation was conducted by C. Richard Doby, Sr., District Sanitarian, concerning disposal of solid waste in a small branch off Edgewood Avenue, Kannapolis, North Carolina. Complaints of waste disposal and mosquito breeding were issued by Mr. & Mrs. Wilson Jordan, Kannapolis, North Carolina.

An investigation of the branch and refuse disposal by the Donald Irvin Company was conducted on April 21, 1977, and June 29, 1977. The final investigation reveals no health hazard being created on property owned by Mr. and Mrs. Donald Irvin or in and around the small branch which bisects the property. Several items have been discarded and pushed into the branch; however, not to impede the continual flow of water.

RECOMMENDATIONS:

1. The branch area should be included in the Cabarrus County Health Department's routine mosquito control program so as to minimize mosquito breeding in natural swampy areas.
2. All property owners should remove discarded items from the branch to help improve the esthetics of the community.

CONCLUSION:

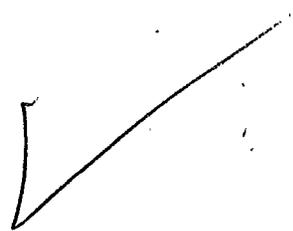
It is the opinion of the writer that due to inadequate zoning of this neighborhood there exists an incompatibility among residential and business activities creating an atmosphere of discontent.

Finally, no waste disposal activities are being conducted in the area and activities of this office should be terminated effective June 29, 1977.

CRD:bm

Cabarrus

LTR



April 25, 1977

Mr. Donald Irvin
Donald Irvin Plumbing Company
1101 Edgewood Avenue
Kannapolis, NC 28081

Dear Mr. Irvin:

Thank you for speaking with me on April 21, 1977, regarding the disposal of solid waste on your property at 1101 Edgewood Avenue.

To confirm our A.M. conversation, this office requests immediate action be taken on the followings:

1. Discontinue burning of solid waste on your property.
2. Provide sanitary and adequate storage facility for discarded waste and salvage materials.
3. Provide routine waste collection and disposal of waste in an approved sanitary landfill.
4. Remove discarded household and/or commercial waste from property and from branch if ownership extends to this point and dispose of removed waste in an approved landfill.
5. Notify Cabarrus County Health Department officials upon compliance of above recommendations.

I am enclosing a copy of the Division of Health Services "Solid Waste Management Rules". Please note Sections .0104, Solid Waste Storage, and .0107, Disposal of Solid Waste.

Thank you in advance for your cooperation.

Sincerely,

C. Richard Doby, Sr., District Sanitarian
405 Windsor Drive, Salisbury, N.C. 28144

CRD:bm

Enclosure

cc: Mr. Everett Calloway

Cabarrus
AR

April 13, 1977

Mr. Elmer Deal
2500 Moose Road
Route #1, Box 298
Kannapolis, North Carolina 28081

Dear Mr. Deal:

This is to confirm our conversation of April 4, 1977 regarding tires deposited on your property on Moose Road and received from the property of Mr. Gene Holbrook, U.S. Highway 29-A, North Kannapolis, North Carolina.

It is requested that all tires be buried and covered with 8-10 feet of clean earth to prevent resurfacing of the tires.

It is also requested that the entire fill area of your disposal site be covered and planted with grass or other native vegetation suitable for erosion control. The perimeter of the site should be ditched to prevent surface waters from flowing through the tires and no further waste should be received at this site.

Operating a disposal site in North Carolina without written approval from this office constitutes a violation of the North Carolina Solid Waste Management Rules.

A final inspection for compliance will be conducted in 30 days.

Thanking you in advance for your cooperation.

Sincerely yours,

C. Richard Doby, Sr.
District Sanitarian
Western Regional Office
Salisbury, N. C. 28144

CRD/tg

cc: Mr. Glen Blanton

Enclosure

✓ J. Sbarra
LTK

March 8, 1977

Mr. Robert G. Scharff
Pollution Control Manager
Mineral Research & Development Corp.
Route #1, Box 340
Concord, N. C. 28025

Dear Mr. Scharff:

Your letter of February 17, 1977 with reference to the disposal of a toxic solid inorganic waste has been received.

The waste composition has been discussed with Dr. R. J. Drye, Environmental Sciences, Laboratory Section, Division of Health Services.

We would be receptive to encapsulation in cement or plastic followed by land burial if it could be worked out.

You may want to contact the Carboxundum Company and investigate chemical fixation. I am enclosing a card from the company, as they have done some work in North Carolina.

Please let us discuss with you any method you consider prior to a final decision.

You might also want to contact Rollins Environmental Service, One Rollins Plaza, Wilmington, Delaware 19899. Telephone - 302-658-8541, as they provide some service in North Carolina.

Sincerely,

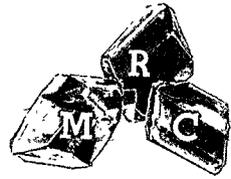
O. W. Strickland, Supervisor
Solid Waste Management Unit
Solid Waste & Vector Control Branch
Sanitary Engineering Section

OWS/tg

Enclosure

cc: Mr. C. Richard Doby, Sr.
Mr. Everett R. Calloway

MINERAL RESEARCH AND DEVELOPMENT CORP.



RT. 1, BOX 340

CONCORD, N. C. 28025

TELEPHONE (704) 455-2161

February 17, 1977

Mr. O. W. Strickland, Supervisor
Solid Waste Management Unit
N. C. Dept. of Human Resources
P. O. Box 209
Raleigh, N. C. 27602



Dear Mr. Strickland

We are in need of advice on methods of disposal for a toxic solid inorganic waste expected to be produced during the coming year.

This material will contain between 25 - 50% filter aid, with the balance having approximately the analysis shown on the attached analysis report. The total annual production of "toxic ingredients" is expected to be about 13 tons, so the gross amount of waste should be between 19 - 26 tons/yr.

I am already aware that this waste cannot be disposed of in our county landfill or buried in open disposal on our own property. I also understand that the new Resource Conservation & Recovery act will require privately operated toxic waste disposal sites be closed soon in the five states where they are now operated. Recovery and re-use of the components of this mixture is not a practical option because the complexity of the mixture and number of recovery steps required, make recovery cost quite prohibitive.

I would appreciate your suggestions on available means of disposal, including your advice on the following ideas:

- (1) Precipitation as insoluble sulfides, followed by land burial.
- (2) Encapsulation in cement, followed by land burial.
- (3) Encapsulation in plastic, followed by land burial.

We are also attempting to contact private disposal services, metallurgical refiners and materials exchange services. Other than those listed here, we know of no other approaches to this problem.

Yours very truly

MINERAL RESEARCH & DEVELOPMENT CORP.


Robert G. Scharff
Pollution Control Manager

RGS/jm

RESEARCH • CHEMICAL MANUFACTURING • MINING

Speed Message

Date Jan. 12, 1977

From H J W

To C.S. Davis

Subject CCA Sludge Analysis

As_2O_5 = 35.38 %

CrO_3 as hexavalent = 21.85 %

CrO_3 as Total = 30.56 %

CuO = 13.01 %

PbO_2 = 5.89 %

Fe_2O_3 = 3.70 %

Sb_2O_3 = 2.99 %

SnO_2 = 0.70 %

Acid insoluble = 2.83 %

Water = 3.39 %

Total = 98.45 %

Signed HJM.

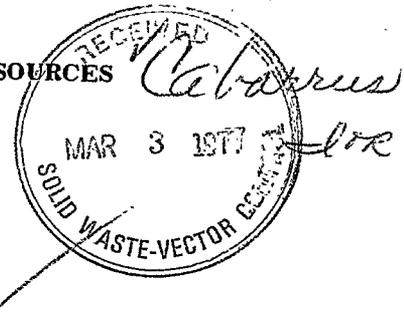
Wilson Jones

DIVISION OF CHINGLINE INC. • DAYLINE FORM 44-500 2-PART
© 1974 • PRINTED IN U.S.A.

875



NORTH CAROLINA DEPARTMENT OF NATURAL AND ECONOMIC RESOURCES
OFFICE OF WATER AND AIR RESOURCES
Water Quality Division
P. O. Box 27687
Raleigh, North Carolina 27611



REPORT OF Complaint Investigation
Place visited E. L. Van Poole residence Date Feb. 23, 19 77
Address 303 Knollwood Drive, Kannapolis, N. C. River Basin Yadkin
By Whom David T. Adkins Time Spent 2 hours
Persons Contacted Mr. Edwin L. Van Poole
Reason for Visit Complaint of pollution in stream

Copies to: Mr. Robert A. Carter
Mr. O. W. Strickland
Mr. Albert Klimas

REPORT:

This follow-up was requested by Mr. Van Poole in an effort to enlist State assistance in the problem of solid waste being dumped in a stream behind his home. This Office has worked with Mr. Everett Calloway of the Cabarrus County Health Department in an effort to resolve this problem. Some progress has been made, with the situation now being delayed by the fact the owner of the property littered with solid waste is not a resident of Cabarrus County.

The land joining Mr. Van Poole's property is low income rental property. The tenants deny knowing the persons responsible for dumping the solid waste. The area is littered with broken glass, plastic containers, and other solid waste from homes. This area could easily turn into a serious health hazard for the residents of the area, if it is not corrected.

Should Mr. Calloway be unable to instigate action to correct this problem at the local level, it is recommended the Solid Waste and Vector Control Section of the Department of Human Resources in Raleigh be contacted to help resolve this problem.

March 1, 1977

Mr. Boyce Hathcock
c/o Crossroads Tire Service
Midland, N. C. 28107

Dear Mr. Hathcock:

This is to confirm our conversation of February 22, 1977, concerning the disposal of passenger tires at your business in Midland, North Carolina.

It is requested that all discarded tires be removed from your property and deposited in a state approved sanitary landfill no later than May 1, 1977, or preferably before the mosquito breeding season begins. Local ordinances regarding the disposal of tires in approved landfills must be complied with. Also, please provide Mr. Everette Galloway, Sanitarian Supervisor with the ✓ Cabarrus County Health Department, a routine storage and disposal plan as was discussed last Tuesday.

JR
Thanking you in advance for your cooperation.

Yours truly,

C. Richard Doby, Sr.
District Sanitarian
405 Windsor Drive
Western Regional Office
Salisbury, N. C. 28144

CRD/tg

Cabarrus
C.R.



STATE OF NORTH CAROLINA

DEPARTMENT OF HUMAN RESOURCES

Division of Health Services

JAMES B. HUNT, JR.
GOVERNOR

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

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

P. O. Box 2091

Raleigh 27602

January 28, 1977

G. B. Laboratories
P. O. Box 190
Harrisburg, N. C. 28075

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.

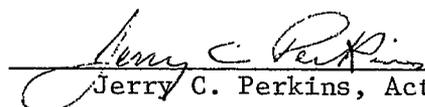
Your assistance is needed to provide the Solid Waste & Vector Control Branch, Division of Health Services, with information on the present status of the management, volume, and composition of these type wastes in North Carolina. This information is needed to develop an orderly and reasonable implementation 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. C. Richard Doby, Sr.

DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
SANITARY ENGINEERING SECTION

out

REPORT OF INVESTIGATION OR INSPECTION OF Gene Holbrooks' Refuse Dump

Place visited Gene Holbrooks' Refuse Dump Date January 27 19 77

Address Haywood Avenue, Kannapolis, N. C. Time spent 2 hours

By whom Everett Calloway, Sanitarian Supervisor, Cabarrus County Health Department; and
C. Richard Doby, Sr., District Sanitarian, Division of Health Services

Persons contacted Mr. Gene Holbrooks by Mr. Everett Calloway
(Owner, agent, tenant, manager, other)

Reason for visit Complaint follow-up investigation

- Copies to: Mr. & Mrs. Wilson Jordan, 1120 Edgewood Avenue, Kannapolis, N. C. 28081
The Honorable W. G. (Bill) Hefner, U.S. House of Representatives, 1004 Longworth
House Office Building, Washington, D.C. 20515
Mr. Everett Calloway, Sanitarian Supervisor, Cabarrus County Health Department,
P. O. Box 1149, Concord, N. C. 28025
Mr. W. J. Whitaker (c/o of Mr. Everett Calloway)

REPORT:

This investigation report is in response to a complaint letter dated January, 1977, concerning a refuse dump owned and operated by Mr. Gene S. Holbrooks, Home Realty Company, 928 South Main Street, Kannapolis, North Carolina. The complaint letter was written to the Honorable W. G. (Bill) Hefner by Mr. and Mrs. Wilson Jordan, 1120 Edgewood Avenue, Kannapolis, North Carolina 28081.

Mr. Everett Calloway, Sanitarian Supervisor, Cabarrus County Health Department, made me aware of the unauthorized disposal site on January 11, 1977, and explained that he had addressed the problem by sending a registered letter to Mr. Holbrooks ordering the refuse dump be cleaned up. Since the order was issued by Mr. Calloway, ownership of the property on which the dump is located has been transferred to Mr. W. J. Whitaker of Kannapolis. Mr. Calloway has assured this office that the new owner has immediate plans to remove or cover all waste on the site.

A follow-up visit to the refuse site will be made by this office. Compliance will be expected within a reasonable period of time.

CRD:bm

P.O. Box 1149

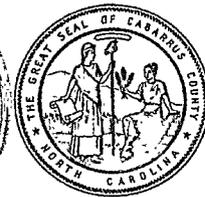
Concord, North Carolina 28025

Area Code 704 / 786-8121

Cabarrus County Health Department

JRK

ALBERT J. KLIMAS, M.S.P.H., *Director*



October 7, 1976

Mr. Jerry Perkins
Solid Waste & Vector Control Branch
Sanitary Engineering Section
Division of Health Services
North Carolina Department of Human Resources
Raleigh, North Carolina

Dear Jerry:

Enclosed are the mosquito control monthly reports for July, August and September 1976. As you can see on the July report this department was instrumental in the installation of about 42,000 feet of drainage pipe in the city of Concord. This really helped solve one of the worst breeding areas in Cabarrus County. Also this summer we had an additional four men through the month of September. We arranged to get these men through CEIA and other Federal Agencies. By getting these men we were able to do a more thorough job for a longer period of time this summer. Also an additional benefit was that the county or the state did not have to put out any funds for these personnel. If you need any additional information for these reports please feel free to contact me.

Looking forward to seeing you and your staff at the North Carolina Mosquito Control Association Meeting in Atlantic Beach.

Sincerely,

Everett R. Calloway
Supervisor Solid Waste & Vector Control
Cabarrus County Health Department

R. Hester

DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
SANITARY ENGINEERING SECTION

REPORT OF INVESTIGATION OR INSPECTION OF Denny's Recapping Service

Place visited Denny's Recapping Service Date January 27 1976

Address P.O. Box 51, 1901 S. Main Street, Kannapolis, N. C. Time spent 1 hour

By whom Everett Calloway, Sanitarian, Cabarrus County Health Department; and C. Richard Doby, Sr., District Sanitarian, Division of Health Services

Persons contacted None
(Owner, agent, tenant, manager, other)

Reason for visit Follow-up Investigation of Complaint to Governor Holshouser - Control No. 5357

Copies to: Mr. & Mrs. Whitford Donehue, 107 Crescent Street, Kannapolis, N. C. 28081
Mr. G. C. Denny, P. O. Box 51, Kannapolis, N. C. 28081
Mr. Everett Calloway, Sanitarian, Cabarrus County Health Department, Concord, N.C. 28025

- (2) Mr. David T. Flaherty, Secretary, N. C. Department of Human Resources
- ✓ Dr. Jacob Koomen, Director, Division of Health Services

REPORT: Mr. Marshall Staton, Chief, Sanitary Engineering Section, Div. of Health Services

On January 9, 1976, Mr. Everett Calloway and I investigated the storage of used auto and truck tires at Denny's Recapping Service, 1901 South Main Street, Kannapolis, North Carolina. This initial investigation was conducted subsequent to a complaint to Governor Holshouser's office by a local resident regarding storage of used tires adjacent to the company's property

Our investigation at Denny's Recapping Service revealed improper storage of several thousand used tires, many on the Crescent Street right-of-way. Mr. Denny agreed to remove all of the tires from the Crescent Street right-of-way within a period of one (1) week. It was recommended in my report of January 9, 1976, that in addition to removing tires from the right-of-way, that unusable tires be sliced and carried to the Cabarrus County landfill. It was also recommended that tires be stored in an area where rain water cannot remain in the tires for prevention of mosquito breeding.

Mr. Calloway and I made a final follow-up investigation of Denny's Recapping Service on January 27, 1976. Many of the tires have been moved in an open field behind the plant structure; however, several hundred tires remain on the right-of-way. Most all of the tires are stored with no protection from rain. Recommendations in the January 9, 1976, report were not followed.

CONCLUSION:

Improper storage of used tires by Denny's Recapping Service on the Crescent Street right-of-way is continuing to create an impairment of safe traffic flow as vehicles are not able to pull off the street for loading and unloading. Improper storage of tires will continue to create a mosquito breeding area if rain water is allowed to remain in the tires. The storage area continues to be very unsightly to the neighborhood.

RECOMMENDATIONS:

It is recommended that the N. C. Department of Transportation, Raleigh, North Carolina, be submitted with all reports and information regarding the complaint and investigation of the

storage of tires on the Crescent Street right-of-way by Denny's Recapping Service. The Department of Transportation may accurately make a judgment as to the extent of storage on the right-of-way. Recommendations made in my report of January 9, 1976, should also be complied with.

CRD:bm

DRAFT
February 3, 1976

Cabarrus
LR

Mr. & Mrs. Whitford Donahue
107 Crescent Street
Kannapolis, North Carolina 28081

Re: Control No. 53573

Dear Mr. & Mrs. Donahue:

On January 27, 1976, Mr. C. Richard Doby, Sr., District Sanitarian, Division of Health Services, re-inspected Denny's Recycling Service, Kannapolis, North Carolina, to see if Mr. G. G. Denny had removed the tires from the Crescent Street right-of-way as agreed in our previous report of January 9, 1976. The inspection revealed that the tires had not been removed (see attached report). Therefore, by copy of this letter I am requesting that the Department of Transportation investigate the storage of tires on the Crescent Street right-of-way in Kannapolis, North Carolina. I am also requesting that the Division of Health Services continue inspections of this firm to determine compliance with their recommendations of the previous report.

We appreciate your concern in the above matter and we will do all we can to correct the situation.

Sincerely,

James E. Welshouzer, Jr.

bn

Attachment

cc: Mr. G. G. Denny
Mr. Everett Galloray
Mr. C. Richard Doby, Sr.
Mr. David T. Flaherty (2)
Mr. Marshall Staton
Dr. Jacob Koonen
Department of Transportation

APPROVED

James F. Staton
Marshall Staton, Chief
Sanitary Engineering Section

DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
SANITARY ENGINEERING SECTION

REPORT OF INVESTIGATION OR INSPECTION OF Denny's Recapping Service

Place visited Denny's Recapping Service Date January 27 19 76

Address P.O. Box 51, 1901 S. Main Street, Kannapolis, N. C. Time spent 1 hour

By whom Everett Calloway, Sanitarian, Cabarrus County Health Department; and C. Richard Doby, Sr., District Sanitarian, Division of Health Services

Persons contacted None
(Owner, agent, tenant, manager, other)

Reason for visit Follow-up Investigation of Complaint to Governor Holshouser - Control No. 53573

Copies to: Mr. & Mrs. Whitford Donehue, 107 Crescent Street, Kannapolis, N. C. 28081
Mr. G. C. Denny, P. O. Box 51, Kannapolis, N. C. 28081
Mr. Everett Calloway, Sanitarian, Cabarrus County Health Department, Concord, N.C. 28025
(2) Mr. David T. Flaherty, Secretary, N. C. Department of Human Resources
Dr. Jacob Koomen, Director, Division of Health Services
REPORT: Mr. Marshall Staton, Chief, Sanitary Engineering Section, Div. of Health Services

On January 9, 1976, Mr. Everett Calloway and I investigated the storage of used auto and truck tires at Denny's Recapping Service, 1901 South Main Street, Kannapolis, North Carolina. This initial investigation was conducted subsequent to a complaint to Governor Holshouser's office by a local resident regarding storage of used tires adjacent to the company's property.

Our investigation at Denny's Recapping Service revealed improper storage of several thousand used tires, many on the Crescent Street right-of-way. Mr. Denny agreed to remove all of the tires from the Crescent Street right-of-way within a period of one (1) week. It was recommended in my report of January 9, 1976, that in addition to removing tires from the right-of-way, that unusable tires be sliced and carried to the Cabarrus County landfill. It was also recommended that tires be stored in an area where rain water cannot remain in the tires for prevention of mosquito breeding.

Mr. Calloway and I made a final follow-up investigation of Denny's Recapping Service on January 27, 1976. Many of the tires have been moved in an open field behind the plant structure; however, several hundred tires remain on the right-of-way. Most all of the tires are stored with no protection from rain. Recommendations in the January 9, 1976, report were not followed.

CONCLUSION:

Improper storage of used tires by Denny's Recapping Service on the Crescent Street right-of-way is continuing to create an impairment of safe traffic flow as vehicles are not able to pull off the street for loading and unloading. Improper storage of tires will continue to create a mosquito breeding area if rain water is allowed to remain in the tires. The storage area continues to be very unsightly to the neighborhood.

RECOMMENDATIONS:

It is recommended that the N. C. Department of Transportation, Raleigh, North Carolina, be submitted with all reports and information regarding the complaint and investigation of the

storage of tires on the Crescent Street right-of-way by Denny's Recapping Service. The Department of Transportation may accurately make a judgment as to the extent of storage on the right-of-way. Recommendations made in my report of January 9, 1976, should also be complied with.

CRD:bm

CK
DRAFT
January 13, 1976

Cabarrus
JTR

Mr. & Mrs. Whitford Donehue
107 Crescent Street
Kannapolis, North Carolina 28081

Re: Control No. 53573

Dear Mr. & Mrs. Donehue:

The attached report has been prepared by Mr. C. Richard Doby, Sr., District Sanitarian, Division of Health Services, following his investigation of your recent complaint concerning Denny's Recapping Service, Kannapolis, North Carolina.

As shown in the report, Mr. G. C. Denny, Owner, Denny's Recapping Service, has agreed to have all the tires from the Crescent Street right-of-way removed within one week. Mr. Doby will make a final inspection of Denny's Recapping Service within ten days to see if the tires have been removed as agreed.

If this office can provide you additional information or assistance in this matter, please feel free to call on me.

Sincerely,

James E. Holshouser, Jr.

bm

Attachment

cc: Mr. G. C. Denny
Mr. Everett Calloway
Mr. C. Richard Doby, Sr.
Mr. David T. Flaherty (2)
Mr. Marshall Staton
Dr. Jacob Koomen

DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
SANITARY ENGINEERING SECTION

REPORT OF INVESTIGATION OR INSPECTION OF Denny's Recapping Service

Place visited Denny's Recapping Service Date January 9 1976

Address P. O. Box 51, 1901 S. Main St., Kannapolis, N.C. 28081 Time spent 4 hours

By whom Everett Calloway, Sanitarian, Cabarrus County Health Department; and C. Richard Doby, Sr., District Sanitarian, Division of Health Services

Persons contacted Mr. & Mrs. Whitford Donehue, 107 Crescent St., Kannapolis, N. C. 28081; and Mr. G. C. Denny, Owner, Denny's (Owner, agent, tenant, manager, other) Recapping Service

Reason for visit Follow-up Investigation of Complaint to Governor Holshouser
Control No. 53573

Copies to: Mr. & Mrs. Whitford Donehue, 107 Crescent Street, Kannapolis, N. C. 28081
Mr. G. C. Denny, P. O. Box 51, Kannapolis, N. C. 28081
Mr. Everett Calloway, Sanitarian, Cabarrus County Health Department, P. O. Box 1149
Concord, N. C. 28025
(2) Mr. David T. Flaherty, Secretary, Department of Human Resources, Raleigh, N. C.
Mr. Marshall Staton, Chief, Sanitary Engineering Section, Div. of Health Services

REPORT:

On January 9, 1976, Mr. Everett Calloway, Sanitarian, Cabarrus County Health Department, and I investigated the storage of used auto and truck tires at Denny's Recapping Service, 1901 South Main, Kannapolis, N. C. Our investigation was conducted subsequent to a complaint to Governor Holshouser's office by a local resident regarding storage of used tires adjacent to the company's property.

Our investigation revealed that Denny's Recapping Service located on the corner of 1901 South Main Street and Crescent Street, Kannapolis, North Carolina, has stored several thousand used tires on the Crescent Street side of the company's building. It appeared that most of the tires were being stored on the Crescent Street right-of-way and a few tires were adjacent to the pavement, possibly causing impairment to traffic flow and limiting visibility. Delivery and receiving trucks appear to be blocking traffic flow completely at times. There does not seem to be any certain pattern for storage of tires. Many of the tires were holding rain water creating a suitable breeding area for the Aedes aegypti mosquito.

Mr. Calloway and I spoke with Mr. G. C. Denny, Owner of Denny's Recapping Service and explained the reason for our visit and revealed to him the findings of our investigation. Mr. Denny stated that he had temporarily stored the tires adjacent to his building and on the Crescent Street right-of-way for convenience purposes. Mr. Denny explained that he had previous plans of removing the tires; however, had not been able to do so. Our conversation concluded with the agreement that all of the tires would be removed from the Crescent Street right-of-way within a period of one (1) week.

CONCLUSION:

Improper storage of used tires by Denny's Recapping Service of Kannapolis on the Crescent Street right-of-way is creating an impairment of safe traffic flow as vehicles are not able to pull off the street for loading or unloading. Improper storage is also creating a mosquito breeding area as rain water remains in the tires. The storage area is also very unsightly to the neighborhood.

(Continued)

RECOMMENDATIONS:

It is recommended that Denny's Recapping Service take immediate action to remove all tires from the Crescent Street right-of-way. Unusable tires should be carried safely to the Cabarrus County Landfill and sliced before disposal. Usable tires should be stored away from the right-of-way in a location where rain cannot fill the tires. A routine program should be implemented by the company to remove waste tires from the company proper before a storage problem results.

ADDITIONAL INFORMATION:

A final inspection will be made for compliance in about one (1) week to ten (10) days.

Mr. and Mrs. Whitford Donehue, 107 Crescent Street, Kannapolis, North Carolina, were contacted and informed of the agreement made by Denny's Recapping Service, Mr. Everett Calloway and myself.

Mr. Donehue also complained of tire dust from the recapping plant.

CRD:bm

**STATE BOARD OF HEALTH
SANITARY ENGINEERING DIVISION
RALEIGH, NORTH CAROLINA**

REPORT OF INVESTIGATION OR INSPECTION OF _____

Place visited _____ Date _____ 19__

Address _____ Time spent _____

By whom _____

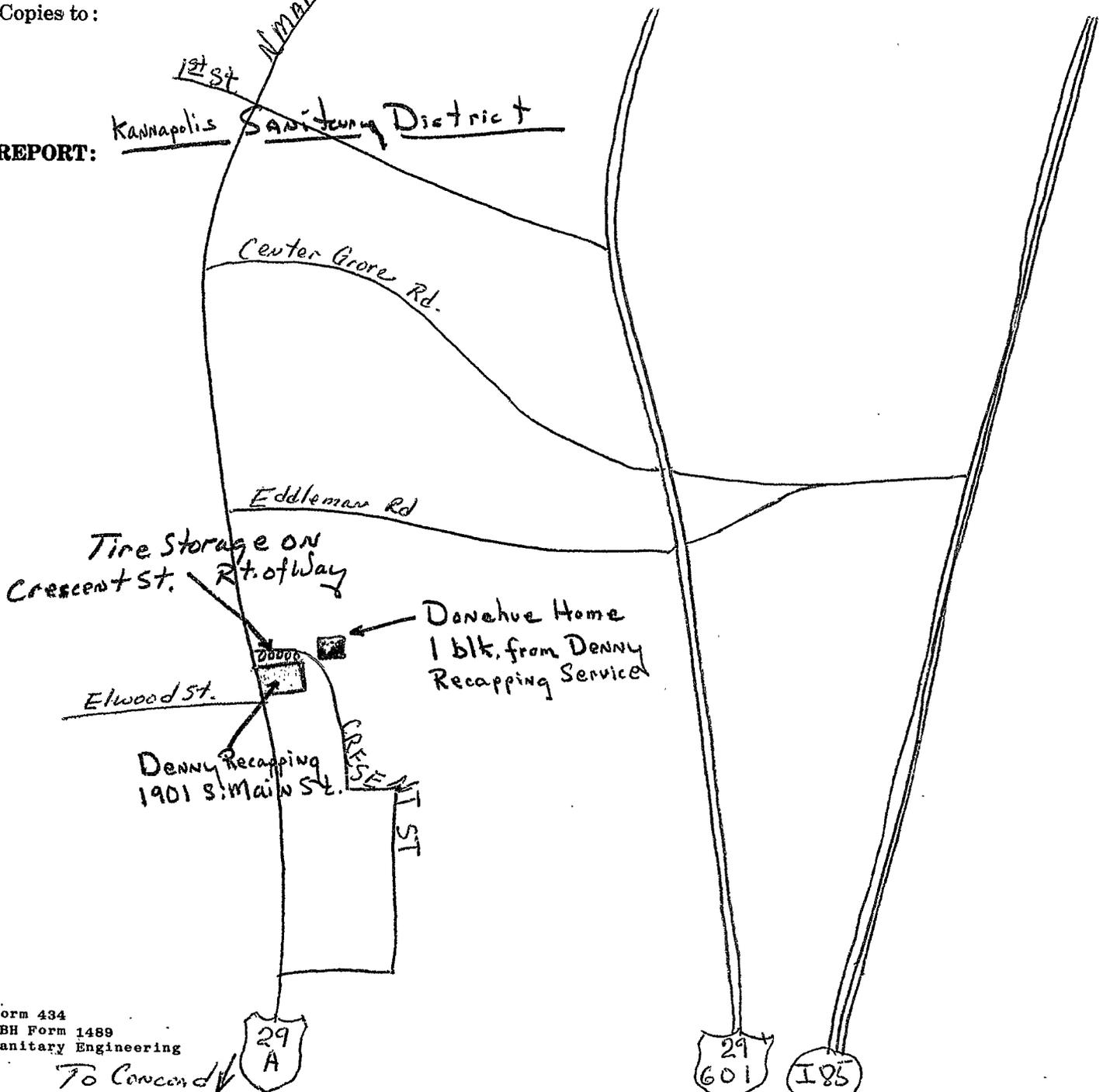
Persons contacted _____
(Owner, agent, tenant, manager, other)

Reason for visit _____

Copies to:

To Landis
↑

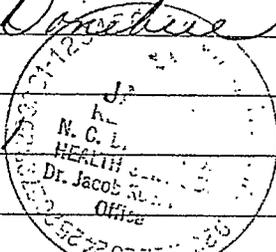
REPORT: Kannapolis Sanitary District



To Concord ↓

REQUEST FOR ACTION

Name Mr. & Mrs. Whitford Dorehuse
 Address 107 Crescent St.
 City Ranapolis, N.C. 28081
 Telephone — Business _____ Home _____



Name Whitford Dorehuse No. 53573
 Date Received 1-8-76 To Asst
 Date of Interim Reply _____ Date of final Reply 1-13-76
 Received by _____
 Comments: _____

CONTROL NUMBER	DATE	COUNTY	REFERRED TO	REPLY ON OR BEFORE	TAKEN BY
<u>53573</u>	<u>1-6</u>	<u>Cabarrus</u>	<u>H. S.</u>	<u>1-14</u>	<u>SW</u>

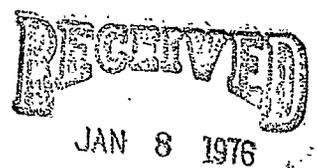
Origin

HOTLINE	GOV. OFF. <input checked="" type="checkbox"/>	GOV. OMB.	SEC. OFF.	PEOPLES DAY	OTHER
WRITTEN <input checked="" type="checkbox"/>	VISIT	PHONE	OTHER		

- Reply noting referral from Secretary Governor Secretary & Governor Other _____
- Investigate & furnish this office with necessary information to respond.
- Draft reply for Secretary's signature Governor's signature Other _____
- Immediate telephone response requested.
- For your information — no response required.

Synopsis of request

See attached letter!



SANITARY ENGINEERING SECTION

Action taken & date

See Attached Draft Letter for the Governor's signature dated 1-13-76.

From

GOVERNOR HOLSHOUSER'S OFFICE

To Dave Z

Date: 1/2

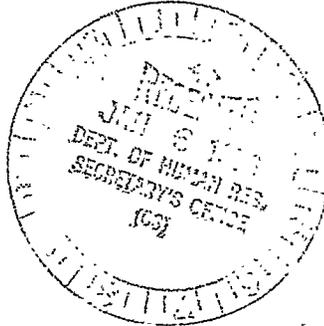
PLEASE:

- Draft a reply for the Governor's signature.
- Reply, noting the letter was referred to you by the Governor.
- Phone me at your convenience.
- For your information.
- Investigate.
- Sign.
- Approve.

AND:

- Return the attached material.
- For your files.

REMARKS:



PIC

The address is on back of Pictures

Dec - 30 - 1975

Rannapolis, N.C. 28081

Dear Gov. Holshouser:

I'm writing this letter about the garbage, that I have to live at. I saw you on the S.V. and I lost the phone no. that you gave to get in touch by, but, I have got in touch with the Health Dept. several times, and I can't get this mess cleaned up. So I'm leaving it in your hands to help our neighbors clean up

our street. This letter is for 5 houses on this street. The place is Recapping & I sent you some pictures (which you can keep) to show you if it would

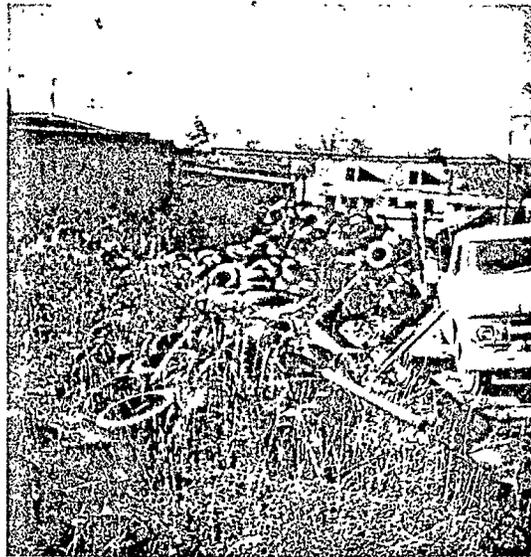
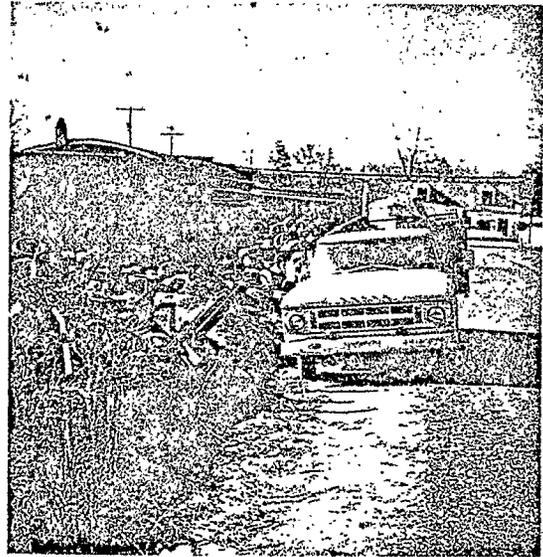
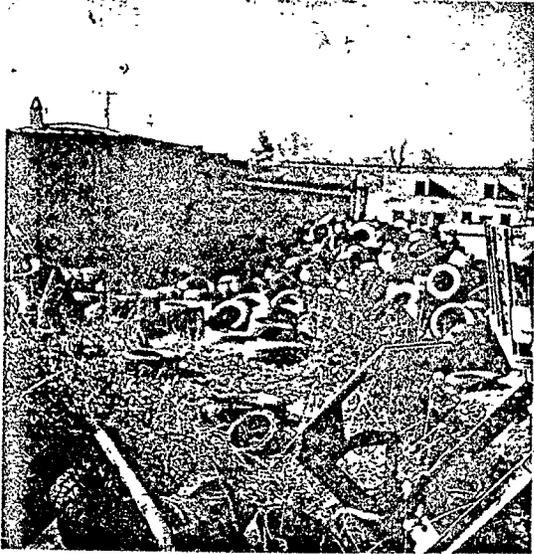
catch on fire, we all would do good to save anything we have. We've even talked to the man that owns it, and it doesn't do any good. So Gov. Holshouser,

please see if you can get something done for us. The Recapping Shop is located on 1901 S. Main St. We live on Crescent right up beside it.

P.S.

Please let us
hear from you.

I Thank You Sincerely
Mr. & Mrs. Whitford Wonshe
107 Crescent St.
Rannapolis, N.C. 28081



Cabarrus
JR

January 20, 1976

Mr. James W. Dixon
745 Gibson Drive, N.W.
Concord, NC 28025

Dear Mr. Dixon:

In reply to your letter of January 5, 1976, the Advisory Council on Solid Waste Recycling, Resource Recovery and Litter Control has had only one meeting. The minutes of this meeting have not been completed and approved for distribution by the Chairman. I am attaching a list of the names and addresses of the Advisory Council as it is presently comprised.

I am familiar with the document regarding recycling of waste materials and also of the hearings before the Congressional Subcommittee. I am unable to provide you with any information as to the success or failures of the programs that you refer to regarding the use of recycled paper since detailed reports of progress are not always available.

I am unable to answer your question regarding the official government position for use of recycled paper in North Carolina since the responsibility for such a position is not the responsibility of this agency. It is my opinion that Mr. Carter's explanation was an accurate statement of the conditions as they exist now and of the potential for enactment of additional legislation.

I am not an authority on the quality and price of recycled paper as considered against that of virgin material paper as I am sure there are many qualities of virgin material paper as well as the recycled paper that could cause various price variations which have to be taken into consideration if comparisons are to be made. The increased use of recycled paper would naturally tend to reduce the volumes of solid waste that is now being disposed of by approved methods. In order for larger volumes of paper to be removed from the waste stream it will be necessary that an adequate market be established that it would make it economically feasible for reclamation. The production of recycled paper will necessarily be done by those industries that already produce virgin material paper since they already have the equipment and capital investment for the specific purpose of producing paper.

Mr. James W. Dixon

Page 2

January 20, 1976

The Advisory Council was specifically established for the purpose of providing assistance to this agency in the development of programs and plans for the initiation of resource recovery that would be economically feasible. I am unable to say what recommendations will be made since this is the prerogative of the Council and their decision will be based on their findings.

I think the best analysis of the "Bottle Bill" legislation was included in the document prepared by the Solid Waste Commission and written by Mr. Robert S. Hopson. I feel that the facts of the case were very clearly explained by this paper.

I do not know of any plans for teacher training in solid waste areas at the present time.

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

Very truly yours,

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

SHU:bm
Attachment

January 5, 1975

Sidney H. Usary
Department of Human Resources
P.O. Box 2091
Raleigh, N.C. 27602

James W. Dixon
745 Gibson Dr., N.W.
Concord, N.C. 28025



Dear Mr. Usary;

Thank you for the information concerning solid waste news in N.C. I am pleased to hear of the establishment of the Advisory Council on Solid Waste. May I have a copy of the present and any former minutes of the Advisory Council? May I also have the names and addresses of the Advisory Council members? Please notify me of future meetings.

I was reading "The Economics of Recycling Waste Materials" or the 1971 hearings before the Subcommittee on Fiscal Policy of the Joint Economic Committee of the 92nd Congress. Have the experiences of New York's Environmental Protection Group, The General Services Administration, and Buffalo New York in using recycled paper lived up to expectations.

Has the letter which I read in the report from Senator Thomas Strickland's Solid Waste Commission by Herbert O. Carter been the official governmental position for use of recycled paper in N.C. government?

It seems to me the establishment of the "recycling idea" can best be fostered by using governmental initiative and example even if near even benefits exist now. I am really asking the question if, as stated in the hearings, that recycled paper is equal in quality and price to "virgin" paper if we consider the excessive amounts of paper currently in the solid waste stream which isn't being recycled? It seems the increased use of recycled paper would immediately reverse the waste of paper (vastly affecting the collection costs). Wouldn't industries which produce recycled paper thus be stimulated to compete with the "virgin paper" company's tax benefits? Will your office suggest increased use of recycled paper to the Administration? The Advisory Council? The 1976 Legislature?

Are there any plans for the teacher training in the Solid Waste areas? Thank you for considering my interest in recycling, saving energy and "government example". May I hear your personal opinion on returnable & throwaway beverage containers?

Sincerely,

James W. Dixon

November 17, 1975

Mr. Albert J. Klimas
Health Director
✓ Cabarrus County Health Department
P. O. Box 1149
Concord, N. C. 28025 *Jkr*

Dear Mr. Klimas:

It sure seems we can't get together for our meeting. I am very sorry but I did not look close enough at my schedule. I have a meeting for December 3 that I must attend. How about December 4th, 8th, or 10th; please let me know.

I am sorry.

Sincerely,

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

OWS/ct

P.O. Box 1149

Concord, North Carolina 28025

Area Code 704 / 786-8121

Cabarrus County Health Department

ALBERT J. KLIMAS, M.S.P.H., *Director*



November 13, 1975

Mr. O. W. Strickland, Supervisor
Solid Waste Management Plan
Sanitary Engineering Section
Division of Health Services
P. O. Box 2091
Raleigh, North Carolina 27602

Dear Bill:

I want to thank you for agreeing to take time from your busy schedule to meet with the Cabarrus County Solid Waste Study Committee on Tuesday, November 25, 1975 at 7:30 p.m. at the Cabarrus County Health Department. This Committee has had a series of hearings from individuals who wished to present testimony regarding their views of the solid waste collection and disposal system in Cabarrus County. We will appreciate if you could bring to us your views of the solid waste collection and disposal methods around the State as well as suggestions which the Committee might study and recommend for improvement of the system in Cabarrus County.

We are preparing transcripts from the hearings and I will see that you receive a copy if they are completed in the next week.

Sincerely yours,

Albert J. Klimas
Director

p

cc: Solid Waste Study Committee members
Bill Covington
Everette Calloway

July 8, 1975

Mr. Everett R. Galloway
Sanitarian II
Cabarrus County Health Department
P. O. Box 1149
Concord, N. C. 28025

Dear Everett:

It was a pleasure to have you visit and discuss the solid waste management program in Cabarrus County.

When I recall the days of the 1967-68 solid waste survey and think of the six disposal sites that were used at that time, with the open burning, rats, flies, ground and surface water pollution, I can really realize how much progress has been made. A study completed even a little earlier than the survey revealed hundreds of roadside dumps existed throughout the County.

The progress made in consolidating the disposal sites into one excellent sanitary landfill is great but the clean-up of roadside dumps is even more than I had ever hoped for.

As for solid waste collection in the County, I think your commissioners are to be congratulated for being one of the first counties to provide protection both to your citizens and to the private collectors by utilizing the authority granted by General Statute and franchising the collection areas. After looking at the number of households served by municipalities, private collectors and Cannon Mills, I am sure that you have the largest percentage of households served by house-to-house collection in the State. There is no question but house-to-house collection when it is available and economically feasible is to be desired. The container programs that are being used in many counties are only a supplement to house-to-house collection, not a substitute.

Mr. Everett R. Calloway
July 8, 1975
Page 2

Let me again congratulate you, Bill, Mr. Klimas and others that have had a part in the program. Your people are getting as much for their money in the type of program now operated as I know any place.

Please come by to see us any time and if we can be of assistance, please let us know.

Sincerely,

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

ONS/ct

cc: Mr. Albert J. Klimas
Mr. Bill Covington
Mr. C. Rick Doby

April 14, 1975

Mr. Everett Galloway
Director, Solid Waste Program
Cabarrus County Health Department
Post Office Box 1149
Concord, North Carolina 28025

Dear Mr. Galloway:

Thank you for your letter of April 10, 1975, concerning the need for and the feasibility of implementing a rural container system in Cabarrus County.

Since 1970, rural container systems have been implemented in many counties throughout North Carolina. Most of these counties are basically rural, such as those in the far Eastern and far Western sections of the State. Even a few densely populated counties in the Piedmont Crescent have tried to provide this service.

Many studies and surveys have been made in various counties implementing a container system to determine the feasibility, need, and location of containers. These results along with my own personal experience indicate that the rural container system can function properly only in very rural counties where populations are sparse and scattered and where the services of private collectors are not available. Rural container systems which have been implemented in urban counties with densely populated areas have not functioned well. Many container sites received abuse through overuse and therefore, are very costly for the county to maintain. Some urban counties have had to place over four containers at overused sites and pick up has to be maintained almost daily in order to maintain sanitary conditions. Purchasing and maintaining vehicles and equipment to operate a rural system in an urban county is extremely expensive.

It is my understanding that Cabarrus County has a population of approximately 75,000 people and is very much an industrialized, urban county. I am aware that rural waste collection is carried out through a countywide franchised collection program. This, of course, indicates to me that 100 percent of the non-municipal population has garbage collection available to them through the franchised

Mr. Everett Galloway

Page 2

April 14, 1975

services. My working experience in Cabarrus County indicates also that this system is functioning very well, is under good control, and does not need alterations.

I strongly recommend that Cabarrus County maintain the solid waste program that it now has as it is probably one of the most functional programs in this highly populated area of the State.

Sincerely,

C. Richard Doby, Sr., District Sanitarian
Post Office Box 637
Rockwell, North Carolina 28138

CRD:bm

cc: Mr. O. W. Strickland

Cabarrus
JRK

out

January 13, 1975

Mrs. Boyce R. Hamer
Route 2, Box 973
Harrisburg, North Carolina 28075

Dear Mrs. Hamer:

I appreciate your letter of January 6, 1975, providing us information regarding the activities of you and your husband in regard to your gardening.

It has always been the policy of this agency that complaint letters be kept on file and that no copies be prepared for those concerned. In this way, the originator of the complaint is provided with a degree of confidentiality that such information does not become generally available. The letter that you have provided me will receive the same type of confidentiality and will be maintained in our files.

Very truly yours,

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

SHU:bm
cc: Mr. C. Richard Doby

WE WOULD ALSO LIKE TO HAVE A COPY OF THE LETTER MR. ROYCE L. HILL WROTE TO YOUR OFFICE CONCERNING THIS MATTER, FOR ~~XX~~ OUR FILES.

Route 2, Box 973
Harrisburg, N. C. 28075

January 6, 1975

Mr. Sidney H. Usry, Head
Solid Waste & Vector Control Branch
Sanitary Engineering Section
Raleigh Health Department
Raleigh, North Carolina



Dear Mr. Usry:

We have received copy of your letter and report dated November 25 and November 18. concerning the false reports of a health hazard on our property written into Mr. Marshall Staton's office by our neighbors Mr. and Mrs. Royce L. Hill.

On many numerous occasions I have received telephone calls and visits from the Cabarrus Health Dept. concerning false reports from these same people. The Cabarrus Health Dept. is aware that we are not causing any health hazard and never have that we are aware of. We have been most happy to cooperate with the Cabarrus Health Dept. and have always found them to be most helpful and capable. We have notified them a long time ago by telephone and in person they may come onto our property and inspect at any time and we will be glad to cooperate with them.

Mr. and Mrs. Royce L. Hill allowed their septic tank to drain over onto our property for more than a year. In wet rainy weather it was particularly bad. It drained over onto our vacant lot for about 50 feet. The Cabarrus Health Dept. had to MAKE them fix it. They had said they would never fix it until the LAW made them fix it. There is no way we could afford to allow anyone to continue to let their septic tank drain over onto our property. We believe because they have had to repair their septic tank they are trying to use State Agencies to harrass us. Mr. Royce L. Hill is a State Employee himself (a maintenance man for Central Piedmont Com. College.) and should know better than to waste state employees time and money.

We have had Mr. Bishop from the Agricultural Dept.-Cabarrus Co. to come out and advise us as how to improve the soil on our vacant lot for gardening. He says that we are doing the right things to improve the soil. We are doing all we can to cooperate with our President in trying to conserve energy and raise all the food we can. Last year we had 2 acres of garden. (most on rented vacant lots.) The vacant lot in question located next to our house is the only land that we own to grow food on and we are determined to improve it as best we can. As I am ~~xxxx~~ typing this I have all the heat turned off in our all-electric house and am using our fireplace for heat (with wood we hauled that would have been placed in the landfill).

It is true we have an apiary behind our house. This is located well over ~~q0z~~ 200 feet from Mr. Hill's house and the bees are facing an empty ~~fix~~ field. As I am sure you are aware bees are not active this time of year. There is a shortage of bees to pollinate the crops ~~xxx~~ farmers are growing in our state and ~~x~~ bees are an absolute necessity for several crops. We plan to move our bees to another location for honey crops. But we absolutely deny that we are causing any flies, rats, or odors and we would like to so have it entered into your file on this matter.

If there is any way we can be of assistance to you, just please let us know.

Sincerely,

Mrs. Royce R. Hamer

DEPARTMENT OF HUMAN RESOURCES

DIVISION OF HEALTH SERVICES

RALEIGH

November 25, 1974

Mr. & Mrs. Royce L. Hill
Route 2, Box 972
Harrisburg, North Carolina 28075

Dear Mr. and Mrs. Hill:

The attached report has been prepared by Mr. G. Rick Doby, Sr., District Sanitarian, following his investigation of your letter complaint concerning conditions at the residence of Mr. and Mrs. Boyce Hamer.

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

Very truly yours,

Sidney H. Usry

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

cc
Attachment

cc: Mr. Everett Calloway
Mr. & Mrs. Boyce Hamer ✓
Mr. G. Rick Doby, Sr.

11/29/74

808 *2178*

[Handwritten scribble]

Brenda,

12/13/74
Letter Not Being
Sent

B. Melambé Cibarrus
Friday
LIR

I am returning Mr. Boyce R. Hamer's letter of Nov. 25, 1974 requesting a copy of Mr. Royce L. Hill's complaint letter of Nov. 26, 1974.

I personally feel that I shouldn't send a copy to Mr. Hamer because these two families in Harrisburg are having a serious feud according to Cibarrus sanitarians.

Whatever our policy is, please check with Mr. Usry or Strick and if they agree to send the copy to Mr. Hamer, okay. I just hate to add fuel to the fire.

Thanks, Rick

Route 2, Box 973
Harrisburg, N. C. 28075
Nov. 25, 1974.

Mr. Rick Doby
Raleigh Health Dept
Raleigh, N. C.

Dear Sir:

My wife informed me of your visit to our home last week at Mr. Hill's request.

Please send me a copy of Mr. Hill's
letter of complaint.

Sorry you had to come all the way from Raleigh. We have always found the Cabarrus Health Dept personnel most satisfactory & feel they are doing their job satisfactorily. We have no complaints of them.

Sincerely

Boyer R. Hamer

Nabarnus
J.H.

November 6, 1974

Mr. Royce L. Hill
Route 2, Box 972
Harrisburg, North Carolina 28075

Dear Mr. Hill:

Your letter to Mr. Marshall Staton has been referred to this office for reply.

I am sending a copy of your letter to Mr. C. Richard Doby, District Sanitarian, requesting that he visit the area and investigate the conditions described. At the time of his visit he will contact you and discuss his findings and recommendations in regard to this matter. I am not certain that the problem is one that we would have appropriate authority for its alleviation but Mr. Doby will discuss this with you at the time of his visit.

If I can provide you 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. C. Richard Doby

1 Me
M. King

RECEIVED

NOV 5 1974

SANITARY ENGINEERING SECTION

Royce L. Hill
Rt. 2 Box 972
Harrisburg, N.C. 28075
Nov. 4, 1974

Mr. Marshall Staton
State Health Department
Raleigh, N.C.

Dear Mr. Staton,

We are praying for some help. Can you help us? We have called the Cabarrus County Health Department time after time. They will not do anything for us. We live in College Park, Harrisburg, N.C.

Mr. Boyce Hamer that lives on the property adjacent to our's had manure piles last fall they used it during the summer. They started hauling more and piling it up again this year the first week in August. They put water on the piles of manure every day. The odor is so bad we could not have our windors open. The flies are so bad our screen doors in the afternoon is black with flies. We can not keep green flies out of our house. This has been going on for two summers. They throw their garbage out within fifteen feet to our house all summer, old pumpkins, cumumbers, tomatoes and potatoes, big buckets full at a time and the Cabarrus County Health Department would not do a thing about this.

Mr. Roberts talked to us like a dog. We pay taxes same as anyone else and the health department has not been fair to us.

The rats are real bad also. The health department did give us some rat poison. They left it on our front porch Halloween night. I don't know how long it had been there when I found it.

They are hauling leaves and mixing the leaves with the manure now and the odor just about run you away from home. Every morning smoke comes out of the piles of manure it looks like it's on fire.

They have a lot of bees we can't go out of the house with out bees flying around our heads and we can't find anyone that will do anything about this.

Can you help us? If you can't, can you tell us who can help us? Please advise us one way or another as soon as possible.

Yours truly,

Royce L. Hill
Margie Hill

Cabarrus
J.R.

out

November 25, 1974

Mr. & Mrs. Royce L. Hill
Route 2, Box 972
Harrisburg, North Carolina 28075

Dear Mr. and Mrs. Hill:

The attached report has been prepared by Mr. C. Rick Doby, Sr., District Sanitarian, following his investigation of your letter complaint concerning conditions at the residence of Mr. and Mrs. Royce Hamer.

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

cc
Attachment

cc: Mr. Everett Calloway
Mr. & Mrs. Royce Hamer
Mr. C. Rick Doby, Sr.

STATE BOARD OF HEALTH
SANITARY ENGINEERING DIVISION
RALEIGH, NORTH CAROLINA

REPORT OF INVESTIGATION OR INSPECTION OF Royce L. Hill Complaint

Residences of Royce L. Hill & Boyce Hamer,

Place visited Route 2, Harrisburg, N. C. 28075 Date November 18, 19 74

Address of Complainant: Rt. 2, Box 972, Harrisburg, N.C. Time spent Approx. 2 hrs.

Mr. Everett Calloway, Sanitarian, Cabarrus County Health Dept., Concord, N.C.

By whom Mr. C. Rick Doby, Sr., District Sanitarian, Division of Health Services

Persons contacted Mrs. Royce L. Hill, Harrisburg; Mrs. Boyce Hamer, Harrisburg

(Owner, agent, tenant, manager, other)

Reason for visit Complaint by Mr. & Mrs. Royce L. Hill against Mr. & Mrs. Boyce Hamer

Copies to: Mr. Everett Calloway, Sanitarian, Cabarrus County Health Department, P. O.
Box 1149, Concord, N. C. 28025
Mr. and Mrs. Royce L. Hill, Route 2, Box 972, Harrisburg, N. C. 28075
Mr. and Mrs. Boyce Hamer, Route 2, Harrisburg, N. C. 28075

REPORT:

On November 18, 1974, Mr. Everett Calloway, Sanitarian, Cabarrus County Health Department, and I visited the home of Mr. and Mrs. Royce L. Hill in Harrisburg. Our visit and inspection was the result of the Hill's complaint letter of Nov. 4, 1974, to Marshall Staton, Sanitary Engineering. The Hills complained of rats, flies, odors and bees coming from the Hamer's property adjacent to their home.

Our morning inspection of the Hamer property revealed that the Hamers were gardening their vacant lot which is situated between the two residences. The Hamers were using vegetable waste for fertilizer as it was being mixed in with the soil. Several compost heaps of cotton molt and leaves were scattered about the garden. The Hamers were also operating an apiary behind their home. At the time of our inspection, we saw no swarming bees, no dense population of flies and detected no odors.

We contacted Mrs. Hamer and asked that she and her husband conduct regular surveys of their property to detect over populations of flies and rats. It was recommended that all vegetable and organic waste be buried immediately upon disposal to help prevent fly and rat breeding. We also asked Mrs. Hamer to check for odors periodically. A supply of Bait-Tox was left for the Hamer's use.

CRD/ct

Cabarrus
JHR

November 6, 1974

Mr. Royce L. Hill
Route 2, Box 972
Harrisburg, North Carolina 28075

Dear Mr. Hill:

Your letter to Mr. Marshall Staton has been referred to this office for reply.

I am sending a copy of your letter to Mr. G. Richard Doby, District Sanitarian, requesting that he visit the area and investigate the conditions described. At the time of his visit he will contact you and discuss his findings and recommendations in regard to this matter. I am not certain that the problem is one that we would have appropriate authority for its alleviation but Mr. Doby will discuss this with you at the time of his visit.

If I can provide you 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. G. Richard Doby



Royce L. Hill
Rt. 2 Box 972
Harrisburg, N.C. 28075
Nov. 4, 1974

State of North Carolina
Department of Human Resources
Division of Social Service
325 N. Salisbury Street
Raleigh, N.C. 27611

Dear Sir,

We are praying for some help. Can you help us? We have called the Cabarrus County Health Department time after time. They will not do anything for us. We live in College Park, Harrisburg, N.C.

Mr. Boyce Hamer that lives on the property adjacent to our's had manure piles last fall they used it during the summer. They started hauling more and piling it up again this year the first week in August. They put water on the piles of manure every day. The odor is so bad we could not have our windors open. The flys are so bad our screen doors in the afternoon is black with flys. We can not keep green flys out of our house. This has been going on for two summers. They throw their garbage out within fifteen feet to our house all summer, old pumpkins, cumumbers, tomatoes and potatoes, big buckets full at a time and the Cabarrus County Health Department would not do a thing about this.

Mr. Roberts talked to us like a dog. We pay taxes same as anyone else and the health department has not been fair to us.

The rats are real bad also. The health department did give us some rat poison. They left it on our front porch Halloween night. I don't know how long it had been there when I found it.

They are hauling leaves and mixing the leaves with the Manure now and the odor just about run you away from home. Every morning smoke comes out of the piles of manure it looks like it's on fire..

They have a lot of bees we can't go out of the house with out bees flying around our heads and we can't find anyone that will do anything about this.

Can you help us? If you can't, can you tell us who can help us? Please advice us one way or another as soon as possible.

Yours truly,

Royce L. Hill
Margie Hill

Dear: Mr. Usey.

Mr. C. Rick Dalry Sr. was here on a
rainie cold morning, and he knew flies
would not be flying around. and bees
do not fly around when it raining and
cold. So day November 27, 1974 from 1 P.M.
until 2 P.M. I killed the flies and
bees that is in this jar on my patio door
Please show these flies and bees to
Mr. Dalry maybe he has never see
any before. and tell him to check again
in the spring and see what he finds.



Mrs. Royce L. Hill

- over -



Honey Bees
Blue Bottle Flies
Fannia spp.
M. domestica
Stomoxys calcitrans

AC

RECEIVED

NOV 5 1974

SANITARY ENGINEERING SECTION

Royce L. Hill
Rt. 2 Box 972
Harrisburg, N.C. 28075
Nov. 4, 1974

Mr. Marshall Staton
State Health Department
Raleigh, N.C.

Dear Mr. Staton,

We are praying for some help. Can you help us? We have called the Cabarrus County Health Department time after time. They will not do anything for us. We live in College Park, Harrisburg, N.C.

Mr. Boyce Hamer that lives on the property adjacent to our's had manure piles last fall they used it during the summer. They started hauling more and piling it up again this year the first week in August. They put water on the piles of manure every day. The odor is so bad we could not have our windows open. The flies are so bad our screen doors in the afternoon is black with flies. We can not keep green flies out of our house. This has been going on for two summers. They throw their garbage out within fifteen feet to our house all summer, old pumpkins, cucumbers, tomatoes and potatoes, big buckets full at a time and the Cabarrus County Health Department would not do a thing about this.

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They have a lot of bees we can't go out of the house with out bees flying around our heads and we can't find anyone that will do anything about this.

Can you help us? If you can't, can you tell us who can help us? Please advise us one way or another as soon as possible.

Yours truly,

Royce L. Hill
Margie Hill

1 Cabarrus
LTR

November 12, 1976

Mrs. Boyce R. Hamer
Route 2, Box 973
Harrisburg, NC 28075

Dear Mrs. Hamer:

In accordance with the recommendations of the Office of the Attorney General, I am sending the complete file to Mr. Robert R. Reilly, Associate Attorney, for his review and comments. This recommendation was made by Mr. Reilly in view of the number of people involved and the information included. As soon as Mr. Reilly has had the opportunity to review this file, I will advise you of his decision in regard to this matter.

Very truly yours,

S.H.U.

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

SHU:bn

cc: Mr. Robert R. Reilly

Cabarrus
llk

November 18, 1976

Mrs. Boyce R. Hamer
Route 2, Box 973
Harrisburg, NC 28075

Dear Mrs. Hamer:

In accordance with the approval of the Office of the Attorney General, I am enclosing a copy of the letter that you requested that had been written by Mr. Royce L. Hill.

Very truly yours,

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

SHU:lm
Enclosure

Cibarrus
CR

January 2, 1975

Mr. James W. Dixon
745 Gibson Drive, N.C.
Concord, North Carolina 28025

Dear Mr. Dixon:

In reply to your letter of December 30, 1974, the Advisory Council on Solid Waste Recycling, Resource Recovery and Litter Control was established by the enactment of Senate Bill 366. The first meeting of this Council is scheduled for January 6, 1975.

Article 15B of Chapter 130 of the General Statutes was amended as recommended by the Advisory Commission to place the responsibility for resource recovery in the Department of Human Resources, Solid Waste and Vector Control Branch.

The 1975 General Assembly enacted Senate Bill 569 which recommended tax incentives for capital investments on recycling and resource recovery facilities as recommended by the Advisory Commission.

Recycling in North Carolina is primarily being conducted by private enterprise on a rather limited scale at this time. The facilities that are now operating are for the recycling of certain specific materials and does not include plans or facilities that could be used for recovery of materials from the complete solid waste stream. I am not familiar with any activity by the agency responsible for developing plans for supplemental energy from solid waste. Supplemental energy development has received much publicity but there are many unanswered questions in regard to the efficiency of such a system.

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

December 30, 1975

Sidney H. Usry, Branch Head
Solid Waste and Vector Control Branch
Dept. of Human Resources
P.O. Box 2091
Raleigh, N.C. 27602



James W. Dixon
745 Gibson Dr., N.W.
Concord, N.C. 28025

Dear Mr. Usry;

I am interested in the current state of recycling in North Carolina as I am on a study committee in Charlotte and help run a recycling center in Charlotte.

Specifically I would like to know of any successful recycling programs currently operating in North Carolina or any plans for resource recovery units. Was an Advisory Council on Recycling, Resource Recovery, and Litter Control established as suggested in the Feb 28, 1975 report of The Commission for The Study of Solid Waste Recycling? If not, does the State Energy office have any plans along the lines of Recycling. What about proposals B and C of the above mentioned report? Will you seek to establish a study council for recycling, resource recovery,

and litter control in North Carolina,
if no one else does? If so, please
inform me of your efforts.

Sincerely,

James W. Dixon

Cabarrus
JK

November 8, 1974

Mr. R. G. Scharff
Mineral Research & Development Corp.
Route 1, Box 340
Concord, N. C. 28025

Dear Mr. Scharff:

The follow-up information that you provided this office on the solid waste from Mineral Research and Development Corp. has been received and reviewed.

This office does not object to placing this material in a sanitary landfill providing it is cleared with the local officials.

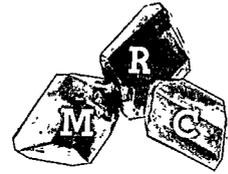
Sincerely,

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

GWS/cc

cc: Mr. Everett R. Galloway
Mr. C. Rick Doby

**MINERAL RESEARCH
AND
DEVELOPMENT CORP.**



RT. 1, BOX 340

CONCORD, N. C. 28025

TELEPHONE (704) [REDACTED]

455-2161

October 8, 1974

Mr. C. W. Strickland, Supervisor
Solid Waste Management Unit
Division of Health Services
Department of Human Resources
P. O. Box 2091
Raleigh, N. C. 27602



Mr. Strickland

Thank you for your letter of October 8, 1974, in which you specify the additional information needed to enable you to make a final decision on the suitability of our plant sludge for placing in a sanitary landfill. I will try to answer the three questions you have posed, as follows:

- 1 - pH of the sludge, before dewatering is controlled between 8 and 10 by the addition of lime.
- 2 - Volume generated is approximately 30,000 pounds per month, basis, dry solids.
- 3 - We have conducted pilot scale work to demonstrate feasibility of drying our sludge. The enclosed sample, which contains about 6-7% water, showed that the sludge can be dewatered, and we now have process sized equipment on order to perform this operation.

Please let me know if any additional information is needed.

Yours very truly

MINERAL RESEARCH & DEVELOPMENT CORP.


Robert G. Scharff
Chemist

RGS/jm

cc: Mr. Everett R. Calloway
Cabarrus County Health Dept.
735 Cabarrus Ave., W.
Concord, N. C. 28025

encl: Dewatered sludge sample

Cabarrus
FR

October 4, 1974

Mr. R. G. Scharff
Mineral Research & Development Corp.
Route 1, Box 340
Concord, N. C. 28025

Dear Mr. Scharff:

As we discussed by telephone, I will need the following information before a final decision can be made on the suitability of your sludge for placing in a sanitary landfill:

1. PH of sludge.
2. Volume generated per day/week -- etc.
3. Can the sludge be dewatered until we will be working with a solid.

Sincerely,

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

OJS/ct

cc: Mr. Everett R. Galloway
Mr. C. Rick Doby

July 31, 1974

Mr. Everett R. Calloway
Cabarrus County Health Dept.
735 Cabarrus Avenue, W.
Concord, N. C. 28025

JRH
Dear Mr. Calloway:

For this office to make a decision on the suitability of a material for landfill in a sanitary landfill, we must have an analysis of the material from an independent laboratory. We also must know the volume of waste generated per day.

The information presented on Mineral Research Development Corp. waste is not complete but from the information it is evident that the water content is much too high for placing in a sanitary landfill.

If the company will provide us a complete analysis and can lower the water content so we will be dealing with a dry product, then we will make a decision on the suitability of the material for landfilling.

If we can be of further 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. G. Rick Doby

MINERAL RESEARCH AND DEVELOPMENT CORP.

RT. 1, BOX 340

CONCORD, N. C. 28025

TELEPHONE (704) [REDACTED]

455-2161

June 13, 1974



Mr. Everett R. Calloway
Cabarrus County Health Dept.
735 Cabarrus Ave., W.
Concord, N. C. 28025

Dear Mr. Calloway

I am furnishing below our laboratory report on the sample of dewatered sludge from our waste treatment plant, that was delivered to your office on May 29, 1974. This sample is representative of materials to be disposed of, at this plant, except that solids I have seen dried on commercial equipment appear to be somewhat drier than my sample, which was dewatered in the laboratory.

DEWATERED SLUDGE from waste treatment plant.
Composite of daily samples from week of 4/8/74

Water Content		65.85 - 68.80%
Chloride		1.75%
Nitrate	less than	0.1 %
Ammonia	less than	0.1 %
<u>SOLUBLE</u> Zinc		1.8 ppm
Ash		18.32%

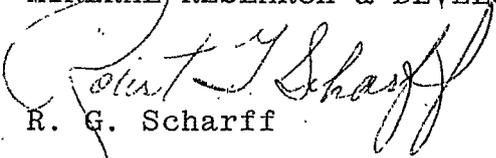
Analysis of Ash

SiO ₂	24.44 - 25.40%
ZnO	37.33 - 37.35%
CaO	13.99 - 13.99%
MgO	12.42 - 12.02%
Al ₂ O ₃	4.73 - 4.73%
Mn ₂ O ₃	0.69 - 0.69%
Fe ₂ O ₃	0.56 - 0.59%
CuO	0.08 - 0.10%
PbO ₂	0.06 - 0.07%

Please feel free to contact me if any additional information should be needed.

Sincerely

MINERAL RESEARCH & DEVELOPMENT CORP.


R. G. Scharff

RGS/jm

November 27, 1973

Mr. Albert J. Klimas
Health Director
County of Cabarrus
Concord, N. C. *JTR*

Dear Mr. Klimas:

I visited your landfill when I was in Cabarrus County on Nov. 21, 1973. I congratulate you on the excellent new equipment.

To bring your site into full compliance with the Division of Health Services Rules and Regulations it is requested that at your earliest convenience the plans for the site be brought up to date. If your new engineer would like our comments on filling the site, we would be happy to assist.

It is also requested that your recycling of paper, if it must be carried out on-site, be enclosed in a fenced area to control blowing paper.

The area that has been filled needs to be seeded to prevent erosion.

I know that you are very anxious to get the site back into full compliance as Cabarrus County has been one of the leaders in solid waste management.

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

Yours very truly,

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

OWS/ce

cc: Mr. Julian M. Fouca
Mr. Bill Covington

✓ Cabarrus
B
DHR

September 19, 1973

Mr. James Holleman
92 St. Mary Street, N. W.
Concord, N. C. 28025

Dear Mr. Holleman:

The attached report has been prepared following our investigation of your complaint to Governor James E. Holshouser, Jr.

I hope that the conditions described in your original letter have now all been corrected and that the problem will not develop again. If this office can provide you additional assistance in this matter, I shall appreciate hearing from you.

Very truly yours,


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

cc: Mr. David Flaherty (2)
Mr. Everett Galloway
Mr. Marshall Staton

SHU/ct

STATE BOARD OF HEALTH
SANITARY ENGINEERING DIVISION
RALEIGH, NORTH CAROLINA

REPORT OF INVESTIGATION OR INSPECTION OF Unsatisfactory Sanitary Conditions

Place visited 92 St. Mary St., N. W. Date September 10 19 73
Address Concord, N. C. 28025 Time spent 2 Hours
Julian M. Foscue; III, Dist. Sanitarian, Division of Health Services
By whom Everett Calloway, Sanitarian, Cabarrus County Health Department
Persons contacted Mrs. James Holleman, Complainant's Wife
(Owner, agent, tenant, manager, other)
Reason for visit Mr. James Holleman's recent letter of complaint to Gov. James Holshouser, Jr.
Copies to: Mr. James Holleman, 92 St. Mary St., N.W., Concord, N. C. 28025
Mr. Everett Calloway, Sanitarian, Cabarrus County Health Department, Concord
Mr. David T. Flaherty, Secretary, Department of Human Resources

REPORT:

Recently, Mr. James Holleman wrote a letter to Governor James E. Holshouser, Jr., concerning unsatisfactory sanitary conditions in his community.

Mr. Holleman alleges the following:

- 1 - The weeds in the field near his home have not been cut recently.
- 2 - The ditch behind his house has not been cleaned out this summer and is eroding a neighbor's yard.
- 3 - The house across the street is infested with water bugs.
- 4 - The neighborhood park has not been open all summer and is lacking playground equipment.

The September 10, 1973 investigation revealed the following:

- 1 - The weeds in the field near Mr. Holleman's home have been cut since the letter was written to the Governor.
- 2 - It appeared the ditch behind Mr. Holleman's home has been cleaned since the letter was written to the Governor. One obstruction was observed at the time of the investigation. Mr. Everett Calloway of the Health Department called Concord City Manager, Mr. Paul Francis, regarding this. Mr. Francis agreed to have the obstruction removed.

There appeared to be no recent erosion at the neighbor's yard as water in the ditch was flowing freely and within its natural boundaries at this location.

- 3 - Roaches were observed at the house across the street. Mr. Everett Calloway of the Cabarrus County Health Department agreed to contact the person controlling this property and recommend that the roaches be exterminated.
- 4 - Problems regarding public recreational facilities in the City of Concord should be brought to the attention of appropriate city officials.

August 30, 1973

Mr. James Holleman
92 St. Mary Street N.W.
Concord, North Carolina 28025

Dear Mr. Holleman:

The Secretary of Human Resources has asked that I reply to your recent letter concerning unsatisfactory sanitary conditions in your community.

I am sending a copy of this letter to Mr. Julian M. Foscoe, District Sanitarian, requesting that on his next visit to the area he investigate the conditions and discuss with you his recommendations regarding the alleviation of the problem.

Very truly yours,

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

JHU
SHU:bm

cc: Mr. Julian M. Foscoe
Mr. David T. Flaherty (2)
Mr. Marshall Staton



STATE OF NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
325 NORTH SALISBURY STREET
RALEIGH 27611



JAMES E. HOLSHOUSER, JR.
GOVERNOR

DAVID T. FLAHERTY
SECRETARY

August 27, 1973

TELEPHONE
919/829-4534

MEMORANDUM

To: Dr. Koomen
Health Services

From: ~~Joseph Batak~~ *Craig Souza*
Special Assistant to the Secretary

Subject: 2 Letters to the Governor
2 Letters to the Secretary

RECEIVED

AUG 29 1973

SANITARY ENGINEERING SECTION

The attached correspondence has been referred from the Office of the Governor/Office of the Secretary to this Department and, in turn, is being referred to your agency for appropriate action and direct reply to the writer. Guidance from the Governor's Office stressed the importance of promptness, courtesy, and correctness of the replies. Pending finalization of a system for handling correspondence of this type, the following will apply:

- a. Replies must be factually correct and respond to each question or situation presented.
- b. If a complete reply cannot be made within 72 hours, an interim reply will be made indicating, of course, that the matter is being investigated, etc., and that a final reply will be forthcoming.
- c. The reply, or the interim reply if one is required, will begin: "The Governor/Secretary has asked that I reply to your letter of (Date or 'recent letter' if not dated) concerning _____."

Two copies of the reply or interim reply will be forwarded to this office. The original letter to the Governor/Secretary will accompany the copy of the final reply.

Attachment(s) : Mr. James Holleman 999 *W*
Ms, ~~H~~ *H* Brim 995 to Mr. Stamey (Community Health)
M.S.



COPY

STATE OF NORTH CAROLINA

GOVERNOR'S OFFICE

RALEIGH 27611

JAMES E. HOLSHOUSER, JR.
GOVERNOR

August 21, 1973

*DHR 999
Stanton*

BY
Mr. James Holleman
92 St. Mary Street N. W.
Concord, North Carolina 28025

Dear Mr. Holleman:

Thank you for your recent letter concerning some sanitary matters within your community.

I have forwarded your letter to Mr. David Flaherty, Secretary of Human Resources. He will be getting in touch with you relative to these matters.

Should you need to contact my office again, please do so. We stand ready to assist you in any way possible.

Sincerely,

A handwritten signature in dark ink, appearing to read "James E. Holshouser, Jr.", written in a cursive style.

James E. Holshouser, Jr.

JEHjr/cdc

CC: Mr. David Flaherty

rel. lady

Ser i am writing you about
some thing that needs to
be cleaned up in our Community.

1. Ser we have a area around our house
that needs to be clean up.
Ser the fields hasn't ben clean
up but one time this summer,
and they are as high as your
head now.

Ser we have ditches behind
our house that hasn't bend
clean out this summer.

2. Ser the house across the street
where no one lives, is infested
in water bugs. Ser would ^{like} to say
also the park in our neighbor hood
hasn't ben open all summer long.
Ser there are no play ground stuff
on the ground to play with.
Ser the park has ben open
before but not now.

3. Ser about the ditch that i explain
about in this letter some throw
a neighbor yard and has washed about
40 feet off his yard.

ser also the brooch is not
on his deed. Ser we have
been to everyone at city hall,
and the Leth department and
they say they cant do nothing
about these problems.

Ser would appreciate some help.

Thank you.

address on envelope

AUG 21 1973

GOVERNOR'S OFFICE

Craig Souza's

copy



Mary

STATE OF NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
325 NORTH SALISBURY STREET
RALEIGH 27611

JAMES E. HOLSHOUSER, JR.
GOVERNOR

DAVID T. FLAHERTY
SECRETARY

August 27, 1973

TELEPHONE
919/829-4534

MEMORANDUM

To: Dr. Koomen
Health Services

From: ~~Joseph Balak~~, *Craig Souza*
Special Assistant to the Secretary

Subject: 2 Letters to the Governor
2 Letters to the Secretary

RECEIVED

AUG 29 1973

SANITARY ENGINEERING SECTION

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- c. The reply, or the interim reply if one is required, will begin: "The Governor/Secretary has asked that I reply to your letter of (Date or 'recent letter' if not dated) concerning _____."

Two copies of the reply or interim reply will be forwarded to this office. The original letter to the Governor/Secretary will accompany the copy of the final reply.

Attachment(s) : Mr. James Holleman 999 *Mary*
~~Ms.~~ Halle Brim 995 to Mr. Stamey (Community Health)



COPY

STATE OF NORTH CAROLINA
GOVERNOR'S OFFICE
RALEIGH 27611

JAMES E. HOLSHOUSER, JR.
GOVERNOR

August 21, 1973

*DHR 999
Station*

¹⁰
Mr. James Holleman
92 St. Mary Street N. W.
Concord, North Carolina 28025

Dear Mr. Holleman:

Thank you for your recent letter concerning some sanitary matters within your community.

I have forwarded your letter to Mr. David Flaherty, Secretary of Human Resources. He will be getting in touch with you relative to these matters.

Should you need to contact my office again, please do so. We stand ready to assist you in any way possible.

Sincerely,

A handwritten signature in dark ink, appearing to read "James E. Holshouser, Jr.", written in a cursive style.

James E. Holshouser, Jr.

JEHjr/cdc

CC: Mr. David Flaherty

ser also the branch is not
on his deed. Ser we have
been to everyone at city hall,
and the health department and
they say they cant do nothing
about these problems.

Ser would appreciate some help.

Thank you.

address on envelope

RECEIVED

AUG 21 1973

GOVERNOR'S OFFICE

Flaherty

Ser i am writing you about
some thing that needs to
be cleaned up in our Community.

1. Ser we have a was around our house
that needs to be clean up.
Ser the fields haun't ben clean
up but one time this summer,
and they are as high as your
head now.

Ser we have ditches behind
our house that haun't bend
clean out this summer.

2. Ser the house across the street
where no one lives, is infested
in water bugs. Ser would ^{like} to say
also the park in our neighbor hood
hasn't ben open all summer long.
Ser there are no playgroun stuff
on the groun to play with.
Ser the park has ben open
before, but not now.

3. Ser about the ditch that i expland
about in this letter some throw
a neighbor yard and has washed about
10 feet off his yard.

Cabarrus
A.
JHR

September 19, 1973

Mr. and Mrs. Loyd Goodman
109 St. Mary Avenue, N. W.
Concord, North Carolina 28025

Dear Mr. and Mrs. Goodman:

The attached report has been prepared following the recent investigation of your complaint to Governor James E. Holshouser, Jr.

I hope that the conditions described in your letter have been corrected but if this office can provide additional assistance in this matter, I shall appreciate hearing from you.

Very truly yours,



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

cc: Mr. David Flaherty (2)
Mr. Everett Calloway
Mr. Marshall Staten

SHU/ct

STATE BOARD OF HEALTH
SANITARY ENGINEERING DIVISION
RALEIGH, NORTH CAROLINA

REPORT OF INVESTIGATION OR INSPECTION OF Drainage Complaint

Place visited 109 St. Mary Avenue, N. W. Date September 10 19 73
Address Concord, North Carolina 28025 Time spent 1 Hour
Julian M. Foscue, III, Dist. Sanitarian, Division of Health Services
By whom Everett Calloway, Sanitarian, Cabarrus County Health Department
Persons contacted Mr. & Mrs. Goodman were not at home.
(Owner, agent, tenant, manager, other)

Reason for visit Mr. & Mrs. Goodman's 8/14/73 letter of complaint to Gov. James Holshouser, Jr.

Copies to: Mr. & Mrs. Loyd Goodman, 109 St. Mary Avenue, N. W., Concord, N. C. 28025
Mr. David T. Flaherty, Secretary, Department of Human Resources
Mr. Everett Calloway, Sanitarian, Cabarrus County Health Department

REPORT:

On August 14, 1973, Mr. & Mrs. Loyd Goodman wrote a letter to Governor James E. Holshouser, Jr., complaining about the condition of a ditch that runs beside their home at 109 St. Mary Avenue, N. W., Concord, N. C. 28025.

The complainant alleges the following:

- 1 - The ditch contains "chemical water" from Kayser Roth Hosiery Company. The water is red in color and has an awful odor.
- 2 - The ditch has not been cleaned out and is causing a mosquito problem.
- 3 - The ditch is washing the complainants' lot away.

The following conditions existed at the time of the September 10, 1973 investigation:

- 1 - The water in the ditch was clear and no odor was detected.
- 2 - Water in the ditch was flowing freely and within natural boundaries beside the complainants' home. An obstruction was observed about 50 yds. upstream. Although no mosquito problem was noticeable at the time of our visit, several automobile tires were observed in the edge of the ditch beside the complainants' home.
- 3 - There appeared to be no recent erosion damage on the complainants' lot.

CONCLUSIONS:

- 1 - An earlier investigation and conference with Kayser Roth Plant Manager, Mr. John Wells, revealed that the water from the hosiery mill is from the air conditioning system. This investigation was conducted by Mr. Everett Calloway, Sanitarian, Cabarrus County Health Department.
- 2 - It appeared that the ditch was recently cleaned upstream from the complainants' home. Mr. Calloway of the Health Department called Concord City Manager, Mr. Paul Francis regarding the aforementioned obstruction. Mr. Francis agreed to have the obstruction removed.

The tires which were observed in the edge of the ditch behind the complainants' home should be removed and properly disposed of as this may be the source of the mosquito problem.

August 27, 1973

Mr. and Mrs. Loyd Goodman
109 St. Mary Avenue, N.W.
Concord, North Carolina 28025

Dear Mr. and Mrs. Goodman:

The Secretary of Human Resources has asked that I reply to your letter of August 14, 1973, concerning a ditch beside your house.

By copy of this letter, I am requesting that Mr. Julian Foscue, III, District Sanitarian, investigate the conditions described in your letter and prepare a report on existing conditions and recommendations made. Mr. Foscue will contact you at the time of his visit.

Yours truly,

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

bm

cc: Mr. Julian M. Foscue, III
Mr. David T. Flaherty (2)
Mr. Marshall Staton



RECEIVED

AUG 24 1973

STATE OF NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
325 NORTH SALISBURY STREET
RALEIGH 27611

SANITARY ENGINEERING
DIVISION

JAMES E. HOLSHOUSER, JR.
GOVERNOR

DAVID T. FLAHERTY
SECRETARY

August 22, 1973

TELEPHONE
919/829-4534

MEMORANDUM

To: Dr. Koomen
Health Services

From: ~~Joseph Balak~~ *Craig Souza*
Special Assistant to the Secretary

Subject: Letters to the Governor
 Letters to the Secretary

The attached correspondence has been referred from the Office of the Governor/Office of the Secretary to this Department and, in turn, is being referred to your agency for appropriate action and direct reply to the writer. Guidance from the Governor's Office stressed the importance of promptness, courtesy, and correctness of the replies. Pending finalization of a system for handling correspondence of this type, the following will apply:

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- c. The reply, or the interim reply if one is required, will begin: "The Governor/Secretary has asked that I reply to your letter of (Date or 'recent letter' if not dated) concerning _____."

Two copies of the reply or interim reply will be forwarded to this office. The original letter to the Governor/Secretary will accompany the copy of the final reply.

Attachment(s): Mr. W. L. Yates 941 *W. L. Yates*
Mr. and Mrs. Lloyd Goodman 990 *Lloyd Goodman*



COPY

STATE OF NORTH CAROLINA

GOVERNOR'S OFFICE

RALEIGH 27611

DHR 990

JAMES E. HOLSHOUSE, JR.
GOVERNOR

August 17, 1973

Mr. and Mrs. Loyd Goodman
109 St. Mary Avenue, N. W.
Concord, North Carolina 28025

Dear Mr. and Mrs. Goodman:

Thank you for your recent letter concerning water from the
Hosiery Mill.

I have forwarded your letter to Mr. David T. Flaherty, Secretary,
Department of Human Resources. He will be getting in touch with you
relative to your problem.

Should you need to contact my office again, please do so. We stand
ready to assist you in any way possible.

Sincerely,

James E. Holshouser, Jr.

JEHjr:jh

cc: Mr. David T. Flaherty, Secretary
Department of Human Resources

Ref ~~7~~

Concord N.C.

Aug 14, 1973

Dear Sir,

I am writing you
concerning a ditch beside our house
the Kayser Bath Machinery mill run
Chemical water in it and it has
an awful odor and it is right at
our bedroom and they is night we
have to close our window it is so
bad and the mosquitoes eat you
up on our porch, we have been
to the health department and they
came and look and promised to
spray but they want do anything
we also went to the City hall
and talk to the City manager he
would ~~not~~ even come and look
or do anything, we talk to the
Alderman he would not do
anything, we took a jar of

2

the water with the chemicals
to the partition place and it
was red stuff in it and he
did not do anything. The
City is suppose to clean
out this ditch once a year
and it has been over 5 years
since they have. And it is
damaging our house and
washing our lot away. And
the Neighbor has call and
and try to get something done
we have lot of children around
here wanting to wade in this
mess we are afraid for them
to it may cause sickness to
them. We try to keep them our
out. I think if the City let the
residing nice use this they
should be made to pipe it

in. they have had to move
this ditch several times on
account of complaints. And
I decide to write you and
find out if there was
any thing you could do
to help us get this mess
clean up we would
appreciate it very much
and you were the only
one else we new to call
on.

yours truly

Mr. Mrs. Lyle Goodman
109 St Mary Ave. - N.H.
Concord N.H. 28025

1973
GOVERNOR'S OFFICE



RECEIVED

AUG 24 1973

STATE OF NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
325 NORTH SALISBURY STREET
RALEIGH 27611

SANITARY ENGINEERING
DIVISION

JAMES E. HOLSHOUSER, JR.
GOVERNOR

DAVID T. FLAHERTY
SECRETARY

August 22, 1973

TELEPHONE
919/829-4534

MEMORANDUM

To: Dr. Koomen
Health Services

From: ~~Joseph Balak~~ *Craig Souza*
Special Assistant to the Secretary

Subject: Letters to the Governor
 Letters to the Secretary

The attached correspondence has been referred from the Office of the Governor/Office of the Secretary to this Department and, in turn, is being referred to your agency for appropriate action and direct reply to the writer. Guidance from the Governor's Office stressed the importance of promptness, courtesy, and correctness of the replies. Pending finalization of a system for handling correspondence of this type, the following will apply:

- a. Replies must be factually correct and respond to each question or situation presented.
- b. If a complete reply cannot be made within 72 hours, an interim reply will be made indicating, of course, that the matter is being investigated, etc., and that a final reply will be forthcoming.
- c. The reply, or the interim reply if one is required, will begin: "The Governor/Secretary has asked that I reply to your letter of (Date or 'recent letter' if not dated) concerning _____."

Two copies of the reply or interim reply will be forwarded to this office. The original letter to the Governor/Secretary will accompany the copy of the final reply.

Attachment(s) : Mr. W. L. Yates 941 *W. L. Yates*
Mr. and Mrs. Lloyd Goodman 990 *Lloyd Goodman*

Craig Souza's
Copy

Health

DEPARTMENT OF HUMAN RESOURCES
Secretary's Office

Date _____

TO: _____

FROM: _____

- Please note and file.
- Please note and return to me.
- Please note and see me about this ____ A.M. ____ P.M.
- Please answer, sending me copy of your letter.
- Please prepare reply for my signature.
- Please take charge of this.
- To be signed.
- For your information.
- Your comments, please.
- RUSH — Immediate action desired.
- Attach previous correspondence and return.

REMARKS:



COPY

STATE OF NORTH CAROLINA
GOVERNOR'S OFFICE
RALEIGH 27611

DHR 990

JAMES E. HOLSHOUSER, JR.
GOVERNOR

August 17, 1973

Mr. and Mrs. Loyd Goodman
109 St. Mary Avenue, N. W.
Concord, North Carolina 28025

Dear Mr. and Mrs. Goodman:

Thank you for your recent letter concerning water from the Hosiery Mill.

I have forwarded your letter to Mr. David T. Flaherty, Secretary, Department of Human Resources. He will be getting in touch with you relative to your problem.

Should you need to contact my office again, please do so. We stand ready to assist you in any way possible.

Sincerely,

James E. Holshouser, Jr.

JEHjr:jh

cc: Mr. David T. Flaherty, Secretary
Department of Human Resources

in. they have had to make
this ditch several times an
account of complaints. And
I decide to write you and
find out if there was
any thing you could do
to help us get this mess
clean up we would.

Appreciate it very much
and you were the only
one else we new to call
on.

yours truly

Mr. Mrs. Laid Goodman
109 St. Mary Ave - N.W.
Concord N.C. 28025

RECEIVED

AUG 16 1973

GOVERNOR'S OFFICE

the water with the Chemical
 to the Pollution place and it
 was not stop in it and he
 did not do anything. the
 City is suppose to clean
 out this ditch once a year
 and it has been over 5 years
 since they have. And it is
 damaging our house and
 washing our lot away. And
 the Neighbor has call and
 and try to get something done
 we have lot of children around
 here wanting to wade in this
 mess we are afraid for them
 to. It may cause sickness to
 them. We try to keep them out
 out. I think if the City let the
 business mill use this they
 should be made to pipe it

Ref ~~1~~

Concord N.C.

Dear Sir,

Aug 14, 1973

I am writing you
Concerning a ditch beside our house
the Kaiser Bath has been run
Chemical water in it and it has
an awful odor and it is right at
our bedroom and they is night we
have to close our window it is so
bad and the mosquitoes eat you
up an see far. We have been
to the health department and they
came and look and promised to
spray but they want do anything
we also went to the City hall
and talk to the City manager he
would ~~so~~ even come and look
or do anything. We talk to the
Alderman he would not do
anything. we took a jar of

C. Evans
SRK

out

June 11, 1973

Mr. Robert S. Smith
704 Crestmont Drive
Concord, North Carolina 28025

Dear Mr. Smith:

Attached is a copy of a report that was prepared by
Mr. Julian M. Foscoe, III, District Sanitarian, following
his investigation of your recent complaint.

Very truly yours,

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

bm

Attachment

cc: Mr. Everett Calloway
Mr. W. V. Covington
Mr. Julian M. Foscoe, III

STATE BOARD OF HEALTH
SANITARY ENGINEERING DIVISION
RALEIGH, NORTH CAROLINA

REPORT OF INVESTIGATION OR INSPECTION OF Solid Waste & Sewage Complaint

Place visited Robert S. Smith property Date June 4 19 73

Address 704 Crestmont Drive, Concord, N. C. 28025 Time spent 2 hours

By whom Julian M. Foscue, III, District Sanitarian, State Board of Health
Everett Galloway, Sanitarian, Cabarrus County Health Department

Persons contacted Mr. Robert S. Smith, Property Owner
(Owner, agent, tenant, manager, other)

Reason for visit Mr. Smith's complaint to the State Board of Health

Copies to: Mr. Robert S. Smith, 704 Crestmont Drive, Concord, N. C. 28025
Mr. Everett Galloway, Sanitarian, Cabarrus County Health Department, P. O. Box 1149,
Concord, N. C. 28025
Mr. W. V. Govington, R.S., Sanitarian Supervisor, Cabarrus County Health Department,
P. O. Box 1149, Concord, N. C. 28025

REPORT:

On June 4, 1973, the above mentioned complaint was investigated. The complainant alleges the following:

1. That solid waste is being dumped on his land.
2. That sewage from nearby homes is being drained into his lake.

The June 4, 1973, investigation revealed the following:

1. The open end of a pipe was observed along a creek near the corner of Mr. Smith's property. It appeared that the pipe originated at a brick home adjacent to Mr. Smith's property. There was no evidence of any discharge from the pipe. Mr. Govington of the Health Department confirmed that he had advised the property owner to disconnect this pipe from his sewage disposal system.
2. Water was observed in the yard at the corner of the road to Mr. Smith's home and Crestmont Drive. The water appeared clear and no odor was detected. The property owner was not at home.
3. A small amount of solid waste was observed on the edge of Mr. Smith's property. Some of the adjoining property owners were found to have improper solid waste storage facilities.
4. Observation at points designated by the complainant revealed no evidence of sewage being drained into the lake.

CONCLUSIONS:

1. Mr. Everett Galloway of the Health Department agreed to consult with adjoining property owners regarding proper solid waste storage and disposal.
2. The lot on the corner of Crestmont Drive and the road to Mr. Smith's property should be surveyed again and the property owner consulted regarding the source of water in the yard.
3. The owner of the brick home should be consulted to ascertain that the drainage pipe is no longer used.

C. Harris
L.R.

May 10, 1973

Mr. Robert S. Smith
704 Crestmont Drive
Concord, North Carolina 28025

Dear Mr. Smith:

Your registered letter to the State Board of Health has been referred to this office for reply.

I am sending a copy of your letter to Mr. Julian Foscue, III, District Sanitarian, requesting that he visit the area and investigate the conditions described and make recommendations to alleviate the problem.

At the time of his visit, Mr. Foscue will contact you and discuss the problem with you.

Very truly yours,

SHU

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

SHU:cle

cc: Mr. Julian Foscue, III

May 7, 1973



Director
N. C. State Board of Health
Raleigh, North Carolina 27602

Dear Sir:

I am writing to you in regards to a situation in Cabarrus County which I think should be brought to your attention. The County Board of Health and the County Board of Commissioners passed an ordinance several years ago outlawing the dumping of garbage, and through public announcements widely urged the cooperation of citizens in stopping the dumping and encouraged witnesses to report violations so they could prosecute.

There have been numerous instances of personal dumping trash and garbage on my land and I have repeatedly requested the local Board of Health to take action and am willing to take out warrants myself, if necessary. My requests have repeatedly been ignored. This is a far cry from the stiff action the local health director has trumpeted in his public speeches and pronouncements.

Not only this, but I have also had problems from sewage being drained into my lake from a nearby mobile home. The county soil conservation service has been helpful in terracing by land, but people keep dumping trash and garbage in the ditches. I am disabled, drawing disability benefits from Social Security, and am not allowed to drive; consequently I am never away from home very long at the time; therefore there is no excuse for the local health department not to do what they are supposed to do. I am financially able to hire help to remove the trash and garbage, so I am not asking for help in maintaining my property. That is my responsibility and I am willing to do anything else required of me personally.

I am reporting this situation to you as an alternative to personally filing suit against the local authorities; however, if no response is received within the next ten days, I am going to see if court action will bring any different results.

Yours very truly,

Robert S. Smith

Robert S. Smith
704 Crestmont Drive
Concord, North Carolina 28025

cc: Mr. Albert J. Klimas
Mr. Hugh Price

RECEIVED
11:45am

MAY 8 1973

SANITARY ENGINEERING
DIVISION

ECOLOGY

ENVIRONMENTAL SERVICES, Inc.

ECOLOGY INDUSTRIES DIVISION

OUR NEW OFFICE:
Granite and West Streets
Midland Park, New Jersey 07432
201-652-3332

201-561-6400

SPECIALISTS IN SCIENTIFIC SYSTEMS FOR WASTE HANDLING AND DISPOSAL

AIR MAIL
SPECIAL DELIVERY

RECEIVED

JAN 23 1973

SANITARY ENGINEERING
DIVISION

January 17, 1973

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

Re: Solid Waste Disposal System for
Cabarrus Memorial Hospital

Subject: State Approval

Dear Mr. Strickland:

With reference to your letter of January 11, 1973 to Mr. Robert L. Wall, Cabarrus Memorial Hospital, concerning cleaning facilities, we offer the following paragraphs as explanation.

The charging hopper which is in an open area and easily accessible can be washed down as frequently as necessary both inside and out. Additionally, through the use of pneumatic conveying material is sucked into the attrition mill thus eliminating any accumulation of material below the charging hopper. Finally, a liquid disinfecting unit is installed above the attrition mill and the liquid is picked up in the air stream and distributed throughout the system and the material. The solution used would be supplied by Cabarrus Memorial Hospital, as governed by the State codes and/or recommendations.

We have had systems installed for approximately two years and have found no build-up of material in the duct work nor have we ever experienced any need to obtain access into this duct. Through the process of grinding the waste and pneumatically conveying it, we have found that the material itself cleans the duct as it passes through it. Also, the disinfectant passes through this duct. Under the operating conditions that this system was designed for, the conveying velocity through this duct is such that the material cannot clog up. If, for some unknown reason this duct should become clogged, provisions have been made so that a roto-roter could be fed into the duct to unclog it. A roto-roter is a device used to clean out sewer lines when they become clogged or overgrown by tree trunks.

Mr. O.W. Strickland
State Board of Health, Raleigh, N.C.

January 17, 1973

Page 2

Ordinarily, there is no cleaning required in the storage bin. The material that is stored in the bin (maximum storage capacity is one to one and one-half days generation of waste) is not subject to odor or insects. This is due to the grinding process and the use of the disinfectant.

Under Grant No. 1-DOI-UI-00004-01 issued by the U.S. Department of H.E.W. to the City of Madison, Wisconsin, a demonstration project on grinding municipal waste for final disposal to sanitary landfill was conducted and the advantages of grinding became apparent. The following are excerpts from an interim report and from a report on this project issued by the E.P.A. ("What's New in Solid Waste Management?" SW-39c.8, Pages 10 and 11):

City of Madison Interim Report- 1966 to 1969: "... the milled refuse has also exhibited good load carrying capabilities... has been used for road building purposes... no appreciable odors have been noticed from the milled refuse... No fly larvae or pupae have been found in the milled refuse to date.... the demonstration project to date has proven that uncovered, milled combined refuse or rubbish can successfully be used for land fill without causing any sanitary or aesthetic problems."

"What's New in Solid Waste Management?":

"Milling reduces the volume of waste, effectively extending the life of the land fill. ... Test cells of milled refuse have been left without earth cover for up to three years as an experiment and no sanitary or aesthetic problems were detected. The material is inert and non-odorous, doesn't harbor or attract rodents and breeding of flies has not been noted."

The storage bin is constructed in such a manner so that material cannot accumulate when the bin is emptied. The design of the bin discharge conveyor is such that in most instances, it cleans itself. This conveyor utilizes strands of drag chain which carry the processed waste out of the bin. Should any waste fall into the bottom of the conveyor, the drag chain, on its return leg, picks up this material and carries it back up into the bin. Should cleaning be desired, the storage bin has an access door and the bin conveyor has access and inspection panels throughout.

We feel the above paragraphs show that we have considered and, where necessary, allowed for cleaning facilities in the system and, specifically, in the areas you mentioned.

If you require further explanation or clarification, please contact us at your earliest convenience (Telephone: (201) 652-3332).

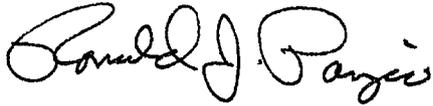
Ecology Industries Division

Mr. O.W. Strickland
State Board of Health, Raleigh, N.C.

January 17, 1973
Page 3

Sincerely,

FOR ENVIRONMENTAL SERVICES, INC.

A handwritten signature in cursive script that reads "Ronald J. Ponzio".

RONALD J. PONZIO
Marketing Manager
Ecology Industries Division

RJP:jm

cc: Mr. S. Covil
Mr. R.L. Wall

January 11, 1973

Mr. Robert L. Wall, Administrator
Cabarrus Memorial Hospital
Concord, North Carolina 28025

LR
Dear Mr. Wall:

This office has received from Environmental Services, Inc., Midland Park, New Jersey schematic drawings and system description of a Solid Waste Disposal system for Cabarrus Memorial Hospital.

From the information received, this office has serious misgivings regarding the system due to lack of consideration being given to cleaning facilities for the Charging Hopper Underground Discharge Race and Storage Bin. As for the waste being disposed of on a sanitary landfill, this office has no objections.

I am sending a copy of this letter to Mr. Stacy Covil, Assistant Chief, Sanitation Section, who has primary responsibility concerning on site storage of solid waste at institutions.

Sincerely,

G. W. Strickland, Program Chief
Solid Waste Management Program
Solid Waste & Vector Control Section
Sanitary Engineering Division

GWS:elf

cc: Mr. Julian H. Pousos, III
Environmental Services, Inc.
Mr. Bill Covington

ECOLOGY

ENVIRONMENTAL SERVICES, Inc.

ECOLOGY INDUSTRIES DIVISION

OUR NEW OFFICE:
Granite and West Streets
Midland Park, New Jersey 07432
201-652-3332

201-561-6400

SPECIALISTS IN SCIENTIFIC SYSTEMS FOR WASTE HANDLING AND DISPOSAL

AIRMAIL
SPECIAL DELIVERY

January 3, 1973

Mr. O.W. Strickland
Program Chief
Solid Waste Management
State Board of Health
P.O. Box 2091
Raleigh, North Carolina 27602

Re: Solid Waste Disposal System for
Cabarrus Memorial Hospital

Subject: State Approval

Dear Mr. Strickland:

The enclosed schematic drawing and system description will explain what we are installing at Cabarrus Hospital and what Mr. Wall outlined to you on December 28, 1972 during your telephone conversation.

The system will not handle pathological or contaminated waste and is designed basically for processing plastics, wood, tin cans, garbage, paper and other normal hospital waste materials.

We trust this information is sufficient for your needs and we would appreciate your earliest reply.

Thank you.

Sincerely,

ECOLOGY INDUSTRIES DIVISION



RONALD J. PONZIO
Marketing Manager

RJP:jm
enc.

cc: Mr. Robert L. Wall, Administrator
Cabarrus Memorial Hospital

RECEIVED

JAN 5 1973

**SANITARY ENGINEERING
DIVISION**

ECOLOGY INDUSTRIES DIVISION

DESCRIPTION OF OPERATION:

Waste may be introduced into the system by means of the charging hopper located in the loading dock area. The charging hopper door will be activated by a foot switch that will control the pneumatic cylinders to open and close the door. When the door is open, a gate valve, located directly below the hopper, will be closed, thus insuring adequate safety protection for the hospital's personnel (i. e. no direct access between the charging hopper and the attrition mill). When the charging hopper door closes, the gate valve will open allowing the waste to fall (by gravity) into the attrition mill. Between the gate valve and the attrition mill will be a chute section with a fresh air inlet and screen.

The attrition mill will grind the waste to a controlled particle size and through the use of an integral material handling fan be expelled through the underground discharge duct. The attrition mill is designed to process a constant feed rate of 2,000#/hour with a momentary surge load capacity equivalent to 4,000#/hour. Excessive amounts of glass and metal may cause abnormal wear and tear to both the attrition mill and the material handling fans.

From the discharge duct, the processed waste will pass through a material handling booster fan and then into the storage bin. In the storage bin, the air and material will be separated; the material will fall out of the air stream while the air will pass through the dust collector, be cleansed and released into the atmosphere.

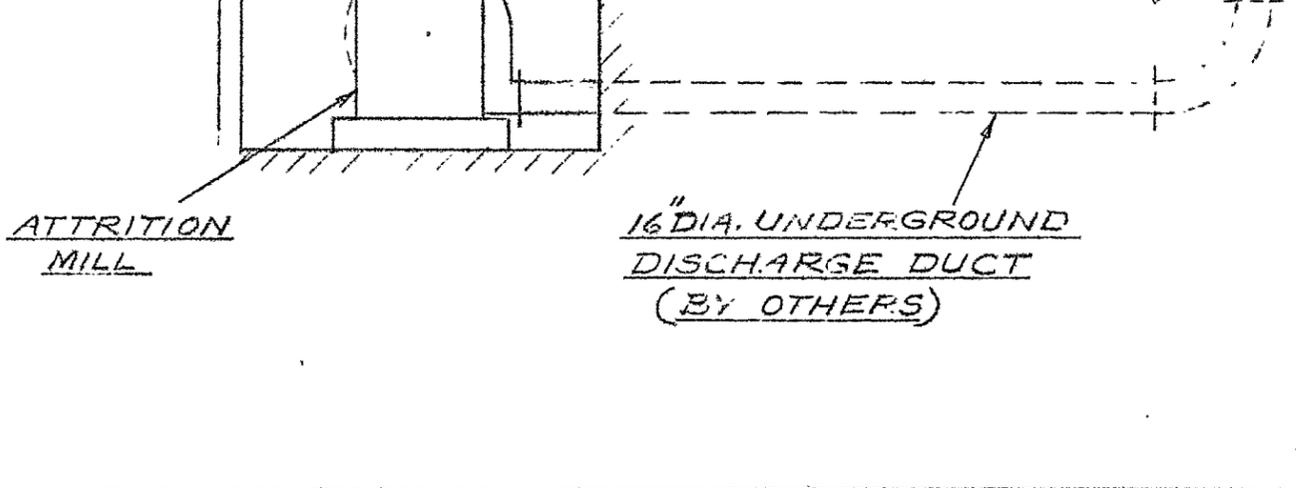
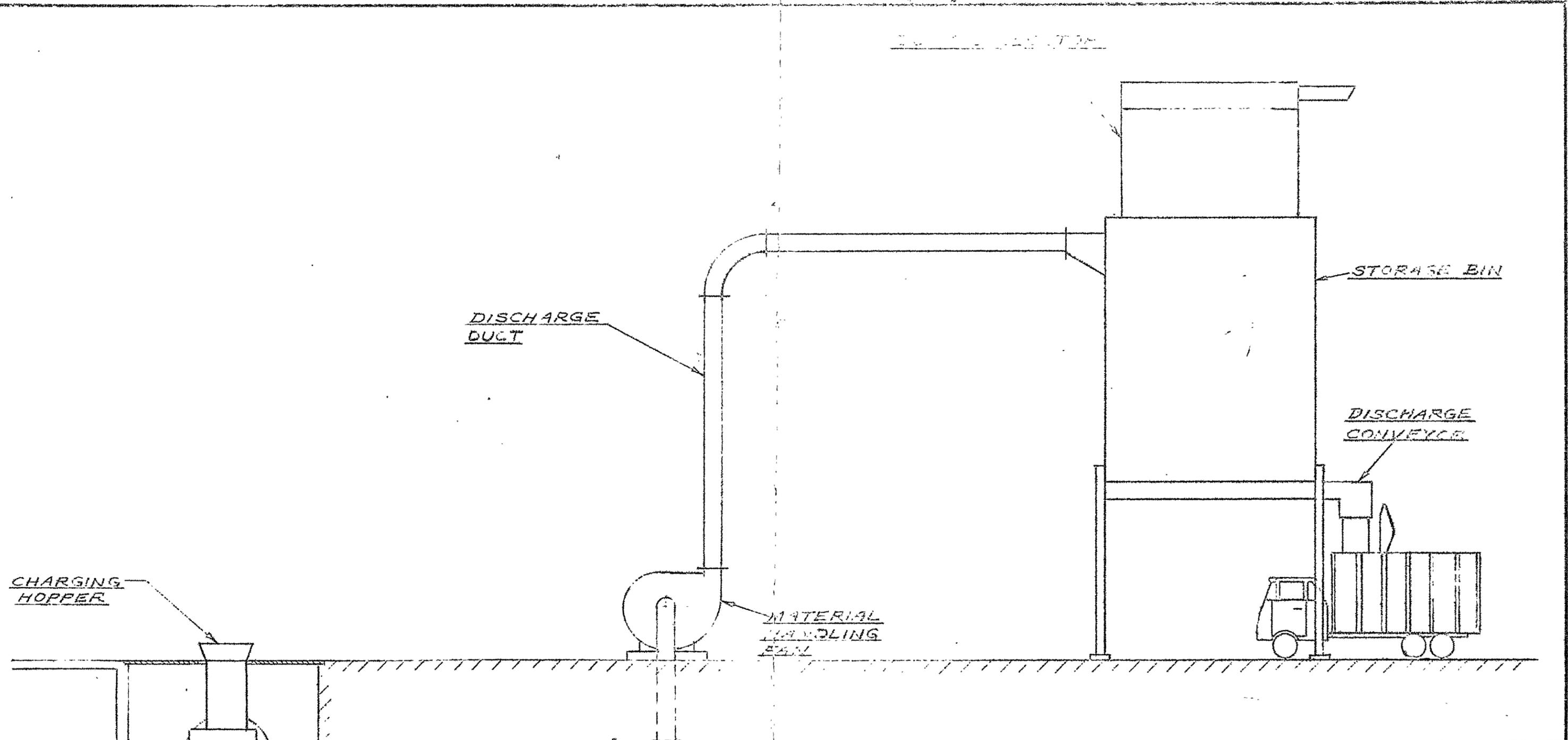
When the storage bin becomes 3/4's full an alarm horn and red indicating light will be activated to inform the hospital's personnel of that condition. When the storage bin becomes full, another indicating light will come on and the horn will sound again; at this point the system (charging door, attrition mill and fans) will be inoperable until the bin has been emptied.

When the City's sanitation truck is ready to accept waste from the storage bin, the discharge door will open and the bin conveyor will begin discharging the material. Controls for this phase of operation will be located at the base of the bin support structure to facilitate ease of operation for unloading the bin. During the cycling phase of the sanitation truck, the bin conveyor will be stopped and then restarted after the cycle is complete.

All phases of system operation will be monitored, sequenced and controlled from the Master Control Panel in the power house. The only exception to

ECOLOGY INDUSTRIES DIVISION

this control will be in the case of unloading of the storage bin after hours at which time the unloading can be done without the master control panel being energized. Remote controls (outside) for the unloading operation will normally be padlocked and energizing of these controls will be through a key switch ONLY.



THIS DRAWING PROPERTY OF
ECCOLOGY INDUSTRIES INC.
NOT TO BE USED FOR ANY PURPOSES DETRIMENTAL TO THE INTERESTS OF THIS COMPANY AND IS SUBJECT TO RETURN UPON REQUEST.

REVISIONS			
NUMBER	DESCRIPTION	DATE	INITIAL

ECOLOGY INDUSTRIES INC.

WASTE DISPOSAL SYSTEM
SCHEMATIC

FOR: CAEARRUS MEMORIAL HOSPITAL
CONCORD, N.C.

SCALE: NONE	DRAWN BY: J.S.	APP. BY:
DATE: 2-9-72	CHECKED BY:	DRAWING NO.: BCE-1003-4
	JOB NO.: E-1003	REV. NO.:

P. O. Box 1149

Concord, North Carolina 28025

Area Code 704 / 782-4121



Cabarrus County Health Department

AK
ALBERT J. KLIMAS, M.S.P.H., Director

November 30, 1972

RECEIVED

DEC 5 1972

Mr. O. W. Strickland
Solid Waste Division
Sanitary Engineering Division
North Carolina State Board of Health
Raleigh, North Carolina 27602

SANITARY ENGINEERING
DIVISION

Dear Bill:

Would you be so kind as to send our department several copies of Bulletin # 411, Revised 4-71, "Rules and Regulations Providing Standards for Solid Waste Disposal."

Thanking you in advance for your helpfulness.

Sincerely,

Cabarrus County Health Department

Chris

(Mrs.) Christine C. Hinson
Secretary
Environmental Health Section

h

*10 copies sent
12-4-72*

NORTH CAROLINA
STATE BOARD OF HEALTH
RALEIGH

January 16, 1973

Mr. Robert L. Wall, Administrator
Cabarrus Memorial Hospital
Concord, North Carolina 28025

Dear Bob:

I have received your letter about the problem you are having with the waste disposal system for Cabarrus Memorial Hospital. The attachment just arrived, and I will get on this right away.

I'm sorry you're having these difficulties, particularly since it seems to involve an inconsistency in advice from this agency. We'll get cracking on this, and see if it can be straightened out.

Sincerely,

WBJ

W. Burns Jones, Jr., M. D., M.P.H.
Assistant State Health Director

WBJ:bmm

January 23, 1973

Mr. Robert L. Wall, Administrator
Cabarrus Memorial Hospital
920 Church Street, N.
Concord, North Carolina 28025

HR
Dear Mr. Wall:

This is to confirm my telephone conversation with you regarding installation of a waste disposal system at the Cabarrus Memorial Hospital.

I would like to repeat that the letter you received from Mr. O.W. Strickland, Program Chief, Solid Waste Management Program, was in no way to be interpreted as a denial for the use of the proposed disposal system. We were only expressing our concern regarding adequate facilities for proper cleaning of this equipment that would meet the sanitation requirements that are enforced by another section. These comments were prepared on the basis of only a schematic drawing that provided no details as to operational characteristics. As for the disposal of the waste from this equipment, this office has no objections that the sanitary landfill be used.

Very truly yours,

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

SHU:bm

cc: Mr. Julian M. Foscue, III
Mr. W. V. Covington, R.S.

NORTH CAROLINA STATE BOARD OF HEALTH

RALEIGH, NORTH CAROLINA

M E S S A G E

R E P L Y

TO

Marshall Station

Re: Bob Wall

Coburns Memorial Hospital

DATE

1/16/73

Marshall-

Would you please give me
a reading on this?

RECEIVED

JAN 17 1973

SANITARY ENGINEERING
DIVISION

BY

Benn

Form N-N73 © The Drawing Board, Inc., Box 505, Dallas, Texas, 75221

INSTRUCTIONS TO SENDER:

1. KEEP YELLOW COPY. 2. SEND WHITE AND PINK COPIES INTACT.

DATE

Jan. 17, 1973.

Dr. Jones:

Mr. Strickland's letter was
mailed after a telephone con-
versation with Mr. Wall. He was
informed that we were not in
any way denying the use of the
equipment but did want to in-
dicate certain possible problem
areas.

I have discussed this by
telephone with Mr. Wall, and
he understands our position.
The equipment will be installed,
as far as this section is concerned.

SIGNED

J. H. Way

INSTRUCTIONS TO RECEIVER:

1. WRITE REPLY. 2. DETACH STUB, KEEP PINK COPY, RETURN WHITE COPY TO SENDER.

NORTH CAROLINA STATE BOARD OF HEALTH

RALEIGH, NORTH CAROLINA

MESSAGE

TO

Marshall Station

Re: Bob Wall

Cubans Memorial Hospital

DATE

1/16/73

Marshall -

Would you please give me
a reading on this?

BY

Beavis

REPLY

DATE

Jan 17, 1973.

Dr. Jones:

Mr. Strickland's letter was
mailed after a telephone con-
versation with Mr. Wall. He was
informed that we were not in
any way denying the use of the
equipment but did want to in-
dicate certain possible problem
areas.

I have discussed this by
telephone with Mr. Wall and
he understands our position.
The equipment will be repaired
as far as this section is concerned.

SIGNED

J. H. Gray

CABARRUS MEMORIAL HOSPITAL

CONCORD, NORTH CAROLINA 28025

ROBERT L. WALL
ADMINISTRATOR

CHARLES R. GILLIAM
JACK M. COOK
ASSISTANT ADMINISTRATORS

January 13, 1973

920 CHURCH ST., N.
TELEPHONE
AREA CODE 704
786-2111

Dr. W. Burns Jones, Jr.
Assistant State Health Director
State Board of Health
P. O. Box 2091
Raleigh, North Carolina 27602

Dear Burns:

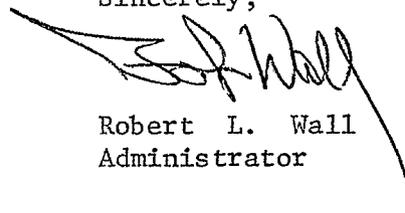
I am enclosing a letter from Mr. Strickland, which is self-explanatory. We are at the point of installing this waste disposal system and now find it is unsatisfactory to the State Board of Health.

We had involved representatives from the State Board of Health who are now retired and had advised us that this system was acceptable. It meets the sanitation code of New York City, which is as I understand it one of the most rigid in the country.

We would not think of installing a system costing nearly \$100,000 without approval or conversation with your agency. We are now in a quandary as to what to do or how to proceed. Can you please advise me how I can get through the "red tape" so that the contractors can either complete the project or else tell us so we can default on our contract with Environmental Services.

I would appreciate hearing from you at your earliest convenience.

Sincerely,



Robert L. Wall
Administrator

RLW:hw

from the desk of

ROBERT L. WALL

TO

1/15/73

Burns:

Sorry the attached letter was inadvertently omitted from the one you received today. Hope it hasn't caused you any inconvenience.

We look forward to hearing from you at your earliest convenience.

Bob Wall



STATE OF NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES

STATE BOARD OF HEALTH

P. O. Box 2091
RALEIGH 27602

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

January 11, 1973

ROBERT W. SCOTT
GOVERNOR

LENOX D. BAKER, M.D.
SECRETARY

Mr. Robert L. Wall, Administrator
Cabarrus Memorial Hospital
Concord, North Carolina 28025

Dear Mr. Wall:

This office has received from Environmental Services, Inc., Midland Park, New Jersey schematic drawings and system description of a Solid Waste Disposal System for Cabarrus Memorial Hospital.

From the information received, this office has serious misgivings regarding the system due to lack of consideration being given to cleaning facilities for the Charging Hopper, Underground Discharge Duct and Storage Bin. As for the waste being disposed of on a sanitary landfill, this office has no objections.

I am sending a copy of this letter to Mr. Stacy Govil, Assistant Chief, Sanitation Section, who has primary responsibility concerning on site storage of solid waste at institutions.

Sincerely,


O. W. Strickland, Program Chief
Solid Waste Management Program
Solid Waste & Vector Control Section
Sanitary Engineering Division

OWS:clf

cc: Mr. Julian M. Foscue, III
Environmental Services, Inc.
Mr. Bill Covington

Cabarrus
SA

STATE BOARD OF HEALTH
SANITARY ENGINEERING DIVISION
RALEIGH, NORTH CAROLINA

REPORT OF INVESTIGATION OR INSPECTION OF Open Dump

Place visited Hooper Hosiery / Date October 1 19 72

Address 911 Rainbow Drive, Kannapolis, N. C. Time spent 1 hour

By whom Everett Galloway, Sanitarian, Cabarrus County Health Dept., and Julian M. Foscue, III, District Sanitarian, N. C. State Board of Health

Persons contacted Mr. Jimmy Hooper, Owner
(Owner, agent, tenant, manager, other)

Reason for visit Non-conforming site inspection

Copies to: Mr. Everett Galloway, Sanitarian, Cabarrus County Health Department
Mr. Jimmy Hooper, 911 Rainbow Drive, Kannapolis, N. C.

REPORT:

On October 1, 1972, Mr. Everett Galloway, Sanitarian, Cabarrus County Health Department, and I visited Hooper Hosiery, 911 Rainbow Drive, Kannapolis, North Carolina, and talked to Mr. Jimmy Hooper concerning the open dump on Hooper Hosiery property. This dump is used for disposal of hosiery waste. A small amount of household waste was also observed at this site.

Mr. Hooper agreed to accomplish the following:

1. All solid waste is to be disposed of at the county landfill.
2. Household waste is to be compacted and covered within seven days.
3. All solid waste is to be compacted and covered within sixty days.

JMF:bm

September 20, 1972

RECEIVED

SEP 25 1972

Mr. W. V. Covington
Cabarrus County Health Department
P. O. Box 1149 *JSA*
Concord, North Carolina 28025

SANITARY ENGINEERING
DIVISION

Dear Mr. Covington:

Per our telephone conversation on September 18, 1972, concerning model ordinances to control disposal of liquid wastes, I am enclosing Digest of Selected Local Solid Waste Management Ordinances.

If we can be of further assistance, please feel free to contact us.

Sincerely,

Ronald L. Ellis
Acting Chief
Solid Waste Abatement Section
Solid Waste Management Branch

~~cc: Mr. Sidney Ustry~~

RECEIVED

NORTH CAROLINA STATE BOARD OF HEALTH

SEP 11 1972

APPLICATION FOR STATE AID IN MOSQUITO CONTROL

SANITARY ENGINEERING

APPLICANT: Cabarrus County Health Department
(Board of Health, City Council, etc.)

DATE: 9-7-72

ADDRESS: P. O. Box 1149, Concord, N.C. 28025

Application is hereby made to the North Carolina State Board of Health for aid in mosquito control for the fiscal year ending June 30, 1973. The applicant has appropriated the funds shown below for mosquito control during the fiscal year and has in its possession, or otherwise available, the other assets and facilities listed.

CASH APPROPRIATION:	(a) Adulticiding -----	\$	_____
	(b) Water Management -----	\$	_____
EQUIPMENT RENTAL:	-----	\$	_____
(Attach itemized equipment list with rental computed according to attached schedule)			
TOTAL LOCAL ASSETS			\$ 8,099.42

As the duly authorized official of the applicant, I have drawn and herewith submit this application for mosquito control aid. I agree that the following provisions of this instrument shall be binding upon the use or expenditure of any funds or other assets allocated:

- A. To assume such responsibility for claims for damage resulting from the operation of the project as is necessary to absolve the State or any of its departments or agencies from any liability whatsoever from such claims.
- B. To submit such plans as may be required to the North Carolina State Board of Health, and to perform all work in conformity with the plans that are approved by the appropriate representative of the State Board of Health.
- C. To use funds provided by the North Carolina State Board of Health and those shown on the project application as being provided by the applicant exclusively for mosquito control, in accordance with the approved plan and the regulations of the State Board of Health.
- D. To perform all mosquito control under the direction of a competent supervisor whose qualifications meet the approval of the North Carolina State Board of Health.
- E. To submit reports at the end of each month showing work performed during the month, expenditures made, facilities utilized, and materials expended.
- F. To submit a certified financial statement to the North Carolina State Board of Health no later than ten days after the last day of December and June of each year. Such statement must include an itemized account of expenditures during the preceding six months, of both local and State funds, as well as an itemized account of other assets and facilities that have been utilized to carry out the mosquito control project.

- G. To return to the North Carolina State Board of Health, at the end of December and June of each year, all State funds that were not matched by the expenditure of local funds, or the monetary value of other facilities utilized for mosquito control purposes during the preceding six-months' period.

Cabarrus County Board of Health
(Board of Health, City Council)

BY: Albert J. Klimas
(Signature of Authorized Official)

Health Director
(Official Title)

APPROVED: _____
(Health Director's Approval
is Required if Applicant is
Other than Health Department)

DATE: September 8, 1972

P. O. Box 1149

Concord, North Carolina 28025

Area Code 704 / 782-4121



Cabarrus County Health Department

ALB
ALBERT J. KLIMAS, M.S.P.H., Director

April 20, 1972

RECEIVED

APR 21 1972

SANITARY ENGINEERING
DIVISION

✓
Mr. Sidney H. Usry, Chief
Solid Waste & Vector Control Section
Sanitary Engineering Division
N. C. State Board of Health
P. O. Box 2091
Raleigh, N. C. 27602

Dear Mr. Usry:

Replying to your letter of April 11, 1972, regarding Pollution Help Line Report 499, items 5 and 6 concerning Cabarrus County. This department has done as follows:

- Item 5 - Investigated the garbage and trash on S.R. 1608 and have had some of the rubbish cleaned up and will continue to try to prevent dumping in this area. We saw no fish heads in the river at time but made inquiries and believe we have found and corrected this situation. The fish camp burned some time ago as so this wasn't the polluter. The dye waste was coming from Iredell County and I discussed this with the Water and Air Resources Department.
- Item 6 - Pollution of Buffalo Creek at S.R. 1132, this does receive the discharge from Concord Sewer Plant and dye waste from industry. We were aware of this and took steps to improve this stream.

We appreciate your letter and especially Mr. Hildreth's calling our attention to the conditions he noted in Cabarrus County. We are making a very strenuous effort to improve environmental conditions in our county and it is most gratifying for the citizens to take the time and effort to report these conditions. I feel that it is only by all of us working together can we really improve our environmental conditions.

My very best regards to you.

Sincerely,

Bill Covington
W. V. (Bill) Covington, R.S.

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

James S. Raper, M.D.
President
Asheville

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

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

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

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

J. M. Lackey
Hiddenite

Paul F. Maness, M.D.
Burlington

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

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

NORTH CAROLINA
STATE BOARD OF HEALTH

P. O. BOX 2091
RALEIGH, NORTH CAROLINA 27602

April 11, 1972

*See: for
Dawson
4/11/72*

Mr. W. V. Covington, R.S.
Cabarrus County Health Department
Post Office Box 1149
Concord, North Carolina 28025
J M

Re: Pollution Help Line Report 499

Dear Mr. Covington:

I am enclosing a copy of the above mentioned report from Mr. Claude Hildreth, Charlotte, North Carolina. I would appreciate your investigating those items that are described as being problems in your county.

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

Very truly yours,

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

SHU:bm

Enclosure

cc: Mr. Claude Hildreth
Mrs. Jackie Wall

Cabarrus
NR

October 6, 1971

Dr. Robert Ligon McWhorter, Jr.
The Medical Clinic
14 Lake Concord Road N.E.
Concord, North Carolina 28025

Dear Dr. McWhorter:

The insect larvae that were sent to the State Board of Health for identification and listing Charles Dockman as the patient are Telmatoscopus albipunctatus, one of the aquatic Diptera. These fly larvae are often found in polluted streams, open wells, and containers which contain polluted water.

Sincerely,

D. F. Ashton, Entomologist
Solid Waste & Vector Control Section
Sanitary Engineering Division

DFA:bm

SYPHILIS SEROLOGY

Form ID-1

Flow

Laboratory Number

at Paracyst

Laboratory Division
N. C. State Board of Health
P. O. Box 711
Raleigh, N. C. 27602

Blood Spinal Fluid

Date Taken *10-1-71*

Laboratory Results

Purpose:

- Diagnosis Prenatal
- Marriage Check on progress
- Routine Survey

Patient

Charles Dickman

Dr.

McWhorter

Address

Age

Sex

Race

Zip Code

Marital Status

FTA-ABS

Circle in red when this test is desired and fill out this form in duplicate.

Dr. Robert Ligon
McWhorter, Jr.
to The Medical Clinic

14 Lake Concord Rd N.E.
Concord, N. C. 28025

November 5, 1971

Mr. E. G. Treverton
Bedding Inspector
Western Regional Office
N. C. State Board of Health
Biltmore Plaza Office Building
Asheville, North Carolina 28803

Dear Mr. Treverton:

On your next visit to Concord, I would like for you to contact Mr. Albert J. Klimas, Health Administrator, Cabarrus County Health Department, in regard to a matter that he has brought to my attention. *SHU*

Very truly yours,

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

SHU:bm

April 30, 1971

Mr. W. B. Covington, R.S.
Cabarrus County Health Department
Post Office Box 1149
Concord, North Carolina 28025

lvR
Dear Bill:

As requested in your letter of April 28, 1971, I am enclosing a copy of the North Carolina Rules and Regulations Providing Standards for Solid Waste Disposal. I will be glad to send you more copies as soon as we receive them from our publishers.

Sincerely,

O. W. Strickland, Program Coordinator
Solid Waste & Vector Control Section
Sanitary Engineering Division

bm

Enclosure

P. O. Box 1149

Concord, North Carolina 28025

Area Code 704 / 782-4121



Cabarrus County Health Department

ALBERT J. KLIMAS, M.S.P.H., *Director*

April 28, 1971

RECEIVED

SANITATION DIVISION

Mr. O. W. Strickland
Solid Waste & Vector Control
Sanitary Engineering Division
N. C. State Board of Health
P. O. Box 2091
Raleigh, North Carolina 27602

Dear Bill:

If you have any copies of "Rules & Regulations Providing Standards for Solid Waste Disposal", I would appreciate it if you would send me three or four copies.

Thanking you in advance.

Sincerely,

Cabarrus County Health Department

Bill

W. V. (Bill) Covington R.S.

WVC/cch

Cabarrus
JTB

October 13, 1970

Mr. H. C. Baker
16 Poplar Tent Road
Concord, North Carolina 28025

Dear Mr. Baker:

In regard to your letter of September 24, 1970, I have discussed this matter with Mr. Albert J. Klimas, Health Administrator, Cabarrus County Health Department. He has agreed to have a member of his staff check this complaint one more time to determine if it is a matter that is within the jurisdiction of the health department to solve.

I also discussed the problem with Mr. O. W. Strickland who has investigated the conditions there on two occasions. He made recommendations for the alleviation of these conditions.

If the investigation by the local health department determines that the complaint is not within their jurisdiction, I would feel that it is a matter that will have to be handled through legal procedures.

Very truly yours,

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

SHU:bm

cc: Mr. Albert J. Klimas

RECEIVED

Concord, N.C.
Sept. 24, 1970

SEP 24 1970

Dear Sir, SANITATION ENGINEERING
DIVISION

Just to let you know the wash water is still running in my chicken lot from Mr. Almon. There are two washers from 2 houses. And now his septic tank or sink is running over. All of it together sure does stink. I called the health department and they said there was nothing they could do about it. We do have a poor health department here. It is nothing but pollution and mosquito beds out there. They told me at the health department I would have to see the State Board of Health. Can you do

Something about it? You promised
us it would be fixed last Oct.
The water is black green and is
an inch or two deep. And please
sir, if you cannot help could
you not tell us some body that
could give us a little help. Thank
you.

Yours truly,
Mr. + Mrs. H.C. Baker
16 Poplar Tent Road
Concord, N.C. 28025

Edith M. Dennis
110 Winecoff Ave. N. E., Concord, N. C. 28025

Cabarrus
JFK

April 14, 1970

Mr. Sidney D. Usry, Chief
Insult & Cadent Section.

Dear Sir:

This is not a letter of
Complaint, I've already written
you one of those last November.
When I received your letter I was
pleased that it sounded as
if something was going to be
done about my situation. Then
when Mr. Strickland and a man
from our county came to inspect
they talked with my mother,
not me. They listened to her
and then talked down to her
as if she was crazy so even
want anything done about the
ditch.

Edith M. Dennis
110 Winecoff Ave. N. E., Concord, N. C. 28025

Since we have lived here we've
always had a problem with
drainage, that's why I had the
ditch dug in the first place.
Since my neighbor put in his
swimming pool I have been
disturbed about water standing
in it and children being around
it in hot weather. I'm a
nurse and I have to think
about hepatitis. The ditch has
not been cleaned out so far.
Don't worry - I'm hiring some
one to dig it deeper and
I'll keep it clean.
You won't hear from us
again and for this I know
you'll be thankful. But I

Edith M. Dennis
110 Winecoff Ave. N. E., Concord, N. C. 28025

just wonder what taxpayers
can expect from their tax
dollars wherever they are.
I'm sorry to have taken up
even this little bit of your
busy time.

Edith Dennis

November 28, 1969

Mr. Albert J. Klimas, Health Director
Cabarrus County Health Department
P. O. Box 1149 *JVR*
Concord, North Carolina 28025

Dear Mr. Klimas:

I am enclosing a copy of the investigation report that
was made by Mr. O. W. Strickland regarding the complaint from
Mrs. Edith Dennis.

Very truly yours,

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

SU/mg

STATE BOARD OF HEALTH
SANITARY ENGINEERING DIVISION
RALEIGH, NORTH CAROLINA

REPORT OF INVESTIGATION OR INSPECTION OF Drainage Problem

Place visited Mrs. Edith Dennis Date November 26, 1969
Address 110 Winecoff Ave., N.E., Concord, N. C. Time spent 2 hours
By whom Mr. Everett Callaway, San. Aide; Mr. O. W. Strickland, Dist. San., State Board of Health
Persons contacted Mrs. Edith Dennis
(Owner, agent, tenant, manager, other)
Reason for visit Letter to State Board of Health dated November 10, 1969, from Mrs. Dennis.
Copies to: Mr. Albert J. Klimas, Health Director, Cabarrus County Health Dept., Concord, N.C.

REPORT:

Mr. Callaway and I visited the premises of Mrs. Edith Dennis, 110 Winecoff Avenue, N.E., Concord, North Carolina, in reference to a complaint made to the State Board of Health concerning a drainage problem. At the time of our visit, there was no drainage problem.

Mrs. Dennis agreed to call Mr. Callaway at the local Health Department if the drainage became a problem.

Cabarrus
JPR

November 13, 1969

Mr. O. W. Strickland
District Sanitarian
N. C. State Board of Health
P. O. Box 2091
Raleigh, North Carolina 27602

Dear Mr. Strickland:

I am attaching a copy of a letter from Mrs. Edith M. Dennis,
110 Winecoff Ave. N.E., Concord, North Carolina.

On your next visit to the area, I would appreciate your
investigating this complaint and prepare a brief report describing
conditions found, persons contacted, and recommendations made.

Very truly yours,

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

SU/mg

cc: Mrs. Edith M. Dennis

Mr Jarrett

Edith M. Dennis

110 Winecoff Ave. N. E., Concord, N. C. 28025

NOV 11 1969
please answer

RE
November 10, 1969

Dear Sir:

I am writing you for
advice.

I have a ditch cut
behind my house, its at
least 100 from anyone,
also one cut crosswise
this is because of all
the water pooling in my
yard when it rains.
I have a neighbor who
built a big swimming
pool in his back yard
this summer. They say it

Edith M. Dennis
110 Winecoff Ave. N. E., Concord, N. C. 28025

never has to be emptied
but they have a pump
that pumps out the
over flow in this ditch
behind my house, therefore
water stands in this ditch
and when he pumps the
water out it runs back
into my yard.

I called our Health
Department and spoke to
one of the Sanitarians and
he referred me to Concord's

Edith M. Dennis
110 Winecoff Ave. N. E., Concord, N. C. 28025

building inspector. He
told us he would talk
to him and have him
connect this to his
sewage or keep the
ditch cleaned out. (we
live in the city) He
has done neither. This
was five months ago.
What do I do next?
I would appreciate an
answer.
Thank you,
Edith M. Dennis

SURVEY DATA
and
PROPOSED MANAGEMENT PROGRAM
for
SOLID WASTE DISPOSAL
in
CABARRUS COUNTY

Prepared By
SANITARY ENGINEERING DIVISION
NORTH CAROLINA STATE BOARD OF HEALTH
Raleigh, N. C.

SECTION I - Introduction

In the overall environmental sanitation picture of rapidly expanding urban communities of North Carolina, the problem of how to handle the estimated 4,511,000 tons of refuse produced annually offers one of our greatest challenges. This is a problem of the community as well as the individual and continual disregard on the part of either will certainly result in unnecessary disease and annoyance. Lack of understanding, carelessness and indifference is largely responsible for our present problems. Frequently, individual effort is fruitless without public control, but, at the same time, efforts of public health agencies are doomed to failure without support of individual citizens.

Refuse which is contaminated with disease organisms originating in the home or institutions provides food and shelter for many of our most important public health pests, insects and rodents. It is, therefore, necessary that refuse be handled in an acceptable manner from the point of origin to that of disposal. Refuse, at the point of origin, is largely the responsibility of the producer and must be stored in an approved manner. Refuse collection is accomplished in three ways: (1) by the individual, (2) by a governmental agency using public funds, and (3) by private contract garbage collectors who are paid by the individual receiving the service. Refuse disposal is normally accomplished by (1) the individual who utilizes his own land or disposal areas belonging to private or public agencies, (2) by governmental agencies who utilize publicly-owned disposal areas or (3) by private collectors who provide their own disposal area or utilize that of a public agency. No longer is the old-fashioned, insanitary refuse dump acceptable in today's society as a means of refuse disposal. An open dump is aesthetically offensive because of smoke and odors and is responsible for the reduction

of adjacent land values, and are gradually being replaced by the sanitary landfill or other sanitary means of refuse disposal.

The entire process of refuse handling must be carried out in such a manner that the public health of the community is protected, that the extent and character of the service is in accord with the desires of the people, and that the operation is conducted effectively and economically.

SECTION II - Legal Aspects

Authority to Regulate

Boards of Health

County boards of health have the authority to regulate the collection and disposal of refuse. This authority is based on the broad powers as set forth in G. S. 130-17 which permits boards of health to make rules and regulations as necessary to protect and to advance public health. Such regulations typically cover three major areas:

- (1) The type of container in which garbage is stored.
- (2) Sanitation standards for equipment used in the collection of refuse.
- (3) Standards and methods for disposal.

Attached to this report is a copy of an ordinance that has been prepared for adoption by the local boards of health for the control of storage, collection, and disposal of refuse.

Boards of Commissioners

County boards of commissioners have authority to regulate under G. S. 153-272 through 275, the collection and disposal of refuse by private persons and firms outside municipal boundaries.

In exercising this authority, the board of commissioners may:

- (1) Issue licenses or permits for the collection and disposal of refuse.

- (2) Prohibit collection and disposal by unlicensed persons.
- (3) Grant licensed persons exclusive rights to collect in designated areas.
- (4) Regulate the fees charged for private collection services.
- (5) Operate collection and disposal services.

Authority to Finance

The 1967 General Assembly amended G. S. 153-77 and G. S. 153-80 of the County Finance Act to authorize the issuance of bonds for sanitary landfills and for vehicles and equipment.

SECTION III - The Refuse Problem in Cabarrus County

The survey of Cabarrus County was completed in 1968 and the data has been summarized on the attached table. In addition, the following general information was gathered in regard to the storage, collection, and disposal of refuse.

Storage: Under authority stated in Section II of this report, the Cabarrus County Board of Health has adopted administrative regulations governing on-site storage. These regulations are not being enforced in rural Cabarrus County or in Mt. Pleasant, this involves a population of 52,536 people. The City of Concord with a population of 18,755 people does enforce on-site storage regulations. Refuse in the county is stored on the ground, in 55 gallon barrels, or in other type containers, many of which have no lids. This provides ideal conditions for the breeding and feeding of flies, rats and other pests.

Collection: The refuse in the municipalities and in about 60% of the county is collected once or twice a week. The municipalities use their own manpower for collection. Private collection firms serve the county. The County Commissioners under authority stated in Section II of this report have adopted regulations governing the collection in the county but they are not enforced.

Disposal: The study reveals that an estimated 57,141 tons of refuse-- household, commercial, industrial, institutional--is being collected annually by municipalities and private collection firms in Cabarrus County. Fifteen thousand six hundred sixty tons of this refuse is disposed of in Rowan County. The remaining 41,481 tons are placed at four disposal sites in Cabarrus County, 21,132 tons are placed in a sanitary landfill operated by the City of Concord, the remaining

20,349 tons are placed at three sites operated as open dumps with burning. The County Commissioners and County Board of Health have adopted regulations under authority stated in Section II of this report requiring all refuse to be disposed of by sanitary landfill but these regulations are not enforced.

The study further reveals that there are 22,544 people living in rural Cabarrus County who have no collection or disposal service. Computing their annual production rate at less than the urban dweller, an estimated 12,410 tons of refuse is produced by them annually. Part of their tonnage is being burned and part is being buried on the farms, but a large part is cluttering our farms, woodlands, streams and highways.

SECTION IV - Recommendations

To protect the health of the people of Cabarrus County and to prevent the depreciation of the county's environment, the following plan for storage, collection and disposal of refuse is recommended:

Storage: Enforce ordinance that has been adopted under authority stated in Section II of this report requiring all householders to provide containers of a type approved by the Health Director. Every such container shall be constructed of metal, or equally durable material, in such a manner as to be strong, watertight, not easily corrodible, fly and rodent proof, be equipped with handles and shall have a capacity of not more than 32 gallons.

Businesses and institutions shall provide containers that are in accordance with those required for householders other than size which may vary with the approval of the Health Director.

Collection: It is recommended that collection in unincorporated areas of Cabarrus County be left to private enterprise. Regulations adopted

under authority as stated in Section II of this report should be enforced.

Disposal: In preparation of recommendations for the disposal by sanitary landfill, it is necessary to consider length of haul, volume of refuse, and cost to county and municipalities. Based on these factors, it is recommended that:

- (1) The Cabarrus County Board of Commissioners, in cooperation with the City of Concord, provide one sanitary landfill in the general vicinity of the proposed location shown on the enclosed map to serve the total population other than that population served by Cannon Mills.
- (2) Cannon Mills continue to operate their sanitary landfill.
- (3) After the proposed site is in operation, the present dumps should be closed and covered with two feet of compacted earth.

There is nothing in these recommendations that would prevent the individual from disposing of his own refuse as long as it is done in a manner approved by the Health Director.

Supervision: In order that adequate supervision may be provided, it is recommended that one person be added to the staff of the Cabarrus County Health Department whose sole duty shall be the promotion of this program including the education of the public and supervision of the landfill operations.

SECTION V - Cost Analysis

The following cost estimates are based on the operation of one sanitary landfill for the total population of Cabarrus County other than the amount disposed of by Cannon Mills.

Capital Investment

Sites

1 site - 50 acres
(No estimated cost was made on land.)

Equipment

One (1) high lift loader with multi-purpose bucket (Allis Chalmers - HD-11 or equal)	\$40,000
One (1) pick-up truck	\$ 2,000
One (1) structure to provide shelter for equipment and office space	<u>\$ 4,000</u>
	\$46,000

Annual Operation Cost

Employment

One (1) loader operator	\$ 6,000
One (1) site manager	\$ 2,000
Fuel and Repairs	\$ 4,000
Equipment Depreciation	\$ 3,500
Miscellaneous (site preparation--earth moving, etc.)	<u>\$ 8,000</u>
	\$23,500

Note: If Cannon Mills was to discontinue their operation and bring their refuse to this site, it would require an additional piece of equipment and operator. This would add \$13,500 to the operating cost and make the total \$37,000.

SECTION VI - Conclusion

(1) Adequate administrative regulations have been adopted by both the County Board of Health and County Commissioners but they are not being enforced.

(2) This is a problem that affects the total population from the farmer who is being dumped upon to the person who lives near an open,

burning dump.

(3) The Insect and Rodent Control Section of the State Board of Health, through your local Health Department, is available to assist in any way possible.

(4) The recommendations of this report were made to meet the anticipated needs for a ten year period. Before the end of this time, exhaustive studies of new methods should be made and incorporated in plans for the future.

**SUMMARY OF SOLID WASTE COLLECTION
& DISPOSAL SURVEY DATA**
Cabarrus County

Total Population: 71,291
Urban: 19,796 Rural: 51,495

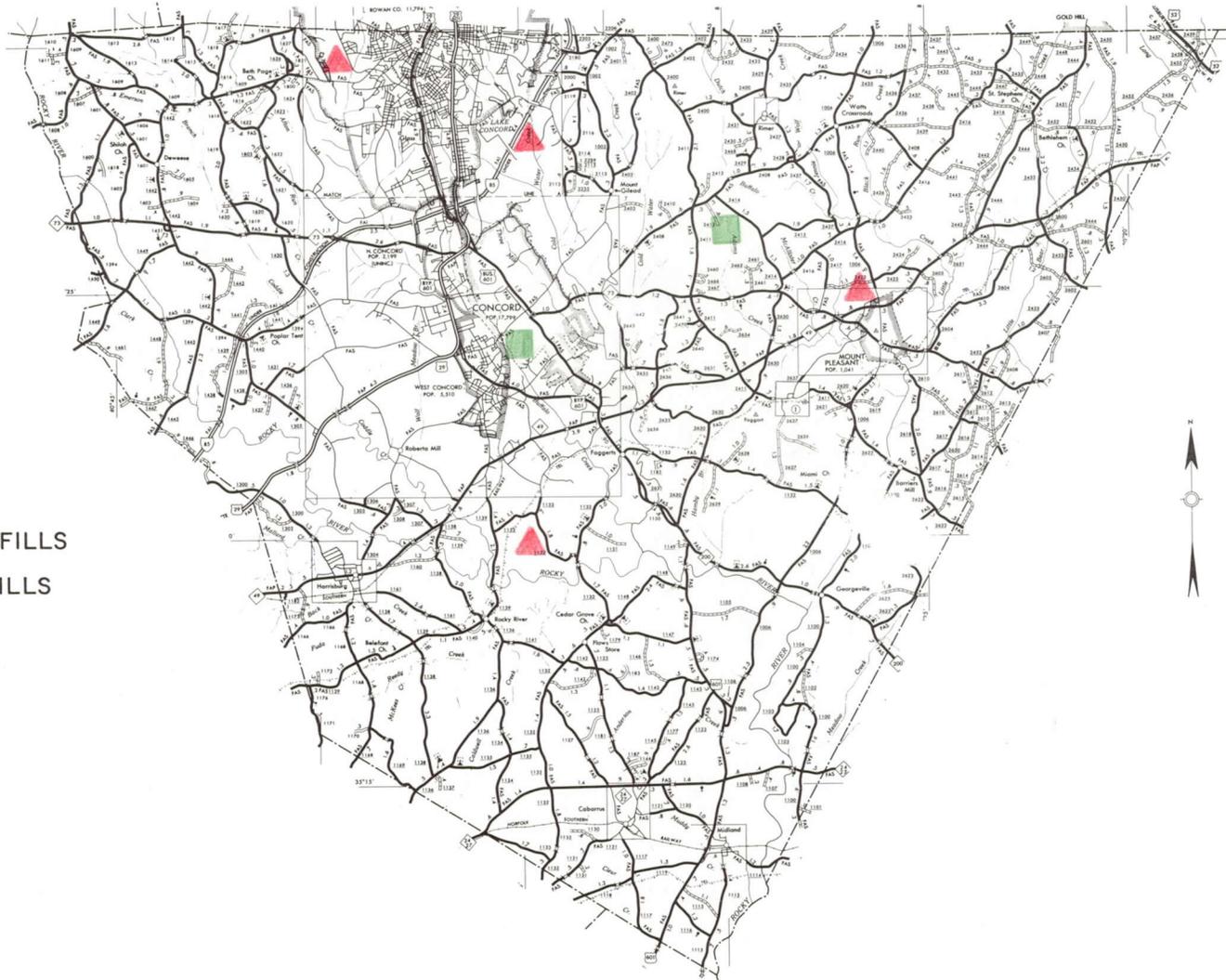
Total Area (sq.mi.) 360
Date Compiled: 1/2/68

UNIT	AREA (sq.mi.)	POPULATION	QUANTITY PER ANNUM (tons)	TOTAL EXPENDITURES	COLLECTION						DISPOSAL				SEE NOTE NO.	
					BY	NO. OF MEN	NO. OF TRUCKS		FREQUENCY		BY	NO. OF MEN	EQUIPMENT			USABLE ACRES
							COMP.	OTHER	RES.	COMM.			NO.	TYPE		
Concord	4.9	18,755	21,132	135,000	PA	25	5	5	2 FW	5 FW	SL	1	1	Loader	1	1
Mt. Pleasant		1,041	2,036		PA	2	0	1	2 FW	2 FW	OD	0	0		10	2
Fishertown Dump		5,149	5,797		PC	7	1	2	1 FW	1 FW	OD	0	0		1	3
Earnhardt Road Dump		5,149	5,407		PC	6	1	2	1 FW	1 FW	OD	0	0		1	3
Cabarrus Disposal Co., Inc.		6,179	7,109		PC	10	2	2	1 FW	1 FW	OD	0	1	Loader	149	
Cannon Mills		12,474	15,660		PC		2	6	2 FW	5 FW	SL	1	1	Loader	3	4
Cabarrus County		22,544	12,410													5

NOTES:

1. Industrial refuse collected by individual firms.
2. Men work on refuse collection two days per week.
3. This disposal site is used by Royal Garbage Service, Inc.
4. This disposal site is located in Rowan County. Refuse is collected in Cabarrus County.
5. No collection - no disposal

PA - Public Agency PC - Private Collector SL - Sanitary Landfill OD - Open Dump



LEGEND

- PROPOSED LANDFILLS
- EXISTING LANDFILLS
- OPEN DUMPS



CABARRUS COUNTY
NORTH CAROLINA

RULES AND REGULATIONS GOVERNING THE STORAGE, COLLECTION,
TRANSPORTING, AND DISPOSAL OF REFUSE IN _____
COUNTY, NORTH CAROLINA

Be It Ordained By The _____ Board of Health:

That the following regulations for the protection of public health are hereby adopted pursuant to authority granted by Section 17 of Chapter 130 of the General Statutes of North Carolina, and shall govern the storage, collection, transporting, and disposal of refuse throughout _____ County, except that these regulations shall not apply to the area within any municipality, sanitary district, or other governmental unit which operates its own refuse collection and disposal system.

SECTION I - DEFINITIONS

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

- A. The word "refuse" means garbage or rubbish.
- B. The word "garbage" means all putrescible solid wastes, including vegetable matter, animal offal, and carcasses of small animals, but excluding human body wastes, animal manure, and recognizable industrial by-products. Used milk cartons, or other discarded food containers that are not dry and clean shall be included in this definition
- C. The word "rubbish" means non-putrescible solid wastes.
- D. The term "Health Director" means the director of the _____ County Health Department, or his authorized representative.
- E. The word "person" means any individual, firm, governmental unit, organization, partnership, corporation, or company.
- F. The term "refuse collector" means any person who collects or transports refuse, other than one who removes refuse from his own premises.

SECTION II - REFUSE STORAGE

No owner, occupant, tenant, or lessee of any premises shall permit any garbage or other refuse to accumulate upon such premises that is not stored in a manner approved by the Health Director.

- (1) Garbage shall be stored in a container of a type approved by the Health Director. Every such container shall be constructed of metal, or equally durable material, in such a manner as to be strong, water tight, not easily corrodible, fly proof, and rodent proof; shall have a capacity of not more than 32 gallons; shall have handles designed for lifting; and shall have fly-tight covers which shall be kept in place at all times, except when garbage or other refuse is being deposited in or removed from such container. A sufficient number of containers shall be provided to hold at least one week's accumulation of garbage. Each garbage container shall be kept clean so that no odor or other nuisance will exist.

- (2) Rubbish shall be stored in such a manner that it will not provide harborage to rats, nor cause a fire hazard.

SECTION III - REFUSE COLLECTION

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

SECTION IV - REFUSE TRANSPORTATION

No refuse collector shall transport refuse in a conveyance that has not been approved by the Health Director. Such conveyances shall be leak proof, and covered with a canvas, or other substantial material, unless it is constructed in such a manner as to prevent leakage or spillage of the refuse. Truck beds in which garbage is hauled shall be cleaned daily.

SECTION V - REFUSE DISPOSAL

No refuse collector, or other person, shall dispose of refuse, except by one of the following methods; provided that this section shall not be construed to prevent any person from properly disposing of refuse from his own residence, or business establishment, by burning or burying it in a safe and sanitary manner approved by the Health Director:

- (1) By burning refuse in an incinerator of a type approved by the Health Director as safe and sanitary.
- (2) By burying refuse in a sanitary landfill that is designed, operated, and equipped in accordance with the recommendations in Special Bulletin No. 479 of the North Carolina State Board of Health, Refuse Disposal By Sanitary Landfill. This bulletin is hereby incorporated by reference pursuant to authority granted by Article 4 of Chapter 130 of the General Statutes of North Carolina, and becomes a part of these regulations as fully as if set out verbatim herein. A copy of said bulletin is on file in the office of the Clerk of the Superior Court of _____ County, and in the office of the Health Director.

SECTION VI - REFUSE COLLECTOR PERMITS

- A. No person shall collect, transport, or dispose of refuse without a written permit from the Health Director; provided that this subsection shall not apply to any person disposing of refuse from his own residence, or business establishment. The Health Director shall issue such permit only when, upon inspection, he finds that the facilities, equipment, and proposed operating methods of the applicant are in compliance with the requirements of these regulations.

SECTION VII - REVOCATION OF PERMITS

- A. Whenever upon the inspection of facilities, equipment, or operating methods of any person holding a permit to collect, transport, or dispose of refuse, the Health Director finds that conditions or practices exist which are in violation of the provisions of these regulations, the Health Director shall give notice in writing to such person that unless such conditions or practices are corrected within ten days, the permit will be revoked. At the end of such ten-day period, the Health Director shall make a reinspection, and if he finds that such conditions or practices have not been corrected, he shall give notice in writing to such person that his permit has been revoked. Upon the receipt of this notice, such person shall immediately cease to collect, transport, or dispose of refuse. No such permit shall be reinstated by the Health Director until he finds, upon inspection, that all provisions of these regulations have been complied with, except that following a hearing, as hereinafter provided, such permit may be reinstated by order of the County Board of Health.
- B. Upon written petition from a person whose permit to collect, transport, or dispose of refuse has been denied or revoked, the County Board of Health shall hold a hearing at which time such person shall be given an opportunity to show that his permit should not have been denied or revoked. No such hearing shall be held unless written petition therefor shall have been filed in the office of the Health Director on or before the tenth day following the day on which said permit was denied or revoked. The Health Director shall convey the request for a hearing to the Chairman of the County Board of Health as soon as practicable. Such hearing shall be held within ___ days following the receipt of such petition by the Chairman. After such hearing, the County Board of Health may either approve the denial or revocation of such permit, or order that it be issued or reinstated, depending upon its findings as to whether or not these regulations have been complied with.

SECTION VIII - PENALTY

Any person who violates any rules and regulations adopted by a local Board of Health shall be guilty of a misdemeanor, and fined not exceeding fifty dollars (\$50) or imprisoned not exceeding thirty days (30), as provided by Section 203 of Chapter 130 of the General Statutes of North Carolina.

SECTION IX - CONFLICTING REGULATIONS REPEALED

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

SECTION X - SEVERABILITY

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

SECTION XI - EFFECTIVE DATE

These regulations shall be in full force and effect from and after

SED
3/1/63

AN ACT TO AUTHORIZE COUNTIES TO REGULATE THE COLLECTION OF GARBAGE

ARTICLE 22

Garbage Collection and Disposal

G. S. 153-272. Control of Private Collectors. -- The board of county commissioners of any county is hereby empowered to regulate the collection and disposal of garbage by private persons, firms, or corporations outside of the incorporated cities and towns of the county for the purpose of encouraging and attempting to insure an adequate and continuing service of garbage collection and disposal where the board deems it to be desirable. In the exercise of such power, the board may issue a license to any private person, firm, or corporation to collect and/or dispose of garbage; may prohibit the collection and/or disposal of garbage by unlicensed persons, firms, or corporations; may grant to licensed persons, firms, or corporations the exclusive right to collect and/or dispose of garbage for compensation within a specified area and prohibit unauthorized persons, firms, or corporations from collecting and/or disposing of garbage within said area; and may regulate the fees charged by licensed persons, firms, and corporations for the collection and/or disposal of garbage to the end that reasonable compensation may be provided for such services. The board may adopt regulations pursuant to the power herein granted, and the violation of any such regulation shall be a misdemeanor, subject to a fine not exceeding fifty dollars, or imprisonment not exceeding thirty days; each week that any such violation continues to exist shall be a separate offense. (1961, c. 514, s.1)

G. S. 153-273. County collection and disposal. -- The board of county commissioners of any county is hereby empowered to establish and operate garbage collection and/or disposal facilities in areas outside of incorporated cities and towns where, in its opinion, the need for such facilities exists. The board may contract with any city or town to collect and/or dispose of garbage in any such area. In the disposal of garbage, the board may use any vacant land owned by the county, or it may acquire suitable sites for such purpose. The board may

make appropriations to carry out the activities herein authorized. The board may impose fees for the use of disposal facilities, and in the event it shall provide for the collection of garbage, it shall charge fees for such collection service sufficient in its opinion to defray the expense of collection. (1961, c. 514, s.1)

G. S. 153-274. Powers of local boards of health unaffected. --

Nothing in this article shall affect the powers of local boards of health to control the keeping, removal, collection, and disposal of garbage, insofar as the exercise of any such power is necessary to protect and advance the public health. (1961, c. 514, s.1)

G. S. 153-275. Powers granted herein supplementary. -- The powers granted to counties by this article shall be deemed supplementary to any powers heretofore or hereafter granted by any other law, either general, special, or local, for the same or a similar purpose, and in any case where the provisions of this article conflict with or are different from the provisions of such other law, the board of county commissioners may in its discretion proceed in accordance with the provisions of such other law, or, as an alternative method, in accordance with the provisions of this article. (1961, c. 514, s.1)

Sec. 1a. The provisions of this Act shall not apply to Vance County.

Note:

Chapter 904 of the 1961 Session Laws exempts Johnston County from all provisions of this article.

Chapter 912 of the 1961 Session Laws authorizes Dare County Board of Commissioners to levy ad valorem tax in areas of the county in which the county provides garbage collection service.