

174PRLFSF546



DocumentID PRLF011

SITENAME BUNCOMBE

DocumentType Correspondence (C)

RptSegment 1

DocDate 1/20/2010

DocRcvd 1/20/2010

Box SF546

AccessLevel Public

Division Waste Management

Section Superfund

Program IHS (IHS)

DocCat Facility



North Carolina Department of Environment and Natural Resources

Division of Waste Management

Dexter R. Matthews

Director

Beverly Eaves Perdue
Governor

Dee Freeman
Secretary

1/20/2010

Ms. Wanda Greene
Buncombe County Manager
205 College Street
Asheville, NC 28801

Subject: Pre-Regulatory Landfill Sites in Buncombe County

Dear Ms. Greene:

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>
NONCD0000163	Fishburne Refuse Dump	Bradley Branch Rd, Arden
NONCD0000165	Arden Disposal	Gleen Bridge Dr, Arden
NCD980558019	Elk Mountain Landfill / Asheville City Landfill	Elk Park Dr, Asheville
NONCD0000164	Pond Road Landfill #1	80 Pond Rd, Asheville
NCD980558027	Pond Road Landfill #2	80 Pond Rd, Asheville
NCD980558035	Hominy Creek Landfill	190 Hominy Creek Rd, Asheville
NCD980557912	Green Stone Landfill	North Fork Rd, Black Mountain
NONCD0000166	Black Mountain	11 Tom Brown Rd, Black Mountain
NONCD0000162	Candler Refuse Disposal Area	103 Daniel Ridge Rd, Candler
NONCD0000682	Buncombe County Landfill / East Canton Landfill / Old Chandler Landfill	Little Piney Rd, Enka
NCD980557946	Fairview Landfill	Hollywood Rd, Fairview
NCD980557953	Fishburne Landfill	Bradley Branch Rd, Fletcher
NONCD0000773	Azalea Road Landfill	Hardesty Rd, Oteen
NCD980557987	Swannanoa Landfill	Mountain Ridge Rd, Swannanoa
NONCD0000161	Weaverville Landfill	Lakeshore Rd, Weaverville

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: Mr. Marc Fowler – Buncombe County Environmental 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.

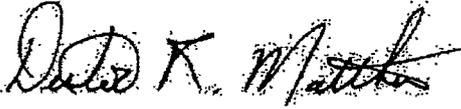
The only tool currently available to the State to ensure cleanup when it is needed is an enforcement action against those who owned, operated, or contributed to old landfills. The Governor's proposal would avoid placing an unreasonable

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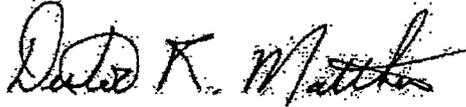
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If you have questions regarding the program for clean-up of old landfills, please contact Jack Butler, Chief of the Superfund Section at jack.butler@ncmail.net or (919) 508-8450.

Sincerely,

A handwritten signature in cursive script, appearing to read "Dexter R. Matthews".

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

Ms. Wanda Greene
County Manager
205 College Street
Asheville, North Carolina 28801

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

Dear Ms. Greene,

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: BUNCOMBE

Site Name:	ARDEN DISPOSAL	In IHS Inventory?	No
ID Number:	NONCD0000165	Other Agency Lead	
Site Address:	SR 3495	NFA or NFA-Restricted Use?	No
City:	ARDEN	Unable to Locate	<input type="radio"/>
State Plane X:		Latitude:	35.4655
State Plane Y:		Longitude:	-82.5422

Directions: SR 3495 NEAR CREEK

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

Notes:

(End Site Record)

Site Name:	ASHEVILLE LANDFILL	In IHS Inventory?	No
ID Number:	NONCD0000167	Other Agency Lead	
Site Address:	HWY 191	NFA or NFA-Restricted Use?	No
City:	ASHEVILLE	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.69
State Plane Y:	Longitude:	-82.6085

Directions: HWY 191, 5.9 MIN OF ASHEVILLE

LDFL Size (Acres):	120	Present Within 1000 ft of Ldfl			
Property Size (Acres):	370	Church	No	Residence On Ldfl?	No
Date Open:	1971	School	No	Potable Well Within 500 ft?	No
Date Closed:	1971	Day Care	No	Adjoins Perennial SW?	No
		Residential	No		

Notes:

(End Site Record)

Site Name:	AZALEA ROAD LANDFILL	In IHS Inventory?	No
ID Number:	NONCD0000773	Other Agency Lead	
Site Address:	Azalea Road	NFA or NFA-Restricted Use?	No
City:	OTBEN	Unable to Locate	<input type="radio"/>

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

Directions: AZALEA ROAD

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

Notes:

(End Site Record)

Site Name:	BLACK MOUNTAIN	In IHS Inventory?	No
ID Number:	NONCD0000166	Other Agency Lead	
Site Address:	END OF SR 2474	NFA or NFA-Restricted Use?	No
City:	BLACK MOUNTAIN	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.6339
State Plane Y:	Longitude:	-82.3436

Directions: END OF SR 2474

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

Notes:

(End Site Record)

Site Name:	BUNCOMBE CO LF/E CANTON LF/OLD CHANDL	In IHS Inventory?	No
ID Number:	NONCD0000682	Other Agency Lead	
Site Address:	HWY 151 (PINEY	NFA or NFA-Restricted Use?	No
City:		Unable to Locate	<input type="radio"/>

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

Directions: HWY 151 (PINEY MT CHURCH RD)

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

Notes: NEAR RESIDENCES WITH WELLS

(End Site Record)

Site Name:	BUNCOMBE COUNTY LF	In IHS Inventory?	Yes
ID Number:	NCD980558001	Other Agency Lead	SWS
Site Address:	Hwy 191 N <i>Hwy 251</i>	NFA or NFA-Restricted Use?	No
City:	ASHEVILLE	Unable to Locate	<input type="radio"/>

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

Directions: HWY 191 N

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

Notes:

(End Site Record)

Site Name:	CANDLER REFUSE DISPOSAL AREA	In IHS Inventory?	No
ID Number:	NONCD0000162	Other Agency Lead	
Site Address:	SR 1116/HWY 151	NFA or NFA-Restricted Use?	No
City:	CANDLER	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.5789
State Plane Y:	Longitude:	-82.6826

Directions: SR 1116/HWY 151, 6 MINE OF CANDLER

LDFL Size (Acres):	3	Present Within 1000 ft of Ldfi		Residence On Ldfi?	No
Property Size (Acres):	5	Church	No	Potable Well Within 500 ft?	No
Date Open:	1971	School	No	Adjoins Perennial SW?	No
Date Closed:	1971	Day Care	No		
		Residential	No		

Notes:

(End Site Record)

Site Name:	ELK MOUNTAIN LDFL/ASHVILLE CITY LF	In IHS Inventory?	Yes
ID Number:	NCD980558019	Other Agency Lead	
Site Address:	ELK MOUNTAIN R	NFA or NFA-Restricted Use?	No
City:	ASHEVILLE	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.6385
State Plane Y:	Longitude:	-82.588

Directions: SR 1684/ELK MT RD OFF US 19 & 23 AT WOODFIN ON BEAVERDAM CRK; ADJ TO MILLS MFG.

LDFL Size (Acres):	100	Present Within 1000 ft of Ldfl		Residence On Ldfl?	No
Property Size (Acres):	100	Church	No	Potable Well Within 500 ft?	No
Date Open:	1973	School	No	Adjoins Perennial SW?	No
Date Closed:	1985	Day Care	No		
		Residential	No		

Notes:

(End Site Record)

Site Name:	FAIRVIEW LANDFILL	In IHS Inventory?	Yes
ID Number:	NCD980557946	Other Agency Lead	
Site Address:	FAIRVIEW RD	NFA or NFA-Restricted Use?	No
City:	FAIRVIEW	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.5158
State Plane Y:	Longitude:	-82.3706

Directions: SR 2810 (FAIRVIEW RD) OFF US 74 SE OF I-40

LDFL Size (Acres):	5	Present Within 1000 ft of Ldfl		Residence On Ldfl?	No
Property Size (Acres):	5	Church	No	Potable Well Within 500 ft?	No
Date Open:	1969	School	No	Adjoins Perennial SW?	No
Date Closed:	1973	Day Care	No		
		Residential	No		

Notes: APPEARS TO BE SAME AS "FAIRVIEW LANDFILL ON HIS INVENTORY.

(End Site Record)

Site Name:	FISHBURNE LANDFILL	In IHS Inventory?	Yes
ID Number:	NCD980557953	Other Agency Lead	
Site Address:	AIRPORT ROAD	NFA or NFA-Restricted Use?	No
City:	FLETCHER	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.4509
State Plane Y:	Longitude:	-82.5284

Directions: OFF SR 3527 AND I-26 N OF FLETCHER, ON SR 3526 (AIRPORT RD). ASO DESCRIBED AS ON BRADLEY BRANCH RD OFF AIRPORT RD. BACK DEED REF 926-109

LDFL Size (Acres):	50	Present Within 1000 ft of Ldfl			
Property Size (Acres):	50	Church	No	Residence On Ldfl?	No
Date Open:	1971	School	No	Potable Well Within 500 ft?	No
Date Closed:	1973	Day Care	No	Adjoins Perennial SW?	No
		Residential	No		

Notes: MR BILL FISHURNE'S ADDRESS: C/O INTERNET OF ASHEVILLE, INC.; 2270 HENDERSONVILLE RD; ARDEN, NC 28704. PARCEL NO. 9643.02-98-6270.00

(End Site Record)

Site Name:	FISHBURNE REFUSE DUMP	In IHS Inventory?	No
ID Number:	NONCD0000163	Other Agency Lead	
Site Address:	SR 3495	NFA or NFA-Restricted Use?	No
City:		Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.4667
State Plane Y:	Longitude:	-82.5426

Directions: SR 3524 BEHIND FISHBURNE EQUIPMENT

LDFL Size (Acres):	5	Present Within 1000 ft of Ldfl		Residence On Ldfl?	No
Property Size (Acres):	18	Church	No	Potable Well Within 500 ft?	No
Date Open:	1971	School	No	Adjoins Perennial SW?	No
Date Closed:	1973	Day Care	No		
		Residential	No		

Notes:

(End Site Record)

Site Name:	GROVE STONE LF	In IHS Inventory?	Yes
ID Number:	NCD980557912	Other Agency Lead	
Site Address:	GROVE STONE RD	NFA or NFA-Restricted Use?	No
City:	BLACK MOUNTAIN	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.6046
State Plane Y:	Longitude:	-82.3656

Directions: GROVESTONE PROPERTY ON GROVE STONE RD OFF OLD US 70 2 MI W OF BLACK MT ON SWANNONOA N FORK RD

LDFL Size (Acres):	15	Present Within 1000 ft of Ldfl		Residence On Ldfl?	No
Property Size (Acres):	100	Church	No	Potable Well Within 500 ft?	No
Date Open:	1952	School	No	Adjoins Perennial SW?	No
Date Closed:	1972	Day Care	No		
		Residential	No		

Notes: OWNED BY BV HEDRICK GRAVEL & SAND AS OF 2/2000. PARCEL # 0609.13-03-5053.000

(End Site Record)

Site Name:	HOMINY CREEK LF	In IHS Inventory?	Yes
ID Number:	NCD980558035	Other Agency Lead	
Site Address:	RHODODENDRON	NFA or NFA-Restricted Use?	No
City:	ASHEVILLE	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.5526
State Plane Y:	Longitude:	-82.593

Directions: HOMINY CRK RD OFF NC 191 JUST S OF I-40 AT RHODODEDRON PK

LDFL Size (Acres):	100	Present Within 1000 ft of Ldfl		Residence On Ldfl?	No
		Church	No		
Property Size (Acres):	100	School	No	Potable Well Within 500 ft?	No
Date Open:	1960	Day Care	No	Adjoins Perennial SW?	No
Date Closed:	1973	Residential	No		

Notes:

(End Site Record)

Site Name:	MONEY-WORTH, INC	In IHS Inventory?	Yes
ID Number:	NCD008839276	Other Agency Lead	
Site Address:	US 70 E	NFA or NFA-Restricted Use?	No
City:	SWANNANOVA	Unable to Locate	<input type="radio"/>

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

Directions: US 70 E

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	No		

Notes:

(End Site Record)

Site Name:	POND ROAD LF #1	In IHS Inventory?	No
ID Number:	NONCD0000164	Other Agency Lead	
Site Address:	POND RD (SR 3421	NFA or NFA-Restricted Use?	No
City:	ASHEVILLE	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.5555
State Plane Y:	Longitude:	-82.6331

Directions: POND RD (SR 3421) OFF I-26 NEAR HOMINY CREEK; ACROSS POND RD FROM LDFL #2

LDFL Size (Acres):	6	Present Within 1000 ft of Ldfl		Residence On Ldfl?	No
Property Size (Acres):	6	Church	No	Potable Well Within 500 ft?	No
Date Open:	1962	School	No	Adjoins Perennial SW?	No
Date Closed:	1979	Day Care	No		
		Residential	No		

Notes:

(End Site Record)

Site Name:	POND ROAD LF #2	In IHS Inventory?	Yes
ID Number:	NCD980558027	Other Agency Lead	
Site Address:	POND RD (SR 3421	NFA or NFA-Restricted Use?	No
City:	ASHEVILLE	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.5555
State Plane Y:	Longitude:	-82.6331

Directions: POND RD (SR 3421) OFF 1-26 NEAR HOMINY CREEK; ACROSS POND RD FROM LDFL #1

LDFL Size (Acres):	10	Present Within 1000 ft of Ldfl		Residence On Ldfl?	No
Property Size (Acres):	10	Church	No	Potable Well Within 500 ft?	No
Date Open:	1962	School	No	Adjoins Perennial SW?	No
Date Closed:	1979	Day Care	No		
		Residential	No		

Notes: Drum dump

(End Site Record)

Site Name:	SWANNANOVA LANDFILL	In IHS Inventory?	Yes
ID Number:	NCD980557987	Other Agency Lead	
Site Address:	SR 2730 (HARRISO	NFA or NFA-Restricted Use?	No
City:	SWANNANOVA	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.5941
State Plane Y:	Longitude:	-82.3845

Directions: SR 2730 (HARRISON DR) & SR 2868 S OF I-40

LDFL Size (Acres):	16	Present Within 1000 ft of Ldfl		Residence On Ldfl?	No
Property Size (Acres):	24	Church	No	Potable Well Within 500 ft?	No
Date Open:	1973	School	No	Adjoins Perennial SW?	No
Date Closed:	1980	Day Care	No		
		Residential	No		

Notes: Soil/GW CONT?

(End Site Record)

Site Name:	WEAVERVILLE LANDFILL	In IHS Inventory?	No
ID Number:	NONCD0000161	Other Agency Lead	
Site Address:		NFA or NFA-Restricted Use?	No
City:	WEAVERVILLE	Unable to Locate	<input type="radio"/>

State Plane X:	Latitude:	35.6823
State Plane Y:	Longitude:	-82.563

Directions: 1.5 MI SW OF WEAVERVILLE

LDFL Size (Acres):	2	Present Within 1000 ft of Ldfl			
Property Size (Acres):	2	Church	No	Residence On Ldfl?	No
Date Open:	1972	School	No	Potable Well Within 500 ft?	No
Date Closed:	1972	Day Care	No	Adjoins Perennial SW?	No
		Residential	No		

Notes:

(End Site Record)

Number of Sites: 18

(End County Record)

June 27, 2005

MEMORANDUM TO FILE

TO: Buncombe County Old Landfill File

FROM: Bruce Lefler, Hydrogeologist
Inactive Hazardous Sites Branch

RE: Alleged Illegal Dumping
Erwin Hills Road
Buncombe County, North Carolina

On May 19, 2005 Mr. Mitch Jones informed the Inactive Hazardous Sites Branch that, during the period from the 1950's to the 1980's, pesticides and old batteries were dumped on various unspecified portions of the property currently developed with the Willow Brooks residential subdivision and on property located to the southeast at 245 Erwin Hills Road in Buncombe County, North Carolina. The alleged dumping occurred during the operation of a dairy farm (Ballard Dairy Farm) that was previously located on these properties. Mr. Jones stated that the pesticides came from the site, other farms, and from Dow Chemical. The batteries came from various sources in the area.

To research this allegation, the following governmental agencies and citizens were contacted:

1. Mr. Al Hetzel - DWM, Waste Management Specialist.
2. Mr. Jim Patterson - DWM, Waste Management Specialist.
3. Ms. Denese Ballew - Buncombe County Environmental Control, Environmental Manager.
4. Ms. Mildred P. Ballard - owner of 245 Erwin Hills Road property and former owner of property currently developed by the Willow Brook residential subdivision.
5. Mr. Bill Rundell - President of Devco Homes, developer of the Willow Brook residential subdivision.

Neither Mr. Hetzel, Mr. Patterson, nor Ms. Ballew (nor her staff) had any knowledge of the alleged dumping having occurred at these properties. Ms. Ballard responded that she had no knowledge of the alleged dumping having occurred on the properties and had never given permission for any such dumping to occur. Mr. Rundell responded that during the installation of roads, water lines, septic systems, and housing construction (most of the subdivision lots have been sold and construction completed) no evidence of dumping was observed.

The information gathered to-date does not warrant further investigation at this time.

NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT



MICHAEL F. EASLEY, GOVERNOR
WILLIAM G. ROSS, JR., SECRETARY
WILLIAM L. MEYER, DIRECTOR

June 15, 2001

Ms. Jennifer Wendel
NC Site Management Section Chief
EPA Region IV Waste Division
61 Forsyth St., SW 11th Floor
Atlanta, Georgia 30303

RE: CERCLIS Site Review (Pre-CERCLIS Site Screening)
Azalea Road Landfill
Oteen, Buncombe County, North Carolina

Dear Ms. Wendel:

No hazardous substances can be associated with the Azalea Road Landfill and no release of hazardous substances from the landfill have been documented, therefore, the pre-CERCLIS screening of the Azalea Road Landfill site indicates that no further action by CERCLA is warranted.

This site was brought to the attention of Mr. Dan LaMontagne, Site Evaluation and Removal Branch Head for North Carolina Superfund Section, by a group of concerned citizens who are opposed to the City of Asheville's purchase and future use of the property.

The property purchased by the City of Asheville is an 88.4 acre site located along Azalea Road just south of Oteen, North Carolina. Fifty seven and one half acres are located north of Azalea Road and have not been impacted by the operation of the landfill. One other small parcel (.93 acres) is located approximately 2,000 feet west of the former landfill and has not been impacted. The remaining 29.6 acres lie south of the Swannanoa River and north of a railroad track. This is the area where the landfill is located. The landfill is bounded by the Swannanoa River on the north, the Blue Ridge Parkway on the east, a railroad and Interstate 40 on the south, and Gashes Creek Road on the west. The site coordinates, based on the northeast corner of a small pond on site, are 35° 34' 44.5" North latitude and 82° 29' 05.8" West longitude (see attachment 2).

1646 MAIL SERVICE CENTER, RALEIGH, NORTH CAROLINA 27699-1646
401 OBERLIN ROAD, SUITE 150, RALEIGH, NC 27605
PHONE: 919-733-4996 \ FAX: 919-715-3605

The earliest recorded activity on this site was a lease agreement between Vallie E. Beckom and John W. Moyer and Grove Stone & Sand dated April 16, 1975. This lease allowed for the mining, removal, and processing of all ballast, stone, sand, and gravel on site. An aerial photograph dated 1975 indicates that landfill activity had begun prior to that time. The landfill has been referred to as a "Beneficial Fill" Landfill by Mr. Moyer, who recalls giving permission in the late 1960's to Bob Shook, Construction Manager for Nello Teer Construction Company, to dispose of materials accumulated during the grading and construction of Interstate 40, just south of the area.

During its operation, the landfill received several Notice of Violations (NOV's) from the State. Most of them concerned the cover and stability of the site, however, some materials not conforming to the "Beneficial Fill" definition were observed being disposed at the site. The NOV's were addressed by hauling off the materials not conforming to the "Beneficial Fill" definition or by regrading and stabilizing the landfill.

On August 16, 1993, Permit No. SR0100027 was issued by the Division of Environmental Management to Mr. Gregory Smith, NC DOT Geotechnical Unit, to land apply approximately 450 cubic yards of soil containing Class I and II products (petroleum). The exact location of this land application has not been determined.

Except for possibly four or five houses along Azalea Road, the surrounding area is serviced by the Asheville/Buncombe Water Authority and the Metropolitan Sewerage District. All of the houses suspected of using groundwater for potable use are located on the north side of Azalea Road and across the Swannanoa River from the landfill.

The surface water pathway is the only pathway deemed to be significantly threatened by the landfill. An isolated wetland, located along the western face of the landfill and the Swannanoa River, is within very close proximity to the northern side of the landfill, sometimes being as close as 30 feet to the toe of the landfill. Because of this threat, we collected two soil samples from the isolated wetlands, one background in the field west of the landfill (SS1) and the other at the discharge end of the wetland before it enters the Swannanoa River (SS2). We also collected five surface water/sediment samples from the Swannanoa River. The first two were background samples; the first (SW1/SD1) was located 15 feet upstream of the bridge crossing the Swannanoa River that is used to gain access to the landfill and the second (SW2/SD2) was located approximately 20 yards downstream from the bridge but immediately downstream from a large culvert, approximately 5 feet diameter, which appears to drain a portion of Interstate 40. The third sample location is behind an existing metal building on-site. We descended the side of the landfill immediately behind this building to a depositional area on the river (SW3/SD3). A second depositional area was located approximately 25 yards upstream from a rock wall/waterfall area on the river (SW4/SD4). A release sample was collected from the river approximately 75 feet downstream from the toe of the landfill (SW5/SD5).

A small isolated pond is located on site. It is fed from the culverted runoff collected from Interstate 40, and is being utilized by a local garden club to irrigate a small plot also on site. The pond also receives runoff from the site and was sampled (SW6/SD6).

Only SD1, SD2, and SD4 indicate any impact by contaminants. Since SD1 is definitely upstream of any site influence and SD2 is most likely influenced by the runoff culvert, the releases detected at SD4 do not qualify as an observed release, nor are they attributable to the landfill.

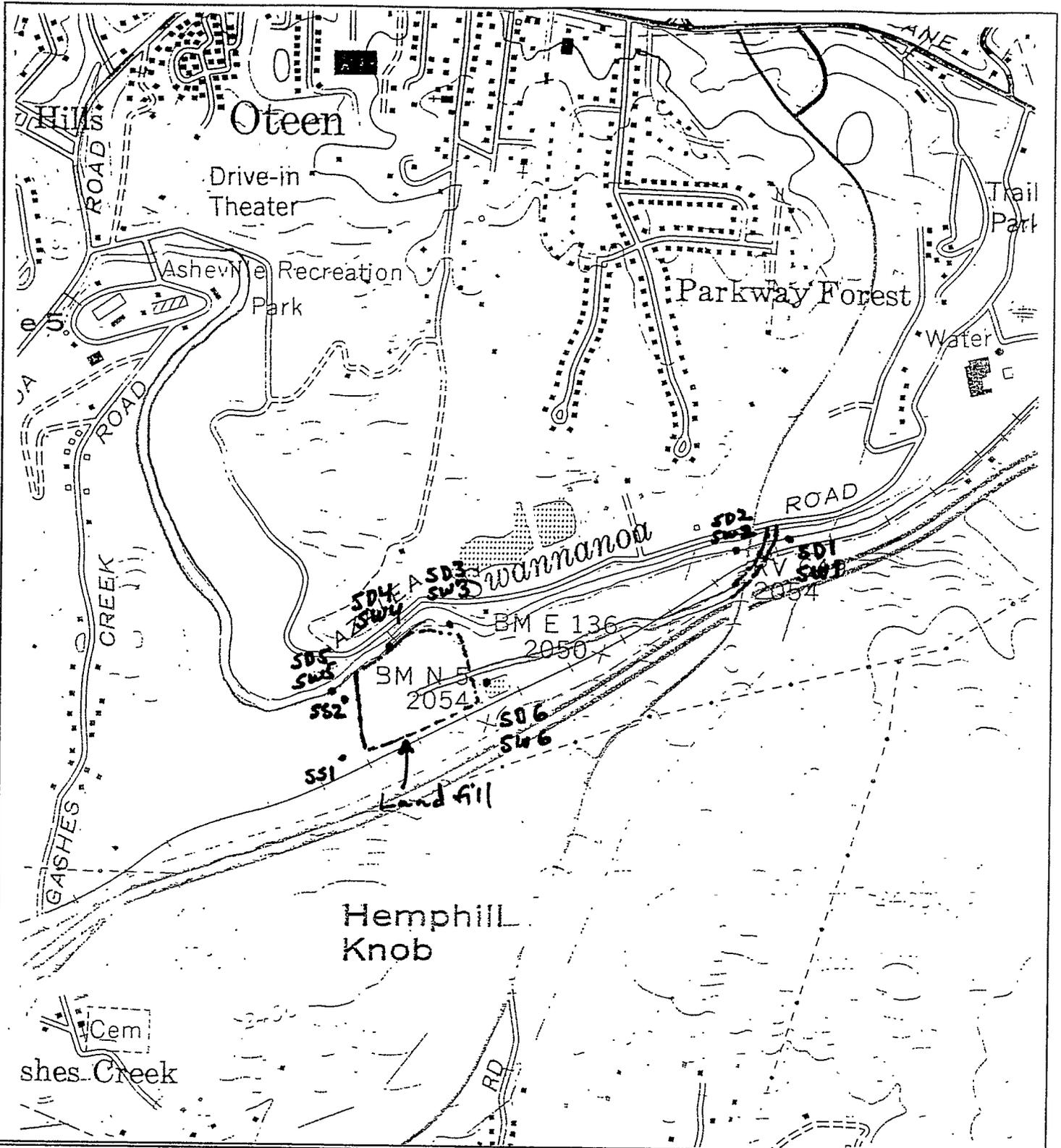


Fig. No: 1	Title: Sampling Layout		
North Carolina Division Of Waste Management	Scale NTS	Date 5-11-01	Drawn By: H.J.Zinn
	Site Name Azalea Road Landfill		NCD: NA

Sample Analysis Results from 5/09/01

	Soils and Sediments								Surface Water					
	SD6	SD5	SD4	SD3	SD2	SD1	SS2	SS1	SW6	SW5	SW4	SW3	SW2	SW1
Arsenic	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	80	56	143	108	125	97	102	200	0.02	0.01	0.01	0.01	0.01	0.02
Cadmium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	24	14	24	22	20	18	24	38	-	-	-	-	-	-
Lead	12	6	18	16	18	11	12	30	-	-	-	-	-	-
Mercury	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	91	86	122	104	133	79	74	130	-	-	-	-	-	-
Toluene	-	-	1.0	-	178.3	1.2	-	-	-	-	-	-	-	-
Bis (2EH) phthalate	-	-	467	-	4300	-	-	-	-	-	-	-	-	-
2Butanone	-	-	-	-	37.9	25.2	-	-	-	-	-	-	-	-
Chloromethane	-	-	-	-	5.8	-	-	-	-	-	-	-	-	-
4Methyl 2 Pentanone	-	-	-	-	4.1	-	-	-	-	-	-	-	-	-

Notes: - indicates non detect
 All soils and sediments samples are mg/kg
 All water samples are ug/l

Based on the lack of an observed release to the surface water pathway from the landfill, and this pathway being the only pathway of concern for this site, we recommend that the Azalea Road Landfill site be given a status of No Further Remedial Action Planned under CERCLA.

Attached are the CERCLIS Site Discovery Form, the latitude and longitude worksheets, a copy of the Phase 1 Environmental Site Assessment by J. Patrick Price for the City of Asheville Parks and Recreation Department dated August 14, 1998, and the analytical results sheets for the samples collected on May 9, 2001. If you have any questions, please contact Harry Zinn at (919) 733-2801 ext. 313 or by e-mail at harry.zinn@ncmail.net.

Sincerely,



Harry Zinn
Environmental Engineer
Site Evaluation and Removal Branch
Superfund Section



Dan LaMontagne, E.I.T., Head
Site Evaluation and Removal Branch
Superfund Section

Attachments

cc: Scott Ross, File

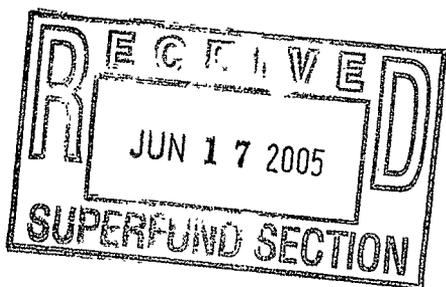
cc: (letter only)
Charlotte Jesneck

June 8, 2005

I have no knowledge of any pesticides or used batteries being dumped on this property nor have I ever given anyone permission to dump any.

Mildred Ballard

My husband C.C. Ballard Jr has been dead six years.



Ms. Mildred Ballard
140 N. Panosenic Dr.
Maryville, TN 37803-4108



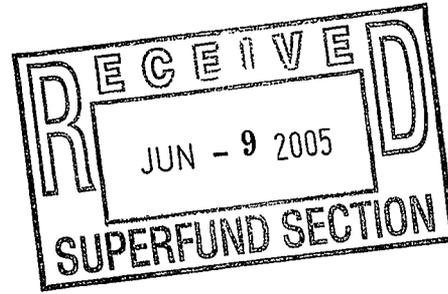
Bruce E. Lefler Jr.
Inactive Hazardous Sites Branch
Superfund Section
NC Division of Waste Management
401 Oberlin Road - Suite 150
Raleigh, NC 27605-1350

2760581350 0005





DEVCO *Homes*



June 6, 2005

Mr. Bruce E. Lefler, Jr.
Inactive Hazardous Sites branch
Superfund Section
NC Division of Waste Management
401 Oberlin Road – Suite 150
Raleigh, NC 27605-1350

Re: Alleged Illegal Dumping
Willow Brook Subdivision Property
Buncombe County, North Carolina

Dear Mr. Lefler:

This will acknowledge receipt of your letter of May 31, 2005. Needless to say, we are quite concerned by the allegations raised in your letter.

No environmental site assessment was performed prior to or since our purchase of the subject property.

We have subdivided the property, installed roads and run water lines without seeing any evidence of dumping. Most of the lots have been sold and construction completed, including septic systems, all without evidence of dumping.

We will most assuredly advise you of any evidence of dumping that we encounter in future developmental activities, but since there are only four lots remaining, we would not anticipate encountering any.

Sincerely,

Robin Clark
President



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

May 31, 2005

Ms. Mildred P. Ballard
140 North Panoscenic Drive
Maryville, Tennessee 37803-4108

Re: Alleged Illegal Dumping
Erwin Hills Road
Buncombe County, North Carolina

Dear Ms. Ballard:

An allegation has been lodged with the North Carolina Division of Waste Management (the "DWM"), Superfund Section, Inactive Hazardous Sites Branch (the "Branch") that, during the period from the 1950's to the 1980's, illegal dumping occurred on various unspecified portions of property you currently own and formerly owned in Buncombe County North Carolina. The illegal dumping of pesticides and used batteries allegedly occurred during the operation of a dairy farm on these properties, located at 245 Erwin Hills Road and on property to the northwest now developed with the Willow Brook residential subdivision. You are being contacted because the Buncombe County Government web site lists you as the owner of the 245 Erwin Hills Road property and online deed information lists you and your husband (C.C. Ballard Jr.) as selling the property on which the Willow Brook subdivision is located to Devco, Inc.

The DWM Waste Management Specialist (Mr. Albert Hetzel) responsible for Buncombe County and Buncombe County Environmental Control (Ms. Denese Ballew) were contacted for information regarding these properties. Neither Mr. Hetzel, Ms. Ballew, nor members of her staff had any knowledge of the alleged dumping having occurred.

You are requested to notify the Branch, in writing, of your response to this allegation within 60 days of receipt of this letter. Also, you are requested to notify the Branch if evidence of dumping is encountered during any future developmental or assessment activities performed at the 245 Erwin Hills Road property.

All documentation submitted to the Branch should be sent to:

Bruce E. Lefler Jr.
Inactive Hazardous Sites Branch
Superfund Section
NC Division of Waste Management
401 Oberlin Road - Suite 150
Raleigh, NC 27605-1350

If you have any questions, please contact me at (919) 508-8463.

Sincerely,

A handwritten signature in black ink that reads "Bruce E. Lefler Jr." with a stylized flourish at the end.

Bruce E. Lefler Jr., Hydrogeologist
Inactive Hazardous Sites Branch
Superfund Section

cc Mr. Al Hetzel, DWM
Ms. Denese Ballew, Buncombe County Environmental Control
Mr. Bill Rundell, Devco Homes



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

May 31, 2005

Mr. Bill Rundell, President
Devco Homes
1589 Patton Homes
Asheville, North Carolina 28806

Re: Alleged Illegal Dumping
Willow Brook Subdivision Property
Buncombe County, North Carolina

Dear Mr. Rundell:

An allegation has been lodged with the North Carolina Division of Waste Management (the "DWM"), Superfund Section, Inactive Hazardous Sites Branch (the "Branch") that, during the period from the 1950's to the 1980's, illegal dumping occurred on various unspecified portions of the property developed with the Willow Brooks residential subdivision and on property located to the southeast at 245 Erwin Hills Road in Buncombe County North Carolina. The illegal dumping of pesticides and used batteries allegedly occurred during the operation of a dairy farm located on these properties. You are being contacted because deed information obtained from the Buncombe County Government web site lists Devco Inc. as purchasing the property from C.C. and Mildred Ballard Jr., the owners of the dairy farm in question.

The DWM Waste Management Specialist (Mr. Albert Hetzel) responsible for Buncombe County and Buncombe County Environmental Control (Ms. Denese Ballew) were contacted for information regarding these properties. Neither Mr. Hetzel, Ms. Ballew, nor her staff had any knowledge of the alleged dumping having occurred.

You are requested to provide the Branch with any information you may have regarding site conditions observed during the purchase and development of the Willow Brook subdivision within 60 days of receipt of this letter (e.g. If an environmental site assessment was performed as part of the purchase of the property, was evidence of dumping noted? During development of the Willow Brook subdivision, did you observe or was evidence of dumping brought to his attention?). You are also requested to notify the Branch if evidence of dumping is encountered during any future developmental activities.

All correspondence submitted to the Branch should be sent to:

Bruce E. Lefler Jr.
Inactive Hazardous Sites Branch
Superfund Section
NC Division of Waste Management
401 Oberlin Road - Suite 150
Raleigh, NC 27605-1350

If you have any questions, please contact me at (919) 508-8463.

Sincerely,



Bruce E. Lefler Jr., Hydrogeologist
Inactive Hazardous Sites Branch
Superfund Section

cc Mr. Al Hetzel, DWM
Ms. Denese Ballew, Buncombe County Environmental Control
Ms. Mildred P. Ballard

MAIL AND COPY DISTRIBUTION INSTRUCTION SHEET

Person Completing Form: CJ ___ HA ___ KC ___ BL X CM ___ SR ___ KS ___ JW ___

Date: 5/31/05

Project/Item: (example: Dupont letter of 1/1/05)

OLD BALLARD DAIRY FARM

Method of Mailing Original:

- Interoffice, Courier or Internal Distribution, as appropriate
- Regular US Mail
- Overnight Delivery (Service Used (circle one): Fed Ex; UPS; USPS; Other _____)
- 2nd Day (Service Used (circle one): Fed Ex; UPS; USPS; Other _____)
- Certified Mail
- Other _____

Distribution of Copies:

- Mail/distribute copy of letter to all cc's; there are not attachments
- Mail/distribute copy of letter to all cc's; with attachments
- Mail /distribute copy of letter; include attachments as indicated after recipient's name
- No copies to mail or distribute

CC Addresses:

MR. AL HETZEL
DWM - SWI SECTION
2090 U.S. HIGHWAY 70
SWANNAHOA, NC 28778

MS. DENESE BALLEW
BUNCOMBE COUNTY ENVIRONMENTAL CONTROL
2229 RIVERSIDE DRIVE
ASHEVILLE, NC 28804

MR. BILL RUNDEN, PRESIDENT
DEVCO HOMES
1589 PATTON HOMES
ASHEVILLE, NC 28806

Date Completed: 5/31/05
 Completed by: SLBB [Signature] SH _____

DG _____

MAIL AND COPY DISTRIBUTION INSTRUCTION SHEET

Person Completing Form: CJ ___ HA ___ KC ___ BL CM ___ SR ___ KS ___ JW ___
Date: 5/31/05

Project/Item: (example: Dupont letter of 1/1/05)

OLD BALLARD DAIRY FARM

Method of Mailing Original:

- Interoffice, Courier or Internal Distribution, as appropriate
- Regular US Mail
- Overnight Delivery (Service Used (circle one): Fed Ex; UPS; USPS; Other _____)
- 2nd Day (Service Used (circle one): Fed Ex; UPS; USPS; Other _____)
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- Mail /distribute copy of letter; include attachments as indicated after recipient's name
- No copies to mail or distribute

CC Addresses:

MR. AL HETZEL
DWM - SW SECTION
2090 U.S. HIGHWAY 70
SWANNANOVA, NC 28778

MS. DENESE BALLEW
BUNCOMBE COUNTY ENVIRONMENTAL CONTROL
2229 RIVERSIDE DRIVE
ASHEVILLE, NC 28804

MS. MILDRED P. BALLARD
140 NORTH PANOSCENIC DRIVE
MARYVILLE, TN 37803-4108

Date Completed: 5/31/05
 Completed by: SLB SH

DG _____

RECORD OF COMMUNICATION

Date: 5/20/05

Time: 11:10

Site: OLD BALLARD DAIRY FARM

County: BUNCOMBE

ID: NOT ASSIGNED

Interviewer: BRUCE LEFLER

Person Responding: JIM PATTERSON

Organization: DWM

Phone Number: 828-296-4500

Relationship to the site: SW WASTE MGMT. SPECIALIST

- HE HAD PREVIOUSLY SPOKE w/ MITCH JONES.
- HE CONTACTED JIM COFFEY WHO REFERRED HIM TO IHSB.
- HE THINKS IT IS LIKELY A PERSONAL VENDETTA.
- HE SUGGESTED CONTACTING THE BUNCOMBE COUNTY SW ENFORCEMENT & ADVISING THEM OF THE SITUATION

Signed by: Bruce E. Lefler

RECORD OF COMMUNICATION

Date: 5/23/05^① ; 5/25/05^②

Time: 2:00^① ; 3:00^②

Site: OLD BALLARD DAIRY FARM

County: BUNCOMBE

ID: NOT ASSIGNED

Interviewer: BRUCE LEFLER

Person Responding: DENESE BALLEW

Organization: BUNCOMBE COUNTY ENVIRONMENTAL CONTROL SW ENFORCEMENT MGR MANAGER

Phone Number: 828-250-5460

Relationship to the site: COUNTY ENVIRONMENTAL MANAGER

① -LEFT VOICE MAIL W/ DENESE BALLEW TO CALL

② - DENESE HAD NO KNOWLEDGE OF SITE. SHE CHECKED W/ HER STAFF AND NONE HAD HEARD OF SITE. SHE STATED THAT HER STAFF, DUE TO LONG TIME W/ THE COUNTY, WOULD MOST LIKELY HAVE HEARD OF ILLEGAL DUMPING AND/OR DYING COWS IF ACTUALLY HAPPENED.

Signed by: _____

RECORD OF COMMUNICATION

Date: 5/19/05 Time: 2:15

Site: OLD BALLARD DAIRY FARM

County: BUNCOMBE

ID: NOT ASSIGNED

Interviewer: BRUCE LEFLER

Person Responding: MITCH JONES

Organization: PRIVATE CITIZEN

Phone Number: 828-545-9098

Relationship to the site: CURRENT RESIDENT

- THERE USED TO BE THE BALLARD DAIRY FARM LOCATED AT 245 ERWIN HILLS RD & AT THE SITE OF THE TWIN WILLOWS SUBDIVISION, WHICH NOW HAS 30-40 HOUSES.

- HE & HIS FATHER WORKED AT THE FARM & LIVED ON-SITE. HIS FATHER WAS TOLD AT THE TIME THE FARM CLOSED (1980's) THE HE COULD LIVE ON THE SITE UNTIL HE DIED. THEY ARE NOW BEING EVICTED (FATHER NOT DEAD) SO THE SITE CAN BE DEVELOPED.

- PESTICIDES, OLD BATTERIES WERE DUMPED ON-SITE DURING OPERATION OF THE DAIRY FARM. PESTICIDES CAME FROM THE FARM, OTHER FARMS, & DOW CHEMICAL. OLD BATTERIES CAME FROM SOURCES IN THIS AREA.

- 6 COWS DIED IN ONE DAY AFTER DRINKING WATER FROM A CREEK ~10 YRS. AGO.

- AFTER A HEAVY RAIN, THE CREEK HAS A BLUE/GREEN SHEEN.

- JIM PATTERSON w/ DWM ASHEVILLE R.O. REFERRED HIM TO #2 IWSB.

Signed by: Bruce E. Lefler Page 1 of 1

SUBDIVISION IS ACTUALLY:

WILLOW BROOK
SUBDIVISION.

Site: OLD BALLARD DAIRY FARM

County: BUNCOMBE

ID: NOT ASSIGNED

NOTES: - LOT # 4688 ; 245 ERWIN HILLS RD ; OWNER: MILDRED P. BALLARD ;

PROPERTY ON WHICH MITCH JONES LIVES (AS OF 5/19/05).

- LOT # 8018 ; 175 WILLOW BROOK ST. ; OWNER: DEVCO, INC (DEVELOPER) ;

FORMERLY OWNED BY BALLARD.

12/9/98

- DEVCO, INC. PURCHASED 35.541 ACRES LOCATED ACROSS ERWIN HILLS RD

FROM 245 ERWIN HILLS RD, + DEVELOPED w/WILLOW BROOK SUBDIVISION

- DEVCO HOMES : OWNERS BILL RUNDLELL - PRESIDENT

LAURIE AUGUST - OPERATES/OWNS WILLOW BROOK REALTY, INC.

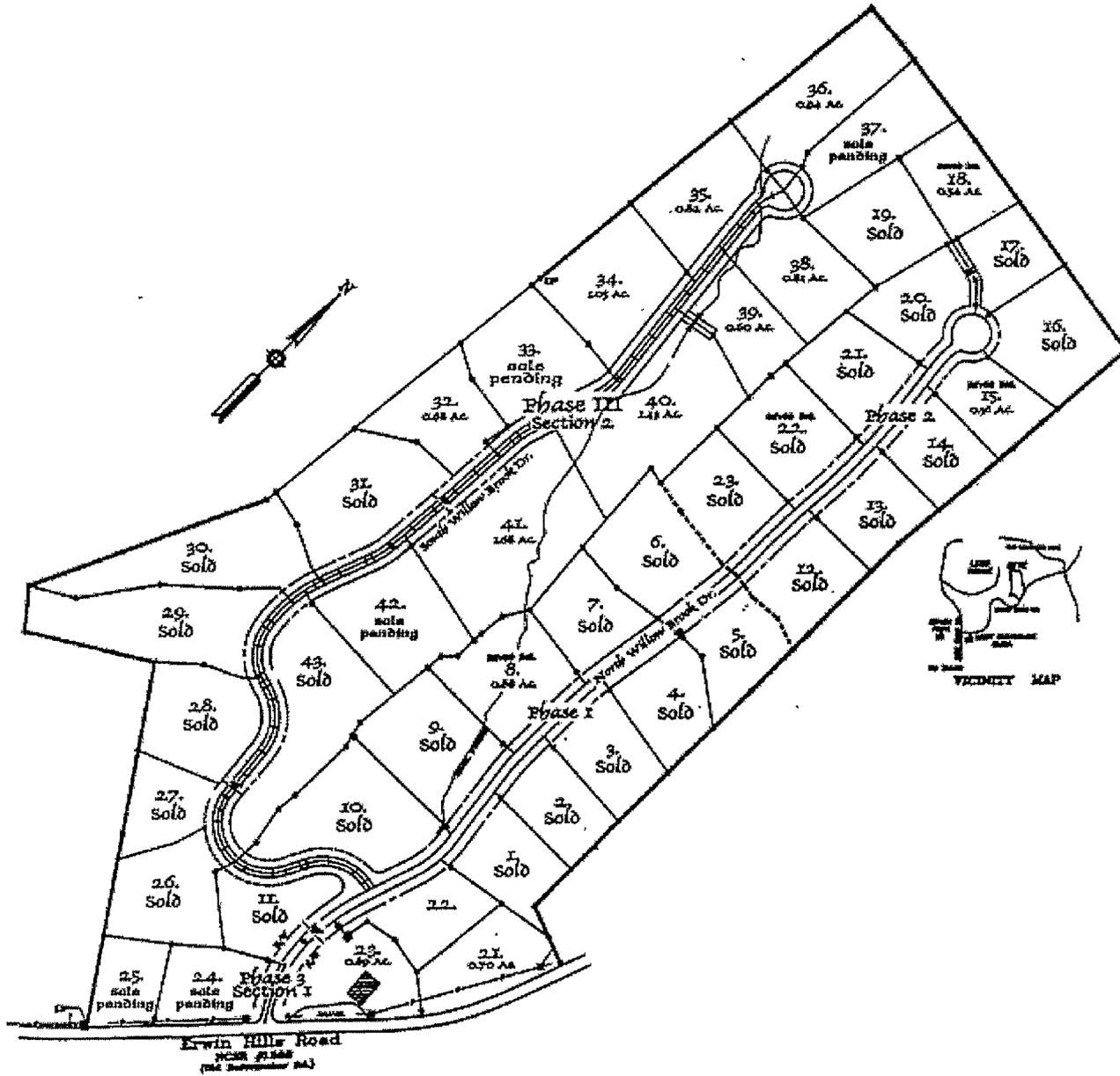
WWW.DEVCOHOMES.COM

828-285-9191

DEVCO HOMES

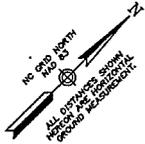
1589 PATTON AVE.

ASHEVILLE, NC 28806

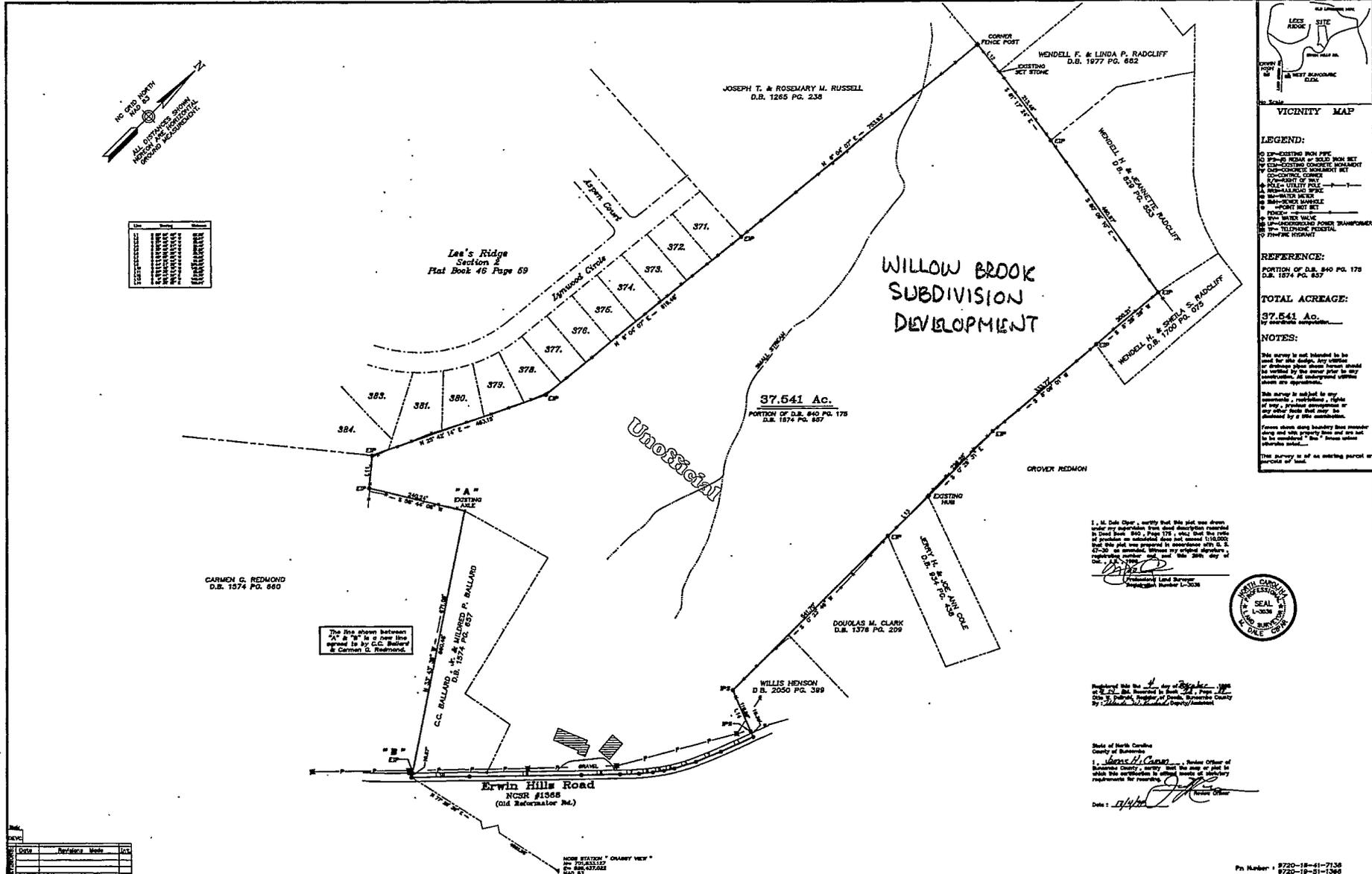


Willow Brook

72/88



Line	Setting	Material
1	Iron	Iron
2	Aluminum	Aluminum
3	Steel	Steel
4	Concrete	Concrete
5	Wood	Wood
6	Other	Other



LEGEND:

- EXISTING ROAD
- EXISTING SIDEWALK
- EXISTING CURB
- EXISTING DRIVE
- EXISTING UTILITY
- EXISTING FENCE
- EXISTING POWER TRANSFORMER
- EXISTING TELEPHONE
- EXISTING HYDRAULIC

VICINITY MAP

REFERENCE:

PORTION OF D.B. 840 PG. 178
D.B. 1874 PG. 857

TOTAL ACRES:

37.641 Ac.

NOTES:

This survey is not intended to be used for any other purpose than that for which it was made. It is not to be used as evidence of title or as a basis for any other claim. It is subject to all other laws and regulations that may be applicable. It is not to be used as a basis for any other claim.

This survey is subject to any and all other laws and regulations that may be applicable. It is not to be used as a basis for any other claim.

From above, the boundary lines shown are not to be used as a basis for any other claim. It is not to be used as a basis for any other claim.

This survey is not to be used as a basis for any other claim. It is not to be used as a basis for any other claim.

I, M. Dale Clark, certify that this plot was drawn, under my supervision from a description contained in Deed Book 840, Page 178, and that the contents of this plot were prepared in accordance with the provisions of the General Statutes of North Carolina, Chapter 42, Section 28, and that the same are true and correct.

M. Dale Clark
Professional Land Surveyor
Registration Number 12028



Registered this day of *August*, 1988
at *Wilmington*, North Carolina.
C. B. Smith, Jr., Register of Deeds, Buncombe County, N.C.

State of North Carolina
County of Buncombe

I, *M. Dale Clark*, a Justice of the Peace, do hereby certify that the above is a true and correct copy of the original plat as filed in my office.

Date: *8/14/88*

Lot	Area	Volume	Notes

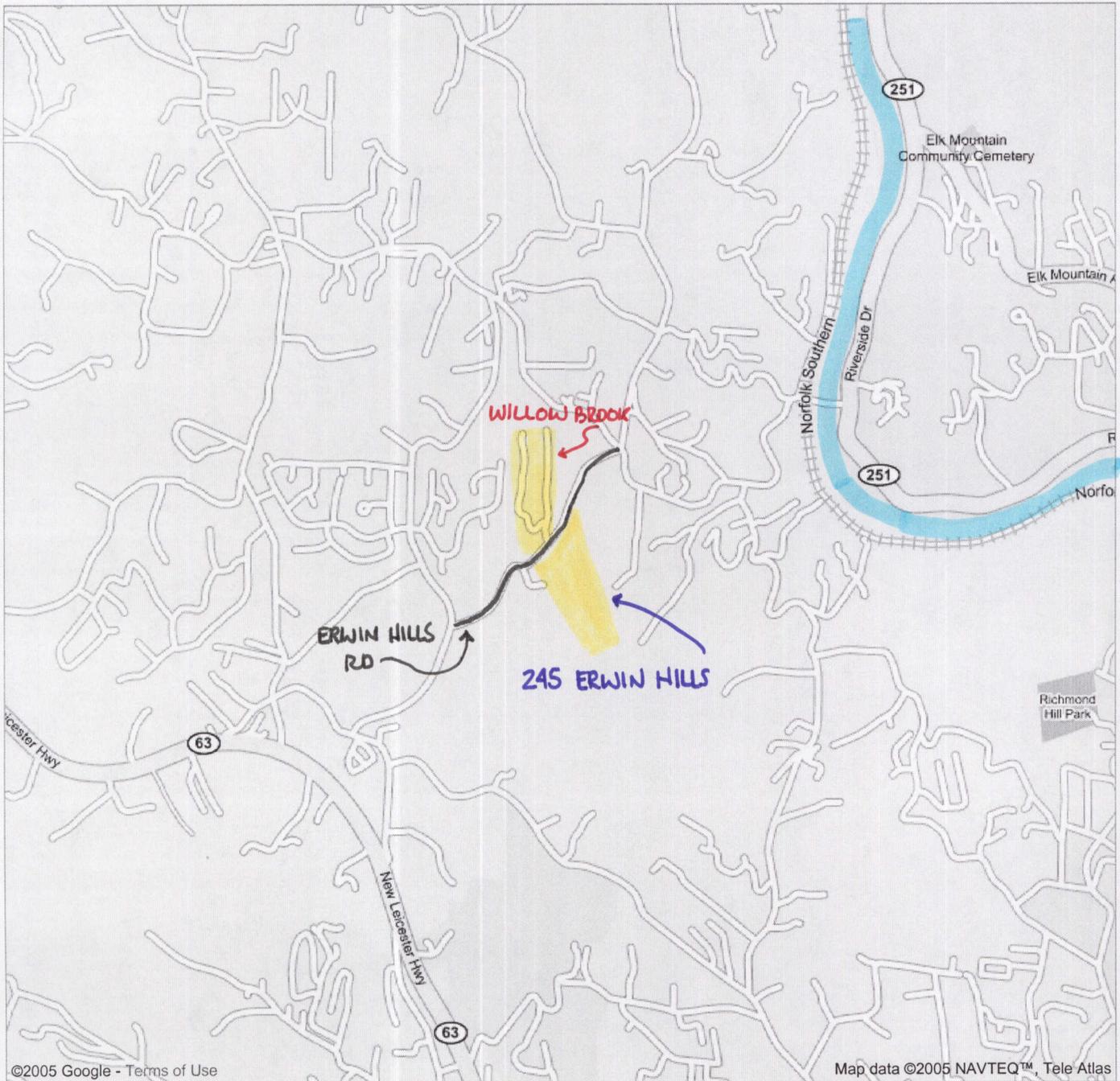
Cipar, Ingle, Anders & Associates, Inc.
200 E. Market Street
Asheville, NC 28801
(704) 251-1000

JOB # 7036

Devco Inc.

Plot Number: 8720-18-d1-7136

LEICESTER TOWNSHIP
BUNCOMBE COUNTY, N.C.
SCALE: 1" = 100'
OCT 28, 1988



Drag the map with your mouse, or double-click to center.

Example searches:

Go to a location

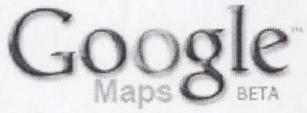
- "kansas city"
- "10 market st, san francisco"

try it
try it

Find a business

- "hotels near lax"
- "pizza"

try it
try it



Drag the map with your mouse, or double-click to center.

Example searches:

Go to a location

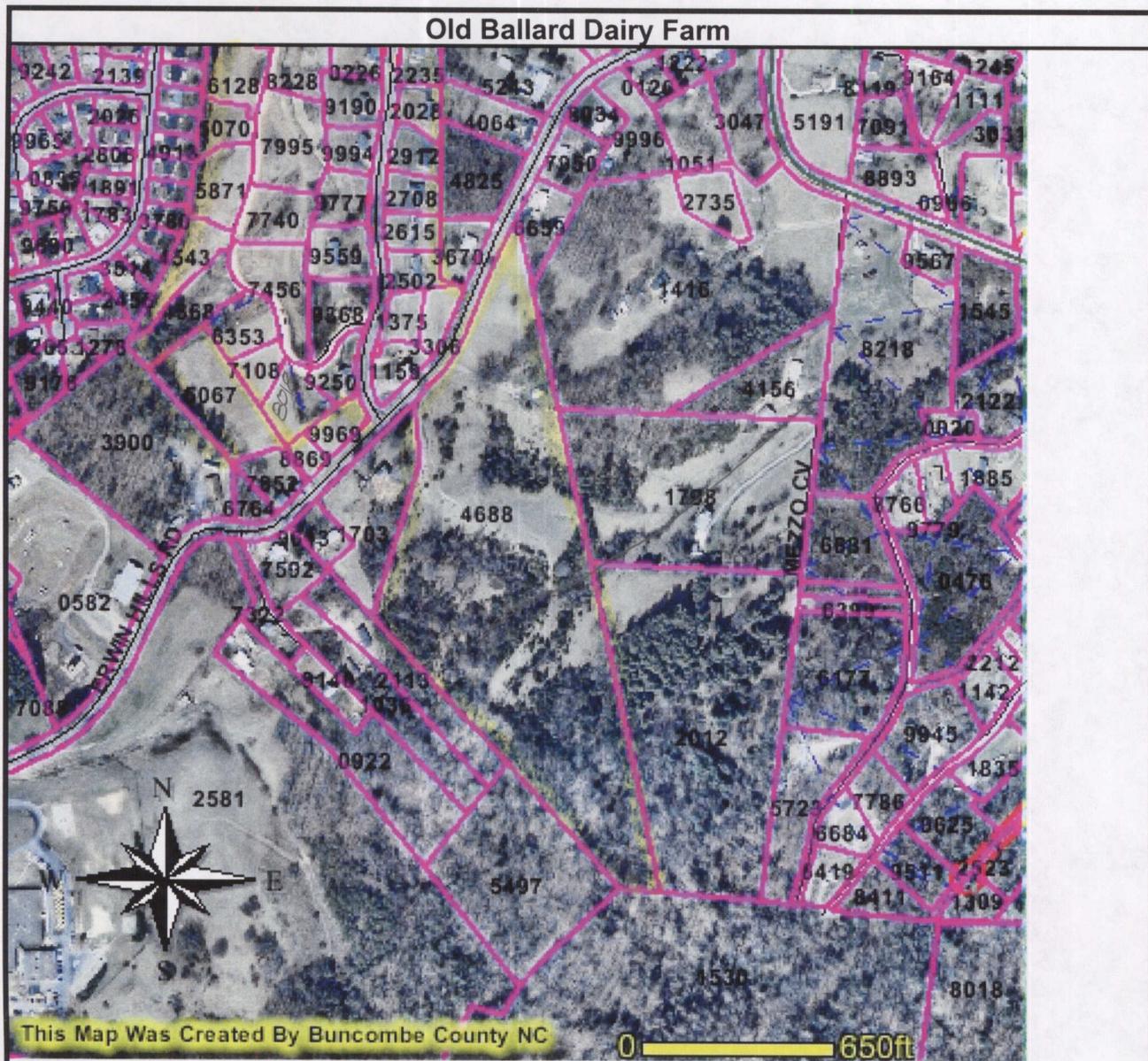
- "kansas city"
- "10 market st, san francisco"

try it
try it

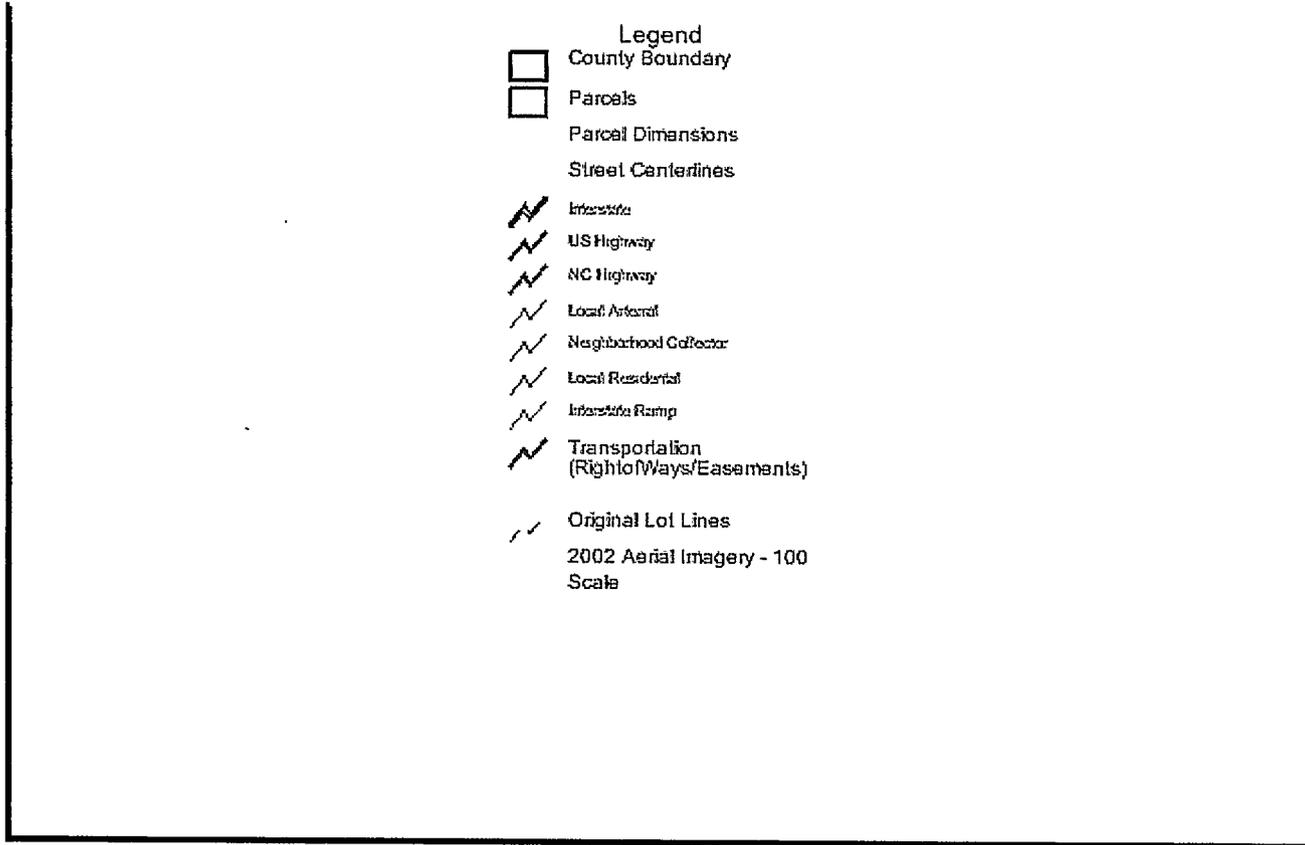
Find a business

- "hotels near lax"
- "pizza"

try it
try it



ERWIN HILLS RD
AKA. SR 1368
OLD REFORMATOR RD



BAT

* * * * *

***** PARCEL AND OWNERSHIP DATA *****

```

PARCEL ID.....: 9720.19-50-4688.000          ACCOUNT # .....: 008140367
ROUTING #.....: 03900                          OWNER NAME .....: MILDRED P BALLARD
PREVIOUS PARCEL ID.: 972019511366000
PARCEL STATUS.....: A ACTIVE
SITUS ADDRESS.....: 00245          ERWIN HILLS          RD  MAILING ADDRESS : 140 N PANOSCENIC DR
SR/CITY/WARD/TSHP...:          /          /17 /LEICESTER          MARYVILLE          , TN 37803-4108
ASSESSED ACRES.....: 22.73
PROPERTY CLASS.....: 140 RURAL RES >3 < 10 AC
CNTY CODE .....: BUN BUNCOMBE COUNTY
CITY CODE .....:
FIRE CODE .....: FWB WEST BUNCOMBE
SANI CODE .....:
SCHL CODE .....:
    
```

```

DEED DATE.....: 02-06-1961
DEED BOOK/PAGE/INST: 0840/0175-WLL
PLAT BOOK/PAGE.....: 0000/0000
SUBDIVISION NAME...:
SUBDIV BLK/SECT/LOT:      /      /
    
```

WATERSHED.....: 0 NONE

***** FINAL APPRAISED/ASSESSED VALUE *****

	SYSTEM APPRAISED VALUE	SYSTEM ASSESSED VALUE	ASSESSED VALUE ADJ	EXEMPTED AMOUNT	*	FINAL ASSESSED VALUE	*
LAND ----->	110,500	110,500			*	110,500	*
BUILDING(S) ---->	25,200	25,200			*	25,200	*
STRUCTURE(S) --->					*	0	*
TOTAL ----->	135,700	135,700	0	0	*	135,700	*

***** ASSESSEMENT HISTORY *****

TAX YR	ACCOUNT #	ACRES	LAND	BUILDINGS	STRUCTURES	EXEMPTION	DEFERRED	TAXABLE
2004	008140367	22.73	110,500	25,200				135,700
2003	008140367	22.73	110,500	25,200				135,700

2002	008140367	22.73	110,500	25,200	135,700
2001	008140367	22.73	89,000	18,100	107,100
2000	008140367	22.73	89,000	18,100	107,100

***** SALES HISTORY ***** ONLY QUALIFIED SALES ARE USED FOR VALUATION PURPOSES

DATE OF SALE	DEED BOOK	DEED PAGE	DEED INST	QUALIFIED SALE (Y/N)	DISQUALIFY CODE	DATA SOURCE	VACANT @ TIME OF SALE (Y/N)	SALE PRICE	SALE NOTE
02 06 1961	0840	0175	WLL	N	U01	STP	N		

CONT. PARCEL ID: 9720.19-50-4688.000 PAGE 2 09/15/2004

***** LAND DATA *****

REC NO	REC TYPE	FF OR UNITS	UNIT TYPE	APPRAISED VALUE/MRK	APPRAISED USE VALUE
001	M	22.73	AC	110,468	0
TOTAL ACRES ->		22.73		LAND VALUE ->	110,468

CONT. PARCEL ID: 9720.19-50-4688.000 PAGE 3 09/15/2004

***** BUILDING CHARACTERISTICS *****

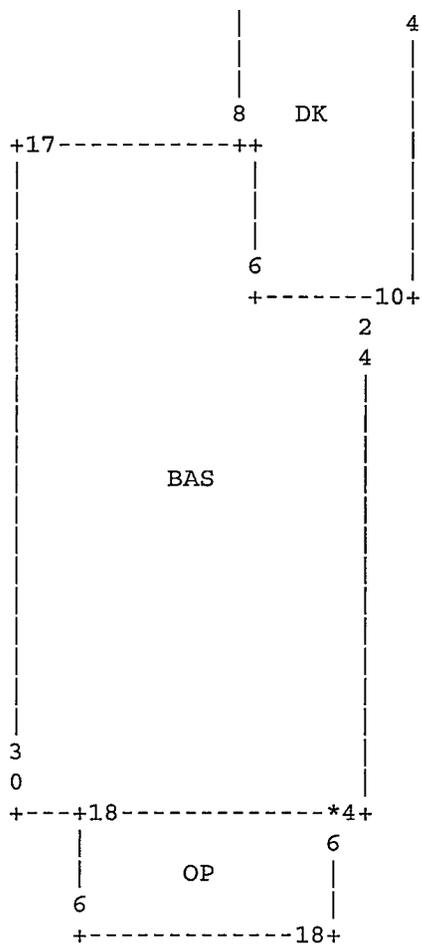
BLDG # .: 01	YEAR BUILT.: 1920	ADJUST.:
STYLE...: 1CN 1.0-STY CONVENTIONAL	YR-LIFE TAB: 80 YRS	FUNC DEP:
GRADE...: D FAIR	PHY DEP....: 36% 83 YRS	ECON DEP:
COND....: N NORMAL	BLDG SIZE...: D06 SQFT ADJ 600-699	FACTOR.: 1.00

***** BUILDING SECTIONS/BUILDING REFINEMENTS/BUILDING SKETCH/BUILDING VALUATION SUMMARY *****

BLDG SECT#	BLDG SECTION(S) CDE	DESCRIPTION	ROLL YEAR	STORY HEIGHT	BASE SECT	SQ FT AREA	L/F PERM	VALUATION UNITS	RATE	VALUE
01	SEC TY -> BAS	BASE AREA	1920	1.00	YES	678	108	678 SF	43.07	29,201
	WALL TYP 100	FR OR EQUAL/FR LB						678 SF	.00	0
02	SEC TY -> DK	WOOD DECK	1980	1.00	NO			156 SF	11.14	1,738
03	SEC TY -> OP	OPEN PORCH	1920	1.00	NO			108 SF	15.88	1,715
SUM OF ALL BASE AREAS OF STRUCTURE ->						678				

----- BUILDING REFINEMENTS DESCRIPTION AND VALUATION -----

+12-----+	FOUNDATION 120	PIERS-WD/STL/MSNY	678 SF	.00	0
1	ROOF TY/MT 102	GABLE W/ METAL	678 SF	.00	0



ROOF STRUC	100	WOOD JOIST	678 SF	.00	0
FLOOR FIN	106	SOFTWOOD	678 SF	.00	0
INT FINISH	106	WOOD BOARDS OR T&G	678 SF	.00	0
HEATING	-- 120	NO CENTRAL SYSTEM	678 SF	.00	0
AIR COND	- 110	NONE (NO CENTRAL A/C	678 SF	.00	0
		FULL BATH(S) -->	1	3142.44	3,142
		HALF BATH(S) -->	0	.00	0
		HOT TUB(S) ----->	0	.00	0
		SAUNA(S) ----->	0	.00	0
		WASH/DRY HKUP	1	.00	0
		DISHWASHER	0	.00	0
		FIREPLACE/GASLOG	0	.00	0
		WOODSTOVE	0	.00	0
		LIVING RM(S) -->	1	.00	0
		DINING RM(S) -->	0	.00	0
		FAMILY RM(S) -->	0	.00	0
		# BEDROOMS ----->	2	.00	0
		BSMT GR # CARS >	0	.00	0
		IN-DR SWIM PL ->	0	.00	0
		ADD'L LV UT(S) >	0	.00	0
		ELEVATOR	0	.00	0

----- BUILDING VALUATION SUMMARY -----

	UNADJ. COST NEW -->	678 SF	52.80	35,796
-	PHYSICAL DEPREC	36 %		12,887
	UNADJ APPRAISED VAL		33.79	22,909
X	NEIGHBORHOOD ADJ.	10 %		
	APPRAISED VALUE -->			25,200

WILLOW BROOK SUBDIVISION

BK 2063 PG 505

REGISTERED

1998 DEC -9 P 12: 14

Arthur S. Smith
REGISTER OF DEEDS
BUNCOMBE COUNTY, N.C.

BUNCOMBE COUNTY NC 12/09/1998
\$714.00
Real Estate
Excise Tax

Excise Tax \$714.00

Recording Time, Book and Page

Tax Lot No. Parcel Identifier No. 9120 19-51-1366
Verified by County on the day of 9120 18-40-7138, 19.....
by

Mail after recording to Grantee Below

This instrument was prepared by COGBURN GOOSMANN BRAZIL & ROSE, PA

Brief description for the Index

NORTH CAROLINA GENERAL WARRANTY DEED

THIS DEED made this 9th day of December, 1998, by and between

<p>GRANTOR</p> <p>C.C. Ballard, Jr. and wife, Mildred P. Ballard 144 N. Panascenic Drive Maryville, TN 37803</p>	<p>GRANTEE</p> <p>Devco, Inc. <u>40 Laurie Lane</u> 502 Ruff Road Asheville, NC 28806</p>
---	---

Enter in appropriate block for each party: name, address, and, if appropriate, character of entity (e.g. corporation or partnership).

The designation Grantor and Grantee as used herein shall include said parties, their heirs, successors, and assigns, and shall include singular, plural, masculine, feminine or neuter as required by context.

WITNESSETH, that the Grantor, for a valuable consideration paid by the Grantee, the receipt of which is hereby acknowledged, has and by these presents does grant, bargain, sell and convey unto the Grantee in fee simple, all that certain lot or parcel of land situated in the City of Asheville, Buncombe Township,

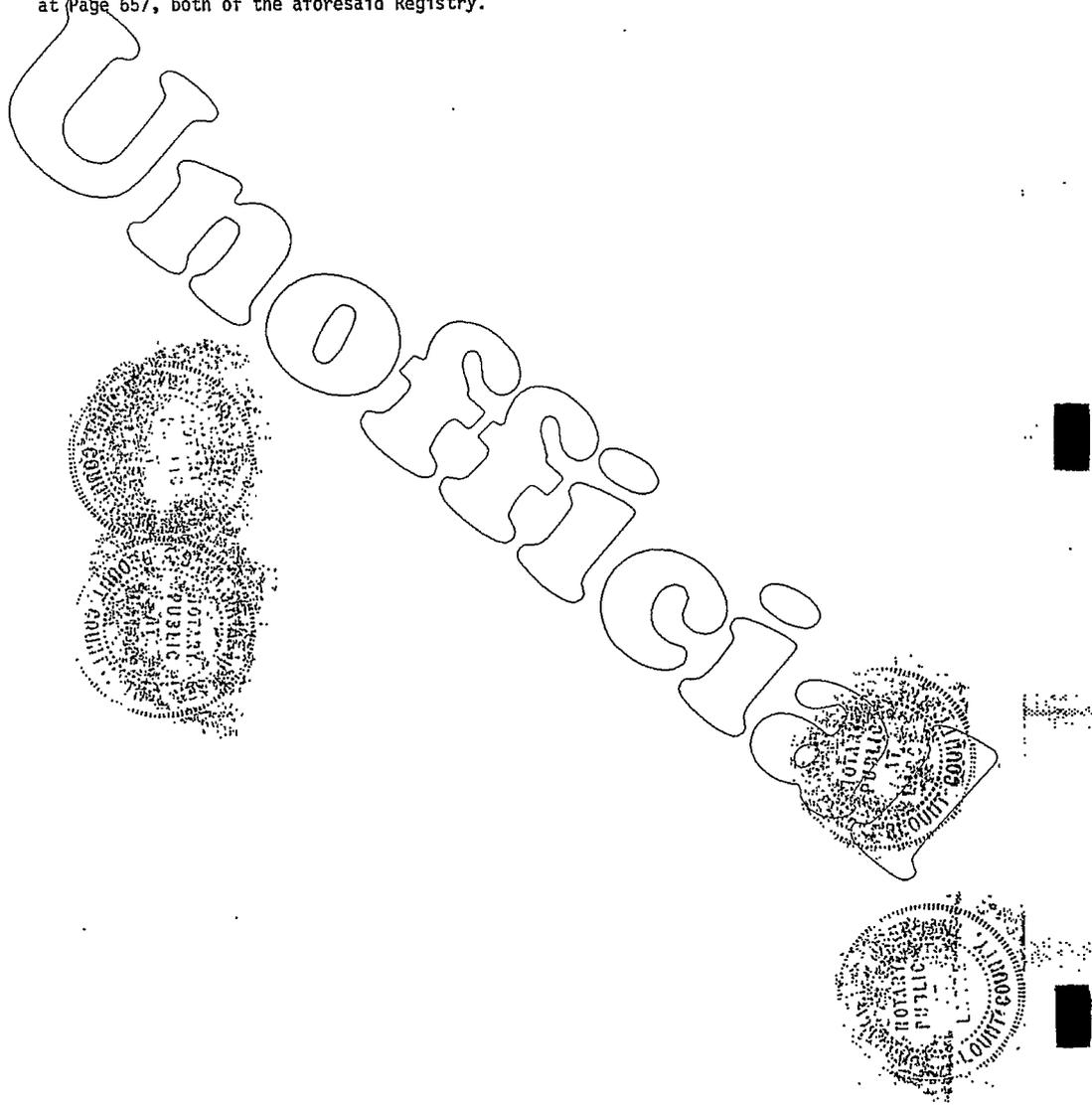
Buncombe County, North Carolina and more particularly described as follows:
See attached Exhibit A

001042

BK 2063 PG 506

EXHIBIT A

Being all of that 35.541 acres tract, more or less, as shown on a Plat entitled "Devco Inc." as recorded in the Office of the Register of Deeds for Buncombe County, North Carolina in Plat Book 72 at Page 88, reference to which is hereby made for a more particular description. Being a portion of that property described in Deed Book 840 at Page 175 and Deed Book 1574 at Page 657, both of the aforesaid Registry.



BK 2063 PG 507

The property hereinabove described was acquired by Grantor by instrument recorded in Book 1574, Page 657, Book 840, Page 175

A map showing the above described property is recorded in Plat Book page.....

TO HAVE AND TO HOLD the aforesaid lot or parcel of land and all privileges and appurtenances thereto belonging to the Grantee in fee simple.

And the Grantor covenants with the Grantee, that Grantor is seized of the premises in fee simple, has the right to convey the same in fee simple, that title is marketable and free and clear of all encumbrances, and that Grantor will warrant and defend the title against the lawful claims of all persons whomsoever except for the exceptions hereinafter stated.

Title to the property hereinabove described is subject to the following exceptions: Basements, restrictions, rights of way of record and to any utility lines in existence over or under the subject property.

1998 ad valorem taxes.

IN WITNESS WHEREOF, the Grantor has hereunto set his hand and seal or if corporate, has caused this instrument to be signed in its corporate name by its duly authorized officers and its seal to be hereunto affixed by authority of its Board of Directors, the day and year first above written.

(Corporate Name) C.C. Ballard, Jr. (SEAL)

BY: Mildred P. Ballard (SEAL)

President Mildred P. Ballard

ATTEST: (SEAL)

Secretary (Corporate Seal) (SEAL)

Blount Co. Tennessee County.

I, a Notary Public of the County and State aforesaid, certify that C.C. Ballard, Jr. and wife, Mildred P. Ballard Grantor,

personally appeared before me this day and acknowledged the execution of the foregoing instrument. Witness my hand and official stamp or seal, this 9th day of December, 1998.

My commission expires: 2001 Barbara A. Houser Notary Public

Tennessee Blount Co. County.

I, a Notary Public of the County and State aforesaid, certify that C.C. Ballard Jr. and Mildred P. Ballard Secretary of

personally came before me this day and acknowledged that he is a North Carolina corporation, and that by authority duly given and as the act of the corporation, the foregoing instrument was signed in its name by its

President, sealed with its corporate seal and attested by as its Secretary. Witness my hand and official stamp or seal, this 9 day of Dec., 1998.

My commission expires: 2002 Notary Public

The foregoing Certificate(s) of Barbara A. Houser

is/are certified to be correct. This instrument and this certificate are duly registered at the date and time and in the Book and Page shown on the first page hereof.

REGISTER OF DEEDS FOR Blount County

By: Peter W. DeBruhl Deputy/Assistant - Register of Deeds

NORTH CAROLINA)
BUNCOMBE COUNTY)

THIS INDENTURE, Made this the 6th day of February, 1961, by and between G. C. BALLARD and wife, MIMA BALLARD, hereinafter called Grantors, and G. C. BALLARD, JR., and wife, MILDRED P. BALLARD, hereinafter called Grantees,

W I T N E S S E T H

That the Grantors, for and in consideration of the sum of TEN DOLLARS and other good and valuable considerations to them in hand paid by the Grantees, the receipt of which is hereby acknowledged, have given, granted, bargained, sold and conveyed, subject only to the reservation of life estates hereinafter contained, and by these presents do give, grant, bargain, sell, convey and confirm unto the Grantees, their heirs and assigns, subject to said reservation of life estates, the following particularly described real estate, located in Leicester Township, Buncombe County, North Carolina, to-wit:

BEGINNING at a Hickory marking the northeast corner of Thomas Brookshire, and runs thence with the northeasterly line of Carey Anders, North 42° West 1831 feet to a stake which is located South 47° West 14 feet from a 24 inch White Oak tree; thence leaving Anders' line and running North 16° 52' East 555.3 feet to a stake; thence North 6° 41' West 232.7 feet to a stake in the east pavement of Erwin Hills Road; thence crossing said Road, North 48° West 22 feet to a stake in the west edge of the pavement of said Erwin Hills Road; thence with the west edge of said pavement, South 42° East 282.5 feet to a stake; thence leaving said Road, North 20° 46' West 130.4 feet to a stake; thence South 77° 56' West 134 feet to a stake; thence North 77° 56' West 134 feet to a stake; thence North 15° 27' West 393.5 feet to a stake; thence South 71° 48' West 234 feet to a stake; thence South 55° 48' West 240.6 feet to a stake; thence North 45° West 84 feet to a planted stone, formerly a Black Oak corner of John Flemmons; thence with the east line of John Flemmons,

North 22° 30' East 482 feet to a stake in said line; thence continuing with said line, North 4° East 1586 feet to a stake in the south line of Minerva Flemmons; thence with her south line, South 82° 45' East 771.4 feet to a stake in the west line of David Williams; thence with his said line, South 2° 30' West 528 feet to a dogwood in said line; thence still with David Williams' line, South 2° 30' East 668.25 feet to a stake in the northwest corner of a tract conveyed by G. C. Ballard and wife, Mima Ballard to G. C. Ballard, Jr., by deed recorded in Book 741 at Page 144 in the Buncombe County Registry; thence with the west line of said last mentioned tract, South 1° 50' East 193.6 feet to a stake, the southwest corner of said tract; thence with the southern line of said G. C. Ballard, Jr., tract, South 69° 32' East 117.4 feet to a stake in the west edge of the pavement of Erwin Hills Road; thence with said pavement, North 20° 15' East 131.6 feet to a stake in the same; thence continuing with said pavement, North 24° 11' East 118.45 feet to a stake in the northeast corner of said G. C. Ballard, Jr., tract; thence crossing Erwin Hills Road, South 89° 30' East 71.5 feet to a stake; thence South 13° 45' East 2376 feet to a stake; thence westwardly 206.25 feet to the BEGINNING. Containing 61.4 acres, more or less, according to a survey of Carter & Bearden, Engineers, January, 1961.

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SAVING, EXCEPTING and RESERVING, however, from the operation of this conveyance, unto the above named Grantors or the survivor of them, the right to occupy, manage, use, control and enjoy; and to receive the rent, income and profit of said hereinabove described land for and during the natural life of said Grantors or the survivor of them.

TO HAVE AND TO HOLD the above described land and premises, with all the appurtenance thereunto belonging or in any wise appertaining, but SUBJECT TO the hereinabove contained reservation of life estate, unto the Grantees, their heirs and assigns forever.

And the Grantors covenant to and with the Grantees, their heirs and assigns, that the Grantors are lawfully seized in fee simple of said land and premises, and have full right and power to convey the same to the Grantees

in fee simple, and that said land and premises are free from any and all encumbrances EXCEPT the reservations of life estates, hereinabove set forth and contained, and that they will and their heirs and assigns, executors and administrators shall forever warrant and defend the title to said land and premises, with the appurtenances but SUBJECT TO the reservation above stated, unto the Grantees, their heirs and assigns, against the lawful claims of all persons whomsoever.

IN WITNESS WHEREOF, the Grantors have hereunto set their hands and seals, the day and year first above written.

E. C. Ballard SEAL

Mina Ballard SEAL

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NORTH CAROLINA)
BUNCOMBE COUNTY)

I, J. MARVIN GLANCE, a Notary Public of
said State and County, do hereby certify that G. C.
BALLARD and wife, MIMA BALLARD, personally appeared before
me this day and acknowledged the due execution of the
foregoing instrument.



WITNESS my hand and Notarial seal this the 6th
day of February, 1961.

J. Marvin Glance
Notary Public

My commission expires
Sept. 15, 1962

NORTH CAROLINA)
BUNCOMBE COUNTY)

The foregoing certificate of J. Marvin Glance,
a Notary Public of the State and County designated, is
adjudged to be correct. Let the instrument and the
certificates be registered.

This 7th day of February, 1961.

Amriew Jackson
Deputy Clerk Superior Court, Buncombe
County, North Carolina

Filed for registration on the 7 day of
February, 1961, at 3:27
P. M.

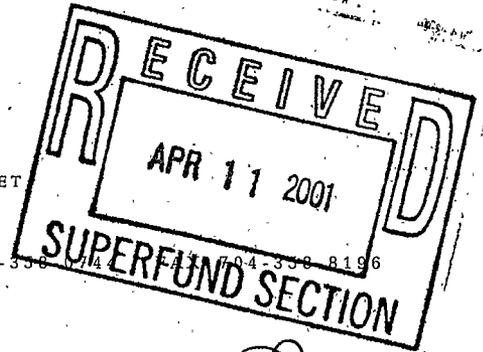
Gen. A. Dixon, Jr. by Reginald B. West
Register of Deeds Deputy

This deed prepared by:

J. Marvin Glance
Attorney at Law.

ALTURA ENVIRONMENTAL

1300 SOUTH MINT STREET
SUITE 150
CHARLOTTE, NC 28203



MEMORANDUM

DATE: April 10, 2001
FROM: Rebecca Wallace-Aktas, Altura Environmental, Inc.
TO: John Walch, NCDENR, Superfund Section
RE: Buncombe County Landfill List

A handwritten signature in cursive script, appearing to read "Rebecca Wallace-Aktas", written over the "FROM:" line of the memorandum.

Please find attached the final list for the Buncombe County landfill sites. There are a total of 55 sites on the list. We presented the list in a table context. Column one is the Altura site ID number. The second column is the site name; here we choose the most common reference to the site, although synonyms are provided. The third column is the permit number, either state or county, if applicable, followed by column four which lists the location of the landfill within Buncombe County. As you will see we have also designated if the site is listed on the IHWS list of sites. The following columns provide latitude, longitude, size of the landfill, and property size, year opened and year closed. As available, Altura has noted the names (and addresses) of the site owners/operators. In the thirteenth and final column, we provide directions to the site, the site tax parcel number, and note any additional information collected.

We excluded all land clearing (LC) and land clearing and inert debris (LCID) sites from the list. All of the permitted sites listed do not have current monitoring regulations. Further, all non-permitted sites are one (1) acre or more, or are located near streams, creeks, or public areas (churches, etc.).

Also provided for your review in the attached manila folder are maps to the sites and aerial photographs, as available.

Attached is the invoice for the Buncombe County investigation. We discovered or further investigated a total of 55 landfill sites, at a negotiated cost of \$550.00 per site, for a total of \$30,250.00.

ALTURA ENVIRONMENTAL, INC.

Landfill Inventory – General Information

County: Buncombe County, North Carolina

Date Completed: April 10, 2001

County Contact: Al Hetzell

Title: Waste Management Specialist

Telephone: 828/ 251-6784

Altura Site ID	Site Name	ID Number/ Permit No. (If applicable)	City	IHWS List	Lat.	Long.	Landfill Size	Property Size	Year Open	Year Closed	Operator/ Owner	Directions (Nearest intersecting streets, etc.)
011-001	Amboy Road		Asheville								City of Asheville	Amboy Road, Part of the Old Asheville Speedway TAX PIN No. 9638.20-70-7183, 9637.07-69-6905 * Topo map
011-002	American Enka Corporation Alias: BASF	Permit 11-02	Enka	X	Aprox. 35.5380	Aprox. -82.6722	28 Ac.		1979			U.S. Highway 19 and 23. *Aerial photograph
011-003	Arden Disposal Alias: Walker Manufacturing Co. Alliance Carolina Tool and Mold	NONCD0000165	Arden	X	35.4655	-82.5422	2.6 Ac.			1976		Glenn Bridge Road at Highway 25 *Topo map
011-004	Asheville Landfill Alias: Buncombe County Landfill	NONCD0000167	Asheville		35.69	-82.6085	120 Ac.	370 Ac.	1971	1971		Highway 191, 5.9 miles north of Asheville TAX PIN No. 9721.04-94-3503
011-005	Aston Park Site		Asheville						1990		City of Asheville	380 Brevard Road Demolition Landfill TAX PIN No. 9637.05-08-8582 *Topo map & aerial photograph
011-006	Azalea Road Illegal Demolition Landfill		Asheville				> 16 Ac.		~1960		John W Moyer 1200 Oteen Church Road	On Azalea Road, next to Swannanoa, Inert debris, demolition debris, drums, tires, etc. Tax Ward 7 Sheet 34 Lot 26 Violations: 1989 & 1994
011-007	Bee Tree Road (Chemtronics. Inc./Jet Research)		Swannanoa							~1989	NC Dept. of Human Resources	Bee Tree Road
011-008	Bill Walker's Dump		Asheville								Bill Walker / Bill Walkers Used Tires	Patton Avenue W. – take right on Louisiana Avenue, take right on Emma Road, follow a short distance, site on right
011-009	Black Mountain	NONCD0000166	Black Mountain		35.6339	-82.3436						End of State Route 2474 * Aerial photograph

Landfill Inventory- Buncombe County, NC

Altura Site ID	Site Name	ID Number/ Permit No. (If applicable)	City	IHWS List	Lat.	Long.	Landfill Size	Property Size	Year Open	Year Closed	Operator/ Owner	Directions (Nearest intersecting streets, etc.)
011-010	Black Mountain Juvenile Detention Center		Black Mountain				1-2 ac.			~1987	Western Carolina Center	SR 2474- Asbestos and demolition materials. Deed recorded.
011-011	Bradley Branch Road and Glen Bridge Road		Arden/Skyland						1991	1991	Dillingham Construction Co. Joc Meyer	Near Asheville Municipal Airport
011-012	Broadview Acres		Oakley							1992	Richard A McBrayer	33 Broadview Drive, Lot 17 & 18 Broadview Acres Plat Book 18, page 35 Map Book 60, page 57
011-013	Buckeye Cove Alias: Swannanoa #1		Swannanoa									Buckeye Cove Road, TAX PIN No. 9688.10-27-1016
011-014	Buncombe County – Demolition Landfill Alias: Parrot's Demolition	11-A	Asheville				11 Ac.		1980		Taylor & Murphy 643 Brevard Road	Highway 191, South of Pond Road intersection on right. Tires and other misc. debris prior to LCID permit. TAX PIN No. 9637.05-08-1682 & 9637.05-08-1461
011-015	Buncombe County Landfill Alias: East Canton Landfill Old Church Landfill	NONCD0000682	Hominy				14 Ac.	557 Ac.	1985			Highway 151 (Piney Mountain Church Road)
011-016	Buncombe County Landfill (Old Site) Alias: Woodfin	NCD980558001	Asheville	X			95.5 Ac.	227 Ac.	~1985	~1995		10 Riverside Drive, behind the Craggy Correctional Center, TAX PIN No. 9730.18-42-6079
011-017	Candler Refuse Disposal Area	NONCD0000162	Candler		35.5789	-82.6826	3 Ac.	5 Ac.	1971	1971		Piney Mountain Church Road Highway 151 N, Industrial & household debris TAX PIN No. 8696.03-23-6461
011-018	Carolina Power & Light Landfill		Asheville									Off River Road, almost to Biltmore where the road curves around, next to bridge TAX PIN No. 9648.17-01-0748
011-019	CTS of Asheville	NCD003149556	Asheville	X								Mills Gap Road
011-020	D&D Enterprises		Asheville								Roger Davis	208 Swannanoa River Road, Demolition landfill along Ross Creek
011-021	Elk Mountain Landfill/Asheville City Landfill	NCD980558019	Asheville	X	35.6385	-82.588	100 Ac.	100 Ac.	1973	1985		Off 19 and 23, TAX PIN No. 9730.06-37-9605 *Topo map

Landfill Inventory- Buncombe County, NC

Altura Site ID	Site Name	ID Number/ Permit No. (If applicable)	City	IHWS List	Lat.	Long.	Landfill Size	Property Size	Year Open	Year Closed	Operator/ Owner	Directions (Nearest intersecting streets, etc.)
011-022	Emil D. Young Landfill		Asheville				"several acres"				Emil D. Young	Highway NC 81 Swannanoa River Road. Demolition materials, appliances, etc.
011-023	Fairview Elementary School Landfill	11-B	Fairview				<2 Ac.				Buncombe County School Board	Behind the school under playing fields. Demolition debris.
011-024	Fairview Refuse Disposal Area Alias: Hollywood Landfill	NCD980557946	Fairview	X	35.5158	-82-3706	5 Ac.	5 Ac.	1969	1973		SR 2810 2 miles off Garren Road, 2 miles N of Fairview or SR 2810 Fairview Road off US 74, SE of I-40 TAX PIN No. 9696.04-92-7998
011-025	Fishburne Landfill	NCD980557953	Fletcher	x	35.4509	-82.5284	50 Ac.	50 Ac.	1971	1973		Off SR 3527 and I-26 N of Fletcher, on SR 3526 (Airport Road) TAX PIN No. 9643.02-98-6270 * Topo map & aerial photograph
011-026	Fishburne Refuse Dump	NONCD0000163	Fletcher	X	35.4667	-82.5426	5 Ac.	18 Ac.	1971	1973		On Bradley Branch Road off Airport Road, Back Deed reference 926/109. State Route 3524, behind Fishburne Equipment *Topo map & aerial photograph
011-027	Gilliam Road		Arden				1 Ac.				Mr Michael Weaver of Paving Enterprises 15 Gilliam Road	Off Gilliam Road
011-028	Grove Stone Landfill	NCD980557912	Black Mountain	X	35.6046	-82.3656	15 Ac.	100 Ac.	1952	1972		Grove Stone property on Grove Stone Road off old U.S. 70, 2 miles west of Black Mountain on Swannanoan Fork Road, TAX PIN No. 0609.05-19-6605
011-029	Happy Valley Baptist Church Alias: Happy Valley Independent Missionary Baptist Church		Asheville				<1 Ac.				Happy Valley Baptist Church	On Happy Valley Road, off Johnston Blvd, behind the church. Shingles and wood waste, misc.
011-030	Harry Clay's Illegal Dump Site		Leicester				2 Ac.				Harry Clay	Take Patton Ave W (in Asheville), right on Leicester Highway (Highway 63), site on left after passing Ingles grocery store on right.
011-031	Hominy Creek Landfill	NCD980558035	Asheville	X	35.5526	-82.593	100 Ac.	100 Ac.	1960	1973		Hominy Creek Road off of NC 191, just south of I-40 at Rhododendron Park, TAX PIN No9637.01-16-5732 * Aerial photograph & Topo map
011-032	Illegal Dump on Johnson Road off Olivette Road		Leicester				2 Ac.				Unknown.	Large trash dump, all types of wastes, likely hog wastes

Landfill Inventory- Buncombe County, NC

Altura Site ID	Site Name	ID Number/ Permit No. (If applicable)	City	IHWS List	Lat.	Long.	Landfill Size	Property Size	Year Open	Year Closed	Operator/ Owner	Directions (Nearest intersecting streets, etc.)
011-033	Johnson Elementary School		Weaverville								Buncombe County School Board	Adjacent to the school underneath the playground. Demolition debris
011-034	Main Auto Parts 61 Craven Street Asheville, NC 28806		Asheville					11.508 acres		Dec. 1993	William Anson Bell	Near Haywood Road, between Smith Bridge and West Asheville Bridge TAX PIN No. 9638-12-87-4337.000, 06 Township Landfill recorded in Map Record 62/19 *Site map
011-035	Mills Gap Road (illegal dump) to Cane Creek		Fletcher		Aprox. 35.44776	Aprox. - 82.47530					James Youngblood Fletcher, NC	Near Cane Creek: construction debris, trash and demolition materials. Materials from Suitt Construction Co. working at Steelcase Co. * Topo map & aerial photograph
011-036	Mitchell's Illegal Lanfill		Fairview								Emory Mitchell	Hwy 74 E (Fairview Road), take a left on Old Fort Road (at Texico Cedarcliff), take a left onto Ballard Creek Road (SR 2778) dirt road, site on the right with house above on hill.
011-037	Money-Worth, Inc. Alias: Swannanoa Unauthorized Landfill	NCD008839276	Swannanoa	X								U.S. 70 E., 1/2 mile East of Swannanoa, TAX PIN No. 9699.18-31-7143
011-038	Mr. Jack Shepherd Construction & Demolition Landfill		Weaverville				<1 Ac.				Jack Shepherd 112 Monticello Road	Garrison Road (SR 1791) off Monticello Road (Highway 25 and 70) Construction and demolition debris Violations 1993, 1996 and 1998
011-039	Near Residence 6 Glenclyff Road		West Asheville							~1989	Buncombe County	Glenclyff Road near Enka Middle School-auto body parts protruding from ravine.
011-040	Pond Road Landfill #1	NONCD0000164	Asheville		35.5555	-82.6331	6 Ac.	6 Ac.	1962	1979		Pond Road (SR 3421) off I-26 near Hominy Creek, across Pond Road from Landfill #2 TAX PIN No. 9627.62-82-7809 * Aerial photograph
011-041	Pond Road Landfill #2	NOD980558027	Asheville	X	35.5555	-82.6331	10 Ac.	10 Ac.	1962	1979		Pond Road (SR 3421) off I-26 near Hominy Creek, across pond from Landfill #1, TAX PIN No. 9627.16-83-1147, * drums dumped in LF *Aerial photograph
011-042	Ridgecrest Baptist Convention Center		Ridgecrest							~1975		Asbestos and demolition debris site on the Baptist Convention site.
011-043	Safe Waste Corporation		Buncombe County									Applied for permit to operation a landfill at convenience store center site on (Highway 191) Brevard Road

Landfill Inventory- Buncombe County, NC

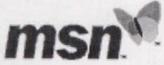
Altura Site ID	Site Name	ID Number/ Permit No. (If applicable)	City	IHWS List	Lat.	Long.	Landfill Size	Property Size	Year Open	Year Closed	Operator/ Owner	Directions (Nearest intersecting streets, etc.)
011-044	Sand Hills Elementary School Landfill	11-C	Enka				1 Ac.			~1994	Buncombe County School Board	151 Sand Hills School Road, behind the school. Demolition debris
011-045	Sayles Town Road		Fairview				1/2 Ac.				Mike Sayles	115 Sayles Town Road, located close to the stream.
011-046	Stoney Fork Road		Barnardsville				~1 Ac.				Mr Scott Banks 717 Dillingham Road	On Stoney Fork Road, on a branch of the river and in it.
011-047	Swannanoa #2 Landfill	NCD980557987	Swannanoa	X	35.5941	-82.3845	16 Ac.	24 Ac.	1973	1980		State Route 2730 (Harrison Drive) and State Route 2868 S. of I-40, TAX PIN No. 9698.06-38-8915 *Aerial photograph
011-048	Swannanoa Demolition Landfill		Swannanoa									US 70, TAX PIN No. 9699.18-31-3216, 9699.18-31-4310, 9699.18-31-5352, 9699.18-31-7208, 9699.18-31-7291, 9699.18-31-8188, 9699.18-31-9069
011-049	Swannanoa Landfill (closed-out)		Swannanoa							~1982		US 70 , TAX PIN No. 9699.18-30-3780, 9699.18-30-5697, 9699.18-30-7690, 9699.18-30-9509
011-050	Sweeten Creek Road (illegal dump) Alias: Sweeten Creek Drum Site		Chandler	X					1976	~1981	Morgan Williams 143 Colony Drive Arden, NC	On Sweeten Creek Road, right side of road (4-5 miles) from Biltmore before the Parkway overpass. * Topo map & aerial photograph
011-051	Taylor and Murphy Construction Co. (illegal dump) Alias: Asheville Riverside Dr Landfill		Asheville							1988/ 1989	Kenneth D. Murphy	Off Riverside Drive and Pearson Drive, Lots 22, 23, 24, & 25, Ward 3, Sheet 6, Buncombe County Landfill Map recorded in map 57/79 TAX PIN No. 9639.20-80-1059, 9639.20-80-1311, 9639.20-80-0544, 9639.20-70-9776, 9639.20-70-9848, 9639.20-71-6434, 9639.20-71,5731, etc.
011-052	Tom Brown's Farm		Black Mountain				~1 Ac.				Tom Brown 3155 N Fork Rd, Black Mountain	N Fork Road, Left, dead end at N Fork Res. Two reports: 2/15/94 - demolition materials 7/5/96 - 2-550 gallon USTS's
011-053	Valley Springs Middle School Landfill	11-D	Valley Spring							1993	Buncombe County School Board	Off Long Shoals Road, behind the school. Demolition debris.
011-054	Weaverville Landfill		Weaverville		35.6823	-82.563	2	2	1972	1972		1.5 miles SW of Weaverville TAX PIN No. 9732.11-75-1627

Landfill Inventory- Buncombe County, NC

Altura Site ID	Site Name	ID Number/ Permit No. (If applicable)	City	IHW/S List	Lat.	Long.	Landfill Size	Property Size	Year Open	Year Closed	Operator/ Owner	Directions (Nearest intersecting streets, etc.)
011-055	White Fawn Reservoir Site		Asheville						1990	1995	James Westbrook Manager / City of Asheville	Off of Charlotte Street in the old White Fawn Reservoir

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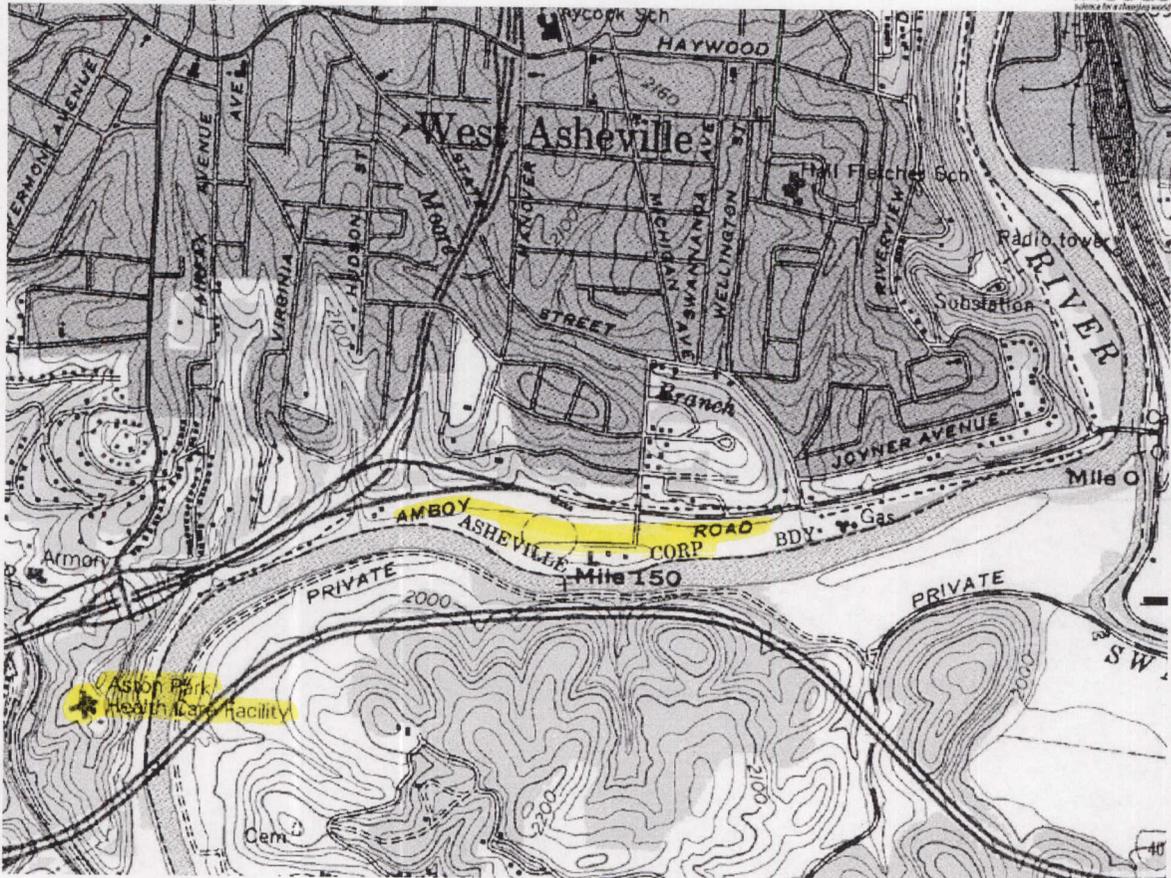
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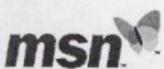
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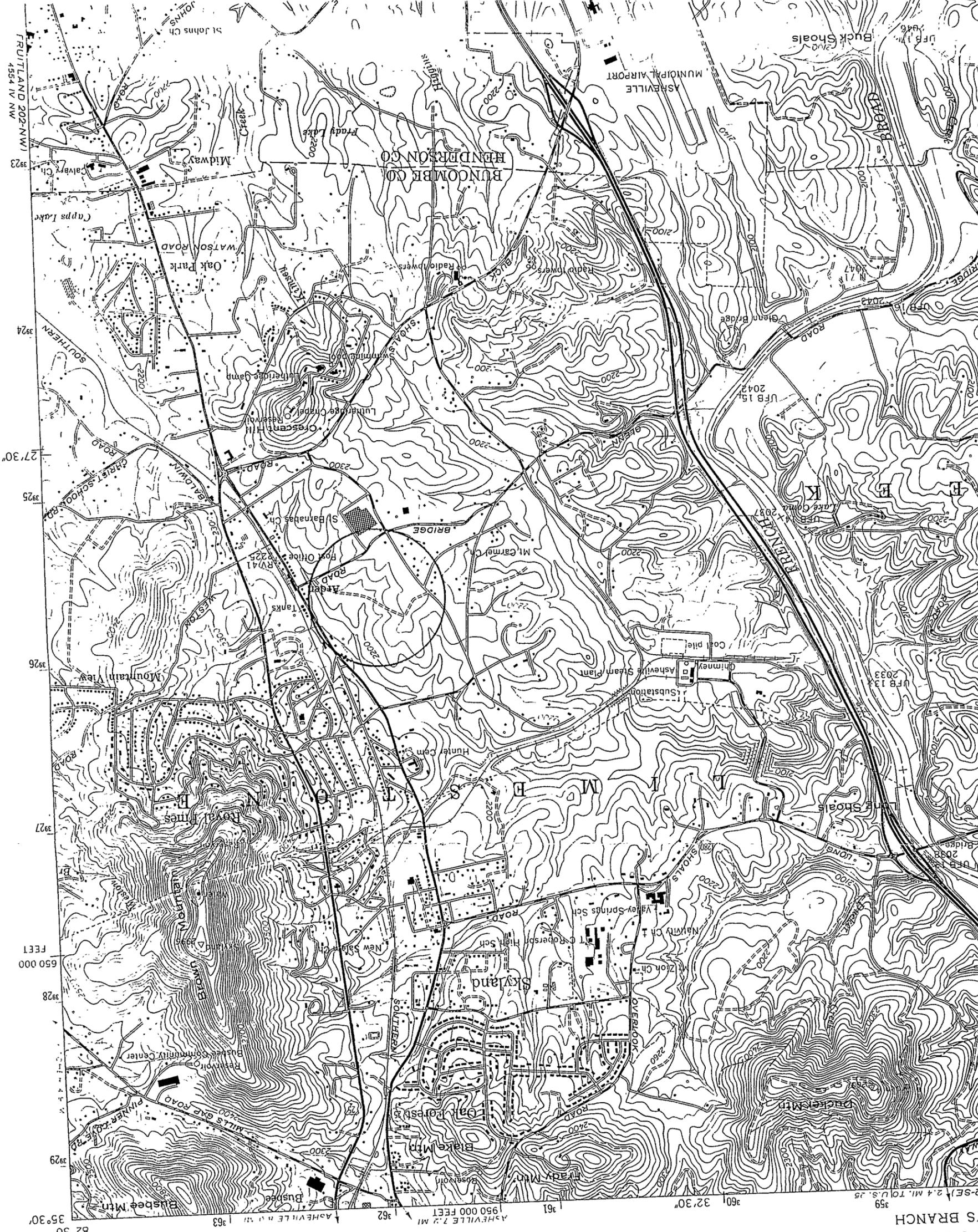
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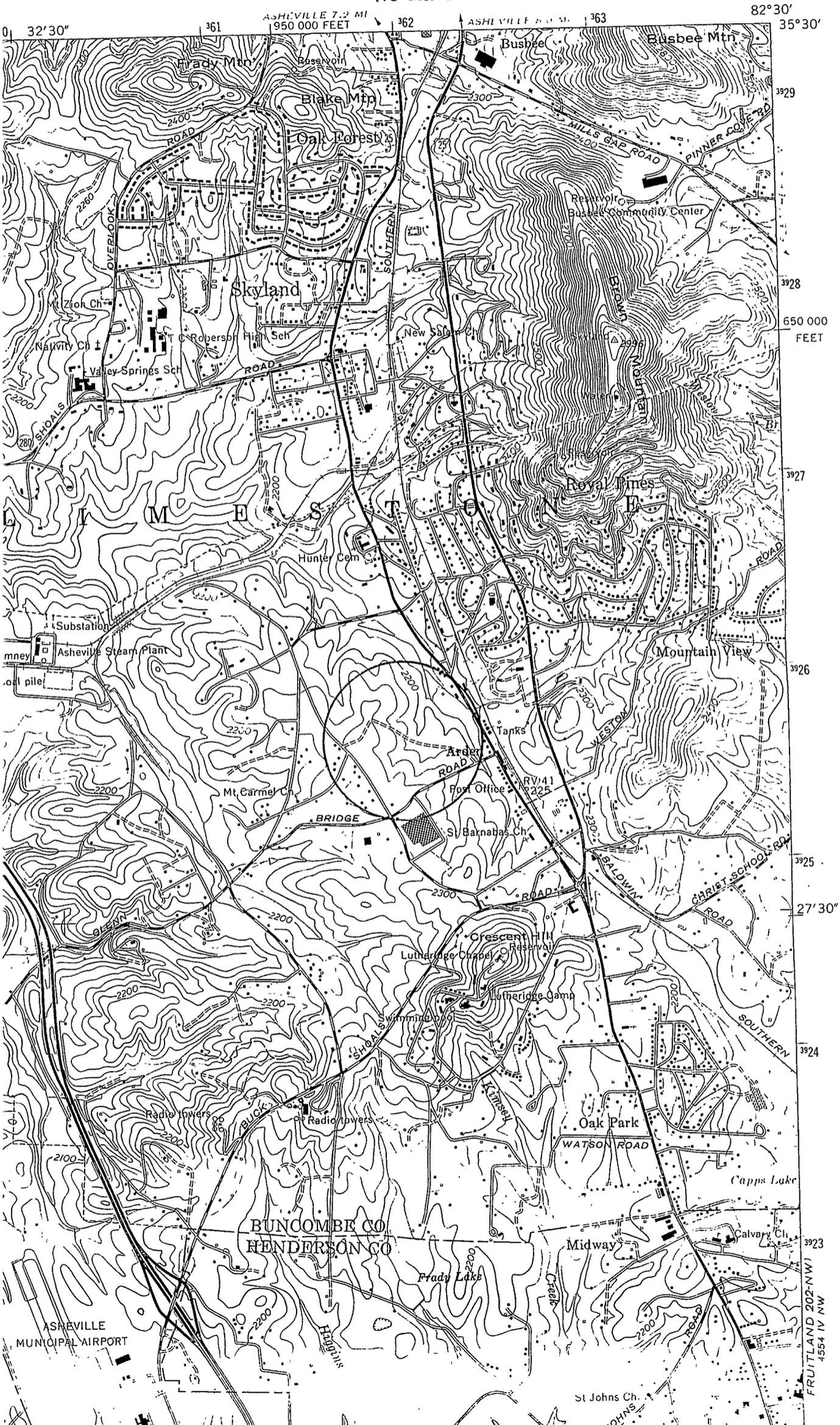
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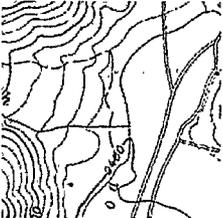
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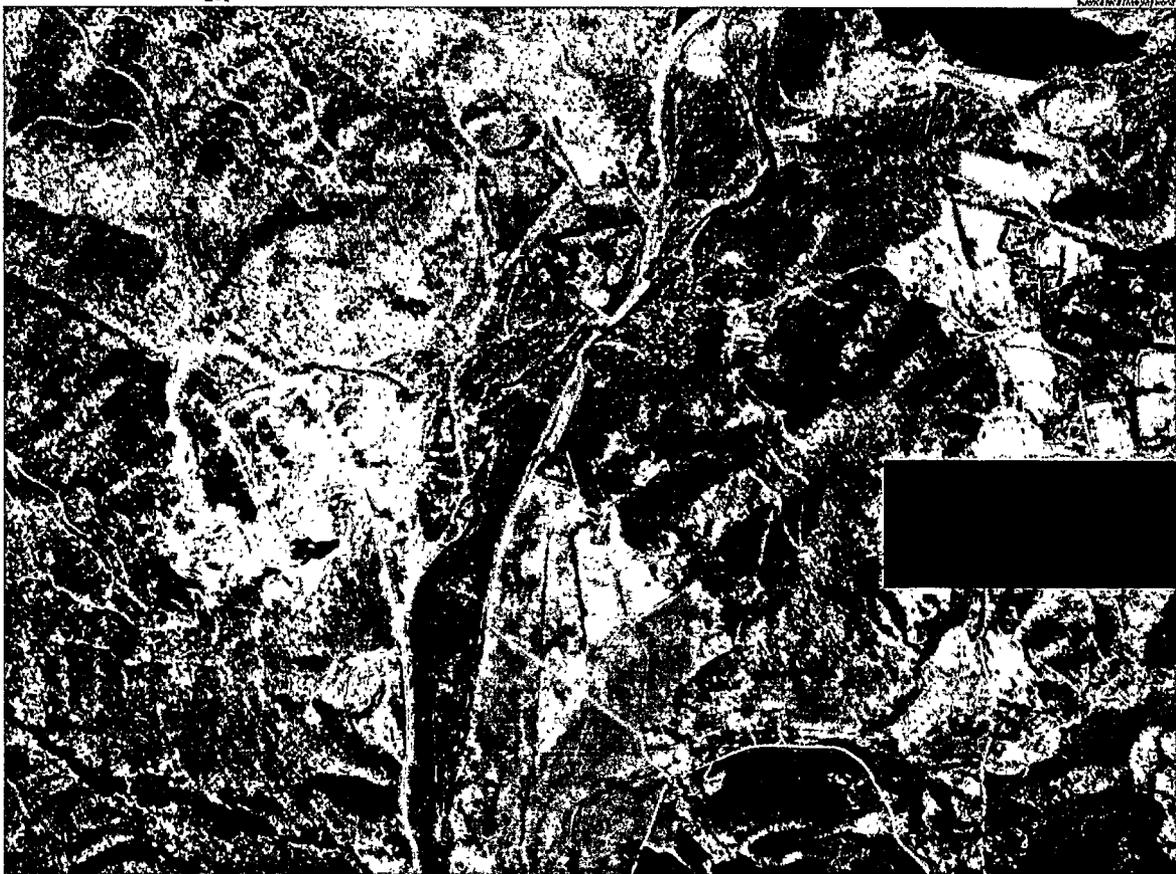
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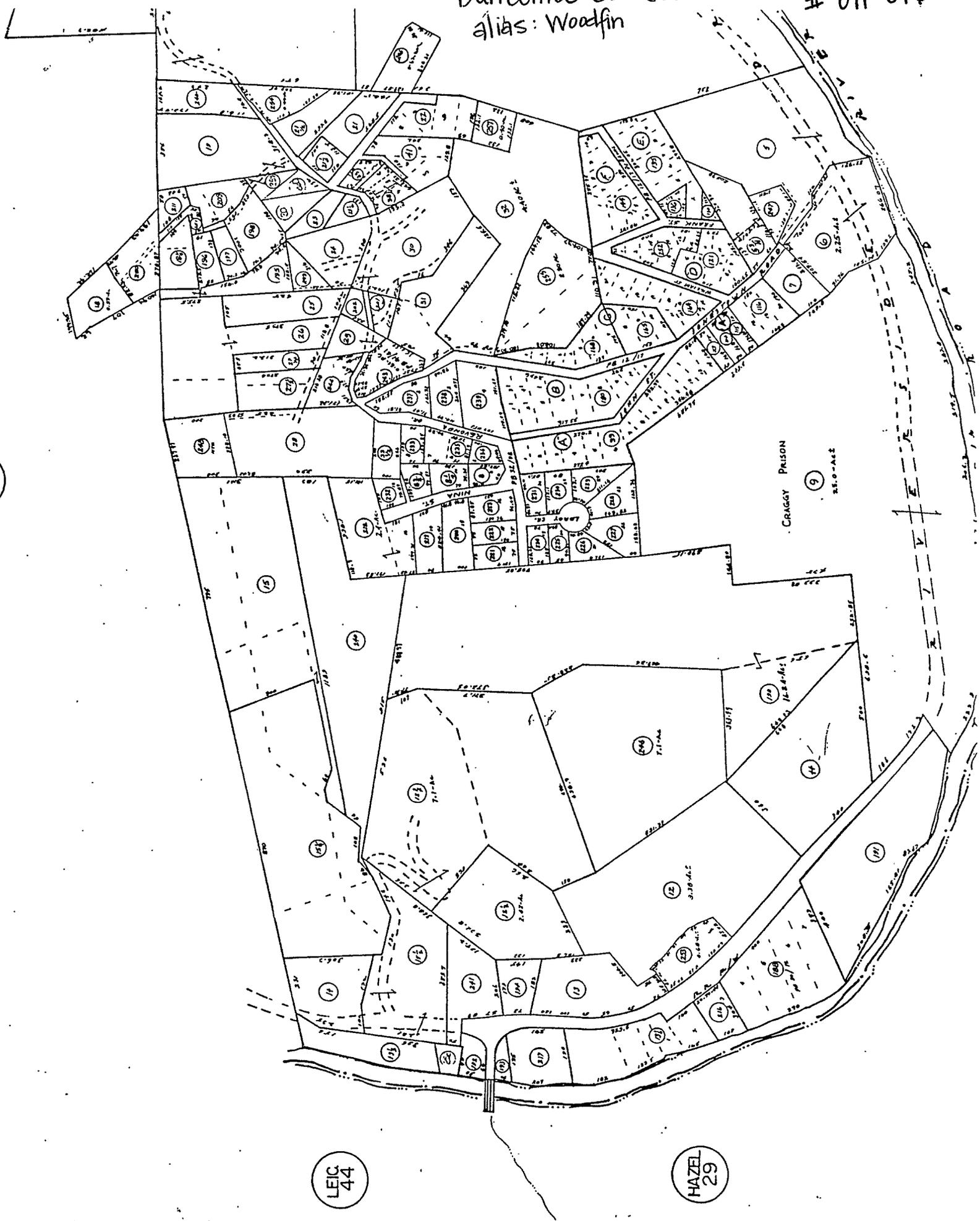
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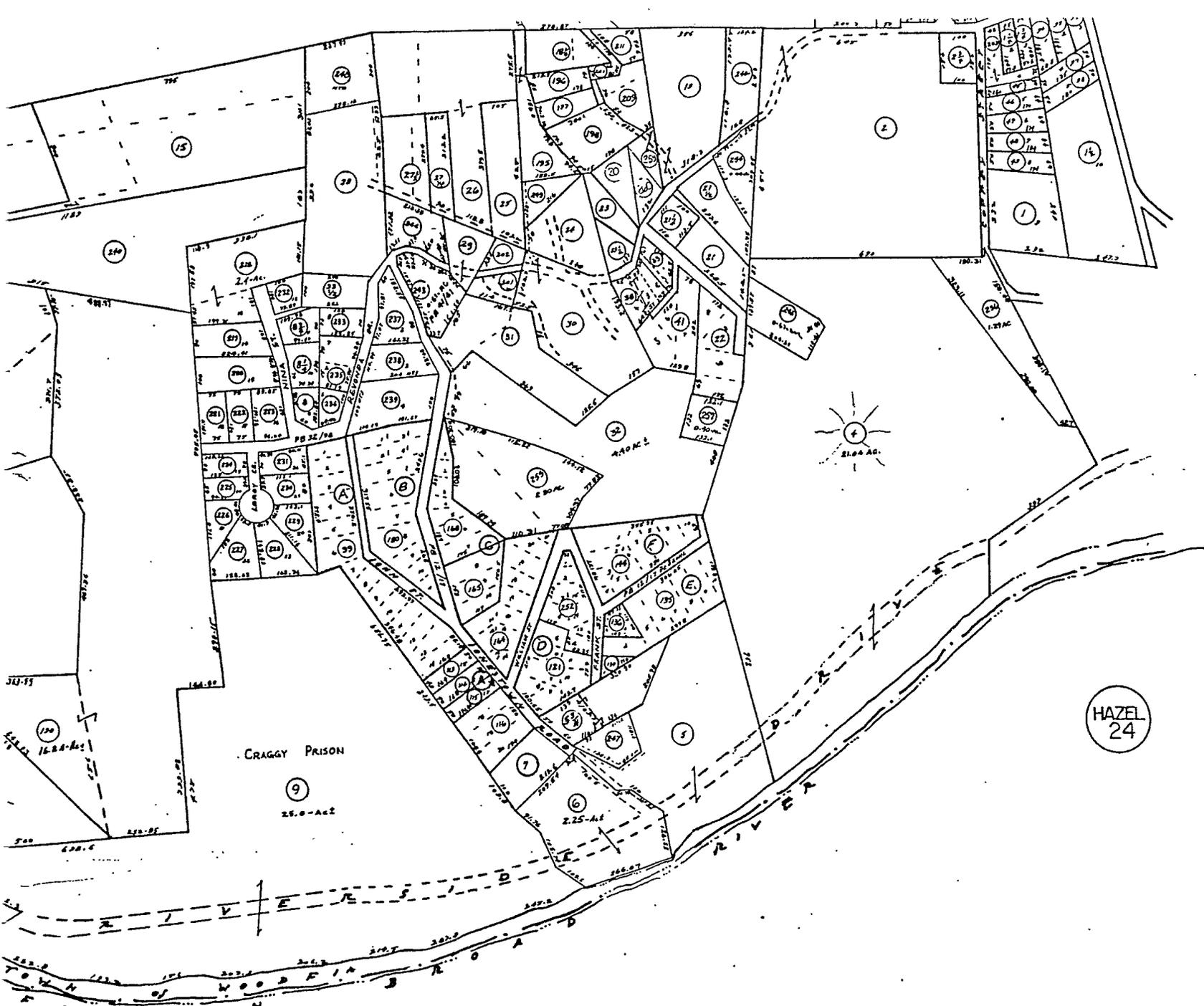
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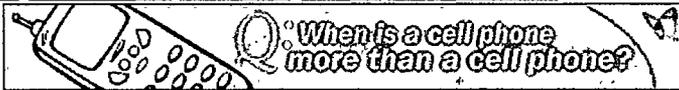
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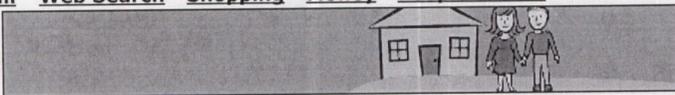
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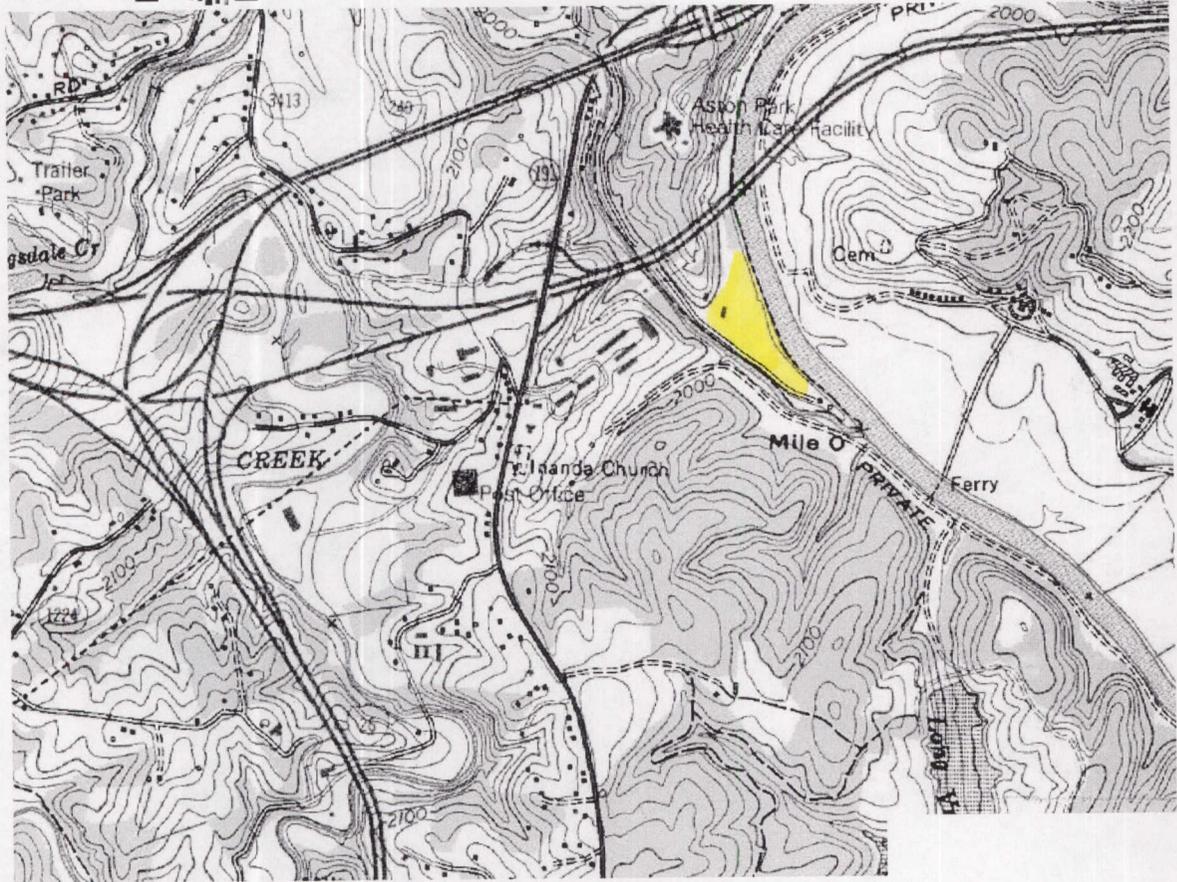
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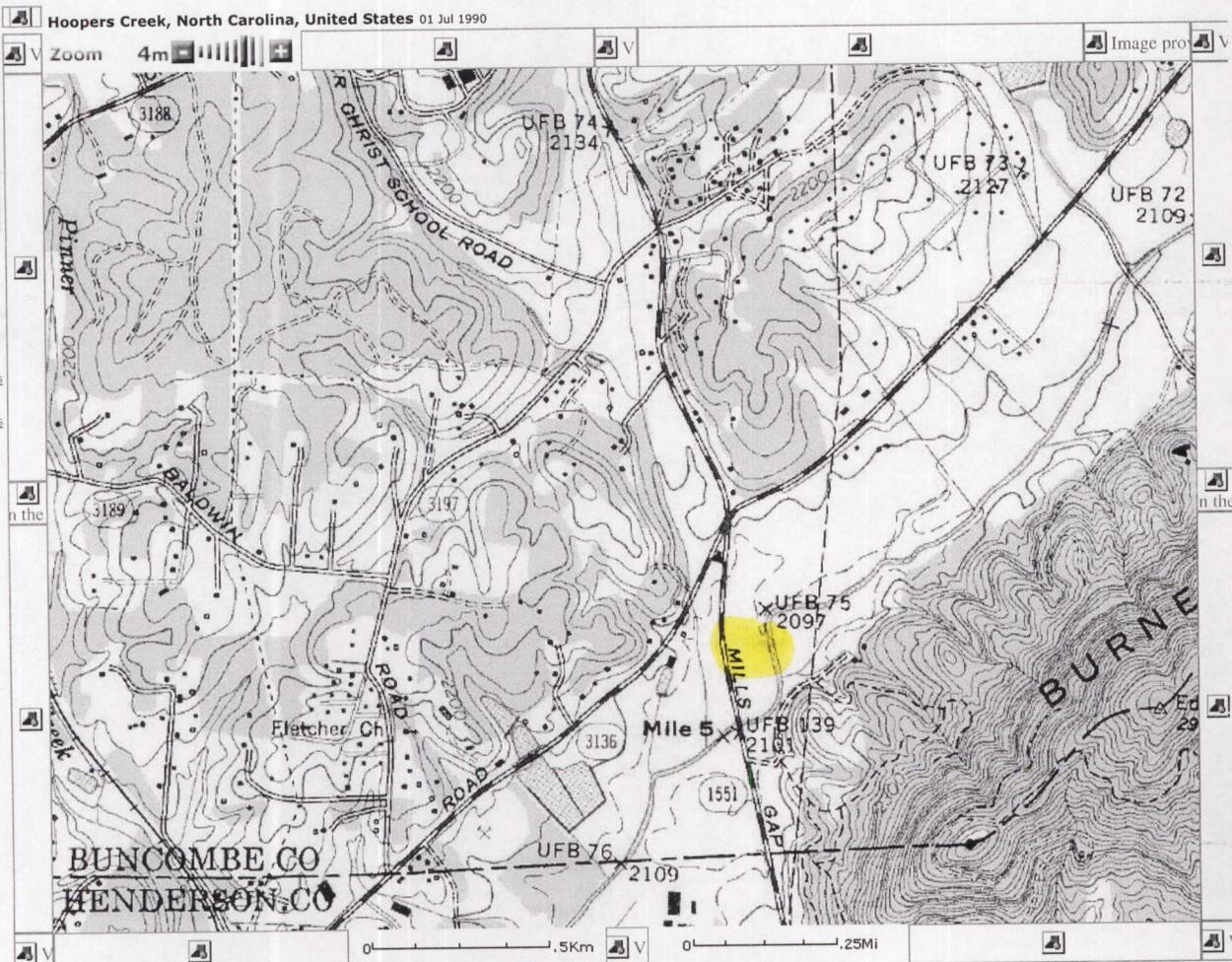
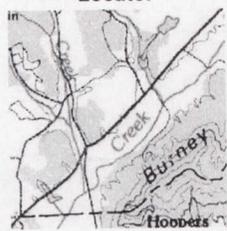
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Image courtesy of the US Geological Survey.

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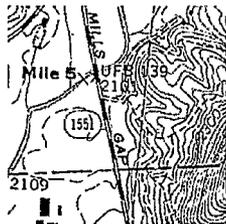
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Hoopers Creek, North Carolina, United States 19 Mar 1994

Zoom 1m



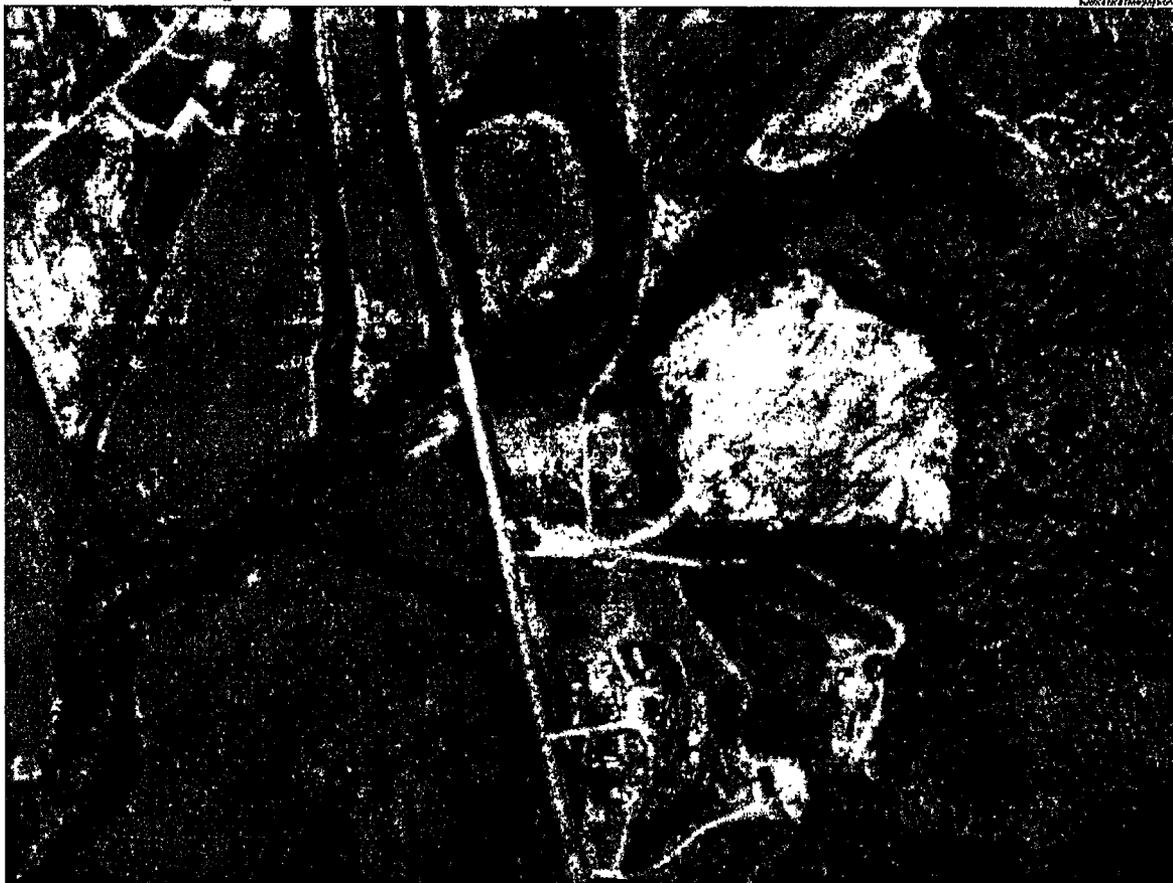
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0 100M 0 100yd

Image courtesy of the US Geological Survey.

OrigMetaTag = '3508237NW' Center Lon,Lat= -82.47540,35.44776 Running Time 80 ms Time 3/29/2001 12:22:09 PM to 3/29/2001 12:22:09 PM

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TerraServer
Image Info
Locator

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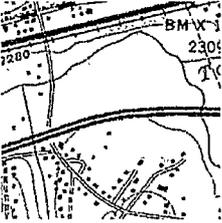
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Black Mountain, North Carolina, United States 22 Mar 1994

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0 100M 0 100yd

Image courtesy of the US Geological Survey.

OrigMetaTag = '3508230NW' Center Lon,Lat= -82.33482,35.60808 Running Time 30 ms Time 3/30/2001 5:22:06 AM to 3/30/2001 5:22:06 AM

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NORTH CAROLINA DEPARTMENT OF
ENVIRONMENT AND NATURAL RESOURCES

DIVISION OF WASTE MANAGEMENT

January 14, 2000

JAMES B. HUNT JR.
GOVERNOR

MEMORANDUM

BILL HOLMAN
SECRETARY

TO: Al Hetzell
Solid Waste Section

FROM: John Walch
Inactive Hazardous Sites Branch
Superfund Section

WILLIAM L. MEYER
DIRECTOR

RE: Old Landfills & Dumps
Buncombe County

The Inactive Hazardous Sites Branch has been tasked with locating and characterizing all old landfills and dumps throughout the state. There is little information on most of these old sites and therefore they are difficult to locate. Numerous Division staff members have attempted to compile information on these sites over the last 5-10 years. Unfortunately, there is little information available for the majority of sites and the locations of the sites are still unknown.

Charlotte Jesneck has asked me to send you the attached information in hopes that you can provide additional information on the locations of the old landfills & dumps in Buncombe County. If you know the location of any of the sites listed below or on the attached information, please mark them on the attached map. If you have access to a more detailed Buncombe County map that you could mark the site locations on it would be greatly appreciated.

In closing, you will see coordinate information listed for some sites. These coordinates were developed using site description information. Unfortunately, the level of accuracy of these coordinates is poor and they of little value for most sites. Thank you for your help with this matter. If there are any questions please call me at (919) 733-2801, ext. 282 or email me at John.Walch@ncmail.net.

WALNUT COVE LANDFILL

.75 miles off Hwy 70, 2 miles West of Swannanoa

UPPER HOMINY LANDFILL

Gladys Funk Rd. (?), 3 miles Southeast of Candler

Attachments



1646 MAIL SERVICE CENTER, RALEIGH, NORTH CAROLINA 27699-1646
401 OBERLIN ROAD, SUITE 150, RALEIGH, NC 27605
PHONE 919-733-4996 FAX 919-715-3605

AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER - 50% RECYCLED/10% POST-CONSUMER PAPER

Old Landfill Inventory - General Information

NAME	EPA ID	CITY	LAT	LONG	LDL SIZE	PROP SIZE	OPEN	CLOSED	IN IHS INV?	OTHER AGENCY LEAD
COUNTY: BUNCOMBE										
ARDEN DISPOSAL		ARDEN	35.4635	-82.5422						<input type="checkbox"/>
DIRECTIONS: SR 3495 NEAR CREEK										
ASHEVILLE LANDFILL		ASHEVILLE	35.69	-82.6085	120	370	1971	1971		<input type="checkbox"/>
DIRECTIONS: HWY 191, 5.9 MI N OF ASHEVILLE										
BLACK MOUNTAIN		BLACK MOUNTAIN	35.6339	-82.3436						<input type="checkbox"/>
DIRECTIONS: END OF SR 2474										
BUNCOMBE CO LF/E CANTON LF/OLD C										<input type="checkbox"/>
DIRECTIONS: HWY 151 (PINEY MT CHURCH RD)										
CANDLER REFUSE DISPOSAL AREA		CANDLER	35.5789	-82.6826	3	5	1971	1971		<input type="checkbox"/>
DIRECTIONS: SR 1116/HWY 151, 6 MI NE OF CANDLER										
BLK MOUNTAIN LDL/ASHVILLE CITY	NCD980558019	ASHEVILLE	35.6385	-82.588	100	100	1973	1985		<input checked="" type="checkbox"/>
DIRECTIONS: SR 1684/BLK MT RD OFF US 19 & 23 AT WOODFIN ON BEAVERDAM CRK, ADJ TO MILLS MFG.										
FAIRVIEW REFUSE DISPOSAL AREA	NCD980557946	FAIRVIEW	35.5158	-82.3706	5	5	1969	1973		<input checked="" type="checkbox"/>
DIRECTIONS: SR 2810 (FAIRVIEW RD) OFF US 74 SE OF I-40										
FISHBURNE LANDFILL	NCD980557953	FLETCHER	35.4509	-82.5284	50	50	1971	1973		<input checked="" type="checkbox"/>
DIRECTIONS: OFF SR 3527 AND I-26 N OF FLETCHER, ON SR 3526 (AIRPORT RD)										
FISHBURNE REFUSE DUMP			35.4667	-82.5426	5	18	1971	1973		<input type="checkbox"/>
DIRECTIONS: SR 3524 BEHIND FISHBURNE EQUIPMENT										
GROVE STONE LF	NCD980557912	BLACK MOUNTAIN	35.6046	-82.3656	15	100	1952	1972		<input checked="" type="checkbox"/>
DIRECTIONS: GROVESTONE PROPERTY ON GROVE STONE RD OFF OLD US 70 2 MI W OF BLACK MT ON SWANNONOA N FORK RD										
HOMINY CREEK LF	NCD980558025	ASHEVILLE	35.5526	-82.593	100	100	1969	1973		<input checked="" type="checkbox"/>
DIRECTIONS: HOMINY CRK RD OFF NC 191 JUST S OF I-40 AT RHODOBEDRON PK										
MONEY-WORTH, INC	NCD008839276	SWANNANOA								<input checked="" type="checkbox"/>
DIRECTIONS: US 70 E										

NAME	EPA ID	CITY	LAT	LONG	LDFL SIZE	PROP SIZE	OPEN	CLOSED	IN IHS INV?	OTHER AGENCY LEAD
POND ROAD LF #1	NCD980558027	ASHEVILLE	35.5555	-82.6331	6	6	1962	1979		<input type="checkbox"/>
DIRECTIONS: POND RD (SR 3421) OFF I-26 NEAR HOMINY CREEK, ACROSS POND RD FROM LDFL #1										
POND ROAD LF #2	NCD980558027	ASHEVILLE	35.5555	-82.6331	10	10	1962	1979		<input checked="" type="checkbox"/>
DIRECTIONS: POND RD (SR 3421) OFF I-26 NEAR HOMINY CREEK, ACROSS POND RD FROM LDFL #2										
SWANNANOA LANDFILL	NCD980557987	SWANNANOA	35.5941	-82.8845	16	24	1973	1980		<input checked="" type="checkbox"/>
DIRECTIONS: SR 2730 (HARRISON DR) & SR 2868 S OF I-40										
WEAVERVILLE LANDFILL		WEAVERVILLE	35.6823	-82.563	2	2	1972	1972		<input type="checkbox"/>
DIRECTIONS: 1.5 MI SW OF WEAVERVILLE										



North Carolina Department of Human Resources
Division of Health Services
P.O. Box 2091 • Raleigh, North Carolina 27602-2091

James G. Martin, Governor
David T. Flaherty, Secretary

July 29, 1987

Ronald H. Levine, M.D., M.P.H.
State Health Director

MEMORANDUM

TO: Nancy Scott, Associate Attorney General

FROM: Michael L. Babuin, Solid Waste Hydrogeologist *MLB*

RE: Proposed Rule Change to North Carolina Solid Waste Management Rules (10 NCAC 10G); Section .0202 (a)(3).

Per our previous discussion regarding the above, enclosed is a copy of chapter 89E of the N.C. General Statutes and Title 21 of the N.C. Administrative Code. Please investigate the feasibility of modifying the existing regulations referenced above as follows:

"Detailed engineering plans and specifications for solid waste management facilities shall be prepared by a professional engineer, the plans which shall bear an imprint of the registration seal of said engineer and thereby include, in the case of a sanitary landfill permit application, a detailed hydrogeologic assesment prepared by a licensed geologist. Additionally, the subsurface geotechnical investigation shall be prepared by a registered geological or geotechnical engineer or by a licensed geologist. The geologic, geotechnical and hydrogeological portion of the permit application shall likewise bear an imprint of the licensing seal of the geologist in addition to the seal of the engineer responsible for the overall project."

As discussed earlier, the intent of this change is to eliminate the utilization of untrained or unprincipaled individuals with regard to the submittal of geological investigations which impact and significantly affect the life, property, health and public welfare of the residents of the State of North Carolina (G.S. 89E-2; eff. February 1, 1986).

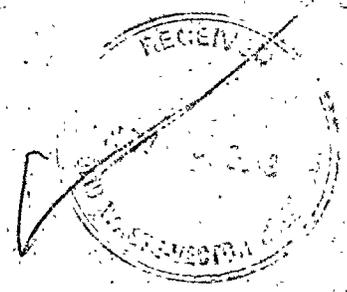
Please be further aware that the previously mentioned modification should not be construed to prevent, inhibit or affect the practice of registered professional engineers, whereas the above mentioned modifications are explicitly and unequivocally scientific endeavors, specifically, geological assessments which have no bearing upon the realm of professional engineering (G.S. 89E-7, (b), (1); eff-February 1, 1986).

Clearly, the ultimate impact of this change will preclude the submittal of subsurface hydrogeologic (scientific) investigations by individuals trained in other disciplines. Subsequently, the overall protection of public health (and the environment) should significantly improve by these actions.

MLB/mj/6946pg3

Bruncombe
Aut.

October 31, 1979



ASH: 44H-AM

Mr. David Long
Community Management Specialist
North Carolina Department of
Natural Resources and
Community Development
Asheville Regional Office
133 Woodfin Street
P.O. Box 370
Asheville, North Carolina 28801

Dear Mr. Long:

I have requested our publication section to send you the copies requested in your letter dated October 24, 1979.

I would suggest that you contact Mr. O. W. Strickland, Head of Solid Waste Program, Department of Human Resources, P.O. Box 2031, Raleigh, North Carolina 27602 (phone-919/733-2178). The North Carolina Solid Waste Program has been involved with evaluating collection systems for several years and can provide you with information on successful programs.

If this office can be of further assistance, please contact me.

Sincerely,

William D. Holland
Environmental Specialist

cc: Mr. O. W. Strickland ✓

44H-RM:WDHOLLAND:am:3016:10/31/79



STATE OF NORTH CAROLINA

DEPARTMENT OF HUMAN RESOURCES

JAMES B. HUNT, JR.
GOVERNOR

HUGH H. TILSON, M.D.
DIRECTOR

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

Division of Health Services

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

September 24, 1979



Mr. Mack Rodgers, Head
Buncombe County Department of
Community Improvement
Buncombe County Courthouse Annex
Asheville, N. C. 28801

JWM
Dear Mr. Rodgers:

The following procedures should be followed in landfilling of asbestos material. The material should be thoroughly wetted down and placed in double plastic bags prior to sending to the landfill. At the landfill, the asbestos filled bags should be placed at the toe of the working face and completely covered with other refuse prior to being run over with the equipment.

If we can assist further on this matter, please advise.

Sincerely,

JWM
J. W. Moore, Jr.
District Sanitarian

JWM/dgh

cc: Mr. O. W. Strickland

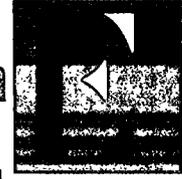
Buncombe

AWVC

Equitable Leasing Corporation



An affiliate of First & Merchants Corporation, Richmond, Virginia



1510 WILLOW LAWN DRIVE
POST OFFICE BOX 8765
RICHMOND, VIRGINIA 23226
804/282-6525



September 19, 1979

Mr. O. W. Strickland
Solid Waste & Vector Control Branch
Post Office Box 2091
Raleigh, North Carolina 27602

RE: Tax Certificates

Dear Mr. Strickland:

Pursuant to our telephone conversation, we wish to file for the tax exemption that was granted to ~~Consolidated Metal~~ in November, 1977. We have enclosed the following documents:

- 1. Equipment List
- 2. Copy of tax certificate
- 3. Pertinent Letters

We leased the equipment since 1973 until October 23, 1978. We need the certificate to file for a tax refund from Buncombe County, North Carolina for 1977-78.

If there are any questions in regards to this matter, please do not hesitate to contact the undersigned.

Very truly yours,

EQUITABLE LEASING CORPORATION

John Perkins

John Perkins

JP/tb

February 28, 1973



EQUIPMENT LIST

Four (4) Adding Machines \$50.00 each	\$200.00 ✓
Electric Typewriters (2) each \$125.00 each	250.00
Copying Machine \$450.00 each	450.00 ✓
Marchant Calculator	400.00 ✓
Safe	100.00 ✓
Check Writer	50.00 ✓
Desk & Chair combinations (4) @ \$75.00 per set	300.00 ✓
Friden Calculator	25.00
Steel Table	10.00 ✓
File Cabinets (11) each @ \$25.00 each	275.00 ✓
Misc. Office Supplies	475.00 ✓
Waste Cans	20.00 ✓
Couch	10.00 ✓
Storage Cabinets	20.00 ✓
Gindy Trailers (12) each @ \$1,200.00 each	14,400.00 ✓
Old Trailers (4) @ \$800.00 each	3,200.00 ✓
D&K Metal Shear	1,400.00 ✓
Time Clock	100.00 ✓
Barrel Trucks (4) @ \$65.00 each	260.00 ✓
Hand Truck	25.00 ✓
Battery Charger	75.00 ✓
Briquetter Automatic 1970 model	11,500.00 ✓
Horizontal Baler (1 year old)	9,500.00 ✓
Auro Hoppers \$75.00 each (20)	1500.00 ✓
Hydraulic Shear \$2,000.00 each	2000.00 ✓
Hand Magnetic Separator	50.00 ✓
Metal Boxes \$25.00 each (12)	300.00 ✓
Forklifts	7,500.00 ✓
-Lab Equipment	1,200.00 ✓
Metal straight chairs (6) @ \$10.00 each	60.00 ✓
Switch Tractor	
Tools	
Torch & Gauge	
Steel Metal Containers	
Hand Grinder	40.00 ✓

[Handwritten signature and scribbles]

Consul. Metal Co. Inc (new)
Bob Cat, machine

2500.00
57,74.00

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
RALEIGH



T A X C E R T I F I C A T I O N

(Franchise/privilege; Amortization; Amortization allowance; Net Income Adjustments; Ad Valorem)

In accordance with the provisions of the General Statutes of North Carolina [G.S. 130-166.18, G.S. 105-122(b), G.S. 105-130.10, G.S. 105-130.5(b)(6), G.S. 105-147(13), G.S. 105-275(8)], this is to certify that Consolidated Metal Company, Sweeten Creek Road, Post Office Box 5796, Asheville, North Carolina 28803 filed a tax certification request on resource recovering or recycling facilities and equipment on November 17, 19 77.

The Division of Health Services of the North Carolina Department of Human Resources inspected these resource recovering or recycling facilities and equipment on December 22, 19 77 and found that the facilities and equipment listed below meet the requirements of the "Standards for Special Tax Treatment of Recycling and Resource Recovery Equipment and Facilities".

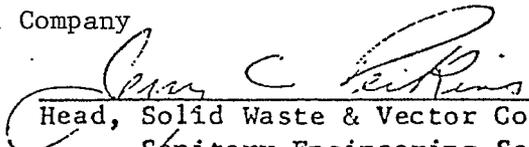
Land - One (1) Acre

Building - 15,000 Sq. Ft. less Office Space (1,000 Sq. Ft.)
(Approved 14,000 Sq. Ft.)

- | | | |
|--|-----------|------------------|
| 1 Hydraulic Shear | #1 | #302-70 |
| 1 Alligator Shear | #2 | B-2830 |
| 1 Moseley Horizontal Baler | #3 | 106-72 |
| 1 Harris Hi-Speed Briquetter | #4 | 831 |
| 2 Sets Floor Scales | #5 and #6 | 731478 & 769368 |
| 1 Set Truck Scales | #7 | 119996 |
| 1 American Pulverizer Metal Shredder with shaker table & conveyors | #8 | Model 380, #2281 |
| 1 1974 GMC Astro 95 Tractor | | TCD92AV601542 |
| 1 1974 GMC Astro 95 Tractor | | TCD92AV601548 |
| 1 1976 GMC Two Ton Truck | | TCE616V562647 |
| 1 1972 Ford Dump Truck | | N76EVK93283 |
| 1 1969 White Tractor | | 9064TD669783 |
| 1 Melroe Bobcat Unloader | | #M500 |
| 1 Melroe Bobcat Unloader | | #200-289 |
| 1 Mustang Unloader | | 1140 |
| 1 Hyster Fork Lift | | B-2D3467E |

DATE TAX CERTIFICATION APPROVED December 27, 1977

NOTE: Name changed from: Consolidated Metal Company
to: Equitable Leasing Corporation
October 10, 1979


Head, Solid Waste & Vector Control Branch
Sanitary Engineering Section

cc: Mr. J. W. Moore, Jr.
DHS Form 2480 (Rev. 8/76)
Solid Waste & Vector Control Branch

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
RALEIGH



T A X C E R T I F I C A T I O N

(Franchise/privilege; Amortization; Amortization allowance; Net Income Adjustments; Ad Valorem)

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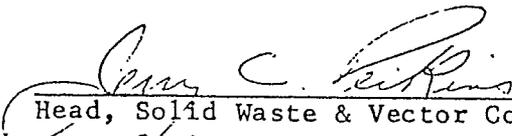
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Land - One (1) Acre

Building - 15,000 Sq. Ft. less Office Space (1,000 Sq. Ft.) (Approved 14,000 Sq. Ft.)

1 Hydraulic Shear	#1	#302-70
1 Alligator Shear	#2	B-2830
1 Moseley Horizontal Baler	#3	106-72
1 Harris Hi-Speed Briquetter	#4	831
2 Sets Floor Scales	#5 and #6	731478 & 769368
1 Set Truck Scales	#7	119996
1 American Pulverizer Metal Shredder with shaker table & conveyors	#8	Model 380, #2281
1 1974 GMC Astro 95 Tractor		TCD92AV601542
1 1974 GMC Astro 95 Tractor		TCD92AV601548
1 1976 GMC Two Ton Truck		TCE616V562647
1 1972 Ford Dump Truck		N76EVK93283
1 1969 White Tractor		9064TD669783
1 Melroe Bobcat Unloader		#M500
1 Melroe Bobcat Unloader		#200-289
1 Mustang Unloader		1140
1 Hyster Fork Lift		B-2D3467E

DATE TAX CERTIFICATION APPROVED December 27, 1977

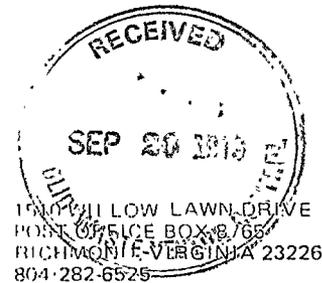

Head, Solid Waste & Vector Control Branch
Sanitary Engineering Section

cc: Mr. J. W. Moore, Jr.
DHS Form 2480 (Rev. 8/76)
Solid Waste & Vector Control Branch

Equitable Leasing Corporation

F&M

An affiliate of First & Merchants Corporation, Richmond, Virginia



1000 W. LOW LAWN DRIVE
POST OFFICE BOX 18765
RICHMOND, VIRGINIA 23226
804-282-6525

h1

January 30, 1979

Mr. O. W. Strickland
Solid Waste & Vector Control Branch
Post Office Box 2091
Raleigh, North Carolina 27602

RE: Tax Certificates

Dear Mr. Strickland:

Pursuant to our telephone conversation today, January 29, 1979, please find the following listed serial numbers of pertinent trucks:

11 Trailers: FWB-380560
FWB-380540
FWB-380503
FWB-380527
FWB-385404
FWB-380555
FWB-380533
FWB-385406
FWB-380530
FWB-352319
FWB-380507

6 Trailers: 22638
22633
22642
22629
22630
83159

S/N →

We trust that this information is satisfactory and if there are any questions, please do not hesitate to contact the undersigned.

Very truly yours,

EQUITABLE LEASING CORPORATION

John Perkins

*Buncombe
JWR*

September 17, 1979

Mr. Richard Phillips
Interchange Building
159 Woodfin Street
P. O. Box 370
Asheville, North Carolina 28802

Dear Mr. Phillips:

Please comment on plan with respect to erosion control.

Sincerely,

J. Gordon Layton, Environmental Engineer
Solid & Hazardous Waste Management Program
Sanitary Engineering Section

JGL:sms

Enclosure

*Buncombe
JGL*

September 13, 1979

Mr. Terry A. Bonham, P. E.
Project Manager
Henningson, Durham & Richardson
8404 Indian Hills Drive
Omaha, NB 68114

Dear Mr. Bonham:

This agency has completed the review of the
Buncombe County Transfer Station and has no objections
to the plans as submitted.

If you have questions in the future, please call.

Yours truly,

J. Gordon Layton, Environmental Engineer
Solid & Hazardous Waste Management Program
Sanitary Engineering Section

JGL:sms

cc: J. W. Moore, Jr.



HDR, Inc.

8404 Indian Hills Drive
Omaha, NE 68114
(402) 399-1000

August 21, 1979

Mr. O. W. Strickland
N. C. Department of Human Resources
Division of Health Services
P. O. Box 2091
Raleigh, North Carolina 27602

Subject: Buncombe County Transfer Station

Dear Mr. Strickland:

As the Consulting Engineers for Buncombe County, we are sending you a set of plans and specifications of the County Transfer Station for your review. The plans include a county maintenance facility on the same site.

The project is scheduled to go out for bids September 10th with a bid opening date of October 10th. We hope to start construction as soon as possible so we can get the foundation and concrete work completed before winter. Your help in maintaining this schedule will be greatly appreciated.

If you have any questions pertaining to the project, please do not hesitate to call me collect.

Very truly yours,

HENNINGSON, DURHAM & RICHARDSON

Terry A. Bonham, P.E.
Project Manager

cc: Charles Tessier

ea

Architecture
Engineering
Planning
Systems
Ecosciences

Alexandria, Va.
Atlanta
Charlotte
Chicago
Dallas
Denver
Helena
Minneapolis
New Orleans
Norfolk, Va.
Omaha
Pensacola
Phoenix
Santa Barbara
Seattle
Washington, D.C.





TELEPHONE 1-804-393-1061

ROBERT R. MARQUIS, INC.
CONTRACTOR • BUILDING AND PUBLIC UTILITIES

P.O. Box 1434

2229 COUNTY STREET • • PORTSMOUTH, VIRGINIA 23705
VA. REG. 4936 N. C. REG. 2627

*Buncombe:
Awock*

ROBERT R. MARQUIS
PRESIDENT
W. T. ARMISTEAD
VICE-PRESIDENT
N. M. GOODLOE, JR.
TREASURER

September 12, 1979

Department of Human Resources
Division of Health Services
P. O. Box 2091
Raleigh, N. C. 27602

Attention: Mr. O. W. Strickland

Reference: Friable Asbestos Removal
Ira B. Jones School, Asheville, N. C.



Gentlemen:

Enclosed is a copy of our letter dated September 12, 1979 notifying the EPA of our asbestos removal at the above referenced school.

If you require any further information, please call me at 804-393-1061 or at the job site.

Sincerely,

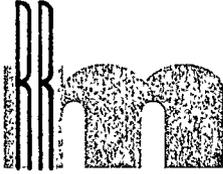
ROBERT R. MARQUIS, INC.

John H. Goodman
Project Manager

JHG/bpf

Encl.





TELEPHONE 1-804-393-1061

ROBERT R. MARQUIS, INC.
CONTRACTOR • BUILDING AND PUBLIC UTILITIES

2229 COUNTY STREET • • PORTSMOUTH, VIRGINIA
VA. REG. 4936 N. C. REG. 2627



ROBERT R. MARQUIS
PRESIDENT
W. T. ARMISTEAD
VICE-PRESIDENT
N. M. GOODLOE, JR.
TREASURER

September 12, 1979

USEPA Region IV, NESHAPS Coordinator
Air & Hazardous Material Division
345 Courtland Street, N.E.
Atlanta, Georgia 30308

Attention: Mr. Thomas Gibbs

Reference: Friable Asbestos Removal

Gentlemen:

Robert R. Marquis, Inc. will be removing friable asbestos from the Ira. B. Jones School, Asheville, N. C. beginning approximately 24 September 1979. The asbestos is approximately one (1") inch thick and has been sprayed on approximately 35,000 sq. ft. of ceiling area. Metal lath & channel provides the substructure and will also be removed. The area will be completely sealed off prior to removal.

Personnel will wear approved respirators, full body disposable coveralls with integral hood and boots, eye protection and gloves. A wetting agent (Aqua-Gro) will be used to saturate the asbestos material prior to removal. All waste will be sealed in 6 mil polyethelene bags and transported to an approved dump site. Air monitoring will be accomplished by officials of the N. C. Department of Health. All other provisions of EPA and OSHA regulations will be complied with.

Thank you for your cooperation.

Sincerely,

ROBERT R. MARQUIS, INC.

John H. Goodman
Project Manager

JHG/bpf



*Buncombe
pwr/c*

July 23, 1979

Mr. Richard L. Coleman, Jr.
Vice-President
Asheville Sanitation Service Company
Post Office Box 2718
Asheville, North Carolina 28802

Dear Mr. Coleman:

Your letter of July 18, 1979, in reference to a tax certificate has been received.

The law was designed to provide incentive for resource recovery and recycling. The collection and disposal of solid waste is not included in the exemption.

A copy of the rules is enclosed.

Sincerely,

O.W. Strickland, Acting Head
Solid & Hazardous Waste Management Program
Sanitary Engineering Section

OWS:nts
Enclosure

*Standards for Special Tax
Treatment of Recycling +
Resource Recovery Equipment
+ Facilities (rule)*

Asheville Sanitation Service Company
P.O. Box 2718, Asheville, N.C. 28802 Telephone: 253-5391

Waste Disposal

Container Sales

Container Rental

July 18, 1979

Department of Human Resources
Division of Health Services
P.O. Box 2091
Raleigh, N.C. 27602



TO WHOM IT MAY CONCERN:

Asheville Sanitation Service Company is a newly formed company which will provide waste disposal beginning August 1, 1979, for businesses using containerized waste disposal equipment within the City of Asheville.

In accordance with Sec. 105-275 of "North Carolina Property Tax- Exemptions", we would like to apply for a special class designation under authority of Article V, Sec. 2 (2) of the North Carolina Constitution.

It is our understanding that the Department of Natural Resources and Community Development must furnish the Tax Supervisor of the County of Buncombe with a certificate stating that the personal and real property of the company complies with its rules and regulations subject to property tax exemption.

Please contact me at your earliest convenience concerning any additional application for this certificate which may be deemed necessary by your department.

Best regards.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Richard L. Coleman, Jr.", written over a printed name and title.

Richard L. Coleman, Jr.
Vice-President

RLCjr/sm

South Carolina
Department of
Health and
Environmental
Control

Burcombe

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



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

July 16, 1979

Mr. D. J. Wilson
Square D Company
P. O. Box 3107
Asheville, NC 28802

RE: Disposal of alkyd melamine, slight enamel, slight epoxy, paint sludge at South Carolina SCA Services, Inc. in Pinewood, S.C. - Sumter County

Dear Mr. Wilson,

This office hereby grants approval for disposal of the above referenced waste at the referenced site. Approval is for disposal of approximately twenty-five 55 gallon drums per month.

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 Square D Company and the hauler of the waste to ensure that adequate transportation vehicles are used.

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

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

Sincerely,

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

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

South Carolina

Department of
Health and
Environmental
Control

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

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

July 16, 1979

Mr. D. J. Wilson
Square D Company
P. O. Box 3107
Asheville, NC 28802

RE: Disposal of waste treatment sludge at South Carolina SCA Services, Inc. in
Pinewood, S.C. - Sumter County

Dear Mr. Wilson,

This office hereby grants approval for disposal of the above referenced waste at the referenced site. Approval is for disposal of approximately fifty 55 gallon drums per month.

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 Square D Company and the hauler of the waste to ensure that adequate transportation vehicles are used.

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

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

Sincerely,

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

EMW/dl

Enclosure

cc: W. E. Stilwell

Capers Dixon

Jerry Perkins

1878 Century of Service 1978

Buncombe
JAV

July 10, 1979

Mr. Gary F. Dotson, President
Dotson Metal Finishing
Box 5814
Asheville, North Carolina 28803



SUBJECT: Permit No. 5384
Dotson Metal Finishing
Pretreatment Facilities
Buncombe County, North Carolina

Dear Mr. Dotson:

In accordance with your application received March 14, 1979, we are forwarding herewith Permit No. 5384, dated July 10, 1979, to Dotson Metal Finishing for the construction and operation of the subject non-discharge type waste treatment facilities.

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

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

One (1) set of approved plans and specifications is being forwarded to you.

Sincerely yours,

Original Signed By
A. F. McRORIE

A. F. McRorie, Director
Division of Environmental Management

Enclosures

cc: Buncombe County Health Department
Metropolitan Sewerage District of Buncombe County
Mr. Jerry Perkins
Mr. Roy Davis
Mr. A. C. Turnage, Jr.
Information Services
Asheville Regional Office Manager

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NORTH CAROLINA

ENVIRONMENTAL MANAGEMENT COMMISSION

DEPARTMENT OF NATURAL RESOURCES & COMMUNITY DEVELOPMENT

RALEIGH

P E R M I T

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

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

PERMISSION IS HEREBY GRANTED TO

Dotson Metal Finishing
Duncombe County

FOR THE

construction and operation of a .08 MGD metal finishing wastewater pretreatment facility to consist of a 1,200 gallon acid/alkali rinse sump, a 175 gallon cyanide sump, a 200 gallon chrome reduction tank with mixer, a 2,300 gallon equalization tank, two 2,100 gallon neutralization tanks in series with mixers, a 200 gallon mixed flocc tank, two 2,300 gallon clarifiers in series, a 50 GPM sludge pump, a bag-type gravity sludge dewatering device, pH and ORP process control instrumentation, and chemical storage and feeding facilities for acid, caustic and liquid bleach to serve the Dotson Metal Finishing plant and for the discharge of the properly pretreated metal finishing wastewater into the existing sewerage system of the Metropolitan Sewerage District of Duncombe County,

pursuant to the application received March 14, 1979, and in conformity with the project plans, specifications, and other supporting data, subsequently filed and approved by the Department of Natural Resources and Community Development and considered a part of this Permit.

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

1. This Permit shall become voidable unless the facilities are constructed in accordance with the approved plans, specifications and other supporting data.
2. This Permit is effective only with respect to the nature and volume of wastes described in the application and other supporting data.

3. The pretreatment facilities shall be effectively maintained and operated at all times in such a manner as to produce an effluent which will not adversely affect the Metropolitan Sewerage District Main Wastewater Treatment Plant.
4. This Permit shall become voidable unless the agreement between Dotson Metal Finishing and the Metropolitan Sewerage District of Buncombe County for the collection and final treatment of pretreated metal finishing wastewater is in full force and effect.
5. The sewage and wastewater collected by this system shall be adequately treated in the Metropolitan Sewerage District Main Wastewater Treatment Plant prior to being discharged into the receiving stream.
6. This Permit is not transferable.
7. In event the facilities fail to perform satisfactorily, the Permittee shall take such immediate corrective action as may be required by this Department.
8. The method for final disposal of screenings, scum and sludges from the pretreatment facility shall not result in any contamination of the surface or ground waters of the State.
9. Reports on the operations of the pretreatment facility shall be submitted to the Metropolitan Sewerage District of Buncombe County at regular intervals and in such form and detail as may be required by the Governing Board of the Metropolitan Sewerage District of Buncombe County.
10. In event the facilities fail to perform satisfactorily, Dotson Metal Finishing shall take such immediate corrective action as may be required by the Metropolitan Sewerage District of Buncombe County or the Division of Environmental Management.
11. Satisfactory controls shall be provided to contain the accidental discharge or spillage of hazardous or toxic substances either stored or being used in the pretreatment facilities on project site.
12. Solids, sludges, or other pollutants removed or resulting from the wastewater treatment process shall be contained and disposed of in such a manner as to prevent any contamination of the surface or ground waters of the State.

13. The pretreated industrial wastewater from the pretreatment facility shall be adequately treated in the Metropolitan Sewerage District Main wastewater treatment plant prior to being discharged into the receiving stream.
14. Discharge from the Potson Metal Finishing pretreatment system must comply with the present Metropolitan Sewerage District of Buncombe County sewer use ordinance and any subsequent ordinance containing more stringent limitations.
15. This is a Class II Wastewater Treatment Plant and the person in responsible charge must hold a valid Grade II Certificate.
16. The ultimate method and site for sludge disposal shall be in accordance with the requirements of the North Carolina Division of Health Services and the North Carolina Division of Environmental Management.

Permit issued this the 10th day of July, 1979.

NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION

Original Signed By
A. F. McRORIE /

A. F. McRorie, Director
Division of Environmental Management
By Authority of the Secretary of the Department
of Natural Resources & Community Development

Buncombe
AWVC

June 12, 1979

Mr. H.M. Dotson
Dotson Metals
Asheville, NC 28803

Dear Mr. Dotson,

This letter will confirm our telephone conversation of this date in reference to the disposal of sludge from your pretreatment facility.

The sludge will probably have to be disposed of at an approved hazardous waste disposal facility. A final decision will be made as soon as the facility is in operation and you are able to provide us with the sludge composition as well as the amount generated over a given period of time. If your consultant is able to provide me with the expected composition and amount, then a decision can be made now.

I am enclosing a list of hazardous waste disposal facilities which you may want to contact.

Sincerely,

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

OWS:jk

Enclosure

cc: Jim Moore, Jr.
Steve Rogers, Permit Section, Department of Natural Resources and
Community Development

May 29, 1979

Mr. Roy Davis
Region Supervisor
Interchange Building
159 Woodfin Street
P. O. Box 370
Asheville, NC 28802

Dear Mr. Davis:

Enclosed is a copy of the plans for a landfill site in Buncombe County. Your review and comments are requested as part of our review process and will be incorporated in the approval or refusal.

JGL
If you have any questions or I can be of assistance, please call me.

Yours truly,

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

JGL:bm
Enclosure

Buncombe

JWV/c

May 23, 1979

Mr. Richard Phillips
Interchange Building
159 Woodfin Street
Post Office Box 370
Asheville, NC 28802

Dear Mr. Phillips:

Enclosed is a copy of proposed landfill plans in south Buncombe County. Your comments will be appreciated and included in the approval of the plans.

If there are problems, please call me or Mr. Harlow Brown in order to expedite matters.

Thank you for your cooperation.

Yours truly,

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

JGL:nts

Enclosures

April 19, 1979

Mr. H.M. Dotson
Dotson Metal Finishing, Inc.
Highway 74 East
P.O. Box 5814
Asheville, NC 28803

Dear Mr. Dotson,

Your letter of April 17, 1979 addressed to Mr. Jerry Perkins has been forwarded to me for reply.

For us to make a decision as to the suitability of your sludge for placing in the Buncombe County Landfill, we will need a chemical analysis including PH and moisture contents, as well as the volume to be generated over a given period of time.

J W Strickland

Sincerely,

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

OWS:jk

cc: Mr. J.W. Moore

DOTSON METAL FINISHING, INC.

HIGHWAY 74 EAST P.O. Box 5814
ASHEVILLE, N.C. 28803
(704) 298-7961



Mr. Jerry Perkins
N.C. Department of Human Resources
Solid Waste and Vector Control Branch
P.O. Box 2091
Raleigh, N.C. 27611

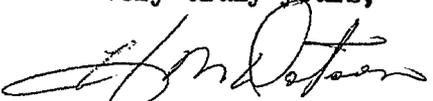
April 17, 1979

Dear Mr. Perkins:

We are in an existing metal plating facility and are in the process of setting up a waste treatment facility to be in operation by August 1, 1979.

Regarding sludge disposal, we request to be issued a permit to use the Buncombe County landfill.

Very truly yours,


H.M. Dotson

HMD/df



DIVISION OF ENVIRONMENTAL MANAGEMENT

March 27, 1979

Mr. Charles E. Bradley
Route 1, Box 873
Swannanoa, North Carolina 28778

Dear Mr. Bradley:

Your recent letter to Governor James B. Hunt, Jr., concerning the disposal of trash along the Swannanoa River and other areas in Buncombe County has been referred to me by Secretary Howard H. Lee for further response. I am well aware of the situations described by you having lived in the Asheville area for a number of years. I fully agree that such a situation is appalling and should not be tolerated by the people in the community.

The solution to the problem and the prevention of the problem's intensification is, however, not a simple matter. First, the Local Health Department and the County Commissioners working with local property owners need to find a method for adequately disposing of the waste materials which have already been deposited and if such a method can be found, the clean-up can become a productive venture for the community. However, funding as well as direction must come at the local level. With respect to preventing intensification of the disposal of trash, we have noticed that the public responds more favorably when given an acceptable alternative rather than to intense policing.

Your idea concerning posting of officers might have merit and might result in catching and convicting a few people. However, once the officers were withdrawn from the area, the current practices would resume. A much more productive approach would be to provide the public in Buncombe County with conveniently located containerized trash disposal areas. We believe that this approach would result in less refuse being improperly disposed of, while at the same time would provide a service to the public. Of course, local citizen's support is necessary if County Officials are to initiate such programs.

I am forwarding a copy of your letter to Mr. Jerry Perkins of the Solid Waste and Vector Control Branch, Sanitary Engineering Section, Division of Health Services, Department of Human Resources, for such consideration or response as Mr. Perkins feels is appropriate. I am also forwarding copies of your letter to the Buncombe County Health Department and to our Regional Office in Asheville. I am asking that our Regional Supervisor have this matter investigated and that the results of his investigation be passed along to County Officials for appropriate action.

Mr. Charles E. Bradley
Page Two
March 27, 1979

If I can be of further assistance to you in this matter, do not hesitate to contact me.

Sincerely yours,
Original Signed by
A. F. McRORIE

A. F. McRorie
Director

cc: Governor James B. Hunt
Secretary Howard N. Lee
Mr. Jerry Perkins
Duncombe County Health Department
Mr. Roy Davis
Mr. L. P. Benton, Jr.



STATE OF NORTH CAROLINA
OFFICE OF THE GOVERNOR
RALEIGH 27611

JAMES B. HUNT, JR.
GOVERNOR

RECEIVED
OFFICE OF THE SECRETARY
MAR 7 1979
N. C. DEPT. OF NATURAL
RESOURCES & COMMUNITY
DEVELOPMENT

March 7, 1979

Dear Mr. Bradley:

Thank you for your letter of March 2, 1979.

This is a matter which falls under the jurisdiction of the Department of Natural Resources and Community Development. By sending Secretary Howard Lee a copy of this letter, I am expressing my interest in your situation and asking that he respond directly and promptly to you.

I appreciate your calling on my Office, and I hope you will continue to do so whenever problems or needs arise.

My warmest personal regards.

Sincerely,

Mr. Charles E. Bradley
Route 1, Box 873
Swannanoa, North Carolina 28778

cc: Secretary Howard Lee
Department of Natural Resources
& Community Development

RECEIVED

MAR 13 1979

ENVIRONMENTAL OPERATIONS

NR & C

RT. 1, BOX 873
SWANNANOVA, N.C.
28778

Dear Sir:

12-21-78

I guess you know about this quite a lot, would appreciate if you would take time to read this and possibly to write me things about it.

In maintaining the signal system of Southern Railway between Black Mt., N.C. and Old Fort, N.C. I use old highway 70 and old highway 70 (THE DIRT & GRAVEL ROAD AND ALSO THE CEMENT RD)

There are beautiful blue ridge mountain woods with a morning sun shining down the hollow, and a beautiful view.

This is being used by ignorant people using various plans to show this track is not a minimum line

man or pop bottle they are
plenty of them. People are
using the same places
and the track sides are
getting larger and larger.
Rolling down the water
heater at night, they
had the trees on the
way down the track and
the rolling down with
the valleys, hollows and
beside the road.

Been working that area
for approx. 6 or 7 years
and keep seeing nothing
done.

One for sure way of
catching these people, pro-
viding funds is available
would be to place an offi-
cer in the woods with
a camera on the week-end.

Thank You
Charles E. Bradley
(OVER)

If you know of anyone else
that should read this, please
pass on or send back to
me w/ address and I will
mail to them.

RECEIVED

MAR 24 1979

GOVERNOR'S OFFICE

JAMES B. HUNT, JR.
GOVERNOR



STATE OF NORTH CAROLINA
DEPARTMENT OF REVENUE
P. O. BOX 25000

MARK G. LYNCH
SECRETARY

RALEIGH, N. C. 27640

JAMES P. SENTER
DEPUTY SECRETARY

November 9, 1978



Mr. J. A. Craven
Asheville Waste Paper Company
P. O. Box 4218
Asheville, North Carolina 28802

Dear Mr. Craven:

This will acknowledge receipt of your letter of November 3, 1978, regarding the property tax exclusion for property used in recycling or resource recovery.

G. S. 105-275(8)b excludes from property taxes real and personal property used exclusively for recycling or resource recovery of or from solid waste. In order to claim the exclusion, you must file an application for exemption with the tax supervisor of the county in which the property is situated. The application is required to be filed during the regular listing period. The application for exemption must be supported by a certificate from the Department of Human Resources designating the property covered by the exclusion along with a statement that it meets the requirements of the statute.

Since your letter was addressed to the Department of Human Resources, I am forwarding a copy of our letter to that Department and to the tax supervisor of Buncombe County for their information. You should contact the Department of Human Resources and request the certification as soon as possible. If the certificate is issued prior to January 31, 1979, it should be attached to your Buncombe County listing along with an application for exemption. If it is not issued by that date, you should still file the application for exemption on a timely basis. The certificate can then be submitted when it is issued.

Please let us know if you desire any additional information.

Yours very truly,

D. R. Holbrook
D. R. Holbrook, Director
Ad Valorem Tax Division

DRH:ml

cc: Mr. Edward McElrath, Tax Supervisor
Mr. Jerry Perkins, Dept. of Human Resources

Buncombe
Copy Standards for Recycling
Sent 11-14-78
DW Strickland

ASHEVILLE WASTE PAPER COMPANY, INC.

P.O. BOX 4218

166 W. HAYWOOD STREET
ASHEVILLE, NORTH CAROLINA 28802
704/252-6963

DALTON WASTE PAPER COMPANY, INC.
ROUTE 5, WARING ROAD
DALTON, GA. 30720
404/259-8591
BRANCH IN ROME, GA.

TRI-CITY WASTE PAPER CO., INC.
501 RIVERPORT ROAD
KINGSPORT, TENN. 37660
615/248-7801

November 3, 1978

The Dept. of Human Resources
Raleigh, N. C. 27611

Dear Sirs:

We have just become aware of Section 105-275 of General Statutes of N. C. which exempt real and personal property used for purpose of recycling from property taxes.

Our business is entirely the collection and preparation of waste paper for recycling.

It will be appreciated if you will advise us as to what we should do to obtain this exemption.

Sincerely,

ASHEVILLE WASTE PAPER CO., INC.


J. A. Craven



WE LEASE PAPER BALERS



*Burcombe
JWTC*

September 27, 1978

cut

Mr. Norman Lewis
CTS of Asheville, North Carolina
Skyland, North Carolina 28776

Dear Mr. Lewis:

In regard to your letter of September 18, 1978, with reference to the disposal of plating sludge, this office has no objections to the placing of sludge (comparable to the sludge generated at Square D facilities in Asheville, North Carolina, referred to in my letter of August 6, 1975, to Mr. Hubert Holcombe, Square D Company, Asheville, North Carolina) in a sanitary landfill.

This office requests that you send an analysis of your sludge as soon as your plating operation is underway.

Sincerely,

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

OWS/wss

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



TWX 510-935-0059
AREA CODE 704-684-6451

CTS OF ASHEVILLE, INC. / manufacturer of electronic components SKYLAND, NORTH CAROLINA 28776

September 18, 1978



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

Dear Mr. Strickland:

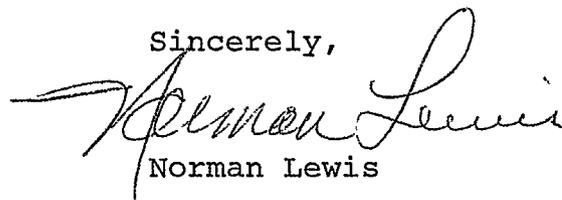
This is to confirm our phone conversation of September 18, 1978, when I requested a permit to dispose of waste treatment sludge consisting of heavy metals, comparable with that of Square D Company of Asheville.

We expect to have the same sludge analysis as Square D, also the same amount of sludge. We cannot give the exact analysis or the exact amount at this time, because we do not yet have our equipment in process.

The State has requested that we furnish them with a means of ultimate sludge disposal.

I can be reached at phone number 704-684-6451, if you require any further information. Your prompt cooperation in this matter will be greatly appreciated.

Sincerely,


Norman Lewis

NLL/rb

Aug 6 - 1975

Buncombe
J+R

August 6, 1975

Mr. Hubert Holcombe
Plant Engineering Technician
Square D Company
P. O. Box 3107
Asheville, North Carolina 28802

Dear Mr. Holcombe:

Your letter of August 1, 1975, with the enclosure of the sludge analysis report has been received.

The sludge analysis has been discussed with Dr. Jack Drye, Head, Environmental Sciences Branch.

This office has no objection to the placing of this material in a sanitary landfill providing the material contains the chemical make-up as described in your report and is generated in the volume described in your letter. We do request that the water content be lowered so we will be handling a dry material. This can be done by lowering the moisture content by mixing with a dry product such as sawdust.

If we can be of assistance, please let us know.

Sincerely,

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

OWS/ct

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

SQUARE D COMPANY
ELECTRICAL EQUIPMENT

254-7471



P.O. BOX 3107

ASHEVILLE, NORTH CAROLINA 28802

August 1, 1975



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

Dear Sir:

Enclosed please find a copy of the sludge analysis report as you requested per our phone conversation Friday, August 1, 1975.

At present, we are generating 110 gallons of this sludge a week which has about a 30 percent to 40 percent water content. This will be reduced to approximately 15 percent when we are able to run the waste treatment plant more efficiently.

Please reply on the method of disposal as soon as possible.

Sincerely,

Hubert Holcombe

Hubert Holcombe
Plant Engineering Technician

HH/ww

Enclosure

ANALYSIS REPORT

SOURCE OF SAMPLE

Environmental Engineers

DATE SAMPLE TAKEN

RECEIVED
Rec'd 3-17-75
APR 2 1975

JPS SAMPLE #

21861

CUSTOMER & SAMPLE INFORMATION & IDENTIFICATION

REPORT DATE

Plating Waste Sludge

4-2-75

PARAMETER	*UNITS	CONCENTRATE	ALUMINUM, TOTAL	μg/l	
COLOR			ANTIMONY, TOTAL	μg/l	
pH		8.8	ARSENIC, TOTAL	μg/l	
SPECIFIC CONDUCTANCE	μmhos		BARIUM, TOTAL	μg/l	
TURBIDITY	JTU		BERYLLIUM, TOTAL	μg/l	
TOTAL SOLIDS	mg/l	176680	BORON, TOTAL	μg/l	
TOTAL DISSOLVED SOLIDS	mg/l		CADMIUM, TOTAL	μg/l	LDL (<30)
VOLATILE DISSOLVED SOLIDS	mg/l		CALCIUM, TOTAL	mg/l	
TOTAL SUSPENDED SOLIDS	mg/l		CHROMIUM, TOTAL	μg/l	100
VOLATILE SUSPENDED SOLIDS	mg/l		COBALT, TOTAL	μg/l	
TOTAL VOLATILE SOLIDS	mg/l	30920	COPPER, TOTAL	μg/l	240
ACIDITY (AS CaCO ₃)	mg/l		IRON, TOTAL	μg/l	
ALKALINITY (AS CaCO ₃)	mg/l		LEAD, TOTAL	μg/l	
TOTAL HARDNESS (AS CaCO ₃)	mg/l		MAGNESIUM, TOTAL	mg/l	
			MANGANESE, TOTAL	μg/l	
			MERCURY, TOTAL	μg/l	
AMMONIA NITROGEN	mg/l		MOLYBDENUM, TOTAL	μg/l	
KJELDAHL NITROGEN	mg/l		NICKEL, TOTAL	μg/l	100
NITRATE NITROGEN	mg/l		POTASSIUM, TOTAL	mg/l	
NITRITE NITROGEN	mg/l		SELENIUM, TOTAL	μg/l	
ORGANIC NITROGEN	mg/l		SILVER, TOTAL	μg/l	
PHOSPHORUS - ORTHO (AS P)	mg/l		SODIUM, TOTAL	mg/l	
PHOSPHORUS / TOTAL (AS P)	mg/l		THALLIUM, TOTAL	μg/l	
			TIN, TOTAL	μg/l	
BROMIDE	mg/l		TITANIUM, TOTAL	μg/l	
CHLORIDE	mg/l		ZINC, TOTAL	μg/l	170
CYANIDE	mg/l				
FLUORIDE	mg/l		FECAL STREPTOCOCCI BACTERIA	/100ml	
SULFATE	mg/l		FECAL COLIFORM BACTERIA	/100ml	
SULFIDE	mg/l		TOTAL COLIFORM BACTERIA	/100ml	
SULFITE	mg/l				
			OIL AND GREASE	mg/l	
TOTAL ORGANIC CARBON (T.O.C.)	mg/l		PHENOLS	μg/l	
B. O. D. 5-DAY	mg/l		SURFACTANTS	mg/l	
CHEMICAL OXYGEN DEMAND (C.O.D.)	mg/l				
Fixed Solids		145760	Acid Soluble Fixed Solids		38460
Acid Insoluble Fixed Solids		107300			

NS = INSUFFICIENT SAMPLE LDL = LESS THAN DETECTION LIMIT. (EQUIVALENT TO ZERO)

REMARKS & COMMENTS

The original sample was filtered first through glass fiber paper, then through a 0.45 u Millipore filter and the filtrate tested for "soluble metals." The fixed solids left after running a total volatile solids on 100 ml. of the original sample were acidified in 100 ml. of concentrated HCl. The resulting solution was filtered through glass fiber paper & metals again run on the filtrate and reported as acid soluble precipitated metals. The

REPORTING INSTRUCTIONS

Solids which filtered out were reported as acid insoluble fixed solids.

REPORTED BY

Samuel H. [Signature]

Buncombe
SW & VC

September 11, 1978

Mr. Marvin T. Troka
Plant Manager
Strawberry Hill
Post Office Box 5254
Asheville, NC 28803

Dear Mr. Troka:

Your letter and enclosures of September 8, 1978, have been received.

I have discussed the waste material with our chemist, and we feel that this material is not suitable for placing in a sanitary landfill.

I am enclosing a list of chemical landfills and incineration service companies that you may want to contact for assistance.

We expect to have a chemical landfill in North Carolina within a year or so.

Sorry that we could not be of more assistance.

Sincerely,

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

OWS/wss

enclosure

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

ASHEVILLE, N.C.
GRAVURE PRINTING
SPECIALTY CONVERTING
PACKAGING DESIGN
ST. LOUIS, MO.
FLEXOGRAPHIC PRINTING
EXTRUSION COATING
FILM EXTRUSION
PLASTIC BAGS & FILM
SPECIALTY PRODUCTS
PACKAGING DESIGN

STRAWBERRY HILL

Division of

CHASE BAG COMPANY

P.O. BOX 5254
ASHEVILLE, N.C. 28803

TELEPHONE
(704) 274-1611

September 8, 1978

North Carolina Human Resources
Solid Waste Investigator
Vector Control Branch
P. O. Box 291
Raleigh, North Carolina 27602



Dear Sirs:

I am submitting four representative samples of waste material we presently have on location at our plant in Buncombe County. These samples represent material that is in various fill levels in approximately 90 drums. These are 55 gallon drums. We would estimate the total poundage in the neighborhood of 18,000 pounds.

The general status of the material is that it is either solid in the drums, or it is of such heavy viscus nature that it cannot be pumped out of them. We are looking for permission to dump the material in the land fill here in Buncombe County. Your assistance in evaluating this material and helping us with this problem would be greatly appreciated.

The origin of the material is the waste and residue from the printing inks that we use for printing on packaging. We consider it to be flammable, but otherwise not harmful.

If you have any further questions regarding this subject material, please do not hesitate to call us.

Regards,

A handwritten signature in cursive script, which appears to read 'Marvin T. Troka', is written over the typed name.

Marvin T. Troka
Plant Manager
Strawberry Hill
Asheville, North Carolina
(704) 274-1611

MTT/dr

Burcombe
AK

April 27, 1978

Mr. Jeffrey A. Gould
Certified Public Accountant
Jacobs, Gould & Associates, P. A.
107 Merrimon Avenue
Asheville, North Carolina 28801

Dear Mr. Gould:

The Division of Health Services did approve Resource Recovery and Recycling facilities and equipment in accordance with the provisions of the Recycling and Resource Recovery Act which became effective January 1, 1976, in December of 1977 for Slosman Corporation, Post Office Box 3019, Asheville, North Carolina 28802. Equipment and facilities approved are listed on the tax certification.

The listed equipment and facilities could have been certified for tax certification in 1976 had this office received a request from Slosman Corporation.

Sincerely,

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

OWS/wss

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

JACOBS, GOULD & ASSOCIATES, P.A.
CERTIFIED PUBLIC ACCOUNTANTS

107 MERRIMON AVENUE • ASHEVILLE, NORTH CAROLINA 28801 • TELEPHONE 704/258-0363

MARTIN J. JACOBS, C.P.A.
JEFFREY A. GOULD, C.P.A.

JOHN R. BARRETT, C.P.A.
JOSEPH D. MAYO, C.P.A.

April 26, 1978



Mr. O. W. Strickland
Division of Health Services
P. O. Box 2091
Raleigh, NC 27602

Dear Mr. Strickland,

In December 1977 the Slosman Corp., Post Office Box 3019, Asheville, North Carolina 28802, filed a Tax Certification Request on Resource Recovering or Recycling Facilities and Equipment in accordance with the provisions of the General Statutes of North Carolina (G.S. 130-166.18, G.S. 105-122(b), G.S. 105-130.10, G.S. 105-130.5(b)(6), G.S. 105-147(13), G.S. 105-275(8), under the Recycling and Resource Recovery Act. The Tax Certification was approved by the Division of Health Services on December 30, 1977.

The facilities and equipment that were granted special tax treatment by the Certification were in operation and used exclusively for recycling and resource recovery purposes during 1976. However, because the Taxpayer was unaware of the Recycling and Resource Recovery Act, the request was delayed until 1977.

In order to carry back various adjustments to 1976, we have been informed that we will need a statement to the effect that such facilities and equipment would have been certified exempt in 1976 if requested. Because of your familiarity with the Slosman Corp. we are, therefore, requesting your assistance in this regard.

Thank you for your kind cooperation. If you require any additional information, please contact us.

Sincerely,

A handwritten signature in cursive script that reads "Jeffrey A. Gould".

Jeffrey A. Gould
Certified Public Accountant

JAG/msm

April 3, 1978

Mr. Jeff Fischbach
NC Dept. of Natural Resources & Community Development
159 Woodfin Street
Asheville, North Carolina 28802

Dear Jeff:

This letter is to follow-up our telephone conversation last week concerning the evaluation of potential landfill sites in Buncombe County. Listed below are the positive and negative aspects of each site:

1. Grovestone Company (30-40 acres) *JK*

Positive - Large volume of fill possible.

Negative - Bridge may be restrictive.

Cover material may have to be transported one-half mile to site.

Springs would have to be re-routed.

2. Patton Cove Road (500 acres)

Positive - Good access and location.

Negative - Two streams limit usable area.

Steep slopes limit usable area.

3. Rhodes #1 (80-90 acres)

Positive - Adjacent to existing landfill.

Little surface water on site.

Negative - None.

4. Bolinger (250 acres)

Positive - Good location.

Negative - Accessibility.

No road frontage.

5. Rhodes #2 (250 acres)

Positive - Road frontage.

Negative - Steep slopes would limit utilization of all but small portion of site.

Mr. Fischbach
Page 2
April 3, 1978

6. Rock Hill (50 acres)

Positive - Moderate slopes ideal.

Negative - Location in relation to residential area.

Strictly from an above-ground investigation, the sites that appear to be less desirable would be sites No. 2 - Patton Cove Road and No. 5 - Rhodes #2.

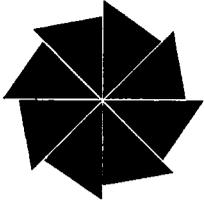
I hope that this is of some help to you. If I can be of assistance in any future evaluation on these or any other sites, please let me know.

Sincerely,

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

JGL/was

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



North Carolina Department of Natural Resources & Community Development

James B. Hunt, Jr., Governor

Howard N. Lee, Secretary

March 23, 1978

Mr. Gordon Layton
Environmental Engineer
Solid Waste and Vector Control Branch
Division of Health Services
P. O. Box 2091
Raleigh, North Carolina 27611



Dear Gordon:

We appreciated your time reviewing the potential landfill sites in Buncombe County. I am enclosing an aerial photograph of the Grove Stone site and a xerox copy of the topographic map.

If I can be of further assistance, please give me a call. I am looking forward to talking to you on Tuesday.

Sincerely,

Jeff Fischbach
Community Planner

JF/ph
Enclosures

February 21, 1978

Mr. Jeffrey S. Fischbach
Community Planner
NC Dept. of Natural Resources and
Community Development
Western Field Office
159 Woodfin Street
Asheville, North Carolina 28802

RE: Buncombe County Potential Landfill Sites

Dear Mr. Fischbach:

JGL

Mr. O. W. Strickland and I made a preliminary review of five (5) tracts of land for potential landfill sites. These are our findings at this stage:

1. The Booth-Barfield Realty site does not qualify for a potential landfill site because of its close proximity to the airport.
2. The other sites, from the aerial photographs, do not appear to have any major obstacles that would make them unsuitable at this point.

However, more specific recommendations to the committee will necessitate an on-site inspection at each site by Mr. J. W. Moore, Jr. and myself.

I would hope that this will not cause any delays or inconvenience to you.

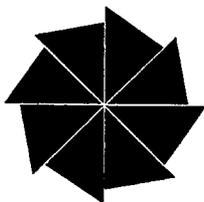
If I can be of further assistance, please contact me.

Sincerely,

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

JGL/wss

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



North Carolina Department of Natural Resources & Community Development

James B. Hunt, Jr., Governor

Howard N. Lee, Secretary

February 13, 1978

Mr. O. W. Strickland
Solid Waste and Vector Control
Department of Human Resources
306 North Wilmington Street
Raleigh, North Carolina 27611



Dear Mr. Strickland:

Jim Moore and myself have been studying potential landfill sites in Buncombe County. Jim has been providing the Buncombe County Solid Waste Management Committee with excellent advice and we truly appreciate his assistance. Jim has sent you the check off sheets and maps for five sites.

I recall our conversation that you thought Buncombe County's problems would best be met by having three county landfills. Therefore, I thought it might be of interest to you to see where these sites are on a county-wide map. Four large sites have been identified with two sites in the north, one in the south, and one in the east.

I think the Study Committee is progressing well and I will keep you in touch with our progress. The next study committee meeting is scheduled for February 27. If your engineers could complete their first analysis of these sites before February 27, then the study committee could discuss in more certain terms the alternatives available to the county.

If I can be of assistance in any way, please let me know. I look forward to hearing from you.

Sincerely,

Jeffrey S. Fischbach
Community Planner

JSF/ph

November 28, 1977

cut

Mr. Al E. Parramore, Jr.
✓ Buncombe County Health Department
Post Office Box 7607
Asheville, North Carolina 28807

Dear Mr. Parramore: *Jrk*

With reference to your request for information concerning the disposal of dialysis waste, we have recommended the following procedure.

Mutilate all tubes, needles etc, and place in a 0.5% solution of Sodium Hypochlorite Bleach (Clorox) for not less than twenty-four hours. The waste can then be placed in a sanitary landfill.

If incineration is available, this would be our first recommendation.

Please let us know if we can provide additional information.

Sincerely,

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

OWS/wss

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



Burcombe
JR
RECEIVED
SEP 21 1977
SOLID WASTE AND VECTOR CONTROL
JACOB KOOMEN, M.D., M.P.H.
DIRECTOR

STATE OF NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES

JAMES B. HUNT, JR.
GOVERNOR

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

Division of Health Services

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

September 16, 1977

W. H. Mull, P.E.
Engineer-Manager
Post Office Box 7157
Asheville, North Carolina 28807

Dear Mr. Mull:

In reference to correspondence needed for Federal Grant Offers, Numbers C370391-02 and C370391-03, we herein address Special Conditions #2 and #7.

(1) Special Condition #2, page 3 of 4:

As you do not dispose of sludge and do not intend to do so within five to fifteen years, this agency has no objection to your storing the sludge in your lagoon. At such time as disposal of sludge should become necessary, we will be available to approve proper disposal procedure.

(2) Special Condition #7, page 4 of 4:

The amendment to your ordinance should be similar to the following: "Any discharge into the MSD system which involves removal of sludges prior to discharge, shall be allowed only when written approval from the Solid Waste and Vector Control Branch, Division of Health Services, Department of Human Resources, for disposal of the sludge is presented to MSD."

Sincerely,

J.W. Moore, Jr.
District Sanitarian

pc

cc: U.W. Strickland

Burson
AWOC

rw

July 23, 1979

Mr. Harlow L. Brown, P.E.
Butler Associates, P.A.
12 Broad Street
Asheville, NC 28801

Dear Mr. Brown:

In view of the letter dated July 6, 1979 from the Federal Aviation Administration, the plans submitted by your firm are returned. This site is not approved for a sanitary landfill because of the proximity to the airport.

You are urged, if looking for another site to obtain site approval before starting the design for operational plans.

Please contact this office if you have questions.

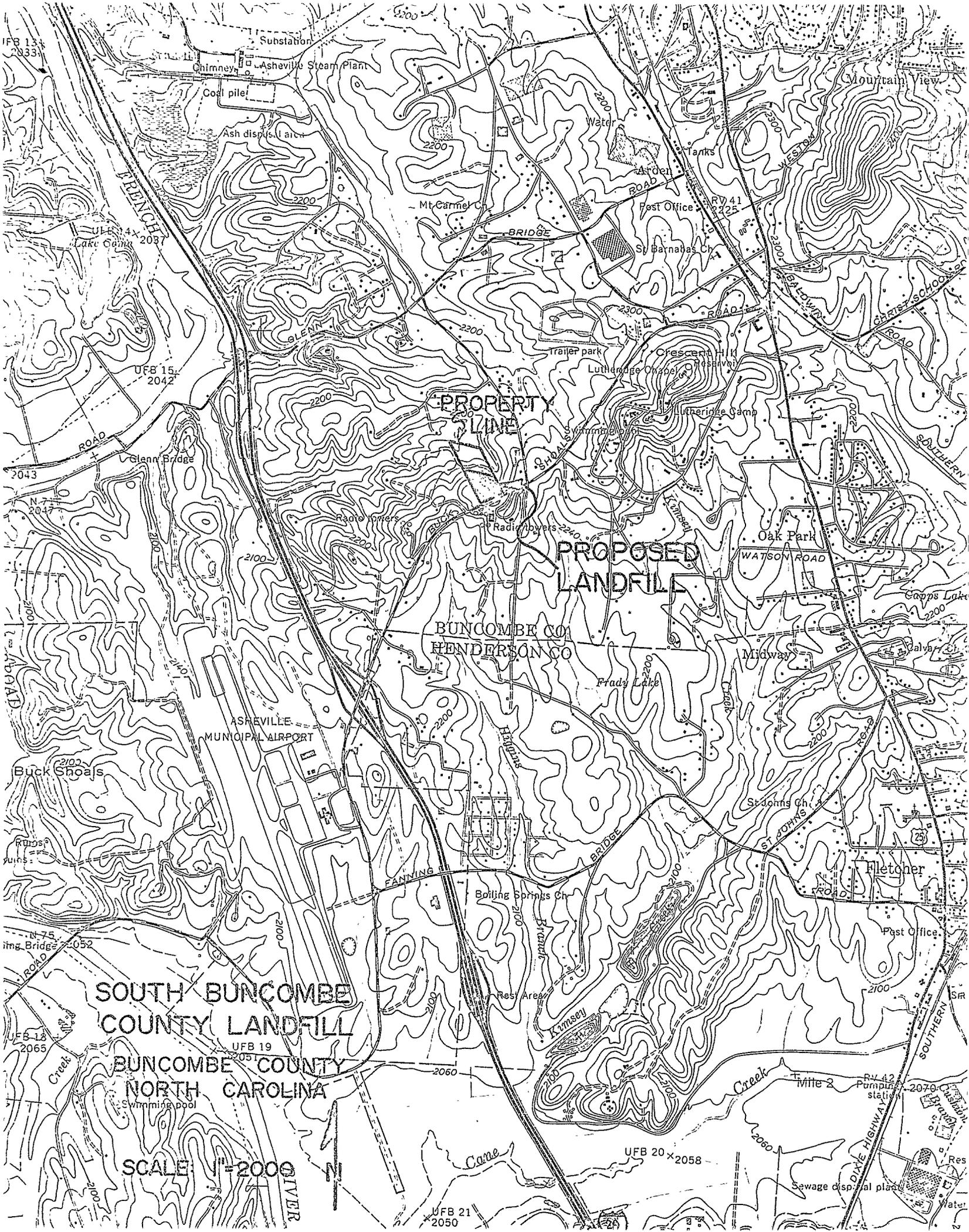
Yours truly,

J. Gordon Layton, Environmental Engineer
Solid & Hazardous Waste Management
Program
Sanitary Engineering Section

JGL:jk

Enclosure

cc: J.W. Moore, Jr.



UFB 13
2033

Sunstation
Chimney
Asheville Steam Plant
Coal pile
Ash disposal area

Mountain View

FRENCH BROAD RIVER

Mt. Carmel Ch.

Post Office

UFB 14
2037

BRIDGE

St. Barnabas Ch.

UFB 15
2042

PROPERTY LINE

Crescent H.K.

Glenn Bridge

Trailer park

Lutheridge Chapel

Lutheridge Camp

ROAD

Radio towers

Radio towers

PROPOSED LANDFILL

Oak Park

N 74
2047

BUNCOMBE CO
HENDERSON CO

WATSON ROAD

ROAD

ASHEVILLE
MUNICIPAL AIRPORT

Frady Lake

Midway

ROAD

Buck Shoals

Ruins

UFB 18
2065

SOUTH BUNCOMBE
COUNTY LANDFILL

BUNCOMBE COUNTY
NORTH CAROLINA

UFB 19
2051

UFB 17
2052

Boiling Springs Ch.

Fletcher

ROAD

UFB 20
2058

UFB 21
2050

SCALE 1"=2000'

N

Creek

UFB 21
2050

Mile 2

Pumping station

Sewage disposal plant

Swimming pool

Cane

UFB 20
2058

RV 42

station

Creek

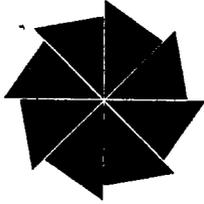
RV 42

station

Swimming pool

RV 42

station



North Carolina Department of Natural Resources & Community Development

James B. Hunt, Jr., Governor

Howard N. Lee, Secretary

DIVISION OF ENVIRONMENTAL MANAGEMENT
ENVIRONMENTAL OPERATIONS SECTION

June 8, 1979



Mr. J. Gordon Layton, Environmental Engineer
North Carolina Department of Human Resources
Solid Waste and Vector Control Branch
P. O. Box 2091
Raleigh, North Carolina 27602

Subject: South Buncombe County
Landfill Proposal

Dear Mr. Layton:

Should it be determined that a sanitary landfill at this South Buncombe County site is desirable in lieu of/in addition to a proposed waste transfer station, the following comments on this project are submitted:

1. Disposal of toxic wastes in a sanitary landfill may not be appropriate. Identification of the toxic wastes, chemical interactions with other wastes, and short/long term hazards would most probably not be delineated prior to disposal.
2. An adequate undisturbed buffer zone below the landfill should be maintained to protect groundwater quality.
3. If memory serves, past landfill operations at this site were plagued with fugitive dust emissions, odor, and vector infestation.

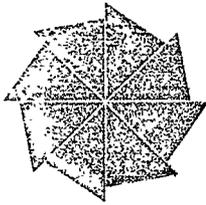
Should we be able to assist further on this matter, please advise.

Very truly yours,

N. O. Gerald, Coordinator
Permits and Engineering Group

NOG:ar

cc:Roy M. Davis



North Carolina Department of Natural Resources & Community Development

James B. Hunt, Jr., Governor

Howard N. Lee, Secretary

July 3, 1979

Mr. Harlow Brown, P. E.
Butler Associates, P.A.
12 Broad Street
Asheville, North Carolina 28801



SUBJECT: Erosion Control Plan
South Buncombe Landfill
Buncombe County

Dear Mr. Brown:

I am in receipt of the erosion control plan submitted for the subject project. This plan is sufficient to satisfy the requirements of Title 15, North Carolina Administrative Code 4B.0005(a) and 4B.0017 (a), (b), and (c).

It should be understood by all parties concerned that if problems develop during construction, measures other than those specified in the plan will be required. Also, if any changes are to be made in the approved plan, this office must be informed and the changes approved. Please inform this office when construction begins on this project.

Thank you for your cooperation. I look forward to working with you on this and future projects. If I may be of any further assistance to you, please do not hesitate to contact me at the Asheville Regional Office.

Sincerely yours,

Richard A. Phillips

Richard A. Phillips, P.E.
Regional Engineer

RAP:a

cc: ~~Mr.~~ Mack Rogers
~~Mr.~~ Gordon Layton

BUTLER ASSOCIATES, P.A.

CONSULTING ENGINEERS

12 BROAD STREET

ASHEVILLE, NORTH CAROLINA 28801

(704) 258-2517



RONALD S. BUTLER, P.E.
HARLOW L. BROWN, P.E.
GARY R. MCGILL, P.E.
EDWARD D. SEAGLE, P.E., R.L.S.

August 9, 1979

State of North Carolina
Department of Human Resources
Division of Health Services
ATTN: Mr. J. Gordon Layton

RE: South Buncombe County Landfill
Project No. 7949 Br

Dear Mr. Layton:

In response to your July 23, 1979 letter, I acknowledge the fact that the site is not within FAA guide lines as required; however, your implication that the initial fault is with the County is just not correct. Consider the facts:

1. Your field representative gave an OK to the site on March 2, 1979 telling the County, Mr. Mack Rogers in particular, to proceed with soil borings and operational plans. (Item 12 on State check-off sheet)
2. On May 10, 1979, plans were submitted to you for review. At that time you never stated the site was too close to the airport. Instead by your telephone call on June 7, 1979 you requested we obtain additional soil borings and other data. Why would you do this, if the site is not even an eligible consideration?

These facts appear inconsistent with the statement in your letter; "You are urged, if looking for another site to obtain approval before starting the design for operational plans." This is exactly what Mr. Rogers did - he obtained on March 2, 1979 site approval from your agency.

Mr. J. Gordon Layton

-2-

August 9, 1979

I am sorry for this unfortunate situation and am sure that all involved shall profit from the experience as we deal with future problems.

Very truly yours,

BUTLER ASSOCIATES, P.A.



Harlow L. Brown, P.E.

HLB:dv

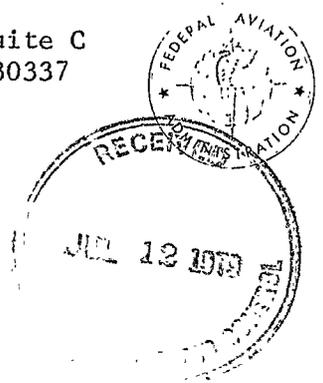
CC: Bill Oglesby
Mack Rogers

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

AIRPORTS DISTRICT OFFICE
1568 Willingham Drive, Suite C
College Park, Georgia 30337

JUL 06 1979

Mr. Harlow L. Brown, P.E.
Butler Associates, P.A.
12 Broad Street
Asheville, North Carolina 28801



Dear Mr. Brown:

Reference is made to your letter of June 26, 1979, regarding the proposed sanitary landfill near the Asheville Municipal Airport, Asheville, North Carolina.

We are enclosing a copy of FAA Order 5200.5 entitled FAA Guidance Concerning Sanitary Landfills on or Near Airports for your information. As you will note in the order, and as you are already aware, it is the policy of the Federal Aviation Administration that all existing sanitary landfills located within 10,000 feet of a runway that accomodates turbojet aircraft, be closed. Likewise, the agency does not agree with landfills that are proposed closer to runways than the limits set forth in the enclosed order.

We have had experiences with landfills located near airports and although they were supposedly operated in compliance with state regulations, large flocks of birds were attracted. These birds became an extreme safety hazard for arriving and departing aircraft. These birds are particularly a problem in areas that receive snow during the winter months, such as Asheville.

Considering the potential safety hazard that would be created by the proposed sanitary landfill, we recommend that an alternative site be selected.

Sincerely,

original signed by
HOWARD M. ROBINSON

HOWARD M. ROBINSON
Chief, North Carolina Section

Enclosure

cc:
Mr. U. Gary Taylor
Mr. W. G. Plentl, Jr.
Mr. Jerry Perkins

July 14, 1977



MEMORANDUM TO: Mr. O. W. Strickland

FROM: Lenwood V. Long

A handwritten signature in cursive script, appearing to read "Lenwood V. Long".

RE: Solid Waste Program

Alan Lang and I appreciated the opportunity to discuss with you the proposed Solid Waste Management Program for Buncombe County, NC. Your candor and comments regarding the program were indeed well received. As you are well aware, too often state agencies do not come together enough to discuss their involvement and interest in similar programs. Hopefully, our efforts are an indication of the direction we will move toward in the future.

You can be assured of our continued coordination and consultation with your office as we move forward with the program for Buncombe County. I also ask that you consider our agency's possible involvement as you begin to implement Public Law 94-580.

For your information and review, I am enclosing materials on our program. Should you have questions or comments, please do not hesitate to contact me.

LVL/rw

cc: Alan Lang

Attachment

Buncombe
HR

July 9, 1975

Mrs. E. J. Davis
Route 1, Box 110
Gandler, North Carolina 28715

Dear Mrs. Davis:

Your letter addressed to the N. C. Department of Human Resources has been forwarded to me for answering.

In reviewing our records, I find that Mr. Moore, Mr. Fulp and I have visited you with regards to your complaint.

The water sample collected by Mr. Moore was sent in for testing. I have discussed the report with the people in the laboratory and on my next visit to your area, I will stop by and discuss the report with you.

I am sending you a copy of the report that Mr. Fulp and Mr. Moore made on their visit of May 7, 1975, when you and Mr. Davis were not at home although you had been notified of the date and time.

Sincerely,

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

OWS/cc
Enclosure

cc: Mr. J. W. Moore, Jr.
Mr. Charles Williams
Buncombe County Health Department

7-1-75

State of N.C. Human Resources

I wrote you about a land fill joining our property, in March O.W. Strickland and J.W. Moore visited it, had the trash removed, Moore came back and got a water sample 4-4-75 and was ordered to send us a copy of the report.

Moore came back with a man from North Wilkesboro and said he had met with Health Dept & Curtis Ralstiff and ^{W.P.} Filling out an order about the drainage and said we would get a copy of it, and to this day we have nothing from any of them we called Moore's office two different times and have not heard anything



They all agreed it was a
mess and something had to
be done. and promised us we
would hear from them.

if theres a Report on the water
or anything else would like
to hear about it. Theres something
dirty going on I dont know why
we contacted an attorney and he
talked with the County lawyer and
that was it. we had our line
surveyed across the fill was to hear
from them in a day or two and
cant get a thing out of them
if the State Cant help do something
about a mess like I'd like to know
who to turn too.

Mrs E. J. Davis

E. J. Davis
R-1- Box 118
Candler, N.C.
28715

RECEIVED
JUL 8 1975
SANITATION BRANCH

RECEIVED
JUL 8 1975
WASTE-VECTOR CONTROL

Buncombe
JRK

June 30, 1977

Mr. B. A. Kerns
Manager Environmental Control
Westinghouse Electric Corporation
Westinghouse Building
Gateway Center
Pittsburgh, Pennsylvania 15222

304

Dear Mr. Kerns:

To confirm our conversation of June 29, 1977 with reference to a sludge that will be generated at your facility in Asheville, North Carolina the following recommendation is made.

The sludge be stored at your facility until facilities are available in North Carolina to properly dispose of this type sludge.

As you do not expect to generate any sludge for another year, and then only 110 gallons per month, I feel that a facility operated by private enterprise will be available in North Carolina prior to storage becoming a problem with your company.

Sincerely,

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

OWS/tg

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

From : Works Engineering and Maintenance
WIN : 245-2638
Date : June 16, 1977
Subject: Metal Hydroxide Sludge (W-9)

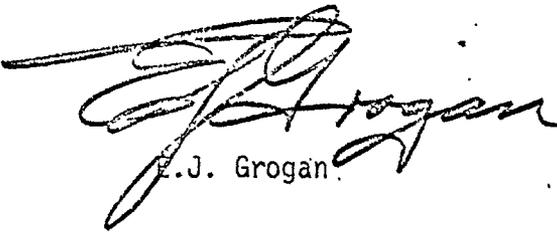
To : M.N. Hayes - General Control Div.

cc: R.T. Bassett - GCD
cc: D.F. Abe - GCD
cc: C.E. Harper - GCD
cc: R.D. Clark - GCD
cc: B.A. Kerns - Pgh. - W Bldg. 1601
cc: F.A. List - Room 200

The chemical analysis of metal hydroxide sludge (Chemtrol 122-G) has been made from the sample given us. The chemical laboratories of Acres-American, Inc., performed the analysis for the critical parameters and as follows:

<u>Metal</u>	<u>PPM</u>	<u>Percent</u>
Zinc	12500	1.250
Iron	7320	.732
Chromium	4640	.464
Cadmium	3640	.364
Copper	3000	.300
Tin	2650	.265
Silver	300	.030
Aluminum	220	.022
Nickel	35	.0035
Cyanide	4290	.4290
Oxidizable Cyanide	None Detected	(<200 ppm)

We took the liberty of adding cyanide to the list of parameters to be analyzed because of an increase in regulatory agency concern with this element. From our interpretation, the absence of oxidizable cyanide minimizes disposal problems and we recommend consideration of disposal procedures similar to those utilized for the Buffalo Complex.


E.J. Grogan

2.55 gal. to be made

SAMPLE EVALUATION AND MATERIAL DESCRIPTION
CHEMTRON POLLUTION SERVICES, INC

CUSTOMER NAME	CUST. NO.	PRODUCT CODE NO.	PROJECT NAME
Westinghouse	122	122-3	Model 122-3

NEW CUSTOMER NAME AND ADDRESS
Buffalo, N.Y.

VOLUME	CONTAINER
10-15 gram/yr	drums

BEST EFFORTS DESCRIPTION:

Metal oxide and hydroxide wastes, includes some zinc, tin, chrome, iron, cadmium, nickel, copper, possibly silver. From treatment of metal plating wastes. Check for absence of cyanides.

ERS

NO LAB WORK REQUIRED -
THIS IS A PRODUCT REGISTRATION

for disposal
LAB WORK REQUIRED

TEST RESULTS:

P.A. brown solids + liquid, no objectionable odor.
spgr = 1.130, wt/gal = 9.4
% T.S @ 110°C ~ 20%
cyanides are absent
most metals present are in the form of hydrated oxides or hydroxides



September 16, 1977

Mr. B. A. Kerns, Manager
Environmental Control
Westinghouse Electric Corporation
Westinghouse Building, Gateway Center
Pittsburgh, Pennsylvania 15222

SUBJECT: Certificate of Approval No. 1004
Westinghouse Electric Corporation
Arden, North Carolina
✓ Buncombe County

JH

Dear Mr. Kerns:

In accordance with your application received September 9, 1977, we are forwarding herewith Certificate of Approval No. 1004, dated September 16, 1977, to Westinghouse Electric Corporation for the construction and operation of 0.06 MGD batch type industrial wastewater pretreatment facilities including holding tanks, mixers, chemical feed pumps, monitoring equipment, cyanide destruction, chromium reduction, pH adjustment, precipitation, clarification, centrifugation, sludge storage and flow measuring to serve Westinghouse Electric Corporation, Arden, North Carolina, and the discharge of the pretreated industrial wastewater into the Buncombe County Metropolitan Sewerage District's existing sewerage system.

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

Enclosed for tax certification is a copy of WPG Form #50 "Cost of Wastewater Treatment Works." This form is to be completed and returned to this office within thirty (30) days after the project is completed.

Sincerely,
Original Signed by
L. L. P. Benton, Jr., Chief
Water Quality Section

Enclosures
cc: Buncombe County Health Department
Mr. O. W. Strickland ✓
Mr. W. H. Mull, P.E.
Mr. Roy Davis
Mr. W. S. Hoffman
Planning and Management Section

NORTH CAROLINA
ENVIRONMENTAL MANAGEMENT COMMISSION
DEPARTMENT OF NATURAL RESOURCES AND COMMUNITY DEVELOPMENT
Raleigh

CERTIFICATE OF APPROVAL

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

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

APPROVAL IS HEREBY GRANTED TO
Westinghouse Electric Corporation
Arden, North Carolina
Buncombe County

FOR THE

construction and operation of 0.06 MGD batch type industrial wastewater pretreatment facilities including holding tanks, mixers, chemical feed pumps, monitoring equipment, cyanide destruction, chromium reduction, pH adjustment, precipitation, clarification, centrifugation, sludge storage and flow measuring to serve Westinghouse Electric Corporation, Arden, North Carolina, and the discharge of the pretreated industrial wastewater into the Buncombe County Metropolitan Sewerage District's existing sewerage system,

pursuant to the application received September 9, 1977, and in conformity with the project plans, specifications, and other supporting data, subsequently filed and approved by the Department of Natural Resources and Community Development and considered a part of this Certificate of Approval.

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

1. This Certificate of Approval shall become void unless the pretreatment facilities are constructed in accordance with the approved plans, specifications and other supporting data and are completed and placed in operation on or before January 1, 1979, or as this date may be amended.
2. This Certificate of Approval is effective only with respect to the nature and volume of wastes described in the application and other supporting data.
3. The pretreatment facilities shall be effectively maintained and operated at all times in such a manner as to produce an effluent which will not adversely affect the Buncombe County Metropolitan Sewerage District's Wastewater Treatment Plant.
4. This Certificate of Approval shall become void unless the agreement between the Buncombe County Metropolitan Sewerage District and Westinghouse Electric Corporation, for the collection and final treatment of the pretreated industrial wastewater is in full force and effect.

Westinghouse Electric Corporation
Arden, North Carolina
Buncombe County

5. Reports on the operations of the facilities shall be submitted to the Buncombe County Metropolitan Sewerage District at regular intervals and in such form and detail as may be required by the Governing Board of the Buncombe County Metropolitan Sewerage District.
6. In event the facilities fail to perform satisfactorily, Westinghouse Electric Corporation shall take such immediate corrective action as may be required by the Buncombe County Metropolitan Sewerage District or this office.
7. Satisfactory facilities shall be provided to contain the accidental discharge or spillage of hazardous or toxic substances either stored or being used in the pretreatment facilities on project site.
8. Solids, sludges, or other pollutants removed or resulting from the wastewater treatment process shall be contained and disposed of in such a manner as to prevent any contamination of the surface or ground waters of the State.
9. Nothing in this Certificate of Approval shall be deemed to preclude the institution of any legal action nor relieve the holder from any responsibilities, liabilities, or penalties to which the holder is or may be subject to under the provisions of North Carolina General Statutes 143-215, or under any Federal, State or local law or regulation.
10. This Certificate of Approval is not transferable.
11. The pretreated industrial wastewater from these facilities shall be adequately treated in the Buncombe County Metropolitan Sewerage District's Wastewater Treatment Plant prior to being discharged into the receiving stream.
12. Discharge from the Westinghouse Electric Corporation pretreatment system must comply with the present Buncombe County Metropolitan Sewerage District sewer use ordinance and any subsequent ordinance containing more stringent limitations.
13. The method of ultimate sludge disposal must be in accordance with the North Carolina Division of Health Services requirements.

Certificate of Approval issued this the 16TH day of SEPTEMBER, 1977.

NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION

Original Signed by

By L. P. BENTON, JR.

L. P. Benton, Jr., Chief
Water Quality Section

Division of Environmental Management

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

CERTIFICATE OF APPROVAL NO. 1004

Buncombe
COW

June 30, 1977

Mr. John B. Fisher, President
Biltmore Iron & Metal Company, Inc.
Post Office Box 5616
Asheville, North Carolina 28803

Dear Mr. Fisher:

Your request for a tax certification on your Iron & Metal Company has been received. A visit will be made during the month of July. You will be notified a day or so before the visit.

Sincerely,

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

OWS/tg

Burcombe
JHR

June 11, 1976

Mr. K. B. Goodson
Occupational Chairman
Charles D. Owen High School
730 Old U.S. Highway 70
Swannanoa, North Carolina 28773

Dear Mr. Goodson:

Enclosed is a copy of "Residential Sewage Disposal Plants".

I checked with everyone in our section concerning Bulletin 531 but no one knew anything about it. Therefore, I then checked with the Department of Natural and Economic Resources and they knew nothing of this bulletin. After talking with you by telephone, I checked with the Department of Education and no one could help me either.

If this office can be of further assistance in helping you locate Bulletin 531, please let us know.

Sincerely,

Mrs. Brenda M. McLamb, Secretary
Solid Waste & Vector Control Branch
Sanitary Engineering Section

bm
Enclosure



CHARLES D. OWEN HIGH SCHOOL
730 Old U. S. Highway 70
Swannanoa, N. C. 28778
Swannanoa 686-3852



CHARLES A. LYTLE
Principal

June 8, 1976

State Board of Health
Raleigh, North Carolina

Dear Sir:

Please send me one (1) copy of bulletin #531. I believe this pertains to waste disposal.

Thank you.

Yours truly,

A handwritten signature in cursive script, appearing to read "R. B. Goodson".

R. B. Goodson
Occupational Chrm.

Container Service & Disposal Company

P.O. Box 8374, Asheville, N.C.
Telephone: Area Code 704-253-5364

Burcombe
LTR
Bulk Hauling
Waste Disposal
Container Dept

June 3, 1977



Mr. G. E. Chapman
Construction Project Manager
Westinghouse Electric Corporation
Westinghouse Building
Gateway Center
Pittsburgh, Pennsylvania 15222

Dear Mr. Chapman:

I am enclosing a copy of a letter from O. W. Strickland, Supervisor, Solid Waste Management, State of North Carolina, which is self-explanatory.

I would appreciate it very much if you could correspond with him directly with copies to me so that we can resolve the problem of your sludge removal.

I think it is wise to get started in this even before production commences so that the way will be clear when you finally do crank up.

Yours very truly,

CONTAINER SERVICE & DISPOSAL COMPANY

Jack L. Dolanoff
Jack L. Dolanoff
Vice President

JLD/pc
Enclosure

cc: Mr. O. W. Strickland

Burcombe
JW

May 31, 1977

Mr. Jack L. Doloboff
Vice President
Container Service & Disposal Company
Post Office Box 8374
Asheville, North Carolina 28804

Dear Mr. Doloboff:

Your letter of May 26, 1977 with reference to a sludge to be generated by Westinghouse Electric Corporation has been received.

The enclosed list of material that the sludge will contain does not provide me with sufficient information to make a decision upon. I will need to know the amount of each of the metals involved.

It has been my pleasure to work very closely with the Westinghouse people here in Raleigh with their sludge problem. We would prefer to do the same with the people in Asheville. If they decide to secure your services in transporting or disposal of the waste this would be between you and the company.

Sincerely,

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

OWS/tg

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

Container Service & Disposal Company



P.O. Box 8374, Asheville, N.C.
Telephone: Area Code 704--253-5364

Bulk Hauling
Waste Disposal
Container Rental

May 26, 1977

Mr. O. W. Strickland, Supervisor
Solid Waste Program State of North Carolina
P. O. Box 2091
Raleigh, North Carolina

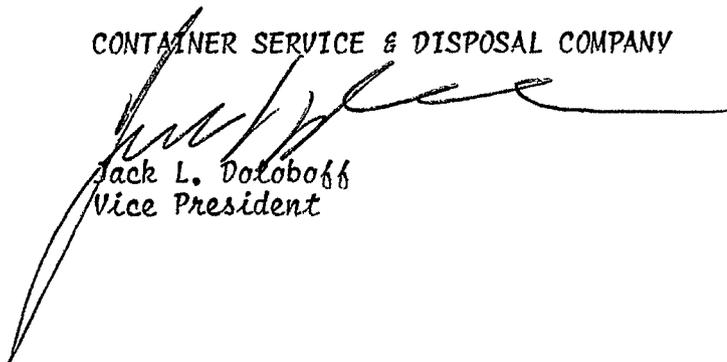
Dear Mr. Strickland:

As per our conversation of today and after being directed to you through various North Carolina agencies, I am enclosing a copy with the description of the sludge material that will be generated at the local Westinghouse facility here in Buncombe County.

It is our understanding that you will advise us as to how and where we may dispose of this material. We would appreciate very greatly your reply so that we may institute a system to help solve this problem for the Westinghouse people here.

Yours very truly,

CONTAINER SERVICE & DISPOSAL COMPANY


Jack L. Doloboff
Vice President

JLD/pc
Enclosure

cc: Mr. G. E. Chapman
Westinghouse Electric Corp.

Mr. Jim Holland
Director of Community Improvement



From: Gateway
To: 3616
Date: May 9, 1977
Subject:

To: G. E. Chapman

The plating room waste treatment system to be installed at the Westinghouse Asheville Plant will produce approximately two (2) fifty-five (55) gallon drums per week of metal hydroxide sludge. This sludge will contain non-soluble hydroxide of the following metals: Zinc, Tin, Cadmium, Nickel, Copper, Chromium, Iron and Aluminum. The sludge will have a solids content of approximately 60% - 70%.

Would you arrange for the disposal of this sludge by local contractors in the Asheville area?

B. A. Kerns
B. A. Kerns

/ml



Concombe
L+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

Selox Inc.
P. O. Box 367
Enka, N. C. 28728

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.

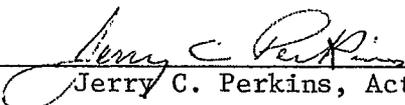
Your assistance is needed to provide the Solid Waste & Vector Control Branch, Division of Health Services, with information on the present status of the management, volume, and composition of these type wastes in North Carolina. This information is needed to develop an orderly and reasonable implementation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



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

STATE OF NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES

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

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



April 16, 1976

Mr. L. T. Parrott
643 Brevard Road
Asheville, N.C.

Dear Mr. Parrott:

This letter is to confirm the agreement we reached on April 13, 1976. As the stream of water from a spring on J.W. Stubbs property flows in the ravine, where you intend to fill with demolition waste, we advised that a culvert would have to be installed properly to prevent interference with that stream.

You stated that you would not fill to the stream unless you could reach an agreement with adjoining property owner Mr. Honneycutt to share the cost of an approved culvert.

If you decide to install the culvert, contact this office for specifications and inspection and approval of the installation.

Sincerely,

J. W. Moore, Jr.
J. W. Moore, Jr.
District Sanitarian

JWM/tl

cc: O. W. Strickland ✓
J. W. Stubbs
Mr. Honneycutt
Mr. Al Parramore

Strickland

Ridgecrest Baptist Conference Center

Burcombe
JTR

P. O. BOX 128
RIDGECREST, NORTH CAROLINA 28770



May 7, 1975

Mr. James W. Moore, Jr.
N.C. Dept. of Human Relations
Division of Health Services
Western Regional Office
Black Mountain, N.C. 28711

Dear Mr. Moore:

I submit the following information as a temporary report on the Ridgecrest dumping ground.

The following actions have been taken.

1. Our lease agreement with Mr. John Hamilton has been cancelled.
2. The area has been closed to all outside users. We still have a few "slip-ins" since the State Highway Department is using the area as a fill dirt source and the gates remain open during the work day hours.
3. The area between the dump and the check point on Highway 70 has been hand cleaned.

Our plans at present are to:

1. Close the area completely.
2. Purchase a trash truck and compactor.
3. Use the county land fill.

The date for completion of these plans is dependent upon the availability of the truck. We are now accepting bids.

I will notify you of the final closing date.

Sincerely,

Ken McAnear
Ken McAnear
Manager

McA/p

cc: Mr. Richard Tennant

DEPARTMENT OF HUMAN RESOURCES

DIVISION OF HEALTH SERVICES

RALEIGH



December 17, 1974

Mr. J. C. Holland

Sumcombe County Department of Community Improvement
Health and Welfare Building
Asheville, North Carolina 28807

Dear Mr. Holland:

In confirmation of the conversation of December 16, 1974, among Ernest Hilton, J. N. Fulp, and myself, it is our opinion that the dirt in question is unsuitable in its present wet state, to be used as cover material for land filling. If this dirt can be dried, it will be acceptable for the above use.

Sincerely,

Handwritten signature of J. W. Moore, Jr.

J. W. Moore, Jr.
District Sanitarian

JRM:o

cc: Mr. J. N. Fulp, Sr.
Mr. O. W. Strickland

December 19, 1972

Mr. Curtis Radcliff, Chairman
Republican County Commission
Suncombe County Health Center
P.O. Box 7607 *JM*
35 Woodfin Street
Asheville, North Carolina 28807

Dear Mr. Radcliff:

A plan for solid waste management in Buncombe County has been prepared as requested by Mr. Gordon Greenwood, Chairman of Board of County Commissioners, in a letter of July 12, 1972.

This office is prepared to present the plan to the county commissioners and any others that you would like present.

Please give us at least two dates that would be convenient for you so we may arrange our plans in accordance.

Sincerely,

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

OSB:elf

cc: Mr. J. N. Fulp, Sr.
Dr. H. W. Stevens
Mr. Charles D. Williams



BUNCOMBE COUNTY HEALTH CENTER

P. O. Box 7607, 35 WOODFIN STREET
ASHEVILLE, N. C. 28807

November 21, 1972

RECEIVED

NOV 27 1972

SANITARY ENGINEERING
DIVISION

Mr. O. W. Strickland, Consultant
Solid Waste Management
State Board of Health
Post Office Box 2091
Raleigh, North Carolina 27602

Dear Bill:

I received a copy of your letter addressed to Gordon Greenwood regarding a future meeting to approve and implement your plans for a Buncombe County landfill operation.

On December 4, we will have a Republican County Commission. The new chairman will be Mr. Curtis Radcliff. Mr. Greenwood has informed us that he would prefer to let the new commissioners handle this meeting with you.

Bill, I would advise that you mail a letter about December 1 or 2 to Mr. Curtis Radcliff and word it exactly as you did to Mr. Greenwood, so that he can give you a proper answer and set up a time. All of us are interested in this meeting. I hope that you will pour it on the new commissioners, letting them know exactly what we need in the way of landfill operation. We will back you up in any statement you make.

Let us hear from you.

Sincerely,

H. W. Stevens, M.D.

H. W. Stevens, M. D., Director
Buncombe County Health Center

HWS/ld

cc Mr. James N. Fulp, District Sanitarian
Mr. Charles Williams

Handwritten signature/initials

October 5, 1973

Mr. R. Curtis Ratcliffe
Chairman, Board of Commissioners
Buncombe County
Asheville, North Carolina

Dear Mr. Ratcliffe:

Mr. Charlie Williams requested that I write you in regards to the waste from the Garber Company.

The waste from the Garber Company is not acceptable at a sanitary landfill unless it is dewatered to a point where there is no free water. The water could be removed from the waste by any one of a number of ways including vacuum dryers. It should be no problem to secure recommendations for water removal systems from companies that manufacture drying equipment.

The Division of Health Services "Rules and Regulations Providing Standards for Solid Waste Disposal" was prepared and adopted for the purpose of solid waste disposal. For waste to be classified as solid waste, it must be without free water.

This office cannot approve nor allow to operate after July 1, 1976, any land disposal site that knowingly accepts waste that will cause leaching problems at the site.

It was my pleasure to visit with Mr. Holland a couple of weeks ago and observe the operations at part of your land disposal sites. There has been some improvement made in the program. It was also observed on this visit that some new equipment had been secured. I plead with you that before more money is spent on equipment that I might have the opportunity to discuss the size and type of equipment that would be best suited for your county. Proper type and size of equipment will provide not only savings in capital investment but in annual operating costs.

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

Sincerely,

O. W. Strickland, Supervisor
Solid Waste Management Unit
Sanitary Engineering Section

OJS/ct
cc: Mr. Charlie Williams
Mr. J. W. Moore

Burton
SHU

August 27, 1973

Mrs. W. J. Tennant
Tennant Place
Asheville, North Carolina

Dear Mrs. Tennant:

I wish to apologize for my delay in providing you with the name of a speaker for your meeting in Asheville on September 13, 1973. It has been necessary that I be a witness in a court case in Winston-Salem to testify in regard to a suit concerning solid waste disposal operations.

I have made arrangements for Mr. O. W. Strickland, Unit Supervisor, Solid Waste Management Program, to attend this meeting. He has been on my staff since 1965 with major responsibilities in solid waste management. Prior to being employed here, he was Sanitation Supervisor in the Davidson County Health Department for nineteen years. I am sure that Mr. Strickland will provide you with a most interesting presentation on the effectiveness of the solid waste management program in North Carolina.

I wish to express my sincere appreciation to you for opportunity to have representation on your program to discuss the status of solid waste management. I wish to take this opportunity to thank you and the North Carolina League of Women Voters for the continued assistance and encouragement that they have provided us in the development of the present program. If at any time that I can provide you with additional information or assistance, I shall appreciate hearing from you.

Very truly yours,

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

SHU:bm

cc: Mr. O. W. Strickland

OFFICE MEMORANDUM
NORTH CAROLINA STATE BOARD OF HEALTH

B. Brumby
ATK

August 3, 1973 DATE

TO: Mrs. Ann Lichtner

FROM: Sidney H. Usry

RE: Mrs. Mack B. Ray

This is the correspondence that I referred to in my conversation with you by telephone on August 2, 1973. I understand that you had success in the field of litter control with the information that has been provided by this letter and I would appreciate your taking appropriate action and notifying Mrs. Ray that the letter had been referred to you.

SHU:bm



Box 181
Burnsville, N.C. 28711
July 24, 1973

State Health Department
Raleigh, N.C.

Dear Sirs:

I've read in the paper that if we see people littering to write you and you will write them a letter not saying who reported them. We have always tried to be very careful and not litter.

Our Appalachian Trail has litter in many places not from the hikers but from local people going up for picnics, etc.

Yesterday on my return from Asheville I saw a bottle thrown from a car into the bushes along the side of the road. It was a short distance before approaching the 4-lane road from North Asheville - below Beaver Lake - tag no 2936 - I.H. at 4:50 P.M. a GMC red panel car or truck. Thank you, (Dorothy S.)
Mrs. Mack B. Ray

NANITLOA SURF • HILLO ISLAND OF HAWAII 96720

Buncombe
JTR

April 9, 1973

Mrs. D. G. Sharp
Environmental Quality Chairman
League of Women Voters of North Carolina
307 Granville Road
Chapel Hill, North Carolina 27514

Dear Mrs. Sharp:

I have delayed answering your letter in an attempt to find information that you requested regarding drying equipment for installation at the Gerber plant. I am unable to advise regarding this matter as such equipment does not ordinarily enter into our plans for the collection and disposal of solid waste.

Under the rules and regulations of the State Board of Health, all sanitary landfill sites will be required to meet the standards as required and operational procedures shall be in accordance with the plans approved by this office. At the present time, there are no sites in Buncombe County that meet the requirements of our regulations but plans are being prepared for the implementation of sanitary landfill sites that will be in accordance with our requirements. It is our opinion that a properly designed and properly operated sanitary landfill will present no leaching problems. The design features and operational plans that are submitted to this office are reviewed and studied prior to approval so as to eliminate the problem of leaching. There are no statutes by which we can require that any facility install certain equipment but we do have the authority to approve or disapprove the types of waste that are disposed of at a disposal site. The disposal of sludges and slurries are not permitted by regulation but I am sure that every attempt will be made to provide industry assistance in the methods and preparation of materials for disposal.

I can assure you that every attempt is being made to establish an effective solid waste disposal system throughout the State. I appreciate your concern and will be glad to provide you with any information or assistance in the matters dealing with solid waste disposal.

Very truly yours,

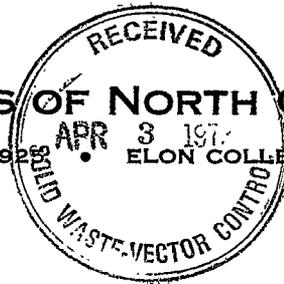
Sidney H. Usry, Chief
Solid Waste & Vector Control Section
Sanitary Engineering Division

SHU:bm

LEAGUE OF WOMEN VOTERS OF NORTH CAROLINA



P. O. BOX 9228 • ELON COLLEGE, N. C. 27244 • TEL.: 919 - 584-0400



DR. FRANCES TRIGG DAWSON, PRESIDENT

April 2, 1973

Mr. Sidney Usry, Chief
Division of "Solid Waste
Department of Public Health of North Carolina
Cooper Memorial Health Building
Raleigh, N. C. 27601

Please
Reply to

MRS. D. G. SHARP
307 Granville Road
Chapel Hill, N. C. 27514

cc James Wallace
Mrs. Kaghan
Dr. Dawson
Ruth Clusen

Dear Mr. Usry:

The inclosed copy of my recent letter from Mrs. Kaghan, President of the League of Women Voters of Asheville, speaks for itself.

Can you possibly find out for us what kind of drying equipment the Gerber plant might install to stop the pollution of the French Broad River, before the Defense Association makes it into a full-blown cause, now that they have time on their hands?

And does the State have any power at all to declare the leaking landfills a threat to public health, and insist that Gerber get the equipment promptly?

Should the Regional COG out there be encouraged to take a hand?

It does seem as though joint operations would be feasible, and that Gerber should bear the increased transportation costs. With all food prices rising the way they have been recently, the League of Women Voters position that costs of pollution control are part of doing business seems more justified than ever.

I do appreciate your prompt response to our recent "hotline" calls on this subject, but conferences have to be followed by action to really prevent pollution, and that's the hard part.

North Carolina has so much to offer in terms of plentiful water, abundant labor, and relatively un-crowded land, that I think we can wisely and safely insist that industries which operate here recycle their water, take care of their own wastes--why can't they make cattle-feed or fertilizer of them?--and take major responsibility for improving our waste-disposal systems rather than over-loading them.

I'm sure EPA must have information on what to do with food wastes in their information banks. Either Mrs. Kaghan or I would research the matter if your staff is really too pushed, but your preliminary information is probably much better than ours. Thank you for all you are doing to help the cause, and please let me know if I can help on this one.

Sincerely,

(Mrs. D. G. Sharp, Environmental Quality Chairman, League of Women Voters of North Carolina)

LEAGUE OF WOMEN VOTERS
OF
ASHEVILLE, NORTH CAROLINA



165 Windsor Road
Asheville, N.C. 28804
March 29, 1973



Dear Jane,

Thought you might like to know how things are progressing or not progressing here.-- We are still having trouble with the Gerber situation. The ~~ex~~ manufacturing process sends its solid wastes out in a stream of water which is then filtered with the liquid going to the sewerage treatment plant and the solid? (semi-liquid) residue carted by truck to a landfill. The seepage forced the closing of one County landfill and the Commissioners refuse to let it go into any of the others so it is being dumped into the City landfill. The City landfill is now 200 feet high because they can't find any other suitable land and there is run-off into a nearby stream. An operator there and the supervisor of the sewerage treatment plant both say that as long as the deposits are small there is adequate earth-covering equipment to handle it but that when the big packing season starts shortly it will pollute the nearby waters (the landfill is only about $\frac{1}{4}$ - $\frac{1}{2}$ mile from the French Broad River). --The Metropolitan Sewerage District had been paying for the screening and hauling operation but they have just voted to discontinue it as they are losing money on the operation- and the County doesn't seem inclined to do it - so whether Gerber will do it - or ruin the sewers by no screening- or dump the stuff on the roadside, no one seems to know. Mr. Holland who is in charge of operating the County landfills says that Gerber could install drying equipment for \$15,000-\$20,000. that would solve the problem.-- Do you know anything about this sort of thing? Or where I could write for the appropriate technical information? I would hesitate to make a stink before City Council without checking the facts.

We ran a bus tour to the City landfill and the sewerage treatment plant today, that was well attended considering the rain- and it is getting us some publicity in the paper. By fall we hope to have a good slide, news bulletin, talk program worked up to present to garden clubs, AAUW, Junior League, JCSs and anyone else who will listen.

We are also trying to get the City and County to run a joint landfill operation as it would be considerably cheaper. The enclosed sheet - and a letter was sent to all City Councilmen- and the City Manager. No answers but will pursue it.

Had a nice answer from Senator Staton in reply to mine on the Environmental Policy Act. He hopes it will all work out. So do I.

Know you must be busy so just tell me where I can find out more about drying processes for food processing plants.

Best--

Lil Kighan

Buncombe
LTK

March 19, 1973

Mrs. Lillian K. Kaghan, President
League of Women Voters of Asheville
165 Windsor Road
Asheville, North Carolina 28804

Dear Mr. Kaghan:

I appreciate your letter and your concern regarding the problems of solid waste disposal in Buncombe County.

I am enclosing a copy of the North Carolina Solid Waste Act along with a copy of the Rules and Regulations Providing Standards for Solid Waste Disposal that have been adopted pursuant to the authority granted in this act. These regulations are in full force and effect at the present time but you will note that there are certain critical dates for implementation schedules. Under these regulations, no solid waste disposal facility can operate after July 1, 1974, without being in full compliance with these regulations.

A member of my staff has discussed the proposal of reopening the site in the Candler Section with officials of Buncombe County. This site is being reopened on a temporary basis until such time as the county program can become operative, at which time appropriate action will be taken to close the Candler site.

The semi-fluid waste that is being disposed of by the Gerber Company creates problems at sanitary landfills due to the high liquid content. The criteria for disposal of such material is dependent upon the "free water" that is part of the material. I am sending a member of my staff to Buncombe County to discuss the disposal of this material along with the operational procedures that will be necessary to operate the disposal facility in the Candler Section.

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

Very truly yours,

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

SHU:bm
cc: Mr. J. N. Fulp, Sr.
Mr. Charlie Williams

LEAGUE OF WOMEN VOTERS
OF
ASHEVILLE, NORTH CAROLINA

Wk ofh - 12-1

MAR 12 1973



165 Windsor Road
Asheville, N.C. 28804
March 6, 1973

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

Dear Mr. Usry:

We have received the North Carolina State Board of Health's proposals for landfills in Buncombe County. The League of Women Voters is anxious to have all facilities meet State standards and hopes to find public support for this position.

Are State standards an administrative ruling or a public law? If the former, under what public law are the regulations issued? May we have a copy of the regulations?

What enforcement powers does the State Board of Health have regarding the new State standards? Are citizen suits possible?

The Buncombe County Board of County Commissioners is about to execute a new two-year lease for its operation in the Candler section in order to "meet some of its immediate waste-disposal needs". This site was recently closed and would now be re-opened. Do your records indicate whether this site was considered unacceptable because of the nature of the land, because of the lack of proper equipment at the site, for both these reasons, or for other reasons?

Would semi-fluid wastes such as the Gerber Company is depositing cause a problem at landfills which meet the minimum new State regulations? The supervisor of the Buncombe County landfills feels that these wastes have not been sufficiently dried before they are brought to the landfill.

What law prohibits open dumping on other than landfill sites?

Thank you for your assistance.

Very truly yours,

Lillian K. Kaghan, President
(Mrs. Walter S. Kaghan)

February 27, 1973

Mrs. Walter S. Kaghan
President
League of Women Voters
of Asheville, North Carolina
165 Windsor Road
Asheville, North Carolina

Dear Mrs. Kaghan:

In reply to your request of February 17, 1973, I have summarized the activities of Buncombe County and the City of Asheville in regard to solid waste management and disposal. I hope the following information will be of value to you:

JR
Buncombe County was one of the first counties to provide a county-wide disposal system that was available for use by both contract haulers and individuals. The officials are to be commended for this action but due to lack of criteria and regulations, the selection of disposal sites was rather poor and located in areas that would not meet our present requirements. The disposal sites were not planned in order to utilize them efficiently and in most cases, operational procedures were very poor due in part to the lack of adequate equipment.

The City of Asheville has for many years operated sanitary landfills that were considered above the average operation; however, the operation would not meet the present requirements of the rules and regulations of the State Board of Health. The City is now preparing to move to a new operational site on their own property and plans are being prepared in accordance with the requirements of the State Board of Health. The new site will be operated in full compliance with regulations. The area that is now being used by the City of Asheville will be closed in accordance with the requirements for closing the disposal facility.

The Buncombe County Board of Commissioners has requested that this agency prepare a solid waste management program that will provide the county with adequate collection and disposal facilities. In accordance with this request, two proposals were prepared and presented to the Board on February 5, 1973. One of these proposals was prepared that

Mrs. Walter S. Kaghan
Page 2
February 27, 1973

would provide a complete solid waste management program for Buncombe County but excluded the City of Asheville and the second proposal was prepared to serve the entire county including the City of Asheville. I am attaching a copy of both of these plans.

The "Rules and Regulations Providing Standards for Solid Waste Disposal" will require that old disposal sites be closed or converted into approved sanitary landfills by July 1, 1974. Any new sites that are developed will have to be approved by the State Board of Health and meet all of our requirements before becoming operational.

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

Very truly yours,

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

SHU:bm
Attachments

LEAGUE OF WOMEN VOTERS
OF
ASHEVILLE, NORTH CAROLINA



165 Windsor Road
Asheville, N.C.
February 17, 1973

RECEIVED

Mr. Sidney H. Usry, Chief
Solid Waste & Vector Control Section
Sanitary Engineering Division
State Board of Health
Raleigh, North Carolina

FEB 21 1973

SANITARY ENGINEERING
DIVISION

Dear Mr. Usry:

The Asheville League of Women Voters has a group which is studying solid waste management practices and the possibilities for re-cycling now or in the future.

Would it be possible for us to obtain a copy of the report and recommendations made by Mr. O.W. Strickland, Chief of the Solid Waste Disposal Section, with regard to the problems existing in Buncombe County.

Very truly yours,

Lillian K. Kaghan, President
(Mrs. Walter S. Kaghan)

February 26, 1973

The Honorable Herschel S. Harkins
North Carolina House of Representatives
State Legislative Building
Room 2220
Raleigh, North Carolina 27602

Dear Mr. Harkins:

In compliance with your request concerning the status of solid waste management in Buncombe County and the City of Asheville, I have prepared the following information that I hope will be of value to you.

D. J. H.
Buncombe County was one of the first counties to provide a county-wide disposal system that was available for use by both contract haulers and individuals. The officials are to be commended for this action but due to lack of criteria and regulations, the selection of disposal sites was rather poor and located in areas that would not meet our present requirements. The disposal sites were not planned in order to utilize them efficiently and in most cases, operational procedures were very poor due in part to the lack of adequate equipment.

The City of Asheville has for many years operated sanitary landfills that were considered above the average operation; however, the operation would not meet the present requirements of the rules and regulations of the State Board of Health. The City is now preparing to move to a new operational site on their own property and plans are being prepared in accordance with the requirements of the State Board of Health. The new site will be operated in full compliance with regulations. The area that is now being used by the City of Asheville will be closed in accordance with the requirements for closing the disposal facility.

The Buncombe County Board of Commissioners has requested that this agency prepare a solid waste management program that will provide the county with adequate collection and disposal facilities. In accordance with this request, two proposals were prepared and presented to the Board on February 5, 1973. One of these proposals was prepared that would

The Honorable Herschel S. Harkins

Page 2

February 26, 1973

provide a complete solid waste management program for Buncombe County but excluded the City of Asheville and the second proposal was prepared to serve the entire county including the City of Asheville. I am attaching a copy of both of these plans.

The county has appropriated adequate operational funds that should provide a solid waste management program that would be in compliance with our regulations. While operational funds appear adequate, it will be necessary that additional funds be appropriated for the purchase of new and additional necessary equipment. It is our opinion that the appropriated funds were not used in such a manner as to effectively establish the solid waste management program.

Briefly, the regulations require that all old disposal sites will have to be closed in accordance with the regulations or converted into approved sanitary landfill operations by July 1, 1974. Any new sites that are developed will have to be approved by the State Board of Health and meet all of our requirements before becoming operational.

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

Very truly yours,

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

SHU:bm
Attachments

~~Mr Staton~~

Mr Usry

ENGINEERING
DIVISION

How gracious! Even when

pleased so few take trouble
to write congratulations!

Ja ke
2/28/73

Buncombe
LRC

League of Women Voters of North Carolina
Environmental Quality Chairman

MRS. D. GORDON SHARP
307 GRANVILLE ROAD
CHAPEL HILL, N. C. 27514

1973

February 14, 1973

Mr. Sidney H. Usry, Chief
Solid Waste and Vector Control Section
Sanitary Engineering Division
N. C. Dept. of Human Resources
P. O. Box 2091, Raleigh, 27602

Dear Mr. Usry,

Congratulations and thank you for your prompt and efficient action on the disposal area in Buncombe County about which I contacted the "hot line" earlier in the month.

Both the "Hot line" acknowledgement and your own correspondence are models of governmental concern and efficiency which warm the heart of any citizen dedicated to better government services and personnel.

Happy Valentine's Day ! And keep up the good work.

Sincerely,

Jane Sharp

(Mrs. D. G. Sharp)

RECEIVED

FEB 14 1973

SANITARY ENGINEERING
DIVISION

Buncombe
SM

February 7, 1973

Mrs. Jane Sharpe
League of Women Voters
307 Granville Road
Chapel Hill, North Carolina 27514

Re: Pollution Help Line Report No. 1036

Dear Mrs. Sharpe:

Mr. O. W. Strickland, Program Chief, Solid Waste Management Program, investigated the disposal area in Buncombe County on his visit to Asheville on February 5, 1973. He informed me that the disposal site had been closed and plans have been made for the proper covering and compaction of the solid waste that has been placed there. This site will no longer be used and its closure will be in accordance with the requirements of our regulations.

I appreciate your interest and concern in this matter and if I can provide you additional information or assistance, I shall appreciate hearing from you.

Very truly yours,

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

SHU:bn
cc: Mrs. W. S. Kagan

Buncombe
NR

February 1, 1973

Mrs. Jane Sharpe
League of Women Voters
307 Granville Road
Chapel Hill, North Carolina 27514

Re: Pollution Help Line Report No. 1030

Dear Mrs. Sharpe:

Your call to the Department of Natural and Economic Resources has been referred to me for reply.

I am aware of the problem described and plans are now being made to provide Buncombe County with a solid waste management program that should alleviate the problem of improper disposal.

Mr. O. W. Strickland, Program Chief, Solid Waste Management Program, will be in Asheville on Monday, February 5, 1973, and will investigate the conditions described and prepare a report of his findings and recommendations. I shall be glad to provide you and Mrs. W. G. Pughan with a copy of this report.

Very truly yours,

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

SHH:bn

cc: Mrs. W. G. Pughan
Mr. O. W. Strickland
Mrs. Jackie Hill

MM-Wang

IN REPLYING REFER TO: NO. 1036

POLLUTION HELP LINE REPORT

DEPARTMENT OF NATURAL AND ECONOMIC RESOURCES

DATE: 1-26 19 73

TIME: _____ AM
PM

NAME OF CALLER: Mrs. Jane Sharpe

ADDRESS: League of Women Voters, 307 Granville Rd.
Street P.O. Box
Chapel Hill, N.C. 27514
City Zip

TELEPHONE NUMBER: 942-1080

RECEIVED

POINT OF POLLUTION: _____ JAN 31 1973

SANITARY ENGINEERING
DIVISION

SOURCE OF POLLUTION: _____

NATURE OF CALL: Mrs. Sharpe received a letter from Mrs. Kaghon in Asheville who is also a member of the League and Mrs. Kaghon writes of her concern regarding waste being discharged into the river by Gerber Food Company. It seems that a land fill which was being used by the company was not being properly cared for and covered as required by law. In this connection, the owners of the land fill cancelled the lease and now, apparently, the the waste is getting into the river. Mrs. Sharpe asked that this matter be investigated and send a copy of the investigation report to her and also to Mrs. M. S. Kaghon, 165 Windsor Rd., Asheville, N.C. 28804.

REPORT REFERRED TO: Wastewater, Sanitary Engng. Div., State Board of Health

IMMEDIATE ACTION TAKEN: _____

SIGNED Judie Hall

S. H. [Signature]

Region IV
1421 Peachtree Street N. E.
Atlanta, Georgia 30309

[Signature]

November 18, 1971

Mr. G. Gordon Greenwood
Director, Asheville Jaycees
City Hall Building
Asheville, N. C. 28801

Dear Mr. Greenwood:

Please excuse the delay in answering your October 25 letter. Enclosed you will find information about grants administered by the Office of Solid Waste Management Programs.

Section 207 (a) (3) provides authorization to develop "proposals for projects to be carried out pursuant to Section 208" of Public Law 91-512. The Office of Solid Waste Management Programs does not plan to support projects to develop Section 208 proposals that are not based upon comprehensive solid waste management plans that indicate the necessary strategies to implement these plans. In order for an applicant to be considered eligible for support under Section 207 to develop a Section 208 proposal they must have:

1. developed a comprehensive solid waste management plan for their jurisdiction;
2. evaluated alternatives to implement their plan;
3. selected strategies that support the request to develop a Section 208 proposal.

The present emphasis on funding in Section 208 is resource recovery. Therefore, to include in a Section 207 project support for developing a Section 208 proposal implies preselection of the alternative and resource recovery. This is contrary to the basic concepts of good planning principals. Therefore, we do not plan to support projects that preconceive a strategy merely to qualify for a Section 208 resource recovery grant. Any application for a Section 207 grant should not include support to develop a Section 208 proposal. For the present, the development of Section 208 proposals will be supported by a separate grant following the completion of the basic comprehensive solid waste management plan. The comprehensive plan need not have been developed under a Section 207 support in order to be considered.

For Section 207 local and regional planning grants only \$1.3 million have been allocated for this fiscal year. This amount of money can only support a very few such grants on a national basis.

Mr. G. Gordon Greenwood

- 2 -

November 18, 1971

You should read the enclosed material, especially the parts which pertain to eligible applicants.

If this office can be of further assistance please do not hesitate to contact me.

Sincerely yours,

Elmer G. Cleveland
Regional Director
Office of Solid Waste Management Programs

CC: Mr. Sidney H. Usry



Asheville Jaycees

CITY HALL BUILDING © ASHEVILLE, N. C. 28801 © AREA CODE 704 253-5643
October 25, 1971

YOUNG MEN IN ACTION

Mr. Elmer G. Cleveland
EPA Region IV
Suite 300
1421 Peachtree Street, N.E.
Atlanta, Georgia 30309

Dear Mr. Cleveland:

The Asheville Jaycees are interested in seeing a solid waste recycling plant constructed in the Asheville-Buncombe County area. We envision this facility serving a five county area in Western North Carolina.

Our organization has written Senator ~~B. Everett Jordan~~ and has been advised that assistance is available for a feasibility study for our project under Section 207 of Public Law 89-272 as amended by P.L. 91-152.

Since this type of program is administered by the Office of Solid Waste Management Programs within your Agency, we seek advice as to what steps should be taken in applying for this assistance.

The Jaycees feel that a recycling facility is greatly needed for this area and that it is quite feasible in that located within this area are a glass bottle manufacturer, several paper producers, and several scrap metal dealers.

Whatever assistance and information you can provide our organization will be greatly appreciated. I thank you for your time and look forward to hearing from you.

Very truly yours,

G. Gordon Greenwood
Director

GGG:lbn

*N = only
comp.
plan*

November 17, 1972

Mr. Gordon H. Greenwood, Chairman
Board of County Commissioners
Duncombe County Courthouse
Asheville, North Carolina 28607

dlr
Dear Mr. Greenwood:

A plan for solid waste management in Duncombe County has been prepared as requested in your letter of July 12, 1972.

This office is prepared to present the plan to the county commissioners and any others that you would like present.

Please give us at least two dates that would be convenient for you so we may arrange our plans in accordance.

Sincerely,

O. W. Serletland, Supervisor
Solid Waste Management
Solid Waste & Vector Control Section
Sanitary Engineering Division

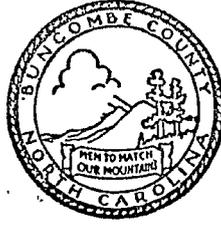
O:scif

cc: Mr. J. H. Fulp, Sr.
Lr. H. H. Stevens
Mr. Charles D. Williams

GORDON H. GREENWOOD
CHAIRMAN AND COMMISSIONER OF FINANCE

ROY M. TRANTHAM
COMMISSIONER

JOHN N. DANIEL
COMMISSIONER



COURTHOUSE
ASHEVILLE, N. C. 28807

July 12, 1972

Mr. Sidney H. Usry, Chief
Solid Waste and Vector Control Section
Division of Sanitary Engineering
North Carolina State Board of Health
Post Office Box 2091
Raleigh, North Carolina · 27602

Dear Mr. Usry:

Buncombe County would like to comply with the rules and regulations recently enacted by the North Carolina State General Assembly and conform with the guidelines of the North Carolina State Board of Health.

Please consider this a letter of intent. We request that you allow us to continue our landfill operations until a suitable plan can be implemented, approved by the North Carolina State Board of Health. We hope to conform with the State Rules and Regulations by July 1, 1973. In the interim, we want to request from your offices that you present a plan of operation for solid waste management in Buncombe County. We will be deeply appreciative of your consultation and help in the field of solid waste control.

Your Buncombe County health Department will assist you in the planning operation, survey, and future implementation of solid waste management.

Looking forward to hearing from you at your earliest convenience,
I remain,

Sincerely yours,

Gordon H. Greenwood, Chairman
Board of County Commissioners

GHG/w

RECEIVED

JUL 14 1972

SANITARY ENGINEERING
DIVISION

Community Solid Waste Practices
LAND DISPOSAL SITE MODIFICATION REPORT

Mailed

1. STATE <i>N.C.</i>	2. COUNTY <i>BUNCOMBE</i>	3. SITE LOCATION (POLITICAL JURISDICTION) <i>WEAVERVILLE</i>
4. NAME OF SITE <i>WEAVERVILLE LANDFILL</i>	5. ADDRESS OF SITE <i>1.5 MI. S.W. WEAVERVILLE</i>	6. DATE OF REPORT DAY: <i>29</i> MONTH: <i>9</i> YEAR: <i>72</i>
7. NAME OF PERSON COMPLETING FORM <i>T.N. FULP, SR.</i>	8. TITLE <i>Dist. Spn.</i>	9. ORGANIZATION AND ADDRESS <i>N.C. S/B.H</i>

10. Original Land Disposal Site Problems (check appropriate categories)

Burning Water Pollution Lack of Daily Cover

11. Site Has Been (check A or B and appropriate actions completed)

A Eliminated and;

- Rats Eradicated
- Burning Stopped
- Water Pollution Corrected
- Access Prohibited
- Site Covered
- Other _____ (Specify)

B Converted to Sanitary Landfill and;

- Rats Eradicated
- Burning Stopped
- Water Pollution Corrected
- Daily Cover Practiced
- Other _____ (Specify)

12. Reason for Modification (check one)

Law Operation Completed Other *USING NEW WEAVERVILLE* (Specify)

13. Date Modification Completed
Day: *1* Month: *5* Year: *72*

14. Waste Formerly Hauled to the Eliminated Site Now Being Hauled to:

County	Site Location	Name of Site	Address	Tons or Percent
<i>BUNCOMBE</i>	<i>WEAVERVILLE</i>	<i>WEAVERVILLE LANDFILL</i>	<i>1.5 MI. S.W. WEAVERVILLE</i>	<i>100%</i> <i>5750 Tons</i>
B				
C				
D				
E				

RECEIVED
OCT 11 1972

* SAME LOCATION - NEW SITE

July 29, 1972

Mr. Gordon H. Greenwood, Chairman
Board of County Commissioners
Buncombe County
Courtthouse *JR*
Asheville, North Carolina 28807

Dear Mr. Greenwood:

I would like to take this opportunity to express my appreciation to you for the courtesies shown the members of my staff on their recent visit to Asheville.

I have discussed with Mr. O. W. Strickland, Supervisor, Solid Waste Management, the proposal for a county-wide solid waste management program for Buncombe County as discussed with you. This is to confirm his planned visit to Buncombe County during September in order to acquire additional information for the preparation of this plan. After this plan has been completed, I will notify you in order that you may arrange a time that is convenient for the presentation of this program for Buncombe County.

Very truly yours,

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

SHU:bm

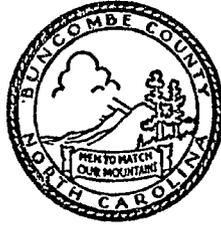
cc: Dr. H. U. Stevens
Mr. J. N. Fulp, Sr.

Usry

GORDON H. GREENWOOD
CHAIRMAN AND COMMISSIONER OF FINANCE

ROY M. TRANTHAM
COMMISSIONER

JOHN N. DANIEL
COMMISSIONER



July 12, 1972

COURTHOUSE
ASHEVILLE, N. C. 28807

RECEIVED

JUL 14 1972

SANITARY ENGINEERING
DIVISION

Mr. Sidney H. Usry, Chief
Solid Waste and Vector Control Section
Division of Sanitary Engineering
North Carolina State Board of Health
Post Office Box 2091
Raleigh, North Carolina 27602

Dear Mr. Usry:

Buncombe County would like to comply with the rules and regulations recently enacted by the North Carolina State General Assembly and conform with the guidelines of the North Carolina State Board of Health.

Please consider this a letter of intent. We request that you allow us to continue our landfill operations until a suitable plan can be implemented, approved by the North Carolina State Board of Health. We hope to conform with the State Rules and Regulations by July 1, 1973. In the interim, we want to request from your offices that you present a plan of operation for solid waste management in Buncombe County. We will be deeply appreciative of your consultation and help in the field of solid waste control.

Your Buncombe County health Department will assist you in the planning operation, survey, and future implementation of solid waste management.

Looking forward to hearing from you at your earliest convenience, I remain,

Sincerely yours,

Gordon H. Greenwood, Chairman
Board of County Commissioners

GHG/w

Burroughs
JRK

July 10, 1972

Mr. H. G. Burrell
Route 1, Box 429
Candler, North Carolina 28715

Dear Mr. Burrell:

Your letter of June 26, 1972, to Governor Scott has been referred to this office for reply.

I am sending a copy of your letter to Mr. J. N. Fulp, Sr., District Sanitarian, with the request that on his next visit to the area that he contact you and investigate the conditions described.

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

Very truly yours,

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

SHU:bm

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

Buncombe
ljk

June 14, 1972

Mr. Gordon H. Greenwood
County Manager
Buncombe County
Asheville, North Carolina

Dear Mr. Greenwood:

It was nice to visit your county on June 8, 1972. Mr. Perkins and I discussed solid waste management in Buncombe County with Mr. Williams and Mr. Griggs. Mr. Griggs took us on a tour of two of your county sites. I was very impressed with the fine work Mr. Griggs is doing in the roadside clean-up program. The County of Buncombe is to be congratulated on being one of the first counties in North Carolina to provide some type of solid waste management program.

I would like to express my appreciation to you for scheduling a conference at the Buncombe County Health Department, 10:00 A. M. on July 11, 1972 so we could discuss your solid waste management program. I am looking forward to this conference, hoping that we can provide you with some ideas and information that will help as you continue to work toward a cleaner Buncombe County.

Sincerely yours,

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

OWS:jp

cc: Dr. H. W. Stevens
Mr. Charles Williams
Mr. J. N. Fulp

Buncombe
son

June 13, 1972

Mr. Philip C. Coche, Jr.
Director of Public Works
P. O. Box 7143
Asheville, North Carolina 28907

Dear Mr. Coche:

I would like to express my appreciation to you for taking time from a busy schedule to talk with Mr. Perkins and Mr. Strickland of my staff. I regret that there was a misunderstanding in the schedule and they did not get to talk with Mr. Mellens.

After meeting with you, Mr. Perkins and Mr. Strickland visited your landfill site and observed a number of operational items that they would like to discuss with you on their next visit to Asheville along with a plan of operation as required by the N. C. State Board of Health regulations. In their opinion the equipment seems to be adequate and the site is suitable for sanitary landfill operations.

Mr. Strickland plans to be in the Asheville area July 11, 1972 for a meeting that morning and if he would be convenient with you and Mr. Mellens, he would like to meet with you in the afternoon of this date.

Very truly yours,

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

SHU:aj

cc: Mr. J. H. Fulp, District Sanitarian
Mr. Charlie Williams, Sanitation Supervisor, Buncombe Co. Health Dept.
Mr. H. W. Stevens, Health Director, Buncombe County
Mr. Edin C. Hoston, III, City Manager, Asheville
Mr. G. L. Mellens, Jr., Sanitation Inspr., City of Asheville

Buzzone
JTR

May 3, 1972

Mr. S. L. McHone, Jr.
Superintendent
Sanitary Department
City of Asheville
Asheville, North Carolina

Dear Mr. McHone:

Reference is made to your letter of April 26, 1972, regarding requirements of the State Board of Health regulations for sanitary landfill operations. I have discussed this request with members of my staff and we do not have sufficient information regarding the present status of your operation to make such a decision. Accordingly, I am requesting that a member of my staff visit Asheville to evaluate the status of the operation and to discuss with you the requirements necessary to meet State regulations. You will be notified of the proposed visit.

Very truly yours,

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

SHU:bm

cc: Mr. Phin E. Horton, III
Mr. J. H. Fulp, Sr.



CITY OF ASHEVILLE
ASHEVILLE
NORTH CAROLINA

PUBLIC WORKS DEPARTMENT

April 26, 1972



Mr. Jacob Koomen, Director
State Board of Health
Raleigh, North Carolina

RECEIVED

Dear Mr. Koomen:

APR 26 1972

I would like to request an extension on the report which is to be turned into your office on all the landfills operating within the state.

SANITARY ENGINEERING
DIVISION

I will be attending a one-day school on May 19, 1972 on landfills and state regulations which I feel will be a help in gathering the data necessary for this report.

Our maps and surveys have been completed. Road qualifications, directions and landfill hour rules have all been met and ready for inspection by a representative of your department.

Other requested data I hope to have complete by September 15, 1972.

Very truly yours,

S. L. McHone, Jr.
S. L. McHone, Jr.
Superintendent
Sanitary Department

SLMcHJr:m

*Buncombe
OK*

April 6, 1972

Mr. William H. Arlen
Route 2, Box 618
Asheville, North Carolina 28805

Dear Mr. Arlen:

I have inquired of the various state agencies regarding their authority in the matter of erosion control from construction projects. At the present time, there is no direct statutory authority assigned to a state agency.

I have discussed this problem with Mr. Elmer Graham, Soil Conservation Service, U.S.D.A., and he informs me that they have no statutory authority for erosion control but are interested in being of assistance where possible. He suggested that you contact their representative, Mr. Ormand C. Williams, Soil Conservation Service, Box 7177, Asheville, and that he felt sure Mr. Williams would assist you in any way possible.

I am returning your photographs and if this office can provide additional information or assistance, I shall appreciate hearing from you.

Very truly yours,

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

SHU:jp

Enclosures

cc: Mr. Ormand C. Williams

Refer:

Mr. Ormond C. Williams

Box 7177

Office of Solid Waste Management Programs *Asheville, N.C. 28807*

March 16, 1972

Mr. William H. Arlen
Route 2, Box 618
Asheville, North Carolina 28805

Dear Mr. Arlen:

Mr. Jack E. Ravan, Regional Administrator for the Environmental Protection Agency has asked me to reply to your letter of March 12, 1972.

The description of conditions existing due to the construction explained in your letter do not appear to fall under the jurisdiction of the Federal Government. The Federal Housing Authority loans you refer to are actually underwritings of the loans to lending agencies.

The authority to control the erosion from the project rests with the State or local agency of government. Therefore, I am forwarding your letter to the State Solid Waste Program:

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

Mr. Usry will follow up on your request at the State level and the control agency should be in contact with you in the near future.

If this office can be of further assistance, please do not hesitate to contact us.

Sincerely yours,

Elmer G. Cleveland
Regional Director
Office of Solid Waste Management Programs

cc: S. Usry w/incoming ltr
F. Reed w/incoming ltr

Mr. Rowan

March 12, 1972

I have a problem that I hope you can help me with. It involves the use of Federal money to finance a project that is causing pollution. The story is this. I own a home & lot in Buncombe County, just outside Asheville, N.C. Just east of me, across a state road, L S & M Building Contractors, Inc., is putting up some homes. They have cleared all the vegetation off of the slope where the homes are being built. This is in a small river valley. A drainage system has been set up to handle the water from the housing area. The problem arises whenever a heavy downpour occurs. Silt and debris from the new construction clog up a culvert at the base of the slope. This causes the water, silt and debris to flow over the state road and through my property as it runs down to the stream. As the water subsides, silt and debris is deposited on my land. This happened on 3/2 and about 3 months previous to this time.

I have contacted the builder and he refuses to do anything. The state highway dept. is responsible for the culvert that plugs up, but all they have done

o; for is to unplug the culvert after the 2 heavy
rains. I

I have checked out this housing project and find that
it is financed with Federal Housing Authority money. The
six houses being built are financed under the following
loan numbers.

381 110 327 203	Lot 17
381 110 445 203	Lot 16 B
381 110 444 203	Lot 15
381-110-323 203	Lot 13 B
381-114 999 203	Lot 12
381 114 997 203	Lot 10

In normal rains, when the drainage systems work,
silt and debris from this area flow into the stream
in this small valley. The enclosed photos, taken
March 4, show the situation on my land.

I would appreciate any help you can give me. Until
the builders ~~do~~ complete the houses and graze the
area, which may be the summer of 1973, I will continue
to be the victim of his pollution.

Very truly yours,
William N. Aiken
Route 2, Box 618
Asheville, N.C. 28805



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

REGIONAL OFFICE
1008 HIGHWAY 321 WEST
HICKORY, NORTH CAROLINA 28601

February 25, 1972

Mr. Gordon Greenwood, Chairman
Buncombe County Commissioners
Asheville, North Carolina 28807

Dear Mr. Greenwood:

Subject: Inspection of Refuse Disposal Sites

On Wednesday, February 23, 1972, I made an inspection of the refuse disposal sites in Buncombe County with Mr. Ernst Gregg.

We visited the sites at Grovestone, Fishburne, Candler and Weaverville and found them in the following condition:

1. Grovestone - Present site being phased out - It is recommended the site be closed to the public and all users for two weeks and rat baited daily before final cover of earth be placed over it.

The proposed new site could not be reached due to the impassable roads, but a plan should be made on this operation as outlined in N. C. State Board of Health Bulletin #411 entitled, "Rules and Regulations Providing Standards for Solid Waste Disposal", Section IX, Page 12.

2. Fishburne Disposal - This site is receiving quantities of food products from the Gerber Plant in a wet state that is adding to the liquid waste in the site in such great quantities that leaching is occurring through the earthen dyke and causing stream pollution. Recommend this waste be barred from the site in liquid state and only in bailed dry state. This responsibility being the plants, there is a possibility they can treat this waste by a compressor and/or an incinerator before bringing it to the landfill. The present site needs more compaction, dyking and covering.

The new land site on this property needs the construction of an all weather road, operation plans drawn and submitted as outlined in State Board of Health Bulletin #411 entitled, "Rules and Regulations Providing Standards for Solid Waste Disposal", Section IX, Page 12. Using the area landfill method by creating an earth dyke at low end of the site 10' high. At the rear, a 30° slope should be constructed on the side facing the hill - refuse to be placed on face of the dyke compacted and cover dirt placed on compacted refuse daily. The water from the stream to be placed in a culvert and have 6' of dirt packed over it.

Mr. Gordon Greenwood

Page 2

February 25, 1972

3. Candler Site - This site is being covered occasionally - Daily covering is required and site should have plans submitted as stated above following recommendations in State Board of Health Bulletin #411.

4. The Weaverville Site use is near its end as cover dirt is no longer available. Before closing and covering, bar use of it, rat bait for two weeks and then cover with dirt.

The needs in Buncombe County are:

1. An overall plan for the entire county is needed. This plan would recommend the number of sites needed, equipment needs, number of containers (4 cu. yds.) needed in isolated areas not being served now by contract refuse haulers. This plan can be obtain by you (at no cost to the county), by myself and other members of the Sanitary Engineering Division. This plan will meet the approval of any available grants and/or loans should the county so desire assistance with financing.

It is has been found that one or two large landfills with adequate equipment is more economical to operate than 3, 4, 5 or up to 7 sites.

The type of equipment that will do the job will be recommended if so desired. The small equipment will not do the job. Front end loaders, bulldozers will not compact properly, hence reduction in volume is not secured and costly land is used up quickly. Approximately 1200# to the cubic yard is obtained by compaction, whereas only 300' to the cubic yard where not compacted.

I found Mr. Gregg's interest in his job to be exceptionally good. But in order for him to do the job that is needed, he needs a workable plan and adequate machinery.

I would be glad to appear before your Board with a member of the Local Health Department and discuss the solid waste problem in your county at a regular or called meeting if you will advise me in advance.

Sincerely,

J. N. Fulp, Sr.

J. N. Fulp, Sr.
District Sanitarian
N. C. State Board of Health
Wilkesboro, N. C. 28697

/lms

Enclosure

cc: Dr. H. W. Stevens, Director, Buncombe County Health Department
Mr. R. W. Brown, Sanitation Supervisor, Buncombe County
Mr. Ernst Gregg, Solid Waste Manager, Buncombe County

OFFICE MEMORANDUM

(NORTH CAROLINA STATE BOARD OF HEALTH)

Buncombe
JLR

SOLID WASTE ENGINEERING J-25-72 DATE

TO: MR USRY

FROM: J. FULP

RE: BUNCOMBE COUNTY S. WASTE

CONF. WITH H. STEVENS & BOB BROWN AT LENGTH
2-14 RE. BUNCOMBE Co. COM. (2) AND THEIR TRYING TO MAKE
POLITICAL "HAY" OVER S. WASTE PLAN - ALSO THEIR
DIRECTION TO ERNEST GREGG EMPLOYED BY H-DEPT. IN
RUNNING THE SOLID W. PROGRAM.

I WAS REQ. TO RUN A SURVEY & PRESENT IT TO CHM.
OF Co. COM - THIS I DID 2-25- AND COMPOSED LTR TO CHM.
THE TWO MAVERICK COM. SAY IF THE STATE WANTS

TO RUN THE S. WASTE PROGRAM - FOR THE
FINANCING ETC. TO DO SO - ETC., ETC.

HAM & BOB MIGHT HAVE TOLD YOU THE STORY

WHEN THEY CAME TO RAL. FEB. 26TH - 115

A SITUATION - POLITICS HAS GOT INTO ~~THE~~
COUNTY AFTER COUNTY - USING S. WASTE PROBLEM
TO CANDIDATES ADVANTAGE -

THE COUNTY HAS MONEY FROM .01 SALES TAX - THEY
HAVE POOR EQUIPMENT TO HANDLE THEIR LARGE AMT. OF
S. WASTE - THE CITY OF ASHEVILLE - COOPERATES WITH NO ONE -
HOPE THIS WILL GIVE YOU A LITTLE INFO. ON THE SITUATION

Jim

NORTH CAROLINA
STATE BOARD OF HEALTH
REGIONAL OFFICE
HICKORY

February 25, 1972

Mr. Gordon Greenwood, Chairman
Buncombe County Commissioners
Asheville, North Carolina 28807

Dear Mr. Greenwood:

Subject: Inspection of Refuse Disposal Sites

On Wednesday, February 23, 1972, I made an inspection of the refuse disposal sites in Buncombe County with Mr. Ernst Gregg.

We visited the sites at Grovestone, Fishburne, Candler and Weaverville and found them in the following condition:

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Mr. Gordon Greenwood

Page 2

February 25, 1972

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The type of equipment that will do the job will be recommended if so desired. The small equipment will not do the job. Front end loaders, bulldozers will not compact properly, hence reduction in volume is not secured and costly land is used up quickly. Approximately 1200# to the cubic yard is obtained by compaction, whereas only 300' to the cubic yard where not compacted.

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I would be glad to appear before your Board with a member of the Local Health Department and discuss the solid waste problem in your county at a regular or called meeting if you will advise me in advance.

Sincerely,

J. N. Fulp, Sr.
District Sanitarian
N. C. State Board of Health
Wilkesboro, N. C. 28697

/lms

Enclosure - BULL. 411 To MR. GREENWOOD

cc: Dr. H. W. Stevens, Director, Buncombe County Health Department
Mr. R. W. Brown, Sanitation Supervisor, Buncombe County
Mr. Ernst Gregg, Solid Waste Manager, Buncombe County

✓ MR. L. SRY

*Burcombe
LVR*

January 21, 1972

Mr. Phillip Carson
Post Office Box 7246
Asheville, North Carolina 28807

Dear Mr. Carson:

Reference is made to our telephone conversation regarding the proposed site for sanitary landfill in Haywood County. I am enclosing a copy of the North Carolina State Board of Health "Rules and Regulations Providing Standards for Solid Waste Disposal" as requested to provide you with information that is required for site approval. It can be seen that these regulations are very specific as to the information and data required for approval by this agency.

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

Very truly yours,

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

SHU:bm
Enclosure

Buncombe
JHR

October 28, 1971

Mr. G. Gordon Greenwood
Director
Asheville Jaycees
City Hall Building
Asheville, North Carolina 28801

Dear Mr. Greenwood:

I appreciate your interest in the development of a solid waste recycling plant in the Asheville-Buncombe County area and I am sure that this area has great potential for the development for such a facility.

The Environmental Protection Agency does have a requirement that any project funded under Public Law 89-272 must be consistent with the North Carolina comprehensive solid waste management plan. This plan is being developed by this agency in order to meet this requirement for Federal assistance. The plan will include information and recommendations regarding the proposed establishment of recycling facilities within the State.

The recycling of much of the solid waste that is generated is felt to be a necessity in order to salvage much of the reusable material that is now a throw-away item. As you are aware, there has been much publicity from the manufacturing industry regarding their desire to receive and reprocess glass, paper, and scrap metal. However, it is our opinion that much work needs to be done in order to establish an effective system that will make these materials readily available in quantities large enough for these industries to construct adequate facilities for the reprocessing. There have been numerous suggestions as to procedures for the collection of these items but I feel that the salvage operation should occur at the point of disposal rather than by selective methods on a small community basis. I heartily endorse your interest in the establishment of a recycling facility and will be glad to provide you with any assistance and information regarding this proposal.

Very truly yours,

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

SHU:bm



asheville Jaycees

CITY HALL BUILDING • ASHEVILLE, N. C. 28801 • AREA CODE 704 253-5643

October 25, 1971

YOUNG MEN IN ACTION

RECEIVED

OCT 26 1971

SANITARY ENGINEERING
DIVISION

Mr. Sidney H. Usry
Sanitary Engineering Division
State Board of Health
Raleigh, N. C. 27602

Dear Mr. Usry:

The Asheville Jaycees are interested in seeing a solid waste recycling plant constructed in the Asheville-Buncombe County area. We envision this facility serving a five county area in Western North Carolina.

Our organization has written Senator B. Everett Jordan and has been advised to contact Mr. Elmer G. Cleveland of the Environmental Protection Agency in Atlanta concerning assistance for a feasibility study on a recycling plant.

Senator Jordan also advised us that any project funded under Section 207 of Public Law 89-272 as amended by P.L. 91-152 must be consistent with the State of North Carolina's comprehensive solid waste management plan. Our organization would appreciate any advice and information that you may have concerning our project.

The Jaycees feel that a recycling facility is greatly needed for this area and that it is quite feasible in that located within this area are a glass bottle manufacturer, several paper producers, and several scrap metal dealers.

Our organization thanks you for any help that you may give and we look forward to hearing from you.

Very truly yours,

G. Gordon Greenwood
Director

GGG:lbn

May 13, 1971

Mr. K. M. Michalove
Executive Director
← Buncombe County Planning Council
Room 606, City Building
Asheville, North Carolina 28801

JWR
Dear Mr. Michalove:

Reference is made to your letter dated April 27, 1971.

The Solid Waste and Vector Control Section has been involved in planning for solid waste management in some eighty counties in North Carolina. It is our recommendation that house-to-house collection in unincorporated areas, where it is economically feasible, be left to private collectors. Private collectors can be regulated by the County Commissioners under authority stated in G.S. 153-272 through G.S. 153-275, a copy of which is enclosed.

The new North Carolina State Board of Health "Rules and Regulations Providing Standards for Solid Waste Disposal" also covers some of the requirements for solid waste collectors. (copy enclosed)

I would recommend that you contact Mr. Robert W. Brown, R. S., of your local health department, as they have been working with the local collectors for a number of years.

Sincerely yours,

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

Enclosures
OWS:djg

BUNCOMBE COUNTY PLANNING COUNCIL

ROOM 606, CITY BUILDING
ASHEVILLE, NORTH CAROLINA
28801

April 27, 1971

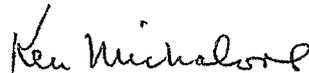
Mr. William Strickland
Program Coordinator
Solid Waste and Vector Control Division
State Board of Health
Cooper Memorial Building
Raleigh, North Carolina 27602

Dear Mr. Strickland:

We have approximately twenty-five private refuse haulers serving the residents of Buncombe County. At present anyone can go into business in any part of the county as long as they obtain a license. To protect the haulers and to better serve the residents, we feel that routes should be established and specific territories should be outlined.

The Institute of Government has informed us that you have worked with most of the counties that have developed a system for handling this. We would appreciate any information and assistance that you can provide that would help us set up a system. I am sure, by your wide experience, that you can save us a considerable amount of time and trouble.

Very truly yours,



K. M. Michalove
Executive Director

KMM:rc

EX-100-111-111

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

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

November, 1972

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 areas 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.

SECTION II - Legal Aspects

Authority to Regulate

State Board of Health

"Rules and Regulations Providing Standards for Solid Waste Disposal" adopted by the North Carolina State Board of Health as directed by Article 13B of Chapter 130 of the General Statutes shall be used as minimum standards for solid waste management.

Local Board of Health

County or district boards of health may adopt more stringent regulations as provided by General Statute 130-17.

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 Present Solid Waste Management Program
in
Buncombe County

Buncombe County: Total Population - 145,056
City of Asheville - 57,681
Area in Square Miles - 645

Storage: There are administrative regulations governing on-site storage of solid waste in Buncombe County. There are areas of the county where these regulations are not enforced. Solid waste is stored on the ground or in unapproved containers, many of which have no lids. This provides ideal conditions for the breeding and feeding of flies, rats, and other pests.

Collection: The municipalities in the county provide house-to-house collection service once or twice per week.

Private collectors provide house-to-house service in the county for a fee. This service is available throughout the county. The percentage of the rural population using this service is unknown.

Disposal: Solid waste that is collected in Buncombe County is placed at six land disposal sites as shown on the enclosed map. Five of these sites are operated by the county and one by the City of Asheville.

The City of Asheville is in the process of upgrading their site to meet the North Carolina State Board of Health "Rules and Regulations Providing Standards for Solid Waste Disposal."

Two of the county sites have equipment on the site at all times. The other three sites are serviced by a piece of equipment once or twice a week.

The overall operation of the sites has over the years been better than the average in North Carolina but will not meet the present standards required for a sanitary landfill.

Lack of planning in site selection and operational procedures have made the present operations very expensive.

The enforcement program in Buncombe County as it relates to vehicles used for solid waste transportation and roadside dumping is very good.

SECTION IV - Recommendations

To upgrade the solid waste management program in Buncombe County so that it will protect the health of the people, improve the county's environment, meet the requirements of the North Carolina State Board of Health "Rules and Regulations Providing Standards for Solid Waste Disposal", and be economically feasible, it is recommended that:

Storage: Solid waste storage be upgraded to meet the standards as set forth in Section IV of the North Carolina State Board of Health "Rules and Regulations Providing Standards for Solid Waste Disposal."

Collection: Solid waste collection within a municipality be the responsibility of the municipality.

Collection may be by municipality owned and operated equipment or by contract with private collectors.

House-to-house collection is available throughout the county by private collectors for a fee. There may be areas in the county where house-to-house collection service is not economically feasible due to low population density. The county may desire to provide some type of a container system to serve these areas. A study and recommendations will be made at a later date provided this program is desired.

All solid waste collectors shall meet the standards as required under Section V of the North Carolina State Board of Health "Rules and Regulations Providing Standards for Solid Waste Disposal."

Disposal: In preparation of recommendations for the disposal of solid waste by sanitary landfill, it is necessary to consider length of haul, volume of solid waste, topography of the area, availability of landfill sites, and cost.

Taking the above stated facts into consideration, it is recommended that these three sanitary landfills, planned and operated in accordance with the North Carolina State Board of Health "Rules and Regulations Providing Standards for Solid Waste Disposal", be used for the disposal of solid waste from all of Buncombe County except the City of Asheville.

The sites should be located in the general vicinity of the location shown on the enclosed map. (SITE LOCATIONS WERE DISCUSSED WITH THE LOCAL HEALTH DEPARTMENT PERSONNEL)

Supervision: It is recommended that the Buncombe County Health Department be the advisory and enforcement agency for the program.

SECTION V - Cost Analysis

The following cost estimates are based on the operation of three (3) sanitary landfills as recommended in Section IV.

SITE 1 - NORTH

It is estimated that this site would receive 25 percent of the solid waste generated.

One (1) site of twenty (20) acres No Cost Estimated on Land
(site size is based on an average fill
depth of 7 feet)

Equipment

One (1) high-lift loader with multi-purpose Bucket, cab and heater (Allis Chalmers HD7G, Caterpillar 755-K, International 175, or equal)	\$ 35,000
Miscellaneous equipment and supplies	3,000

Structure

One (1) structure to house equipment and provide office space	5,000
--	-------

Miscellaneous

Site preparation (access road, gate, signs, etc.)	\$ 6,000
TOTAL	\$ 49,000

SITE 2 - EAST

It is estimated that this site would receive 25 percent of the solid waste generated.

One (1) site of twenty (20) acres (site size is based on an average fill depth of 7 feet)	No Cost Estimated on Land
---	---------------------------

Equipment

One (1) high-lift loader with multi-purpose bucket, cab and heater (Allis Chalmers HD7G, Caterpillar 755-K, International 175, or equal)	\$ 35,000
Miscellaneous equipment and supplies	3,000

Structure

One (1) structure to house equipment and provide office space	5,000
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Miscellaneous

Site preparation (access road, gate, signs, etc.)	\$ 6,000
TOTAL	\$ 49,000

SITE 3 - SOUTHWEST

It is estimated that this site would receive 50 percent of the solid waste generated.

One (1) site of forty (40) acres (site size is based on an average fill depth of 7 feet)	No Cost Estimated on Land
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Equipment

One (1) high-lift loader with multi-purpose bucket, cab and heater (Allis Chalmers HD12G, Caterpillar 977-K, International 250, or equal)	\$ 50,000
One (1) bulldozer (35,000 pounds)	40,000
Miscellaneous equipment	3,000

Structure

One (1) structure to house equipment and provide office space	7,000
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Miscellaneous

Site preparation (access road, gates, signs, etc.)	\$ 10,000
TOTAL	\$110,000

*THE BULLDOZER WOULD BE USED AS BACK-UP AND LAND CLEARANCE EQUIPMENT FOR ALL SITES

ADMINISTRATION

One (1) pickup truck (4-wheel drive)	\$ 4,000
One (1) service truck, equipped	5,000
Legal fees	1,000
Plans @ \$2,000/site	<u>6,000</u>
TOTAL	\$ 16,000

Total Capital Investment (Not Including Land)

Site 1 - North	\$49,000
Site 2 - East	49,000
Site 3 - Southeast	110,000
Administration	<u>16,000</u>
TOTAL	\$224,000

Estimated Annual Operating Cost
(Not Including Equipment Depreciation)

Site 1 - North

One (1) equipment operator	\$ 7,200
One (1) gateman & assistant equipment operator	6,000
Fuel and repairs	5,000
Special earth moving	4,000
Miscellaneous (s.s., ins., etc.)	<u>3,000</u>
TOTAL	\$ 25,200

Site 2 - East

One (1) equipment operator	\$ 7,200
One (1) gateman and assistant equipment operator	6,000
Fuel and repairs	5,000
Special earth moving	4,000
Miscellaneous (s.s., ins., etc.)	<u>3,000</u>
TOTAL	\$ 25,200

Site 3 - Southeast

Two (2) equipment operators @ \$7,200	\$ 14,800
One (1) gateman and assistant operator	6,000
Fuel and repairs	12,000
Special earth moving	8,000
Miscellaneous (s.s., ins., etc.)	<u>6,000</u>
TOTAL	\$ 46,800

Administration

One (1) supervisor of solid waste management	\$ 10,000
One (1) equipment serviceman	8,000
Fuel and repairs (pickup and service truck)	3,600
Part-time secretary	2,000
Miscellaneous (s.s., ins., etc.)	<u>3,000</u>
TOTAL	\$ 26,600

Total Estimated Annual Operating Cost
(Not Including Equipment Depreciation)

Site 1 - North	\$ 25,200
Site 2 - East	25,200
Site 3 - Southeast	46,800
Administration	<u>26,600</u>
TOTAL	\$123,800

SECTION VI - Conclusion

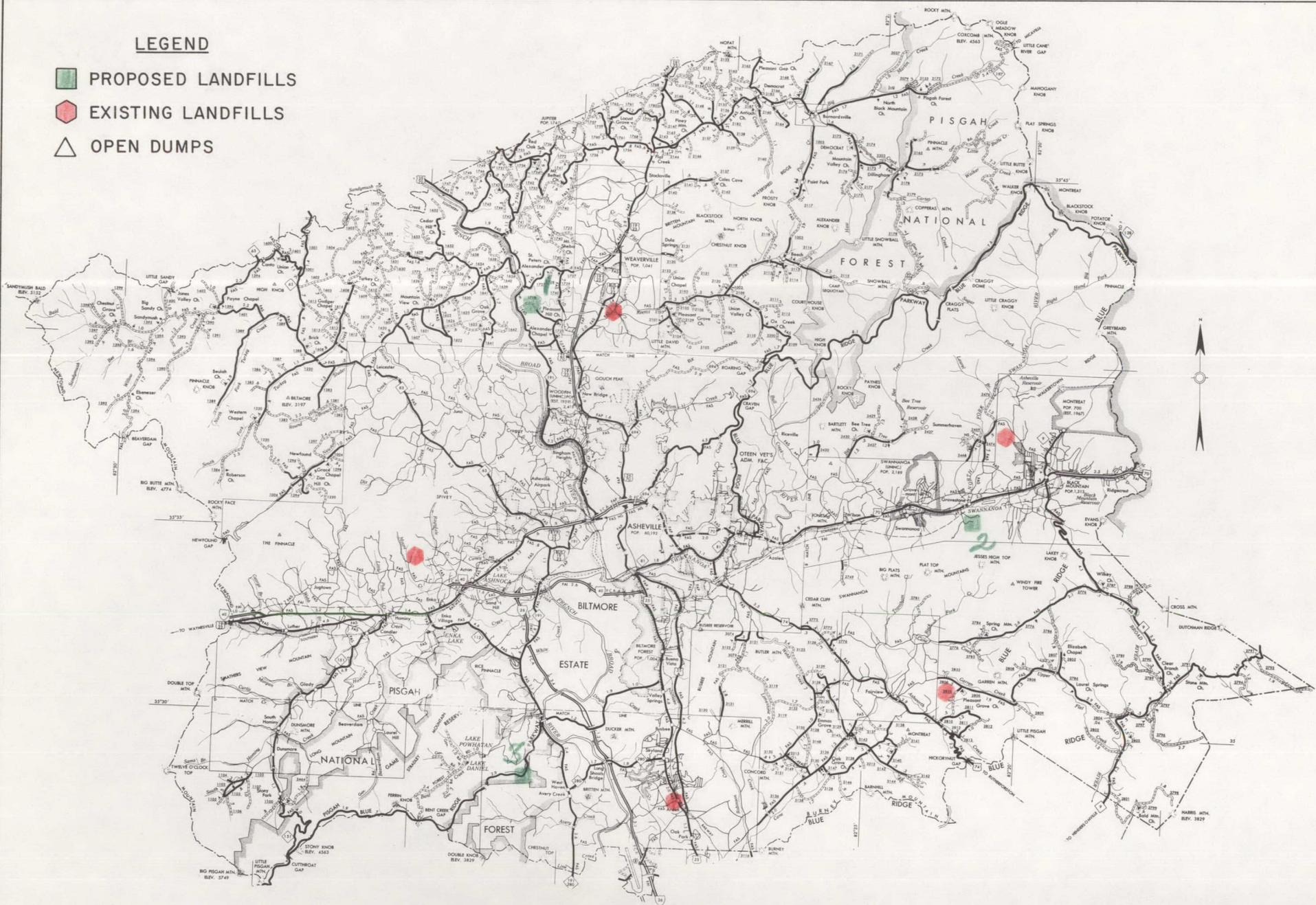
1. The problem of refuse disposal in Buncombe County is due to a number of factors. There are more disposable items on the market today than ever existed in the past as many containers are no longer the returnable and reusable types, but are disposables. The pounds of disposed items per capita per day have doubled over the past decade. Regardless of whether the area of discussion is rural or urban, the disposable items are still the problem, only the quantity changes.
2. The tourist business is one of the largest industries in Buncombe County. It is most important that solid waste be properly managed and not allowed to degrade the beautiful environment that attracts so many visitors.

3. The Solid Waste and Vector 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.

LEGEND

- PROPOSED LANDFILLS
- EXISTING LANDFILLS
- OPEN DUMPS



BUNCOMBE COUNTY
NORTH CAROLINA

LEGEND

- VOTING PRECINCTS
- INC. TOWNS & TOWNSHIP BOUNDARIES
- FIRE DISTRICTS
- 0 SCALE
- STATE HIGHWAY
- U. S. NUMBERED HIGHWAY
- INTERSTATE HIGHWAY
- IMPASSABLE ROAD OR TRAIL
- PRIMITIVE OR UNIMPROVED ROAD
- GRADED OR DRAINED ROAD
- SOIL, GRAVEL OR STONE SURFACED ROAD
- HARD SURFACED ROAD
- DIVIDED HIGHWAY
- 4 LANE UNDIVIDED HIGHWAY

FIRE DEPARTMENTS

- 1 BLACK MOUNTAIN
- 2 WEAVERVILLE
- 3 ENKA
- 4 SWANNANOA
- 5 SKYLAND FIRE DEPT.
- 6 WEST BUNCOMBE
- 7 JUPITER
- 8 BARNARDSVILLE
- 9 WOODFIN
- 10 BEAVERDAM
- 11 FAIRVIEW
- 12 HAW CREEK
- 13 UPPER HOMINY
- 14 LEICESTER
- 15 REEMS CREEK
- 16 RICEVILLE
- 17 A. C. REYNOLDS
- 18 BILTMORE FOREST

1969 OFFICIAL MAP BUNCOMBE COUNTY NORTH CAROLINA



OFFICIAL MAP OF BUNCOMBE COUNTY NORTH CAROLINA 1969

INCLUDING

- NEW ROAD NUMBERS & NAMES
- FIRE DISTRICTS
- VOTING PRECINCTS
- INCORPORATED TOWNS

BOARD OF COMMISSIONERS
GORDON GREENWOOD, CHAIRMAN
ROY TRANTHAM, MEMBER
JOHN DANIEL, MEMBER

