

December 5, 1975

Mr. Robert Frederick Helms  
Moore County Manager  
Administrative Offices  
Carthage, North Carolina 28327

Dear Mr. Helms: *DR*

It was a pleasure to visit with you yesterday and find that we are in much agreement on both the progress and the needs of the solid waste management program in Moore County.

Again I must say I was most impressed with your new 40 cubic yard container sites. I am sure as funds become available you will continue construction until you have provided an adequate number of sites to serve the needs of the County.

To confirm some of our discussion of yesterday, I would like to make the following comments:

1. Supervision.

As you informed us yesterday, Mr. Dunn is the supervisor that Mr. Dover of our office will work with in Moore County.

2. North Moore Site near Robbins.

The site is not being used; there is a small amount of uncompacted and uncovered waste. There seems to be adequate cover material on-site to complete the close-out. This office will expect the site to be completely closed-out including seeding prior to February 1, 1976.

3. Carthage Site.

The area of the site that is being used is now full. The seeding program is going very well, so I strongly recommend that if there is any way, including the possibility we discussed yesterday, this site can be closed now that it be done and the seeding program completed over the entire area. The operation is not in compliance

Mr. Robert Frederick Helms  
December 5, 1975  
Page 2

with the Division of Health Services "Rules and Regulations Providing Standards for Solid Waste Disposal" so we must ask you to have it closed-out ~~not~~ later than February 1, 1976, or brought into full compliance.

4. The Moore County Site.

This is one of the finest sanitary landfill sites that I have ever observed. Due to a breakdown in supervision, the site has not been utilized very well. The area of operation is much too spread out. The operational plans should be implemented and I feel that Moore County must utilize this site to its fullest potential as another site of this quality will be hard to find.

In conclusion, I feel the Moore County solid waste management program is on the move and I trust in the future it will give you a great deal of satisfaction instead of so many headaches.

Thanks again for seeing Mr. Dover and me and we look forward to working with Mr. Dunn.

Sincerely,

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

OWS/ct

cc: Mr. Floyd Dunn  
Mr. Terry F. Dover

*Moore*  
*LR*

**NORTH CAROLINA  
DEPARTMENT OF HUMAN RESOURCES**

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

April 28, 1978



Mrs. Ruth Monroe  
General Delivery  
Aberdeen, North Carolina

Dear Mrs. Monroe:

As you will recall, Mr. Floyd Dunn, sanitarian supervisor with Moore County Health Department and myself visited you on February 16, 1978. At that time we requested that you hire someone with a bull dozer to come on your property and close out your open dump. To accomplish this, it would be necessary to compact the solid waste and cover it with a minimum of 2 feet of soil. You agreed at that time to take care of this problem.

Mr. Dunn and I reinspected your property on April 27, 1978, and found that nothing whatsoever had been done. As I informed you earlier, you are in violation of the N. C. Department of Human Resources Solid Waste Management Rules by operating an open dump on your property.

We must request that the above mentioned work be completed on or before May 30, 1978.

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

Sincerely,

Handwritten signature of Terry F. Dover in cursive.

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

TFD:ibr  
cc: Mr. O. W. Strickland  
Mr. Floyd Dunn

South Carolina  
Department of  
Health and  
Environmental  
Control

*Moore*  
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

*Jurk*

July 25, 1979

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

*V*

RECEIVED  
AUG 2 1979  
SOLID WASTE-VECTOR CONTROL

Mr. H. D. Brintle  
Proctor-Silex  
P. O. Box 600  
Southern Pines, NC

RE: Disposal of liquid sludge from Southern Pines, North Carolina at SCSCA Services, Inc., in Pinewood, South Carolina - Sumter County

Dear Mr. Brintle:

This office hereby grants approval for disposal of the above referenced waste at the referenced site. Approval is for 3000 gallons of sludge from Nickel Chrome plating. This approval is as requested in Mr. Stilwell's letter.

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

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

Sincerely,

*Earl Williams*

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

EMW:CAM:dah

cc: W.E. Stilwell  
Capers Dixon  
Jerry Perkins

Enclosure

# South Carolina

## Department of Health and Environmental Control

BGARD  
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

July 25, 1979

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



Mr. Timothy M. Kean  
Union Camp Corporation  
P. O. Box 178  
Franklin, VA 23851

RE: Disposal of hardwood lumber treatment waste from Smithfield, North Carolina at SCSCA Services, Inc., in Pinewood, South Carolina - Sumter County

Dear Mr. Kean:

This office hereby grants approval for disposal of the above referenced waste at the referenced site. Approval is for 385 gallons of waste from Smithfield, North Carolina. Approval is as requested in Mr. Stilwell's letter of July 13, 1979.

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

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

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

Sincerely,

A handwritten signature in cursive script that reads "Earl Williams, Jr.".

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

EMW:CAM:dah

cc: W.E. Stilwell  
Capers Dixon  
✓ Jerry Perkins

Enclosure

1878 Century of Service 1978

*Moore*  
*JSR*

*out*



December 29, 1977

Mr. James M. Craven, President  
Carolina Galvanizing Corporation  
Route 1, Box 60  
Aberdeen, North Carolina 28315

Dear Mr. Craven:

Mr. R. N. Edwards of Brown, Edwards & Miller, Incorporated, was in my office on December 27, 1977, with samples of sludge from your facility that he had solidified by adding sand and cement.

This office has no objection to placing the solidified sludge in a sanitary landfill.

Sincerely,

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

OWS/wss

cc: Mr. Terry F. Dover  
Mr. R. N. Edwards

*Duplicate  
mailed to RNEdwards  
1-31-78*

**C**arolina  
**G**alvanizing  
**C**orporation

Route 1, Box 60 • Aberdeen, N. C. 28315 • (919) 944-7121

October 31, 1977



N.C. Department of Health Services  
P. O. Box 2091  
Raleigh, North Carolina 27602

Attention: Mr. O. W. Strickland

Dear Vic:

Enclosed is a copy of a report on all of the materials that we are treating and have treated (solid waste) at our plant.

If this is not the report that you need, please call and let me know.

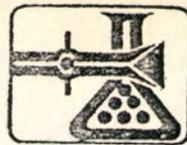
If this report is in order, I request that Mr. Dover contact me at the earliest possible time to set up a meeting.

Sincerely yours,

CAROLINA GALVANIZING CORPORATION

*James M. Craven*  
James M. Craven,  
President

JMC/vk



# ENVIRONMENTAL LABORATORY of

## Fayetteville, Inc.

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



NAME

*M. L. ...*

Date of Sample:

ADDRESS

Comments:

Analysis

- A. Copper well
- B. ...
- C. Waste Plant Eff
- D. Sludge Sample

	A	B	C	D
	<i>Copper</i>	<i>Environment</i>	<i>Waste Eff.</i>	<i>Sludge</i>
pH	<i>5.95</i>	<i>5.1</i>		<i>6.85</i>
BOD (mg/l)				
COD (mg/l)				
Fecal Coliform (/100ml)	<i>&lt;10/100ml</i>	<i>&lt;10/100ml</i>		
Total Coliform (/100ml)				
Total Solids (mg/l)				
Total Suspended Solids (mg/l)	<i>2.1mg/l</i>	<i>&lt;10mg/l</i>		
Total Kjeldahl Nitrogen (mg/l)				<i>10.25 mg/l</i>
Ammonia (as N) (mg/l)				
Oil & Grease (mg/l)				
Total Phosphorus (mg/l)	<i>20</i>	<i>60</i>		<i>2.15 mg/l</i>
Turbidity (NTU)	<i>0.5</i>	<i>0.5</i>		
Chloride (mg/l)	<i>200</i>	<i>200</i>		
Synthetic Detergent (MBAS)				
Acidity (as mg/l CaCO <sub>3</sub> )	<i>10</i>	<i>10</i>		
Alkalinity (as mg/l CaCO <sub>3</sub> )	<i>15</i>	<i>20</i>		
Chlorine (mg/l)				
Temperature				
Chromium-Total (mg/l)	<i>200</i>	<i>200</i>	<i>25</i>	<i>10 mg/l</i>
Copper (mg/l)	<i>200</i>	<i>200</i>	<i>100</i>	<i>100</i>
Nickel (mg/l)	<i>200</i>	<i>200</i>	<i>200</i>	<i>100</i>
Zinc (mg/l)	<i>200</i>		<i>200</i>	<i>200</i>

*4.0 mg/l ...*  
*10 mg/l ...*  
*20 mg/l ...*

*10.6*  
*20.0*  
*10.0*

Lime Sludge Sample.  
Carolina Galvanizing Co. Inc.  
Aberdeen, N.C.

Experiments in preparing sludge containing 80% to 90 water  
for landfill disposal

Sample #1 = 4 parts sand (dry) 12-16-77  
28% → 2 parts sludge  
1 part cement

Sample #2 3 parts sand 12-14-77  
30% → 2 parts sludge  
1 part cement

Sample #3 2 parts sand 12-14-77  
40% → 2 parts sludge  
1 part cement

Sample #4 3 parts sand (moist) 12-13-77  
43% → 3 parts sludge  
1 part cement

Sample #5 1 part sludge 12-14-77  
49% → 1 part cement

Sample #6 Sludge dried to hard cake form - dissolved in one  
minute when placed back in water.

Sample #7 A chunk of sample #2 placed in water 8 days - remains  
in solid form.

Date received \_\_\_\_\_ Date reported \_\_\_\_\_

Date analyzed \_\_\_\_\_ Reported by \_\_\_\_\_

Lab. No. 00520

NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES  
 CHEMICAL ANALYSIS OF WATER  
 Division of Health Services, Laboratory Section  
 P. O. Box 28047, Raleigh, North Carolina 27611



Complete all items above Heavy Line  
 (see instructions on reverse side)

Name of Owner or Supply: CAROLINA GALVANIZING CO.  
 Address: ABERDENN, N.C.  
 \_\_\_\_\_ Well No. \_\_\_\_\_  
 County: MOORE  
 Report to: O. W. STRICKLAND  
 Address: SOLID WASTE & VECTOR CONTROL  
 \_\_\_\_\_  
 Collected by: \_\_\_\_\_  
 Date Collected: \_\_\_\_\_ Time: \_\_\_\_\_  
 Remarks:

Type of Supplier: [ ] 5-Association  
 [ ] 1-Municipal [ ] 6-Industrial  
 [ ] 2-Sanitary District [ ] 7-Institution  
 [ ] 3-Mobile Home Park [ ] 8-Private  
 [ ] 4-Community [ ] 9-Other \_\_\_\_\_

Source of Water: [ ] 1-Ground [ ] 3-Both  
 [ ] 2-Surface [ ] 4-Purchased

Source of Sample: [ ] 2-House Tap  
 [ ] 1-Well tap [ ] 3-Distribution Tap

Type of Sample: [ ] 1-Raw [ ] 2-Treated

Type of Treatment: [ ] 0-None [ ] 5-Lime  
 [ ] 1-Chlorinated [ ] 6-Soda Ash  
 [ ] 2-Fluoridated [ ] 7-Polyphosphate  
 [ ] 3-Filtered [ ] 8-Water Softener  
 [ ] 4-Alum [ ] 9-Other

Analysis Desired: [ ] 1-Complete analysis (18 tests)  
 [ ] 2-Partial analysis (9 tests)

#7

ANALYSIS

Color	(000)	units	Ph	(00.0)
-------	-------	-------	----	--------

Results in Parts per Million

Alkalinity CaCO <sub>3</sub>	(000)		Fluoride	(0.00)	0.16
Total Hardness	(000)		Arsenic	(*0.00)	
Iron	(*00.00)	< 0.05	Cadmium	(*0.00)	< 0.01
Manganese	(*00.00)	< 0.03	Chromium <sup>+6</sup>	(*0.00)	< 0.05
Turbidity SiO <sub>2</sub>	(000)		Copper	(*00.00)	< 0.05
Acidity CaCO <sub>3</sub>	(000)		Lead	(*0.00)	< 0.2
Chloride	(000)		Zinc	(*00.00)	< 0.05
Sodium	(000)		Ni		< 0.06
Potassium	(00.0)				

Date received \_\_\_\_\_ Date reported \_\_\_\_\_  
 Date analyzed \_\_\_\_\_ Reported by \_\_\_\_\_ Lab. No. 00520

## CHEMICAL ANALYSIS

Please fill out the sample description completely listed above the heavy line (single copy). These items are necessary so that the sample may be properly identified and to determine which analysis is to be performed. The partial analysis consist of the following: color, pH, alkalinity, total hardness, iron, manganese, turbidity, acidity, and chloride.

The analysis of a private water supply is performed free only when sent by a licensed physician, sanitarian or other health department representative who certifies the type of supply and the need of the examination in the interest of public health. The results will only be reported to the one authorizing the analysis. Otherwise, there is a fee of \$5.00 per sample.

Chemical analysis requires one quart of sample. The sample may be submitted in a thoroughly cleaned plastic bottle or home canning jar with a new lid liner and ring. However, it is preferred that chemically clean plastic bottles be obtained from our laboratory for water sampling.

Limits established according to Public Health Service Drinking Water Standards, 1962, and Standard Methods For the Examination of Water and Wastewater, 12th edition, are as follows:

Color	15 units	Sodium	No established limits
pH	<del>Approximately 7.0</del>	Potassium	<del>20 p. p. m.</del>
Alkalinity	No established limits	Fluoride	Controlled (0.8 - 1.20 p. p. m.)
Total Hardness	No established limits	Arsenic	0.05 p. p. m.
Iron	0.30 p. p. m.	Cadmium	0.01 p. p. m.
Manganese	0.05 p. p. m.	Chromium <sup>+6</sup>	0.05 p. p. m.
Turbidity	5 units	Copper	1.00 p. p. m.
Acidity	<del>Should not be present</del>	Lead	0.05 p. p. m.
Chloride	250 p. p. m.	Zinc	5.00 p. p. m.

FOR LABORATORY USE ONLY

NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES  
 CHEMICAL ANALYSIS OF WATER  
 Division of Health Services, Laboratory Section  
 P. O. Box 28047, Raleigh, North Carolina 27611

Complete all items above Heavy Line  
 (see instructions on reverse side)



Name of Owner CAROLINA GALVANIZING CO.  
 or Supply: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 \_\_\_\_\_ Well No. \_\_\_\_\_  
 County: MOORE  
 Report to: O. W. STRICKLAND  
 Address: SOLID WASTE & VECTOR CONTROL  
 \_\_\_\_\_  
 Collected by: \_\_\_\_\_  
 Date Collected: \_\_\_\_\_ Time: \_\_\_\_\_  
 Remarks: \_\_\_\_\_  
 #4

Type of Supplier: [ ] 5-Association  
 [ ] 1-Municipal [ ] 6-Industrial  
 [ ] 2-Sanitary District [ ] 7-Institution  
 [ ] 3-Mobile Home Park [ ] 8-Private  
 [ ] 4-Community [ ] 9-Other \_\_\_\_\_

---

Source of Water: [ ] 1-Ground [ ] 3-Both  
 [ ] 2-Surface [ ] 4-Purchased

---

Source of Sample: [ ] 2-House Tap  
 [ ] 1-Well tap [ ] 3-Distribution Tap

---

Type of Sample: [ ] 1-Raw [ ] 2-Treated

---

Type of Treatment: [ ] 0-None [ ] 5-Lime  
 [ ] 1-Chlorinated [ ] 6-Soda Ash  
 [ ] 2-Fluoridated [ ] 7-Polyphosphate  
 [ ] 3-Filtered [ ] 8-Water Softener  
 [ ] 4-Alum [ ] 9-Other

---

Analysis Desired:  
 [ ] 1-Complete analysis (18 tests)  
 [ ] 2-Partial analysis (9 tests)

ANALYSIS

Color	(000)	units	Ph	(00.0)		
Results in Parts per Million						
<del>Alkalinity CaCO<sub>3</sub></del> pH (000)	4		7		<del>Fluoride</del> pH (0.00)	4 7
Total Hardness (000)					Arsenic (*0.00)	
Iron (*00.00)	< 0.05	< 0.05			Cadmium (*0.00)	0.02 0.02
Manganese (*00.00)	< 0.03	< 0.03			Chromium <sup>+6</sup> (*0.00)	0.14 0.13
Turbidity SiO <sub>2</sub> (000)					Copper (*00.00)	0.07 0.07
Acidity CaCO <sub>3</sub> (000)					Lead (*0.00)	0.2 0.2
Chloride (000)					Zinc (*00.00)	< 0.05 < 0.05
Sodium (000)					Ni	0.16 0.16
Potassium (00.0)					Fluoride	0.62 0.64

Date received \_\_\_\_\_ Date reported \_\_\_\_\_ 00518  
 Date analyzed \_\_\_\_\_ Reported by \_\_\_\_\_ Lab. No. \_\_\_\_\_  
(over)

## CHEMICAL ANALYSIS

Please fill out the sample description completely listed above the heavy line (single copy). These items are necessary so that the sample may be properly identified and to determine which analysis is to be performed. The partial analysis consist of the following: color, pH, alkalinity, total hardness, iron, manganese, turbidity, acidity, and chloride.

The analysis of a private water supply is performed free only when sent by a licensed physician, sanitarian or other health department representative who certifies the type of supply and the need of the examination in the interest of public health. The results will only be reported to the one authorizing the analysis. Otherwise, there is a fee of \$5.00 per sample.

Chemical analysis requires one quart of sample. The sample may be submitted in a thoroughly cleaned plastic bottle or home canning jar with a new lid liner and ring. However, it is preferred that chemically clean plastic bottles be obtained from our laboratory for water sampling.

Limits established according to Public Health Service Drinking Water Standards, 1962, and Standard Methods For the Examination of Water and Wastewater, 12th edition, are as follows:

Color	15 units	Sodium	No established limits
pH	Approximately 7.0	Potassium	20 p. p. m.
Alkalinity	No established limits	Fluoride	Controlled (0.8 - 1.20 p. p. m.)
Total Hardness	No established limits	Arsenic	0.05 p. p. m.
Iron	0.30 p. p. m.	Cadmium	0.01 p. p. m.
Manganese	0.05 p. p. m.	Chromium <sup>+6</sup>	0.05 p. p. m.
Turbidity	5 units	Copper	1.00 p. p. m.
Acidity	Should not be present	Lead	0.05 p. p. m.
Chloride	250 p. p. m.	Zinc	5.00 p. p. m.

### FOR LABORATORY USE ONLY

#### Sample Preparation

The samples were each crushed in plastic bags and mixed manually. 100 gms of sample (except #5-30 gms used) were placed in each of 2 beakers containing deionized water which had been adjusted with NaOH and HNO<sub>3</sub> to pH 4 and 7.

The mixtures were stirred for several minutes, allowed to stand for 1-1½ hrs., stirred again and allowed to stand for approximately 48 hrs.

100-125 mls of supernatant from each beaker were filtered through Whatman #1 paper and analyzed.

NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES  
 CHEMICAL ANALYSIS OF WATER  
 Division of Health Services, Laboratory Section  
 P. O. Box 28047, Raleigh, North Carolina 27611



Complete all items above Heavy Line  
 (see instructions on reverse side)

Name of Owner CAROLINA GALVANIZING CO.  
 or Supply: \_\_\_\_\_  
ABERDEEN, N.C.  
 Address: \_\_\_\_\_

Well No. \_\_\_\_\_  
 \_\_\_\_\_  
 County: MOORE  
O. W. STRICKLAND

Report to: \_\_\_\_\_  
SOLID WASTE & VECTOR CONTROL  
 Address: \_\_\_\_\_

Collected by: \_\_\_\_\_  
 Date Collected: \_\_\_\_\_ Time: \_\_\_\_\_

Remarks: #5  
N.B. 30 gms of sample used in  
leaching test - insufficient  
material for 100 gm test

Type of Supplier: [ ] 5-Association  
 [ ] 1-Municipal [ ] 6-Industrial  
 [ ] 2-Sanitary District [ ] 7-Institution  
 [ ] 3-Mobile Home Park [ ] 8-Private  
 [ ] 4-Community [ ] 9-Other \_\_\_\_\_

Source of Water: [ ] 3-Both  
 [ ] 1-Ground [ ] 4-Purchased  
 [ ] 2-Surface

Source of Sample: [ ] 2-House Tap  
 [ ] 1-Well tap [ ] 3-Distribution Tap

Type of Sample: [ ] 2-Treated  
 [ ] 1-Raw

Type of Treatment: [ ] 5-Lime  
 [ ] 1-Chlorinated [ ] 6-Soda Ash  
 [ ] 2-Fluoridated [ ] 7-Polyphosphate  
 [ ] 3-Filtered [ ] 8-Water Softener  
 [ ] 4-Alum [ ] 9-Other

Analysis Desired: [ ] 1-Complete analysis (18 tests)  
 [ ] 2-Partial analysis (9 tests)

**ANALYSIS**

Color	(000)	units	Ph	(00.0)
-------	-------	-------	----	--------

Results in Parts per Million

Alkalinity CaCO <sub>3</sub> pH (000)	4	7	Fluoride pH (0.00)	4	7
Total Hardness (000)			Arsenic (*0.00)		
Iron (*00.00)	<0.05	<0.05	Cadmium (*0.00)	0.02	0.02
Manganese (*00.00)	<0.03	<0.03	Chromium <sup>+6</sup> (*0.00)	0.06	0.07
Turbidity SiO <sub>2</sub> (000)			Copper (*00.00)	<0.05	<0.05
Acidity CaCO <sub>3</sub> (000)			Lead (*0.00)	0.2	0.2
Chloride (000)			Zinc (*00.00)	<0.05	<0.05
Sodium (000)			Ni	<0.06	0.07
Potassium (00.0)			Fluoride	0.44	0.48

Date received \_\_\_\_\_ Date reported \_\_\_\_\_ Lab. No. 00519  
 Date analyzed \_\_\_\_\_ Reported by \_\_\_\_\_ *(over)*

## CHEMICAL ANALYSIS

Please fill out the sample description completely listed above the heavy line (single copy). These items are necessary so that the sample may be properly identified and to determine which analysis is to be performed. The partial analysis consist of the following: color, pH, alkalinity, total hardness, iron, manganese, turbidity, acidity, and chloride.

The analysis of a private water supply is performed free only when sent by a licensed physician, sanitarian or other health department representative who certifies the type of supply and the need of the examination in the interest of public health. The results will only be reported to the one authorizing the analysis. Otherwise, there is a fee of \$5.00 per sample.

Chemical analysis requires one quart of sample. The sample may be submitted in a thoroughly cleaned plastic bottle or home canning jar with a new lid liner and ring. However, it is preferred that chemically clean plastic bottles be obtained from our laboratory for water sampling.

Limits established according to Public Health Service Drinking Water Standards, 1962, and Standard Methods For the Examination of Water and Wastewater, 12th edition, are as follows:

Color	15 units	Sodium	No established limits
pH	Approximately 7.0	Potassium	20 p. p. m.
Alkalinity	No established limits	Fluoride	Controlled (0.8 - 1.20 p. p. m.)
Total Hardness	No established limits	Arsenic	0.05 p. p. m.
Iron	0.30 p. p. m.	Cadmium	0.01 p. p. m.
Manganese	0.05 p. p. m.	Chromium <sup>+6</sup>	0.05 p. p. m.
Turbidity	5 units	Copper	1.00 p. p. m.
Acidity	Should not be present	Lead	0.05 p. p. m.
Chloride	250 p. p. m.	Zinc	5.00 p. p. m.

### FOR LABORATORY USE ONLY

#### Sample Preparation

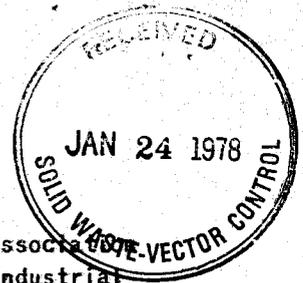
The samples were each crushed in plastic bags and mixed manually. 100 gms of sample (except #5-30 gms used) were placed in each of 2 beakers containing deionized water which had been adjusted with NaOH and HNO<sub>3</sub> to pH 4 and 7.

The mixtures were stirred for several minutes, allowed to stand for 1-1½ hrs., stirred again and allowed to stand for approximately 48 hrs.

100-125 mls of supernatant from each beaker were filtered through Whatman #1 paper and analyzed.

NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES  
 CHEMICAL ANALYSIS OF WATER  
 Division of Health Services, Laboratory Section  
 P. O. Box 28047, Raleigh, North Carolina 27611

Complete all Items above Heavy Line  
 (see instructions on reverse side)



Name of Owner or Supply: CAROLINA GALVANIZING CO.  
 Address: ABERDEEN, N.C.  
 Well No. \_\_\_\_\_

County: MOORE  
 Report to: O. W. STRICKALND  
 Address: SOLID WASTE & VECTOR CONTROL

Collected by: \_\_\_\_\_  
 Date Collected: \_\_\_\_\_ Time: \_\_\_\_\_

Remarks:  
 #1  
 SAMPLE RETURNED TO O. W. STRICKLAND

Type of Supplier:  
 1-Municipal  
 2-Sanitary District  
 3-Mobile Home Park  
 4-Community  
 5-Associated  
 6-Industrial  
 7-Institution  
 8-Private  
 9-Other \_\_\_\_\_

Source of Water:  
 1-Ground  
 2-Surface  
 3-Both  
 4-Purchased

Source of Sample:  
 1-Well tap  
 2-House Tap  
 3-Distribution Tap

Type of Sample:  
 1-Raw  
 2-Treated

Type of Treatment:  
 0-None  
 1-Chlorinated  
 2-Fluoridated  
 3-Filtered  
 4-Alum  
 5-Lime  
 6-Soda Ash  
 7-Polyphosphate  
 8-Water Softener  
 9-Other

Analysis Desired:  
 1-Complete analysis (18 tests)  
 2-Partial analysis (9 tests)

ANALYSIS

Color	(000)	units	Ph	(00.0)
-------	-------	-------	----	--------

Results in Parts per Million

Alkalinity CaCO <sub>3</sub>	(000)	Fluoride	(0.00)
Total Hardness	(000)	Arsenic	(*0.00)
Iron	(*00.00)	Cadmium	(*0.00)
Manganese	(*00.00)	Chromium <sup>+6</sup>	(*0.00)
Turbidity SiO <sub>2</sub>	(000)	Copper	(*00.00)
Acidity CaCO <sub>3</sub>	(000)	Lead	(*0.00)
Chloride	(000)	Zinc	(*00.00)
Sodium	(000)	Ni	
Potassium	(00.0)		

Date received \_\_\_\_\_ Date reported \_\_\_\_\_  
 Date analyzed \_\_\_\_\_ Reported by \_\_\_\_\_  
 Lab. No. 00515

NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES  
 CHEMICAL ANALYSIS OF WATER  
 Division of Health Services, Laboratory Section  
 P. O. Box 28047, Raleigh, North Carolina 27611



Complete all items above Heavy Line  
 (see instructions on reverse side)

Name of Owner or Supply: CAROLINA GALVANIZING CO.  
 Address: ABERDEEN, N.C.

Well No. \_\_\_\_\_  
 County: MOORE

Report to: O. W. STRICKLAND  
 Address: SOLID WASTE & VECTOR CONTROL

Collected by: \_\_\_\_\_  
 Date Collected: \_\_\_\_\_ Time: \_\_\_\_\_

Remarks: #2

Type of Supplier: [ ] 5-Association  
 [ ] 1-Municipal [ ] 6-Industrial  
 [ ] 2-Sanitary District [ ] 7-Institution  
 [ ] 3-Mobile Home Park [ ] 8-Private  
 [ ] 4-Community [ ] 9-Other \_\_\_\_\_

Source of Water: [ ] 1-Ground [ ] 3-Both  
 [ ] 2-Surface [ ] 4-Purchased

Source of Sample: [ ] 2-House Tap  
 [ ] 1-Well tap [ ] 3-Distribution Tap

Type of Sample: [ ] 1-Raw [ ] 2-Treated

Type of Treatment: [ ] 0-None [ ] 5-Lime  
 [ ] 1-Chlorinated [ ] 6-Soda Ash  
 [ ] 2-Fluoridated [ ] 7-Polyphosphate  
 [ ] 3-Filtered [ ] 8-Water Softener  
 [ ] 4-Alum [ ] 9-Other

Analysis Desired: [ ] 1-Complete analysis (18 tests)  
 [ ] 2-Partial analysis (9 tests)

ANALYSIS

Color (000)	units	Ph	(00.0)
-------------	-------	----	--------

Results in Parts per Million

<del>Alkalinity</del> $CaCO_3$ pH (000)	4	7	<del>Fluoride</del> pH (0.00)	4	7
Total Hardness (000)			Arsenic (*0.00)		
Iron (*00.00)	<0.05	<0.05	Cadmium (*0.00)	0.02	0.02
Manganese (*00.00)	<0.03	<0.03	Chromium <sup>+6</sup> (*0.00)	0.10	0.08
Turbidity SiO <sub>2</sub> (000)			Copper (*00.00)	0.06	0.05
Acidity CaCO <sub>3</sub> (000)			Lead (*0.00)	0.2	0.2
Chloride (000)			Zinc (*00.00)	<0.02	<0.02
Sodium (000)			Ni	0.13	0.11
Potassium (00.0)			Fluoride	0.59	0.58

Date received \_\_\_\_\_ Date reported \_\_\_\_\_

Date analyzed \_\_\_\_\_ Reported by \_\_\_\_\_

Lab. No. 00516  
*(over)*

NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES  
 CHEMICAL ANALYSIS OF WATER  
 Division of Health Services, Laboratory Section  
 P. O. Box 28047, Raleigh, North Carolina 27611



Complete all items above Heavy Line  
 (see instructions on reverse side)

Name of Owner CAROLINA GALVANIZING CO.  
 or Supply: \_\_\_\_\_  
 Address: ABERDEEN, N.C.

Well No. \_\_\_\_\_  
 County: MOORE

Report to: O. W. STRICKLAND  
 Address: SOLID WASTE & VECTOR CONTROL

Collected by: \_\_\_\_\_  
 Date Collected: \_\_\_\_\_ Time: \_\_\_\_\_

Remarks: \_\_\_\_\_  
 #3

Type of Supplier: [ ] 5-Association  
 [ ] 1-Municipal [ ] 6-Industrial  
 [ ] 2-Sanitary District [ ] 7-Institution  
 [ ] 3-Mobile Home Park [ ] 8-Private  
 [ ] 4-Community [ ] 9-Other \_\_\_\_\_

Source of Water: [ ] 1-Ground [ ] 3-Both  
 [ ] 2-Surface [ ] 4-Purchased

Source of Sample: [ ] 2-House Tap  
 [ ] 1-Well tap [ ] 3-Distribution Tap

Type of Sample: [ ] 1-Raw [ ] 2-Treated

Type of Treatment: [ ] 0-None [ ] 5-Lime  
 [ ] 1-Chlorinated [ ] 6-Soda Ash  
 [ ] 2-Fluoridated [ ] 7-Polyphosphate  
 [ ] 3-Filtered [ ] 8-Water Softener  
 [ ] 4-Alum [ ] 9-Other \_\_\_\_\_

Analysis Desired: [ ] 1-Complete analysis (18 tests)  
 [ ] 2-Partial analysis (9 tests)

ANALYSIS

Color (000)	units	Ph	(00.0)
-------------	-------	----	--------

Results in Parts per Million

<del>Alkalinity</del> CaCO <sub>3</sub> pH (000)	4	7	<del>Fluoride</del> pH (0.00)	4	7
Total Hardness (000)			Arsenic (*0.00)		
Iron (*00.00)	<0.05	<0.05	Cadmium (*0.00)	0.02	0.02
Manganese (*00.00)	<0.03	<0.03	Chromium <sup>+6</sup> (*0.00)	0.11	0.12
Turbidity SiO <sub>2</sub> (000)			Copper (*00.00)	0.06	0.06
Acidity CaCO <sub>3</sub> (000)			Lead (*0.00)	0.2	0.2
Chloride (000)			Zinc (*00.00)	<0.05	<0.05
Sodium (000)			Ni	0.15	0.17
Potassium (00.0)			Fluoride	0.64	0.69

Date received \_\_\_\_\_ Date reported \_\_\_\_\_ Lab. No. 00517  
 Date analyzed \_\_\_\_\_ Reported by \_\_\_\_\_ *(over)*

*Moore*  
*DR*

*out*

*out?*



December 29, 1977

Mr. James M. Craven, President  
Carolina Galvanizing Corporation  
Route 1, Box 60  
Aberdeen, North Carolina 28315

Dear Mr. Craven:

Mr. R. N. Edwards of Brown, Edwards & Miller, Incorporated, was in my office on December 27, 1977, with samples of sludges from your facility that he had solidified by adding sand and cement.

This office has no objection to placing the solidified sludge in a sanitary landfill.

Sincerely,

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

OWS/wsa

cc: Mr. Terry F. Dover  
Mr. R. N. Edwards

*Duplicate  
mailed to R. N. Edwards  
1-31-78*

**C**arolina  
**G**alvanizing  
**C**orporation

Route 1, Box 60 • Aberdeen, N. C. 28315 • (919) 944-7121

October 31, 1977



N.C. Department of Health Services  
P. O. Box 2091  
Raleigh, North Carolina 27602

Attention: Mr. O. W. Strickland

Dear Vic:

Enclosed is a copy of a report on all of the materials that we are treating and have treated (solid waste) at our plant.

If this is not the report that you need, please call and let me know.

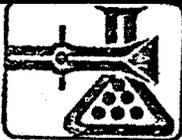
If this report is in order, I request that Mr. Dover contact me at the earliest possible time to set up a meeting.

Sincerely yours,

CAROLINA GALVANIZING CORPORATION

*James M. Craven*  
James M. Craven,  
President

JMC/vk



# ENVIRONMENTAL LABORATORY of Fayetteville, Inc.

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



NAME *M. L. ...*

Date of Sample:

ADDRESS

Comments:

**Analysis**

- A. *Copper well*
- B. *Gate ... Plant well*
- C. *Waste Plant Eff*
- D. *Sudge Sample*

	A	B	C	D
	<i>Copper</i>	<i>Environment</i>	<i>Waste Eff.</i>	<i>Sudge</i>
pH	<i>5.95</i>	<i>5.0</i>		<i>6.85</i>
BOD (mg/l)				
COD (mg/l)				
Fecal Coliform (/100ml)	<i>&lt;10/100ml</i>	<i>&lt;10/100ml</i>		
Total Coliform (/100ml)				
Total Solids (mg/l)				
Total Suspended Solids (mg/l)	<i>5.0</i>	<i>&lt;10</i>		
Total Kjeldahl Nitrogen (mg/l)				<i>80.25 mg/l</i>
Ammonia (as N) (mg/l)				
Oil & Grease (mg/l)				
Total Phosphorus (mg/l)	<i>25</i>	<i>80</i>		<i>26.15 mg/l</i>
Turbidity (NTU)	<i>25</i>	<i>25</i>		
Chloride (mg/l)	<i>25</i>	<i>25</i>		
Synthetic Detergent (MBAS)				
Acidity (as mg/l CaCO <sub>3</sub> )	<i>10</i>	<i>10</i>		
Alkalinity (as mg/l CaCO <sub>3</sub> )	<i>10</i>	<i>10</i>		
Chlorine (mg/l)				
Temperature				
Chromium-Total (mg/l)	<i>25</i>	<i>25</i>	<i>25</i>	<i>25</i>
Copper (mg/l)	<i>25</i>	<i>25</i>	<i>25</i>	<i>25</i>
Nickel (mg/l)	<i>25</i>	<i>25</i>	<i>25</i>	<i>25</i>
Zinc (mg/l)	<i>25</i>	<i>25</i>	<i>25</i>	<i>25</i>

*4. ...*  
*...*  
*...*

*11.6*  
*2.4*  
*7.16*

Lime Sludge Sample.  
Carolina Galvanizing Co. Inc.  
Aberdeen, N.C.

Experiments in preparing sludge containing 80% to 90% water  
for landfill disposal

Sample #1 = 4 parts sand (dry) 12-16-77  
28% → 2 parts sludge  
1 part cement

Sample #2 3 parts sand 12-14-77  
30% → 2 parts sludge  
1 part cement

Sample #3 2 parts sand 12-14-77  
40% → 2 parts sludge  
1 part cement

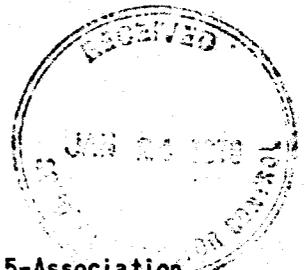
Sample #4 3 parts sand (moist) 12-13-77  
43% → 3 parts sludge  
1 part cement

Sample #5 1 part sludge 12-14-77  
49% → 1 part cement

Sample #6 sludge dried to hard cake form - dissolved in one  
minute when placed back in water.

Sample #7 half of sample #2 placed in water 8 days - remains  
in solid form.

NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES  
 CHEMICAL ANALYSIS OF WATER  
 Division of Health Services, Laboratory Section  
 P. O. Box 28047, Raleigh, North Carolina 27611



Complete all items above Heavy Line  
 (see instructions on reverse side)

Name of Owner or Supply: CAROLINA GALVANIZING CO.  
 Address: ABERDENN, N.C.  
 Well No. \_\_\_\_\_  
 County: MOORE  
 Report to: O. W. STRICKLAND  
 Address: SOLID WASTE & VECTOR CONTROL  
 Collected by: \_\_\_\_\_  
 Date Collected: \_\_\_\_\_ Time: \_\_\_\_\_  
 Remarks:

Type of Supplier: [ ] 5-Association  
 [ ] 1-Municipal [ ] 6-Industrial  
 [ ] 2-Sanitary District [ ] 7-Institution  
 [ ] 3-Mobile Home Park [ ] 8-Private  
 [ ] 4-Community [ ] 9-Other

Source of Water: [ ] 3-Both  
 [ ] 1-Ground [ ] 4-Purchased  
 [ ] 2-Surface

Source of Sample: [ ] 2-House Tap  
 [ ] 1-Well tap [ ] 3-Distribution Tap

Type of Sample: [ ] 2-Treated  
 [ ] 1-Raw

Type of Treatment: [ ] 5-Lime  
 [ ] 1-Chlorinated [ ] 6-Soda Ash  
 [ ] 2-Fluoridated [ ] 7-Polyphosphate  
 [ ] 3-Filtered [ ] 8-Water Softener  
 [ ] 4-Alum [ ] 9-Other

Analysis Desired: [ ] 1-Complete analysis (18 tests)  
 [ ] 2-Partial analysis (9 tests)

#7

**ANALYSIS**

Color	(000)	units	Ph	(00.0)
-------	-------	-------	----	--------

Results in Parts per Million

Alkalinity CaCO <sub>3</sub>	(000)		Fluoride	(0.00)	0.16
Total Hardness	(000)		Arsenic	(*0.00)	
Iron	(*00.00)	< 0.05	Cadmium	(*0.00)	< 0.01
Manganese	(*00.00)	< 0.03	Chromium <sup>+6</sup>	(*0.00)	< 0.05
Turbidity SiO <sub>2</sub>	(000)		Copper	(*00.00)	< 0.05
Acidity CaCO <sub>3</sub>	(000)		Lead	(*0.00)	< 0.2
Chloride	(000)		Zinc	(*00.00)	< 0.05
Sodium	(000)		Ni		< 0.06
Potassium	(00.0)				

Date received \_\_\_\_\_ Date reported \_\_\_\_\_  
 Date analyzed \_\_\_\_\_ Reported by \_\_\_\_\_  
 Lab. No. 00520

NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES  
 CHEMICAL ANALYSIS OF WATER  
 Division of Health Services, Laboratory Section  
 P. O. Box 28047, Raleigh, North Carolina 27611

Complete all items above Heavy Line  
 (see instructions on reverse side)



Name of Owner or Supply: CAROLINA GALVANIZING CO.  
 Address: \_\_\_\_\_  
 \_\_\_\_\_ Well No. \_\_\_\_\_  
 County: MOORE  
 Report to: O. W. STRICKLAND  
 Address: SOLID WASTE & VECTOR CONTROL  
 \_\_\_\_\_  
 Collected by: \_\_\_\_\_  
 Date Collected: \_\_\_\_\_ Time: \_\_\_\_\_  
 Remarks:

Type of Supplier: [ ] 5-Association  
 [ ] 1-Municipal [ ] 6-Industrial  
 [ ] 2-Sanitary District [ ] 7-Institution  
 [ ] 3-Mobile Home Park [ ] 8-Private  
 [ ] 4-Community [ ] 9-Other \_\_\_\_\_

Source of Water: [ ] 1-Ground [ ] 3-Both  
 [ ] 2-Surface [ ] 4-Purchased

Source of Sample: [ ] 2-House Tap  
 [ ] 1-Well tap [ ] 3-Distribution Tap

Type of Sample: [ ] 1-Raw [ ] 2-Treated

Type of Treatment: [ ] 0-None [ ] 5-Lime  
 [ ] 1-Chlorinated [ ] 6-Soda Ash  
 [ ] 2-Fluoridated [ ] 7-Polyphosphate  
 [ ] 3-Filtered [ ] 8-Water Softener  
 [ ] 4-Alum [ ] 9-Other

Analysis Desired: [ ] 1-Complete analysis (18 tests)  
 [ ] 2-Partial analysis (9 tests)

#4

**ANALYSIS**

Color (000)	units	Ph	(00.0)		
<b>Results in Parts per Million</b>					
Alkalinity CaCO <sub>3</sub> pH (000)	4	7	Fluoride pH (0.00)	4	7
Total Hardness (000)			Arsenic (*0.00)		
Iron (*00.00)	< 0.05	< 0.05	Cadmium (*0.00)	0.02	0.02
Manganese (*00.00)	< 0.03	< 0.03	Chromium <sup>+6</sup> (*0.00)	0.14	0.13
Turbidity SiO <sub>2</sub> (000)			Copper (*00.00)	0.07	0.07
Acidity CaCO <sub>3</sub> (000)			Lead (*0.00)	0.2	0.2
Chloride (000)			Zinc (*00.00)	< 0.05	< 0.05
Sodium (000)			Ni	0.16	0.16
Potassium (00.0)			Fluoride	0.62	0.64

Date received \_\_\_\_\_ Date reported \_\_\_\_\_ Lab. No. 00518  
 Date analyzed \_\_\_\_\_ Reported by (over)

NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES  
 CHEMICAL ANALYSIS OF WATER  
 Division of Health Services, Laboratory Section  
 P. O. Box 28047, Raleigh, North Carolina 27611

Complete all items above Heavy Line  
 (see instructions on reverse side)



Name of Owner or Supply: CAROLINA GALVANIZING CO.  
 Address: ABERDEEN, N.C.  
 Well No. \_\_\_\_\_  
 County: MOORE  
 Report to: O. W. STRICKLAND  
 Address: SOLID WASTE & VECTOR CONTROL  
 Collected by: \_\_\_\_\_  
 Date Collected: \_\_\_\_\_ Time: \_\_\_\_\_

Type of Supplier: [ ] 1-Municipal [ ] 5-Association  
 [ ] 2-Sanitary District [ ] 6-Industrial  
 [ ] 3-Mobile Home Park [ ] 7-Institution  
 [ ] 4-Community [ ] 8-Private [ ] 9-Other \_\_\_\_\_

Source of Water: [ ] 1-Ground [ ] 3-Both  
 [ ] 2-Surface [ ] 4-Purchased

Source of Sample: [ ] 2-House Tap  
 [ ] 1-Well tap [ ] 3-Distribution Tap

Type of Sample: [ ] 1-Raw [ ] 2-Treated

Type of Treatment: [ ] 0-None [ ] 5-Lime  
 [ ] 1-Chlorinated [ ] 6-Soda Ash  
 [ ] 2-Fluoridated [ ] 7-Polyphosphate  
 [ ] 3-Filtered [ ] 8-Water Softener  
 [ ] 4-Alum [ ] 9-Other \_\_\_\_\_

Remarks: #5  
N.B. 30 gms of sample used in leaching test - insufficient material for 100 gm test

Analysis Desired: [ ] 1-Complete analysis (18 tests)  
 [ ] 2-Partial analysis (9 tests)

**ANALYSIS**

Color (000)	units	Ph	(00.0)
-------------	-------	----	--------

Results in Parts per Million

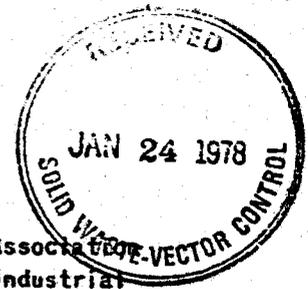
Alkalinity CaCO <sub>3</sub> pH (000)	4	7	Fluoride pH (0.00)	4	7
Total Hardness (000)			Arsenic (*0.00)		
Iron (*00.00)	<0.05	<0.05	Cadmium (*0.00)	0.02	0.02
Manganese (*00.00)	<0.03	<0.03	Chromium <sup>+6</sup> (*0.00)	0.06	0.07
Turbidity SiO <sub>2</sub> (000)			Copper (*00.00)	<0.05	<0.05
Acidity CaCO <sub>3</sub> (000)			Lead (*0.00)	0.2	0.2
Chloride (000)			Zinc (*00.00)	<0.05	<0.05
Sodium (000)			Ni	<0.06	0.07
Potassium (00.0)			Fluoride	0.44	0.48

Date received \_\_\_\_\_ Date reported \_\_\_\_\_  
 Date analyzed \_\_\_\_\_ Reported by \_\_\_\_\_  
 Lab. No. 00519

*(over)*

NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES  
 CHEMICAL ANALYSIS OF WATER  
 Division of Health Services, Laboratory Section  
 P. O. Box 28047, Raleigh, North Carolina 27611

Complete all items above Heavy Line  
 (see instructions on reverse side)



Name of Owner or Supply: CAROLINA GALVANIZING CO.  
 Address: ABERDEEN, N.C.  
 Well No. \_\_\_\_\_  
 County: MOORE  
 Report to: O. W. STRICKLAND  
 Address: SOLID WASTE & VECTOR CONTROL  
 Collected by: \_\_\_\_\_  
 Date Collected: \_\_\_\_\_ Time: \_\_\_\_\_  
 Remarks:  
 #1  
 SAMPLE RETURNED TO O. W. STRICKLAND

Type of Supplier: [ ] 1-Municipal [ ] 5-Associated  
 [ ] 2-Sanitary District [ ] 6-Industrial  
 [ ] 3-Mobile Home Park [ ] 7-Institution  
 [ ] 4-Community [ ] 8-Private  
 [ ] 9-Other \_\_\_\_\_

Source of Water: [ ] 1-Ground [ ] 3-Both  
 [ ] 2-Surface [ ] 4-Purchased

Source of Sample: [ ] 1-Well tap [ ] 2-House Tap  
 [ ] 3-Distribution Tap

Type of Sample: [ ] 1-Raw [ ] 2-Treated

Type of Treatment: [ ] 0-None [ ] 5-Lime  
 [ ] 1-Chlorinated [ ] 6-Soda Ash  
 [ ] 2-Fluoridated [ ] 7-Polyphosphate  
 [ ] 3-Filtered [ ] 8-Water Softener  
 [ ] 4-Alum [ ] 9-Other \_\_\_\_\_

Analysis Desired: [ ] 1-Complete analysis (18 tests)  
 [ ] 2-Partial analysis (9 tests)

**ANALYSIS**

Color	(000)	units	Ph	(00.0)	
<b>Results in Parts per Million</b>					
Alkalinity CaCO <sub>3</sub>	(000)		Fluoride	(0.00)	
Total Hardness	(000)		Arsenic	(*0.00)	
Iron	(*00.00)		Cadmium	(*0.00)	
Manganese	(*00.00)		Chromium <sup>+6</sup>	(*0.00)	
Turbidity SiO <sub>2</sub>	(000)		Copper	(*00.00)	
Acidity CaCO <sub>3</sub>	(000)		Lead	(*0.00)	
Chloride	(000)		Zinc	(*00.00)	
Sodium	(000)		Ni		
Potassium	(00.0)				

Date received \_\_\_\_\_ Date reported \_\_\_\_\_  
 Date analyzed \_\_\_\_\_ Reported by \_\_\_\_\_  
 Lab. No. 00515

NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES  
 CHEMICAL ANALYSIS OF WATER  
 Division of Health Services, Laboratory Section  
 P. O. Box 28047, Raleigh, North Carolina 27611



Complete all items above Heavy Line  
 (see instructions on reverse side)

Name of Owner or Supply: CAROLINA GALVANIZING CO.  
 Address: ABERDEEN, N.C.  
 \_\_\_\_\_ Well No. \_\_\_\_\_  
 County: MOORE.  
 Report to: O. W. STRICKLAND  
 Address: SOLID WASTE & VECTOR CONTROL  
 \_\_\_\_\_  
 Collected by: \_\_\_\_\_  
 Date Collected: \_\_\_\_\_ Time: \_\_\_\_\_  
 Remarks: \_\_\_\_\_

Type of Supplier: [ ] 5-Association  
 [ ] 1-Municipal [ ] 6-Industrial  
 [ ] 2-Sanitary District [ ] 7-Institution  
 [ ] 3-Mobile Home Park [ ] 8-Private  
 [ ] 4-Community [ ] 9-Other \_\_\_\_\_

Source of Water: [ ] 1-Ground [ ] 3-Both  
 [ ] 2-Surface [ ] 4-Purchased

Source of Sample: [ ] 2-House Tap  
 [ ] 1-Well tap [ ] 3-Distribution Tap

Type of Sample: [ ] 1-Raw [ ] 2-Treated

Type of Treatment: [ ] 0-None [ ] 5-Lime  
 [ ] 1-Chlorinated [ ] 6-Soda Ash  
 [ ] 2-Fluoridated [ ] 7-Polyphosphate  
 [ ] 3-Filtered [ ] 8-Water Softener  
 [ ] 4-Alum [ ] 9-Other

Analysis Desired: [ ] 1-Complete analysis (18 tests)  
 [ ] 2-Partial analysis (9 tests)

**ANALYSIS**

Color (000)	units	Ph	(00.0)
-------------	-------	----	--------

Results in Parts per Million

<del>Alkalinity CaCO<sub>3</sub></del> pH (000)	4	7	Fluoride pH (0.00)	4	7
Total Hardness (000)			Arsenic (*0.00)		
Iron (*00.00)	<0.05	<0.05	Cadmium (*0.00)	0.02	0.02
Manganese (*00.00)	<0.03	<0.03	Chromium <sup>+6</sup> (*0.00)	0.10	0.08
Turbidity SiO <sub>2</sub> (000)			Copper (*00.00)	0.06	0.05
Acidity CaCO <sub>3</sub> (000)			Lead (*0.00)	0.2	0.2
Chloride (000)			Zinc (*00.00)	<0.02	<0.02
Sodium (000)			Ni	0.13	0.11
Potassium (00.0)			Fluoride	0.59	0.58

Date received \_\_\_\_\_ Date reported \_\_\_\_\_  
 Date analyzed \_\_\_\_\_ Reported by \_\_\_\_\_ Lab. No. 00516  
(Pelen)

NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES  
 CHEMICAL ANALYSIS OF WATER  
 Division of Health Services, Laboratory Section  
 P. O. Box 28047, Raleigh, North Carolina 27611



Complete all items above Heavy Line  
 (see instructions on reverse side)

Name of Owner or Supply: CAROLINA GALVANIZING CO.  
 Address: ABERDEEN, N.C.  
 Well No. \_\_\_\_\_  
 County: MOORE  
 Report to: O. W. STRICKLAND  
 Address: SOLID WASTE & VECTOR CONTROL  
 Collected by: \_\_\_\_\_  
 Date Collected: \_\_\_\_\_ Time: \_\_\_\_\_  
 Remarks:

Type of Supplier:  
 1-Municipal  
 2-Sanitary District  
 3-Mobile Home Park  
 4-Community  
 5-Association  
 6-Industrial  
 7-Institution  
 8-Private  
 9-Other \_\_\_\_\_

Source of Water:  
 1-Ground  
 2-Surface  
 3-Both  
 4-Purchased

Source of Sample:  
 1-Well tap  
 2-House Tap  
 3-Distribution Tap

Type of Sample:  
 1-Raw  
 2-Treated

Type of Treatment:  
 0-None  
 1-Chlorinated  
 2-Fluoridated  
 3-Filtered  
 4-Alum  
 5-Lime  
 6-Soda Ash  
 7-Polyphosphate  
 8-Water Softener  
 9-Other \_\_\_\_\_

Analysis Desired:  
 1-Complete analysis (18 tests)  
 2-Partial analysis (9 tests)

#3

**ANALYSIS**

Color (000)	units	Ph	(00.0)
<b>Results in Parts per Million</b>			
<del>Alkalinity</del> CaCO <sub>3</sub> pH (000)	4	7	<del>Fluoride</del> pH (0.00) 4 7
Total Hardness (000)			Arsenic (*0.00)
Iron (*00.00) < 0.05	< 0.05		Cadmium (*0.00) 0.02 0.02
Manganese (*00.00) < 0.03	< 0.03		Chromium <sup>+6</sup> (*0.00) 0.11 0.12
Turbidity SiO <sub>2</sub> (000)			Copper (*00.00) 0.06 0.06
Acidity CaCO <sub>3</sub> (000)			Lead (*0.00) 0.2 0.2
Chloride (000)			Zinc (*00.00) < 0.05 < 0.05
Sodium (000)			Ni 0.15 0.17
Potassium (00.0)			Fluoride 0.64 0.69

Date received \_\_\_\_\_ Date reported \_\_\_\_\_ Lab. No. 00517  
 Date analyzed \_\_\_\_\_ Reported by \_\_\_\_\_ *(over)*

*Moore*

*JH*

March 10, 1976

Mr. Vander Richard Butler, Jr.  
Route 1, Box 180-C  
Garthage, NC 28327

Dear Mr. Butler:

I appreciate your letter in which you expressed a concern for the waste that is being generated and disposed of in a sanitary landfill that could be recycled.

I would like to inform you that this agency is now in the process of developing a program on a statewide basis that will eventually lead to a resource recovery program that will lead to recovery and re-use of many of these materials.

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

Very truly yours,

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

SHU:bm



Vander Richard Butler, Jr.  
Rt. 1, Box 180-c  
Carthage, N.C. 28320

U.S. Department of Agriculture

Gentlemen,

As It seem ~~is~~ waste should no longer be a problem. What must be done is extra, but, it worth it. A lot of Aluminum Cans and Card board, and glass can be recycled. Altho, the major part of trash and rubble remains to be dealt with. Bearing crude garbage is not the best idea. I think that it should be cremated either at a garbage center, or at some factory where it can be used for fuel and energy resource. Progress may well have been underway, but I wrote this letter as sought of an advoaction concerning this project. Thank you. May God bless and guide you'al. A-Friend-In-Christ, V.R.B. Jr.

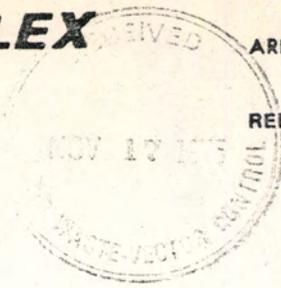


**PROCTOR-SILEX**  
SCM CORPORATION

GENERAL OFFICES: 700 W. TABOR ROAD  
PHILADELPHIA, PA. 19120  
AREA CODE 215 GLADSTONE 5-8500

*Dover Moore*

*JTR*



REPLY TO: BOX 600  
SOUTHERN PINES, N. C. 28387  
PHONE: (919) 692-7678

November 7, 1975



NOV 12 1975

Mr. Terry F. Dover  
District Sanitarian  
Solid Waste & Vector Branch  
Sanitary Engineering Section  
South Control Regional Office  
Wachovia Bldg. - Suite 506  
Fayetteville, N. C. 28301

Dear Mr. Dover:

Enclosed is an analysis of the sludge that we create here at our plant. I have also enclosed a copy of the data sheet on the Mentor Oil, which is the liquid portion of the sludge.

We anticipate that the high percentage of solid material will present no disposal problem. If more information is required, please let me know.

Very truly yours,

*Richard E. Slack*  
Richard E. Slack

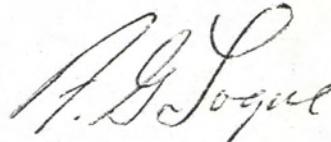
RES g

November 4, 1975

TO: R. E. Slack  
FROM: F. G. Logue  
SUBJECT: SLUDGE FROM HARPER HOUSES

Based on my knowledge of the material put into the Harper Houses,  
please be informed that a typical analysis of the sludge would be:

90% Aluminum - 380 alloy  
4% Mentor Oil  
3% Buffing Compound (Grease, Silicone Oxide)  
2% Worn Buff Shreds (Sisal & Cotton)  
Trace Sanding Grit - Aluminum Oxide  
Trace Dirt from Floor

  
F. G. Logue  
Engineer

FGL g

The values given below are the results of tests on typical samples of the product involved. Although some of the values may have been obtained from different samples, and at different times, they are believed to be typical.

Product Name	MENTOR 28		MENTOR 32
Formula Number	3200		3201
	4/69		
Gravity, °API	40.1	46.75	30.5
Viscosity @ 100° F, SSU	40.3		55.1
@ 210° F, SSU	1.58 Cs		34.0
V.I.			77.4
Flash, °F, COC	275		315
Fire, °F	300		350
Pour, °F	25		30
Color, ASTM	1-		
Con. Carbon, wt %	0.01		NIL
Aniline Pt., °F	184		173
Neutralization No.	NIL		0.01
Copper Corr. (3 hr @ 212°F)			
Rust Test, D 665A (Dist. H <sub>2</sub> O)			
Rust Test, D 665B (Salt H <sub>2</sub> O)			
Saponification No.			0.27
Sulfur, wt %	0.02		0.07
Ash, wt %			NIL
Unulfonated Res. Wt. %	91.5		85.5
Aromatics, Sil. Gel. Wt. %	13.8		25.1
R.I. @ 67°C	@ 20°C 1.4603	1.4440	1.4653
Alcoa Stain Test			5
<b>Distillation</b>			
% @ 572°F			0
% @ 698°F			98
End Point, °F			702
Olefins % FIA	6.3		6.0(4/69)
Bromine No.	0.7		
Olefins From Br. No. %	1.03		
Iodine No.	.89		
<b>Distillation, 10mm</b>			
IBP DEG F	515		4/69 310
Percent 5	537		350
10	542		355
20	551		365
30	556		370
40	560		370
50	565		375
60	570		380
70	575		385
80	580		390
90	586		400
95	592		410
FBP	602		
Autoignition Temp	545°F		
Vis @ 77°F	46.7 SSU	6.39 Cs	
FIA saturates	77.9		
olefins	8.3		
Aromatics	13.8		
Carbon type Ca	8		
CV	24		
CP	68		

January 30, 1975

Mr. B. F. Helms  
County Administrator  
County of ~~Moore~~  
Carthage, N. C. 28327

*JK*  
Dear Mr. Helms:

The Proposed Solid Waste Management Program for Moore County that you presented to this office on January 17, 1975, has been reviewed. This office approves the program as presented and if we can be of assistance in the implementation, 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. Terry F. Dover  
Mr. Floyd Dunn

County Of Moore

Carthage, North Carolina

OFFICE OF THE COUNTY ADMINISTRATOR



January 22, 1975

Mr. O. W. Strickland, Supervisor  
Solid Waste & Vector Control Branch  
Division of Health Services  
P. O. Box 2097  
Raleigh, N.C. 27602

Dear Mr. Strickland:

On Friday, January 17, 1975, I presented to you for your approval a Proposed Solid Waste Management Program for Moore County, to become effective July 1, 1975.

The County Commissioners of Moore County have tentatively approved this concept, subject to your approval.

By this letter I am requesting your approval of the Proposed Program.

Sincerely,

*B. F. Helms*  
B.F.

B. F. Helms  
County Administrator

BFH:jf

OFFICE OF THE COUNTY PLANNER



County Of Moore

Carthage, North Carolina JJK

TELEPHONE: 919-947-5800



May 20, 1974

Mr. O.W. Strickland, Supervisor  
Solid Waste Management Unit  
Solid Waste & Vector Control Branch  
Sanitary Engineering Section  
P.O. Box 2091  
Raleigh, North Carolina 27602

Dear Mr. Strickland:

This letter is in response to your letter dated April 29, 1974.

We requested assistance and advice in March on our situation and Mr. Foscue suggested we confer with Mr. Terry Dover when he assumed duty as District Sanitarian in this area. Mr. Dover and Mr. Floyd Dunn, Sanitarian, visited me on May 15th and reviewed our position in detail. I believe we have a thorough understanding.

We are making every effort to go from four landfills into a one landfill operation. We have closed one site without public trauma; the next two will be more difficult.

In answer to your question regarding compliance by July 1, 1974, we will make every effort; however, we are certain it will be difficult. We will complete the engineering on the site we expect to keep open by July 1, 1974.

We will keep you informed of the progress. Thank you for your understanding of our transition period.

Yours very truly,

B.F. Helms  
County Planner

BFH/jhw

April 29, 1974

Mr. B. F. Helms  
~~Moore County Planner~~  
Courtthouse *JJR*  
Carthage, N. C.

Dear Mr. Helms:

This office is evaluating each county solid waste disposal program for compliance with the Division of Health Services Rules and Regulations. While Moore County has spent much money and has made some progress in solid waste management, the disposal sites are not in compliance. This has been called to your attention on numerous occasions. We are fast approaching the date of July 1, 1974, when all sites must be in full compliance.

This office requests that it be informed as to when we can expect the Moore County sites to be in full compliance including proper plans. This information is needed as soon as possible so that we can inform all municipalities, private collectors and industry that they must use approved sites on or before July 1, 1974.

Thanking you in advance for your cooperation, and 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. W. Sidney Taylor  
Moore County Health Dept.  
Attn: Mr. E. Floyd Dunn  
Mr. Terry Dover

NORTH CAROLINA  
STATE BOARD OF HEALTH  
REGIONAL OFFICE  
ASHEBORO



October 12, 1973

Mr. B. F. Helms  
Moore County Planner  
Carthage, North Carolina 28327

Dear Mr. Helms:

I am in receipt of a carbon copy of your letter dated September 21, 1973 to Mr. Willard K. Keller, District Soil Conservationist, regarding required geological data for sanitary landfill site approval.

The regulations do require sub-surface exploration to depths of at least 10' below proposed excavation and at the lowest elevation on the site. This information has been required in other landfills around the State and will be required before Moore County landfills can be approved.

If you have further questions regarding this matter, I would appreciate hearing from you.

Sincerely yours,

Julian M. Foscue, III, District Sanitarian  
Solid Waste & Fector Control Branch  
Sanitary Engineering Section

JMF/bj

cc: Mr. Floyd Dunn  
Mr. O. W. Strickland



*JH*

September 12, 1973

Mr. Bruce Yarrington  
Moore County Planning Office  
P.O. Box 905 *JTR*  
Carthage, North Carolina 28327

Dear Mr. Yarrington:

Enclosed please find a number of publications relating to solid waste management which I feel will be helpful to you.

I talked with Mr. Jerry Perkins of the North Carolina Solid Waste Program, and he is most willing to assist you in any way possible. May I suggest that you contact him in Raleigh.

I enjoyed talking with you by telephone today. If we can be of further service, please contact us.

Sincerely,

Lawrence J. Hyde  
Manpower Development Specialist

MDB/LJH/cvd  
cc: Regional Administrator  
Reading File  
Subject File  
Elmer Cleveland  
Jerry Perkins

OFFICE OF THE COUNTY PLANNER

County Of Moore

Carthage, North Carolina



TELEPHONE: 919-947-5800

September 21, 1973

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

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

Gentlemen:

Enclosed please find a copy of a letter regarding soil data for our landfills. Would you care to comment on the SCS comment that the soil borings are not required in making a plan?

Thank you for your recent visit; we look forward to your visit on October 3rd and the instruction you will give to our landfill attendants and operators.

Yours very truly,

B. F. Helms  
County Planner

BFH/bs

✓ Enclosure



# MOORE COUNTY PLANNING OFFICE

P. O. Box 905, CARTHAGE, NORTH CAROLINA 28327

Telephone: (919) 947-5800

August 7, 1973

N. C. State Board of Health  
Solid Waste Management Unit  
P. O. Box 2091  
Raleigh, North Carolina 27602

Attention: Mr. O. W. Strickland

Dear Mr. Strickland:

Moore County is presently operating four landfill sites. A map indicating the location of these sites is attached. In addition to the landfill system, Moore County has contracted with Liebers Sanitation Service of Fayetteville, North Carolina for a refuse collection service (via the container system) within the rural areas of the County. It is anticipated that the container system will curtail the use and operation of one or two of the County's existing landfill sites.

Moore County is continuing to study and evaluate its Solid Waste Program. Soils surveys have been carried out at each site and a detailed soils map of each site is now being prepared. As this information becomes available, engineering will be performed on each site.

If I may be of any further assistance, please contact me.

Yours very truly,

Bruce Yarrington  
Assistant to the  
County Planner

BY/bs

✓ Attachment

**MOORE COUNTY, N. C.**



July 31, 1973

Mr. B. F. Helms  
Moore County Planner  
Carthage, North Carolina 28327

*dlk*  
Dear Mr. Helms:

We are reviewing the county solid waste disposal programs over the State. As you are aware, all sites must be in compliance with the North Carolina Department of Human Resources, Division of Health Services, "Rules and Regulations Providing Standards for Solid Waste Disposal" on or before July 1, 1974.

It is requested that this office be informed by letter as to the status of the Moore County program. When I visited you last, it had not been decided as to the number of sites to be operated.

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

Sincerely yours,

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

cc: Mr. Floyd Dunn  
Mr. Julian Foscoe

OWS:clf

June 15, 1973

Mr. Bruce Yarrington  
Assistant to the County Planner  
~~Moore~~ Moore County Planning Office  
Post Office Box 905 *JJK*  
Garthage, North Carolina 28327

Dear Mr. Yarrington:

Your letter of May 29, 1973, to Mr. Emil S. Breckling in reference to training programs has been forwarded to me for reply.

A three-day workshop on "Elements of Solid Waste Management" was completed on May 18, 1973. Our enrollment was limited due to space.

Your name will be placed on our mailing list for future workshops or seminars on solid waste management.

Sincerely,

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

OWS:bm

STATE OF NORTH CAROLINA  
DEPARTMENT OF NATURAL AND ECONOMIC RESOURCES

Box 27687

Raleigh 27611



JAMES E. HOLSHOUSER, JR.  
GOVERNOR

JAMES E. HARRINGTON  
SECRETARY  
TELEPHONE  
AREA CODE 919-829-4984

June 1, 1973

JUN 5 1973

MEMORANDUM

TO: Mr. O.W. Strickland

FROM: Oliver Howell

Emil Breckling, Training Officer of the N.C. Department of Natural and Economic Resources, asked me to turn this letter from Bruce Yarrington over to you, since it concerns one of your courses.

OH: cw



# MOORE COUNTY PLANNING OFFICE

P. O. Box 905, CARTHAGE, NORTH CAROLINA 28327

Telephone: (919) 947-5800

May 29, 1973

Mr. Emil S. Breckling, Director  
Training Section  
State of North Carolina  
Department of Natural and Economic Resources  
Box 27687  
Raleigh, North Carolina 27611

Dear Emil:

We have discussed several times training programs that are sponsored by various State agencies. At present we are interested in any training programs which the State may offer with regard to health services, in particular landfill operations and techniques. Do you know of any such programs which are scheduled to be conducted this year? If so, would you inform me as to when these programs will be offered and what sponsoring agency should be contacted.

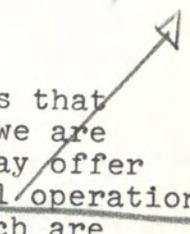
I would like to take this opportunity to thank you in advance for your assistance in this matter.

Yours very truly,

*Bruce*  
Bruce Yarrington  
Assistant to the  
County Planner

BY/bs

*M.D.W. Steinfeld*



829 3589

834 | 311

*Moore*

*J+R*

April 11, 1973

Mr. George Wienken  
Post Office Box 96  
Robbins, North Carolina 27325

Dear Mr. Wienken:

The enclosed report has been prepared following our investigation of your complaint to Governor Holshouser regarding the litter problem in Moore County. I feel sure that with the implementation of the recommended solid waste program, a great improvement will be seen as far as the litter problem is concerned.

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. Julian M. Foscoe, III  
Governor's Office  
Mr. Marshall Staton

STATE BOARD OF HEALTH  
SANITARY ENGINEERING DIVISION  
RALEIGH, NORTH CAROLINA

REPORT OF INVESTIGATION OR INSPECTION OF Solid Waste Complaint

Place visited Robbins Rest Home Date April 2, 19 73

Address Robbins, N.C. 27325 Time spent 1 hour

Mr. E. Floyd Dunn, R.S., Sanitarian Supervisor, Moore County Health Dept.

By whom Julian M. Foscue, III, District Sanitarian, N.C. State Board of Health

Persons contacted Mr. George Wienken, Complainant  
(Owner, agent, tenant, manager, other)

Reason for visit Mr. Wienken's Letter of Complaint to Governor Holshouser

Copies to: Governor James E. Holshouser, Jr.  
Mr. E. Floyd Dunn, Sanitarian Supervisor, Moore County Health Dept.,  
Carthage, N.C.  
Mr. George Wienken, P.O. Box 96, Robbins, N.C. 27325

**REPORT:**

On April 2, 1973, Mr. E. Floyd Dunn and I visited the Robbins Rest Home and talked to Mr. George Wienken regarding his February 15, 1973 letter of complaint to Governor Holshouser. Mr. Wienken is concerned about the roadside litter problem that has developed in Moore County.

Mr. Dunn and I advised Mr. Wienken that Moore County officials are considering implementing a container system of waste collection for the rural residents of the county. The container system is recommended by the State Board of Health and has been most effective in reducing the litter problem in other areas of North Carolina.

**Conclusion:**

Mr. Wienken appeared pleased that measures, which will help alleviate the roadside litter problem, are being considered by county officials.

JMF,III:clf

Moore

J+R

(Robbins Rest Home)

March 12, 1973

Mr. George Wienken  
Post Office Box 96  
Robbins, North Carolina 27325

Dear Mr. Wienken:

Your letter of February 15, 1973, to Governor Holshouser has been referred to this office for reply.

In regard to your questions concerning the conditions at the Robbins Rest Home, I have discussed with Social Services personnel and find that this home is licensed by that agency. The State Board of Health institution regulations that apply to rest homes are only applicable to those housing six or more individuals. I suggest that you contact Mrs. Margaret H. Paris, Chief, Services to Adults, Office of Social Services.

I can appreciate your concern over the litter problem that has developed not only in Moore County but in other areas of North Carolina. I will send a copy of your letter to Mr. Julian M. Foscue, III, District Sanitarian, requesting that he contact proper officials in Moore County regarding this matter.

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

Very truly yours,

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

SHU:bn

cc: Mr. Julian M. Foscue, III  
Governor's Office  
Mr. Marshall Staton

Mr. Ury

I checked with Social Services and find that Robbins Rest Home is licensed by Social Services, cares for 5 or less patients, and is not covered by the State Board of Health Institution regulations, which apply to rest homes (as well as other types of places) housing 6 or more.

That part of the letter should be referred to

Mrs. Margaret H. Paris, Chief  
Services to Adults  
Office of Social Services

ja 3/9/73

① Mr. Staton  
② Mr. Ambrose  
~~Mr. Staton~~

Mr. Staton -

① principal investigator get information and <sup>from other</sup> ~~report~~ include with your letter.

Would you handle please, and send back through Bobbie.

Thanks,

Jake

RECEIVED

MAR 8 1973

SANITARY ENGINEERING  
DIVISION

3-7



COPY

STATE OF NORTH CAROLINA  
GOVERNOR'S OFFICE  
RALEIGH 27611

JAMES E. HOLSHOUSER, JR.  
GOVERNOR

March 1, 1973



Mr. George Wienken  
Post Office Box 96  
Robbins, North Carolina

Dear Mr. Wienken:

Thank you for your recent letter. I have forwarded it to Dr. Jacob Koomen, Director of the Board of Health. He will be getting in touch with you as soon as possible with an answer.

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

Sincerely,

A handwritten signature in dark ink, appearing to read "JEA".

James E. Holshouser, Jr.

JEHjr/cdc

CC: Dr. Jacob Koomen

Jim King

Feb. 15-73

Sir Governor James Halhouse

about the real meaning of the word Care I wish you would take in situation consideration our filthy roads in N. Car. its all an hell for I wish you would scout some of these roads in W. Va county start anywhere at cartage and then towards Robbins N. Car and 705 they are just filthy with carbage Please do something about the word Care means alot. Lets work together on all our projects and make them work. this means clean up roads like N. Va says bring us together on clean up day

What is the law on rest rooms in Rest home the my wife ~~and~~ and it take care of all receipts share with the ~~Pat~~ I always thought you had to have one for your workers to Please keep this out and let me know I wish the health department be stricter in regard all on home and a christian home

Please let me know  
 Box 96  
 W. Carolina  
 Robbins

These rest home are most off  
patients out of the state hospital  
all through they be more strict  
we got patients they used the  
bath room 90% out of 24 hr day.  
alot of times we have to go  
out side we told the boys about  
it and he don't pay any attention  
is there something can be done about  
it

lets check these rest home  
there is a lot of work being done  
to get in or wellfare

We are in Robbins rest home

Geo C. Wiemken

Boy 96

N. car.

Retired Lutheran Pastor

*More  
done*

November 29, 1972

Mr. Norman Black, General Manager  
Mobile Products Division of  
Troy Lumber Company  
Southern Pines, North Carolina 28387

Dear Mr. Black:

I am sending a copy of your letter to Mr. Julian M. Foscue, III, District Sanitarian, requesting that he visit Southern Pines and discuss site approval and the necessary requirements for sanitary landfill operations.

Very truly yours,

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

SHU:bm  
cc: Mr. Julian M. Foscue, III

# MOBILE PRODUCTS

DIVISION OF TROY LUMBER COMPANY, SOUTHERN PINES, NORTH CAROLINA 28387



November 17, 1972

RECEIVED

NOV 20 1972

SANITARY ENGINEERING  
DIVISION

✓  
Mr. Sidney Usry  
Chief Solid Waste & Vector Control Section  
State Board of Health  
Box 2091  
Raleigh, N. C. 27602

Dear Sir:

This is a request for site location appraisal for a solid waste landfill to serve our private needs to dispose of manufacturing waste generated at our mobile home plant.

Waste generated will consist of paper, cardboard boxes, steel straps, wood trimmings, sawdust, and small amounts of other building materials.

Your early appraisal of our proposed site will be greatly appreciated.

Sincerely yours,

MOBILE PRODUCTS DIVISION  
of TROY LUMBER COMPANY

*Norman Black*  
NORMAN BLACK, General Mgr.

NB/mm

*Moore*  
*JJK*

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

**REPORT OF INVESTIGATION OR INSPECTION OF** Odell Monroe Disposal Site

Place visited Odell Monroe Disposal Site Date August 3 19 72

Address Route 1, Aberdeen, N. C. Time spent 2 hours

By whom E. Floyd Dunn, Sanitarian Supervisor, Moore County Health Department  
Julian M. Foscue, III, District Sanitarian, State Board of Health

Persons contacted Mr. Odell Monroe, Owner  
(Owner, agent, tenant, manager, other)

Reason for visit Inspection of Non-conforming Site

Copies to: Mr. E. Floyd Dunn, R.S., Sanitarian Supervisor, Moore County Health Department  
Mr. Odell Monroe, Route 1, Aberdeen, N. C.

**REPORT:**

On August 3, 1972, Mr. Floyd Dunn, Sanitarian Supervisor of the Moore County Health Department and I visited a disposal site on property owned by Mr. Odell Monroe, Route 1, Aberdeen, North Carolina.

Conversation with Mr. Monroe revealed that he has recently granted permission to Mr. Claude Ray, Private Collector, and Lee Paving Company to use this area for solid waste disposal. Mr. Monroe further stated that prior to this he had granted permission to a private collector to dispose of solid waste from the J. P. Stevens and Company in the same area. Mr. Monroe was not sure when he gave permission for the disposal of J. P. Stevens' waste but indicated it was two or three years ago. J. P. Stevens' waste is no longer received at this site.

Mr. Monroe expressed a desire to continue operating a solid waste disposal site and indicated he would submit necessary plans. Mr. Dunn agreed to assist Mr. Monroe upon request.

It is expressly understood that all proposals and plans must be accompanied by a letter of approval from the local governmental agency having jurisdiction over the area where the operations are to be located.

**Recommendations:**

1. Existing solid waste should be compacted and covered.
2. If disposal operations are to continue, site approval and operational plans must be submitted to the State Board of Health in triplicate.
3. A time schedule for accomplishing the above and bringing this operation into compliance with the solid waste regulations must be submitted to the State Board of Health.

JMF:bm

*Moore*

*J + R*

May 23, 1972

Mrs. Jane S. Everett, President  
Women's Environmental Club  
Post Office Box 1104  
Aberdeen, North Carolina 28315

Dear Mrs. Everetts:

In reply to your letter of May 19, 1972, I have discussed the status of the solid waste disposal facility operated by Mr. Ray with Mr. Gary Fore, Office of Water and Air Resources.

Following the report of Mr. Julian M. Foscoe, III, regarding his investigation of this facility, this office contacted the Office of Water and Air Resources regarding the status of the burning permit that had been issued to Mr. Ray. It was requested that they investigate the possibility of the cancellation of this permit since adequate disposal facilities were available for use by Mr. Ray. I was informed by Mr. Fore that Mr. Ray was notified on April 20, 1972, regarding the availability of the county operated sanitary landfill and of their intentions regarding the burning permit. It is my understanding that they have received no information from Mr. Ray and that they intend to take appropriate action regarding this matter.

If I can provide you with 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. Richard G. Fore  
Dr. Alfred G. Siege

# Women's Environmental Club

Member



P. O. Box 1104

Aberdeen, North Carolina 28315

May 19, 1972

## RECEIVED

MAY 22 1972

SANITARY ENGINEERING  
DIVISION

Mr. Sidney H. Usry, Chief  
North Carolina State Board of Health  
Sanitary Engineering Division  
Raleigh, N.C.

Dear Sir:

Mr. Julian M. Foscue, III, District Sanitarian, North Carolina State Board of Health, visited a garbage disposal site operated by Mr. Claude Ray, in Aberdeen, N.C. on 16 March, 1972. Mr. Foscue's report to us states that he explained to Mr. Ray that open burning of solid waste was prohibited and that this should be discontinued since county operated disposal facilities were available. Also, he stated that he had advised Mr. Ray concerning the requirements for establishing and operating a sanitary landfill if he so desired.

Since Mr. Foscue's inspection of this disposal site, Mr. Ray has continued his open burning and dumping. No attempt at all has been initiated by Mr. Ray to establish a sanitary landfill. He consistently refuses to use the county landfill facilities. Numerous complaints regarding this nuisance continue to be received by our Club, the Director of our County Board of Health and our County Sanitarian.

Our County Attorney, Mr. Boyette, has been asked by Dr. Siege, our Health Director, to obtain an injunction against Mr. Ray. In my conversation yesterday with Mr. Boyette, he advised our Club that he intended taking no action against Mr. Ray until the expiration of his burning permit then action would be taken only if Mr. Ray continued to burn after the expiration date.

We feel that we also must say that Mr. Boyette, the County Attorney, also stated the following reasons for not issuing an injunction now:

1. Since Mr. Claude Ray was Black he did not want to take any action now that might create an incident.
2. That if he took action now against Mr. Ray - why not also against the Town of Aberdeen which is also open burning.

We see no cause for either of these facts to enter into this case. In its new proposed budget Aberdeen will start using the county landfill as of July, 1972. And, as far as we are aware the Town of Aberdeen has not violated the terms of its burning permit.

# Women's Environmental Club

Member



P. O. Box 1104

Aberdeen, North Carolina 28315

Mr. Sidney H. Usry, Chief

- 2 -

May 19, 1972

The fact that Mr. Ray is Black does not enter into our interpretation of the facts concerned in this case.

What we feel does enter is the fact that Mr. Ray has violated the terms of his burning permit by creating a public nuisance by refusing to use the county landfill which is available and by continuing to openly burn.

From our investigation of the facts concerning this disposal site, we construe that Mr. Ray is using the privilege of his burning permit to openly defy the public health nuisance laws, N. C. State Board of Health recommendations, Moore County Board of Health Recommendations and the terms under which a burning permit is issued.

If the North Carolina State Board of Health can provide us with any additional assistance to close this disposal site, we shall appreciate it.

Very truly yours,

(Mrs.) Jane S. Everett,  
President

JSE:ats

Moore Co ✓ *Staley*  
*err*

STATE BOARD OF HEALTH  
SANITARY ENGINEERING DIVISION  
RALEIGH, NORTH CAROLINA

REPORT OF INVESTIGATION OR INSPECTION OF Solid Waste Complaint

Place visited Claude Ray Disposal Site Date March 16 1972

Address Aberdeen, N. C. Time spent 2 hours

By whom Floyd Dunn, Sanitarian, Moore Co. Health Dept.; Julian M. Foscue, III, District Sanitarian, N. C. State Board of Health

Persons contacted Claude Ray, Site Owner; Mrs. Jane Everett, President, Women's Environmental Club  
(Owner, agent, tenant, manager, other)

Reason for visit Complaint by Women's Environmental Club to State Board of Health

Copies to: Dr. Alfred Siege, Health Director, Moore County Health Department, Carthage, N.C.  
Mr. Floyd Dunn, Sanitarian Supervisor, Moore County Health Department  
Mrs. Jane Everett, President, Women's Environmental Club, P.O. Box 1104, Aberdeen, N. C. 28315

**REPORT:**

Mr. Floyd Dunn and I visited a solid waste disposal site located approximately 250 yards off Poplar Street extension outside the town limits of Aberdeen, North Carolina. Mr. Claude Ray, a private solid waste collector, owns and operates this open dump.

At the time of our visit, the site was burning. Conversation with Mr. Dunn revealed that this disposal site has been a problem for some time. The Moore County Health Department has answered numerous complaints regarding the nuisance and danger of this open, burning dump and the local fire department has been called to the site to control fires.

During my conversation with Mr. Ray, I explained that open burning of solid waste is prohibited and that the operation should be discontinued since county operated disposal facilities are available.

Mr. Ray expressed a desire to maintain a solid waste disposal site and I advised him concerning requirements for establishing and operating a sanitary landfill.

JMF:bm

*Moore*  
*lxh*

March 8, 1972

Mrs. Jane S. Everett  
President  
Women's Environmental Club  
Post Office Box 1104  
Aberdeen, North Carolina 28315

Dear Mrs. Everett:

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

Mr. Foscue will contact you and discuss his findings and recommendations.

Very truly yours,

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

SHU:bm  
cc: Mr. Julian M. Foscue, III

# Women's Environmental Club

Member



P. O. Box 1104

Aberdeen, North Carolina 28315



7 March, 1972

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

Dear Sir:

Enclosed are two letters to the Moore County Health Director regarding an open and burning dump in this area.

Any effort the State Board of Health could make to alleviate this nuisance would be appreciated.

Sincerely,  
Jane S. Everett  
President

RECEIVED

MAR 8 1972

SANITARY ENGINEERING  
DIVISION

Mrs. John P. Stanley Jr.  
John P. Stanley Jr.

Mrs. Nell Johnson  
Mr. Neil Johnson  
Mrs. Beatrice Patten  
Mr. Vernon Patten

# Women's Environmental Club

Member



P. O. Box 1104

Aberdeen, North Carolina 28315

March 2, 1972

Doctor Alfred Siege, Health Director  
Moore County Health Department  
Carthage, North Carolina 28327

Dear Sir:

An open and burning dump operated by Mr. Claude Ray, a private garbage collector, located approximately 250 yards off Poplar Street Extension outside the town limits of Aberdeen, North Carolina, is of grave concern to the residents of this area.

The dangers of this open and burning dump providing food and harborage for rats, flies and other pests; its potential as a source of disease and accidents; its contribution to air and water pollution are already evident to the citizens of this area.

As responsible and concerned community citizens, we are asking in behalf of those whose signatures appear below what steps the Moore County Board of Health can take to alleviate this problem.

Below are the signatures of the community citizens concerned with action being taken to eliminate this problem.

Sincerely,

Jane F. Eckert

Mrs. J. W. Deal - Aberdeen, N. C.

Allie Gale

C. T. Gale

Mrs Ed Laurent

Edna E. Maurer

J. O. Sington

W. B. Tuck

Mrs. Medred R. Wilson

Mr. Julian T. Wilson

Larry Shaw

Ron Shaw

Mr. & Mrs. Daniel W. Williford

Mr & Mrs B. D. Shoe

Mrs Neill Johnson

Mr Neill Johnson

Mrs. Headie Patten

Mr. Vernon Patten

Mrs John P. Stanley Jr.  
John P. Stanley Jr.

# Women's Environmental Club

Member



P. O. Box 1104

Aberdeen, North Carolina 28315

March 2, 1972

Doctor Alfred Siegel, Health Officer  
Moore County Health Department  
Carthage, North Carolina 28327

Dear Sir:

Enclosed please find a letter regarding a public health nuisance.

Under the State Public Health Nuisance Law ( N. C. Gen. Stat. 130-20) which provides for notification of the responsible persons to abate the nuisance and for court action, if necessary, and under N. C. Gen. Stat. 130-205, which provides for a local health director or his representative to bring an action in the Superior Court to obtain an injunction against any persons who either is violating or threatens to violate health laws or regulations, we are asking you to please take action in behalf of these concerned citizens and aid them in regard to this public health nuisance.

Sincerely,

(Mrs.) Jane S. Everett  
President

JSE:T  
Enc.



*Moore*  
*J+R*

February 15, 1972

Mr. Roy Harris  
Standard Mineral Company  
Robbins, North Carolina 27325

Dear Mr. Harris:

I have been unable to find information regarding the use of mines for solid waste disposal. There has been some work done on this in Maryland but I do not believe that a publication has been made at the present time.

I am enclosing a copy of the North Carolina State Board of Health "Rules and Regulations Providing Standards for Solid Waste Disposal" as requested by you.

I am looking forward to meeting with the group in Greensboro and will find time to discuss mine disposal with you at that time.

Very truly yours,

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

SHU:bm  
Enclosure

November 17, 1971

Mr. W. F. Ritter, Jr.  
Science Club Advisor  
North Moore High School  
Route 1  
Robbins, North Carolina 27325

Dear Mr. Ritter:

I am attaching a copy of the North Carolina State Board of Health "Rules and Regulations Providing Standards for Solid Waste Disposal." I think you will find that these rules and regulations are very specific in regard to the satisfactory and proper methods of disposal of solid waste.

I am enclosing a copy of a bill adopted by the 1971 General Assembly pertaining to the disposal of dead domesticated animals.

I hope that this information will be of some value to you.

Very truly yours,

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

SHU:bm  
Enclosures

*Moore*  
*SRK*

# NORTH MOORE HIGH SCHOOL

ROUTE 1, ROBBINS, NORTH CAROLINA

November 12, 1971

RECEIVED

NOV 16 1971

George E. Pickett, Director  
N.C. Department of Water & Air Resources  
Raleigh, N.C. 27602

SANITARY ENGINEERING  
DIVISION

Dear Mr. Pickett,

Please send me a summary of the public bills and resolutions relating to environmental matters adopted by the 1971 General Assembly.

The North Moore Science Club is considering a project related to the problem of illegal dumping of garbage and dead animals.

I would appreciate specific information on laws related to dumping on state road "right of ways" and private land.

Sincerely,

W.F. Ritter, Jr.  
Science Club Advisor

*Sanitary Eng. Div.  
Please handle.*



RECEIVED

NOV 15 1971

N. C. Dept. of Water & Air Resources  
Raleigh, N. C.

June 10, 1971

Mr. Floyd Dunn, R. S.  
Sanitarian Supervisor  
Moore County Health Department  
Carthage, North Carolina 28327

*WJR*  
Dear Mr. Dunn:

Listed below are my observations and approval of the three tracts of land that we visited on June 9, 1971, for sanitary landfill sites to serve Moore County.

Site #3 (45 acres)

This site is well located to serve the proposed area. It is isolated and easily accessible. There was some evidence of surface rock but due to the size of the area, I do not think this will limit the site to any great extent.

Site #3 is approved for a sanitary landfill.

Site #4 (26.7 acres)

This site is well located. There is no evidence of a rock or water problem. The access road will be rather long.

Site #4 is approved for a sanitary landfill.

Site #5 (30 acres)

This site is well located. There is no evidence of a rock or water problem.

Site #5 is approved for a sanitary landfill.

Sincerely,

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

OWS:bm

cc: Dr. Alfred G. Siege

*Maer*  
*JJR*

December 4, 1970

Mr. Leonard Tufts  
Pinehurst  
North Carolina 28374

Dear Mr. Tufts:

In regard to your proposed visit to the Composting Research Project, Johnson City, Tennessee, I suggest that you write Mr. John S. Wiley, Tennessee Valley Authority Composting Project, Johnson City, Tennessee. I am sure that he will be glad to provide you with information and talk with you in regard to the success of this project.

Very truly yours,

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

SHU:bm

✓ Moore  
LHR

March 13, 1970

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

RE: Clearinghouse Notification No. 70-0129

Dear Mr. Hendricks:

The North Carolina State Board of Health has been interested in the establishment of a solid waste disposal program for Moore County. This agency has provided technical assistance in preparing a satisfactory plan for solid waste disposal. I feel that financial assistance that might be provided by this request will add great interest to the implementation of this plan.

Very truly yours,

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

SU/mg

cc: Mr. B. Gene Barrett

DEPARTMENT OF ADMINISTRATION  
State Planning Division  
Clearinghouse and Information Center  
Raleigh, North Carolina 27602

NOTIFICATION REFERRAL

ACTION REQUESTED

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

Agency State Board of Health

Address \_\_\_\_\_

Re: Clearinghouse Notification No. 70 - 0129

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

TELEPHONE RESPONSE REQUESTED BY March 16, 1970

WRITTEN RESPONSE REQUESTED BY March 25, 1970

In each response, please refer to the Clearinghouse Notification No. shown above.

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

Please reply to: Randolph Hendricks, Planning Coordinator  
State Planning Division  
Telephone 829-4131

**APPLICATION**  
**FEDERAL ASSISTANCE FOR**  
**PUBLIC WORKS AND FACILITY**  
**TYPE PROJECTS**

(Please read the Instructions before completing this application. Submit application in original and one copy. Attach additional sheets if necessary.)

**DO NOT WRITE IN THIS AREA - FOR GOVERNMENT USE ONLY**

IA NO.	R E F E R R A L			
	AGENCY	DATE RECEIVED	DATE REFERRED	TO

AGENCIES ASSUMING JURISDICTION			
AGENCY	DATE	PROJECT COMPONENT	PROJECT NO.

1A. APPLICANT (Exact legal name or proposed name if not incorporated)  
**Moore County** **Moore** **North Carolina** **28327**  
 CITY OR TOWN (County) (State) (Zip code)

1B. TYPE OF ORGANIZATION (Check appropriate box)  
 STATE GOV. AGENCY  LOCAL GOV. UNIT  NON-PROFIT ORGANIZATION  OTHER (Specify)

**2. LOCALITIES TO BE SERVED**

CITIES, TOWNS, OR AREAS (List separately)	COUNTY	P O P U L A T I O N		
		1960	CURRENT (Est.)	TO BE SERVED BY PROJECT
<b>Moore County</b>	<b>Moore</b>	<b>36,773</b>	<b>40,000</b>	<b>40,000</b>

**3. DESCRIPTION AND PURPOSE OF PROPOSED PROJECT**

A. DESCRIPTION  
**Land fills and equipment for solid waste disposal urgently needed in all areas of county.**

B. PUBLIC INTEREST AND NECESSITY  
**All areas of Moore County need and will benefit from the facility. No town in the county exceeds 5500 population based on 1960 census.**

C. PLANNING AGENCY (County, Multi-county, Regional, etc.)

REVIEWED BY PLANNING AGENCY (Attach comments)  NOT REVIEWED BY PLANNING AGENCY (If not, explain)

4. METHOD OF FINANCING (In thousands of dollars)

SOURCE OF FUNDS	C O M P O N E N T S				TOTAL (5)
	W A S T E		WATER (3)	OTHER (Describe in G. below) (4)	
	TREATMENT (1)	COLLECTION (2)			
A. FEDERAL GRANT REQUESTED	\$	\$	\$	\$ 27,400.	\$
B. FEDERAL LOAN REQUESTED				0	
C. OTHER FEDERAL CONTRIBUTION				0	
D. STATE CONTRIBUTION				0	
E. APPLICANT CONTRIBUTION				41,100.	
F. ESTIMATED TOTAL PROJECT COST	\$	\$	\$	\$ 68,500.	\$
G.					

5. OTHER FEDERAL ASSISTANCE - PREVIOUS OR PENDING

NAME OF AGENCY	TYPE OF ASSISTANCE	INDEBTEDNESS OUTSTANDING, IF ANY	AMOUNT REQUESTED

The applicant represents that the data in this application are true and correct to the best of his knowledge and belief and that the filing of this application has been duly authorized by the governing body of the applicant.

EXACT LEGAL (Corporate) NAME OF APPLICANT (If unincorporated, enter proposed name)

Moore County, North Carolina

ATTEST (Signature of attesting officer)

BY (Signature of authorized officer)

Audrey McCaskill

John M. Currie

TITLE

TITLE

Clerk, Moore County Board of Commissioners

Chairman, Moore County Board of Commissioners

NOTE: Additional Information May Be Requested To Support This Application.

(DO NOT WRITE IN THIS SPACE - FOR GOVERNMENT USE ONLY)