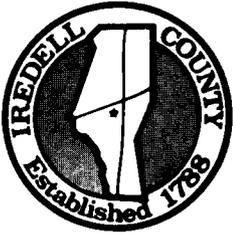


4903Permit1993 - Batch No. _____

13.

FREDELL O.

4903/1993



IREDELL COUNTY

Post Office Box 788
Statesville, North Carolina 28687-0788

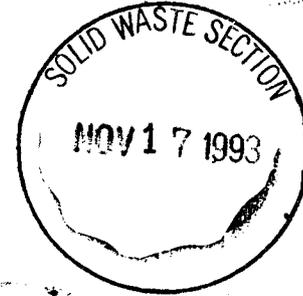
(704) 878-3000
(704) 663-1616

November 16, 1993

North Carolina Department of Environment, Health
and Natural Resources
Division of Solid Waste Management
P.O. Box 27687
Raleigh, North Carolina 27611-7687

Attn: Mr. Ellis Cayton, P.E.

Re: Recorded Certified Copy of Operational Permit
Module One, Iredell County
Permit Number 49-03



Dear Mr. Cayton:

As required, we are returning the certified copy of the above -mentioned Operational Permit for the Iredell County Lined Landfill. Also included is a copy of the Certified Copy of the Permit to Construct, which was recorded as Exhibit A of the Operational Permit. You will recall that our discussions centered around the need to reference the County's property that is being used as a landfill in the operational permit. Since the Operational Permit had already been written and certified, it was your suggestion that the Permit to Construct be recorded with the Operational Permit because it did reference the property. We are retaining the Certified copy of the Permit to Construct in our files.

Should you have any questions, do not hesitate to contact me at 704/878-3054.

Sincerely,

A handwritten signature in cursive script that reads "H. Carson Fisher".

H. Carson Fisher, P.E.

Enclosures

cc: Alice Fortner, Clerk to the Board
Joel Mashburn, County Manager
Ron Weatherman, Solid Waste Director

State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Solid Waste Management

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary



October 20, 1993

Mr. Joel Mashburn, County Manager
Iredell County
P.O. Box 788
Statesville, North Carolina 28677

RE: Minor Modification to Permit No. 49-03

Dear Mr. Mashburn:

The Section inadvertently omitted two important permit conditions from both the permit to operate, of which a facsimile was sent to your staff on October 8, 1993, and the permit to construct. The following conditions have now been incorporated as part of the effective permit conditions for Permit No. 49-03.

1. This permit shall not be effective unless the certified copy is filed in the Register of Deeds Office, in the grantor index under the name of the owner of the land in the county or counties in which the land is located. After recordation, the certified copy shall be returned to the Solid Waste Section and shall have indicated on it the page and book number, date of recordation, and the Register's seal.
2. When this property is sold, leased, conveyed or transferred, the deed or other instrument of transfer shall contain in the description section in no smaller type than that used in the body of the deed or instrument, a statement that the property has been used as a sanitary landfill.

These conditions can be found in ATTACHMENT 3 - Specific
Conditions of the permit to operate.

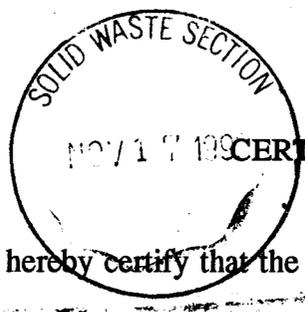
Should you have any questions concerning this minor permit
modification, please feel free to contact the Section at (919)
733-0692.

Sincerely,

Ellis Cayton

Ellis Cayton, P.E.
Solid Waste Section

cc: Carson Fisher, P.E.
Jim Woodie, P.E.
Jim Coffey
Julian Foscue
Anthony Foster
Jan McHargue



CERTIFIED COPY OF SOLID WASTE PERMIT

I do hereby certify that the attached PERMIT is an exact and true copy of Permit No. 49-03.

James C. Coffey
James C. Coffey, Supervisor
Permitting Branch
Solid Waste Section
Division of Solid Waste Management

North Carolina
JOHNSTON COUNTY

FILED
IREDELL COUNTY
93 NOV 16 AM 11:26
BRENDA D. BELL
REGISTER OF DEEDS

I, , a Notary Public for said County and State, do hereby certify that James C. Coffey,
Solid Waste Section personally appeared before me this day and acknowledged the due execution
SUPERVISOR
of the foregoing instrument.

Witness my hand and official seal, this the 19th day of
October, 1993.



Sue S. Hodge
NOTARY PUBLIC

My commission expires October 21, 1995.

STATE OF NORTH CAROLINA — Iredell County

The foregoing certificate(s) of Sue S. Hodge, NP

is ~~(are)~~ certified to be correct. This instrument was presented for registration this day and hour and duly recorded in the office
of the Register of Deeds of Iredell County, North Carolina in Book 901, Page 1509.

This 16th day of November, A.D., 19 93 at 11:26 o'clock A.M.

Brenda D. Bell
REGISTER OF DEEDS

By: Darryl P. Morrison
ASST. DEPUTY/REGISTER OF DEEDS



NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

DIVISION OF WASTE MANAGEMENT



JAMES B. HUNT JR.
GOVERNOR

WAYNE McDEVITT
SECRETARY

WILLIAM L. MEYER
DIRECTOR

FACILITY PERMIT NO: 49-03

Part 1-Permit to Construct

Date of Issue: January 5, 1998

Date of Original Issue: October 8, 1993

Amendment Date: Not Applicable

Page 1

**MUNICIPAL SOLID WASTE LANDFILL
FACILITY PERMIT**

COUNTY OF IREDELL

is hereby issued a PERMIT to CONSTRUCT a
MUNICIPAL SOLID WASTE LANDFILL FACILITY

located on SR 2319, Iredell County, North Carolina in accordance with Article 9, Chapter 130A, of the General Statutes of North Carolina and all rules promulgated thereunder and subject to the conditions set forth in this permit. The facility is located and described by the legal description of the site or the property map contained within the approved application.

**James C. Coffey, Supervisor
Permitting Branch
Solid Waste Section**

ATTACHMENT 1

Approved Documents

PART I: GENERAL FACILITY CONDITIONS

1. Solid Waste Permit 49-03, Iredell County Sanitary Landfill, issued October 8, 1993.
2. Solid Waste Permit 49-03, Iredell County Sanitary Landfill, Transition Plan Approved February 26, 1996.

PART II: MUNICIPAL SOLID WASTE LANDFILL CONDITIONS

1. MSWLF Facility Permit to Construct Application, Phase 2, Iredell County Subtitle D Lined Landfill, prepared for Iredell County by Municipal Engineering Services Company P. A., Garner, North Carolina.
2. Design Hydrogeologic Study, Phase 2, Iredell County Subtitle D Lined Landfill, prepared for Iredell County by Municipal Engineering Services Company P. A., Garner, North Carolina.

PART III: CONSTRUCTION AND DEMOLITION LANDFILL CONDITIONS

1. MSWLF Facility Permit to Construct Application, Phase 2, Iredell County Subtitle D Lined Landfill, prepared for Iredell County by Municipal Engineering Services Company P. A., Garner, North Carolina.
2. Design Hydrogeologic Study, Phase 2, Iredell County Subtitle D Lined Landfill, prepared for Iredell County by Municipal Engineering Services Company P. A., Garner, North Carolina.

PART IV: LAND CLEARING AND INERT DEBRIS LANDFILL CONDITIONS (NOT APPLICABLE)

PART V: YARD WASTE CONDITIONS (NOT APPLICABLE)

PART VI: MISCELLANEOUS TREATMENT AND PROCESSING FACILITIES CONDITIONS (NOT APPLICABLE)

ATTACHMENT 2

PART I: GENERAL FACILITY CONDITIONS

1. This permit shall be effective upon compliance with 15A NCAC 13B .0204 and when the certified copy with the page, book number, date of recordation, and Register's seal is returned to the Solid Waste Section (Section).
2. This permit approves the Facility Plan which in accordance with 15 NCAC 13B .1619 defines the comprehensive development of the facility including the total municipal solid waste landfill capacity, the municipal solid waste stream, all on site solid waste management facilities and related facility infrastructure.

The approved plans are described in Attachment 1, "Approved Documents", Part II, Documents 1 and 2. Where discrepancies may exist, the most recent approved submittal and Conditions of Permit shall govern.

3. This facility has an anticipated total municipal solid waste disposal capacity of 3,040,000 cubic yards consistent with the approved final contours, which will be developed in 2 construction phases of five years each. Construction of cells within each phase and subsequent phases will be in accordance with the Division approved plans.
4. The landfill is permitted to receive solid waste generated within Iredell County, as defined in 15A NCAC 13B .0101(36), except where prohibited by North Carolina General Statutes Article 9 of Chapter 130A, and rules adopted by the Commission for Health Services. The owner or operator of a municipal solid waste management facility that is owned or operated by a unit of local government shall not knowingly dispose of any type or form of municipal solid waste that is generated within the boundaries of a unit of local government that by ordinance:
 - (1) Prohibits generators or collectors of municipal solid waste from disposing of that type or form of municipal solid waste.
 - (2) Requires generators or collectors of municipal solid waste to recycle that type or form of solid waste.
5. This facility is subject to the requirements of all applicable sections of the most recent version of the North Carolina Solid Waste Management Rules, 15A NCAC 13B and the specific conditions contained herein.
6. This facility shall conform to the specific conditions set forth in this permit and the provisions of 15A NCAC 13B .1604(b)(2).

7. This facility permit is issued under the criteria set forth in 15A NCAC 13B.1603(a)(1). Any facility changes that effect the criteria established in 15A NCAC 13B.1603(a)(1) may require a new permit.
8. Iredell County shall submit an amendment to this permit pursuant to 15A NCAC 13B .1603(a)(2) for any subsequent phase of development.

FACILITY CONSTRUCTION CONDITIONS

9. Iredell County shall conduct a pre-construction meeting, on-site, prior to initiating construction of any unit at the site and shall notify the Solid Waste Section at least 10 days prior to said meeting.
10. Construction of all solid waste management units within this facility shall be in accordance with the pertinent approved plans and only for those phases of development approved for construction as described in Attachment 1, "Approved Documents", Part II, Document 1.
11. Additional conditions and revisions of the approved documents or changes during construction of any landfill unit require approval by the North Carolina Solid Waste Section.
12. Any modifications in sedimentation and erosion control activities require approval by the Land Quality Section. The Section shall be notified of any sedimentation and erosion control modifications.

FACILITY PRE-OPERATIVE CONDITIONS

13. Prior to receiving waste at any unit of this facility, a Permit to Operate, must be obtained from the Solid Waste Section in accordance with 15A NCAC 13B .0201(b).
14. The following requirements shall be met prior to waste disposal for any unit of this facility:
 - a. Site preparation shall be in accordance with the approved plans, and the conditions specified herein.
 - b. Site inspection shall be made by a representative of the Solid Waste Section.
 - c. Prior to waste disposal for any unit, a pre-operative meeting shall be held on-site with key landfill personnel and representatives of the Solid Waste Section.

**PART II:
MUNICIPAL LANDFILL UNIT SPECIFIC CONDITIONS**

PRE-OPERATIONAL CONDITIONS

1. Ground water monitoring wells and surface water sampling locations shall be sampled for the Appendix I constituent list prior to issuing the Permit to Operate.

CONSTRUCTION CONDITIONS

1. The owner's geologist shall examine the cell excavation and note any pertinent geologic features exposed during the construction process and shall notify the Solid Waste Section Hydrogeologist of these findings prior to the placement of any liner materials.
2. The owner's geologist shall be in the field to supervise all well installations. Any modifications to the approved water quality monitoring plan require approval by the Section Hydrogeologist. Documentation of all changes to the approved plan shall be submitted with the well construction records.
3. For each monitoring well constructed, a well construction record, well schematic, boring log and a description of well development activities shall be submitted to the Section within 30 days upon well completion.

**PART III:
CONSTRUCTION AND DEMOLITION DEBRIS UNIT SPECIFIC CONDITIONS**

1. This permit approves the development and construction of the construction and demolition debris landfill unit and the on-site environmental management and protection facilities as described in the approved plans.
2. Buffer zones are as established in the approved plans. Solid Waste Section approval is required for use of buffer zones other than as described in the approved plans.

**PART IV:
LAND CLEARING AND INERT DEBRIS UNIT SPECIFIC CONDITIONS
(NOT APPLICABLE)**

**PART V:
YARD WASTE UNIT SPECIFIC CONDITIONS
(NOT APPLICABLE)**

**PART VI:
MISCELLANEOUS TREATMENT AND PROCESSING UNIT SPECIFIC CONDITIONS (Specify Unit Type)
(NOT APPLICABLE)**

Carson Fisher

704-878-3054

10-4-93

IREDELL COUNTY

9:15

9:45

Complete organized package of information

Wells

No boring logs for wells 4-10

Water Table measurements reported on
Well Construction Records
+ Depth to Water Tables

Are they measured from Ground Surface or
Top of Inner Well Casing?

Water Table measurements should be made to nearest
.01 foot

Significant difference in 24 hr. Water Table measurements
and later measurements for some wells: 4A, 4B, 8.

Based on later W.T. measurements, well 4A has
insufficient water to provide a sample.

Data

Numerous, serious violations of Ground Water
Quality Standards, especially for metals, but also
some volatile organics.

Who did the sampling?

What sampling equipment and sampling protocol was used?

Laboratory cleaned Teflon bailers? EPA approved cleaning method?

Purged 3 to 5 well volumes? Separate bailer for each well?

Lab certification?

Quality Control? Trip Blanks, Equipment Blanks especially for metals

Laboratory Methods?

"Extractable Metals" ?

Method 3030 c ?

May need additional sampling using different sampling contractor ... lab

State split samples

**PERMIT NO. 49-03
PART 2: PERMIT TO OPERATE
DATE ISSUED 10-08-93**

**STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
DIVISION OF SOLID WASTE MANAGEMENT
P.O. BOX 27687 RALEIGH, NC 27611**

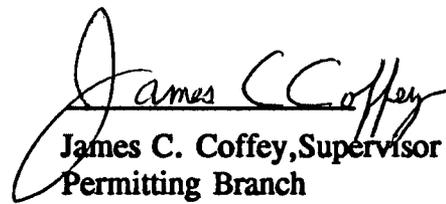
SOLID WASTE PERMIT

Iredell County

**is hereby issued a Permit to Operate Module 1 at the
Iredell County Sanitary Landfill
accessed**

via S.R. 2319 east of Statesville in Iredell County, North Carolina

in accordance with Article 9, Chapter 130A, of the General Statutes of North Carolina and all rules promulgated thereunder and subject to the conditions set forth in Part 1: Permit to Construct # 49-03, issued April 1, 1993.


**James C. Coffey, Supervisor
Permitting Branch
Solid Waste Section
Division of Solid Waste Management**

ATTACHMENT 1

**Revision to Rule References for Existing MSWLF Facilities
October 9, 1993**

Permit references for Existing MSWLF Facilities shall be revised as follows for MSWLF units that receive waste on or after October 9, 1993:

<u>Subject Requirement</u>	<u>Old Citation</u>	<u>New Citation</u>
Operating procedures	.0505	.1626
Groundwater Quality	.0503(2)(d)	.1630
Closure standards	.0510	.1627

ATTACHMENT 2

**Additional Approved Plan Documents
October 8, 1993**

The following supplemental document is incorporated in the Division Approved Plan for Permit No. 49-03:

12. Quality Assurance and Quality Control Report and Documentation for Iredell County, Statesville, North Carolina. Includes As-Built Drawings by:

- Geo-Environmental Consultants, Inc.;
- SLT North America, Inc.; and
- Municipal Engineering Services Company, P.A. (MESCO)

Received in Solid Waste Section Office 05 October 1993.

ATTACHMENT 3

Specific Conditions

1. Some of the monitoring wells were not constructed according to the approved specifications. Further evaluation of the design and construction of these wells shall be required and some of these wells will have to be replaced.
2. The baseline sampling and analysis results have indicated levels for some constituents that shall require additional evaluation in order to establish the background values. Further evaluation by Iredell County and the Solid Waste Section will be necessary to provide clarification on this issue for the Landfill site.
3. Within 30 days of the issuance of this permit, Iredell County shall arrange for the sampling and analysis of the monitoring wells using a different sampling contractor and analytical laboratory. The Solid Waste Section shall split samples with the sampling contractor.
4. A report shall be submitted to the Solid Waste Section that includes information on the direction and rate of ground-water flow and statistical analysis of the ground-water quality data.
5. Some changes may become necessary to the monitoring plan to make it consistent with forthcoming policies by the Solid Waste Section that may be required to clarify the rules and provide consistency in the water quality monitoring program for MSWLF facilities in North Carolina.
6. This permit shall not be effective unless the certified copy is filed in the Register of Deeds Office, in the grantor index under the name of the owner of the land in the county or counties in which the land is located. After recordation, the certified copy shall be returned to the Solid Waste Section and shall have indicated on it the page and book number, date of recordation, and the Register's seal.
7. When this property is sold, leased, conveyed or transferred, the deed or other instrument of transfer shall contain in the description section in no smaller type than that used in the body of the deed or instrument, a statement that the property has been used as a sanitary landfill.

State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Solid Waste Management

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary



BK0901F61510

October 8, 1993

Mr. Joel Mashburn, County Manager
Iredell County
P.O. Box 788
Statesville, North Carolina 28677

RE: Permit To Operate
Module 1, Iredell County Sanitary Landfill
Permit No. 49-03

Dear Mr. Mashburn:

The Solid Waste Section has reviewed the submittals documenting construction of Module 1 of the Iredell County Sanitary Landfill. The Section has determined that Iredell County and the project engineer have met the pre-operative conditions of the Permit To Construct, issued April 1, 1993. In accordance with G.S. 130A-294, Module 1 of the Iredell County Sanitary Landfill is approved to receive waste. If Module 1 receives waste before October 9, 1993, then the Module 1 will be classified as an existing MSWLF unit as well as an existing facility under North Carolina's MSWLF Rules, 15A NCAC 13B SECTION .1600.

General

15A NCAC 13B SECTION .1600 describes the complete requirements for this facility on and after October 9, 1993. Rule .1604 establishes general permit conditions for all new and existing MSWLF Facilities. This facility must conform to the general standards for operation [.1626], closure and post-closure [.1627], and groundwater monitoring [.1630 - .1637]. Specific requirements for this facility are set forth in the Conditions of the Permit to Construct, edited according to new rule references listed in Attachment 1 - Revision to Rule References for Existing MSWLF Facilities, October 9, 1993.

As the owner/operator of an existing facility with an existing MSWLF unit, Iredell County must submit a Transition Plan application according to the criteria and requirements set forth in Rules .1603(a)(4)(B). Copies of current information in the permitting record may be utilized in the submittal. Essentially, Iredell County must make this submittal to the Section at least 180 days prior to the date scheduled for constructing the next phase of landfill development not approved in the effective permit to construct.

Mr. Joel Mashburn
October 8, 1993
Page 2

Additional Approved Plan Documents

Construction documents submitted with the CQA Report have been filed in the permitting record. Supplemental to the plans approved in the Permit to Construct, additional documents and correspondence included as part of the Division Approved Plan are listed in Attachment 2 - Additional Approved Plan Documents, October 8, 1993.

Groundwater Monitoring

See Attachment 3 for the Conditions applicable to the facility's Water Quality Monitoring Plan.

Should you have any questions regarding the terms of this approval, please contact me at (919) 733-0692.

Sincerely,

Ellis Cayton

Ellis Cayton, P.E.
Solid Waste Section

cc: Jim Woodie, P.E.
Julian Foscue
Bobby Lutfy
Jan McHargue
Anthony Foster

State of North Carolina
Department of Environment,
Health and Natural Resources
Winston-Salem Regional Office

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
Leesha Fuller, Regional Manager



MEMORANDUM

TO: Ellis Cayton

FROM: Jan McHargue

SUBJECT: Iredell County Landfill
Permit #49-03, Permit to Construct Module 1
Comments on CQA Documentation

DATE: September 28, 1993

While the CQA record for this facility is incomplete at this time, I thought it might be helpful to advise you of my comments on the submittals to date.

1. **Soil liner:** This component is certified by Geo-Environmental Consultants (GCI), but I could not find any surveyor's data to verify thickness of the liner.
2. **Geosynthetic liner:** This is verified through manufacturer's test data, subgrade acceptance forms, as-built panel layout, destructive test results, and daily reports from the seaming crews. No engineer's certification was included.
3. **Record drawings:** Municipal says these are forthcoming. Perhaps these will address the thickness of the protective cover, as-built installation of the leachate collection and removal system, etc.
4. **Major items missing:** Operations plan (including leachate management plan and approved monitoring plan), DEM permit for pump and haul, well records and baseline sampling.

MUNICIPAL ENGINEERING SERVICES CO., P.A.

Post Office Box 97
 Garner, N.C. 27529
 (919) 772-5393
 FAX (919) 772-1176

Post Office Box 349
 Boone, N.C. 28607
 (704) 262-1767
 FAX (704) 265-2601

LETTER OF TRANSMITTAL

TO Solid Waste Management
401 Oberlin Rd.
Raleigh

DATE	9-16-93	JOB NO.	G91063
ATTENTION	Bobby Tutty		
RE:	Wedell Co. Lined Landfill Monitoring well (as-built)		

WE ARE SENDING YOU Attached Under separate cover via _____ the following items:

- Shop drawings Prints Plans Samples Specifications
 Copy of letter Change order _____

COPIES	DATE	NO.	DESCRIPTION
4	9-13-93	1 SW	Sheet 6 of 10 (Revised)

THESE ARE TRANSMITTED as checked below:

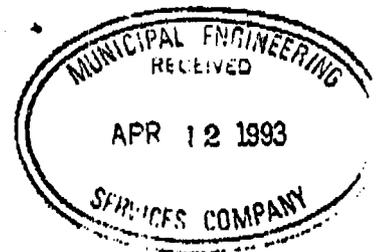
- For approval Approved as submitted Resubmit _____ copies for approval
 For your use Approved as noted Submit _____ copies for distribution
 As requested Returned for corrections Return _____ corrected prints
 For review and comment _____
 FOR BIDS DUE _____ 19 _____ PRINTS RETURNED AFTER LOAN TO US

REMARKS If you have any questions please call.

COPY TO _____

SIGNED: Lisa C. Hampton

If enclosures are not as noted, kindly notify us at once.



State of North Carolina
 Department of Environment, Health, and Natural Resources
 Mooresville Regional Office

James B. Hunt, Jr., Governor

Jonathan B. Howes, Secretary

DIVISION OF LAND RESOURCES
 LAND QUALITY SECTION

April 8, 1993



Mr. Joel Mashburn, County Manager
 Iredell County
 Post Office Box 788
 Statesville, North Carolina 28687

RE: LETTER OF APPROVAL WITH MODIFICATIONS
 (For Sites with Disturbed Area Exceeding Five (5) Acres)
 Project Name: Iredell County Lined Landfill
 Location: Twin Oak Farm Rd. - Iredell County
 Submitted By: Municipal Engineering
 Date Received: March 26, 1993
 New Submittal: _____ Revision X

Dear Mr. Mashburn:

This office has reviewed the subject erosion and sedimentation control plan and hereby issues this letter of approval with modifications. A list of the modifications required is attached. This approval is conditioned upon the incorporation or addition of these modifications to the plan. If these modifications are not included in the plan and implemented on the construction site, the site will be in violation of the Sedimentation Pollution Control Act of 1973. (G.S. 113A-61(d)).

Please be advised that Title 15 NCAC 4B .0017(a) requires that a copy of the approved erosion control plan be on file at the job site. Also, you should consider this letter to give the Notice required by G.S. 113A-61(d) of our right of periodic inspection to insure compliance with the approved plan.

North Carolina's Sedimentation Pollution Control Program is performance oriented, requiring protection of the natural resources and adjoining properties. If following the commencement of this project it is determined that the erosion and sedimentation control plan is inadequate to meet the requirements of the Sedimentation Pollution Control Act of 1973 (North Carolina General Statute 113A-51 thru 66), this office may require revisions to the plan and implementation of the revisions to insure compliance with the Act.

"The land-disturbing activity described in this plan may be subject to the approval of other Local, State or Federal agencies. This could include the Division of Environmental Management under storm water or water quality regulations, the U.S. Army Corps of Engineers under Article 404 jurisdiction, county, city or town agencies under other local ordinances, or other approvals that may be required. This approval cannot supersede any other permit or approval."

"Because the site disturbance will exceed five acres, you may need to file a Notice of Intent for coverage under the State's General NPDES Permit Requirements; per the Federal Clean Water Act, NPDES permit regulations".

Please note that this approval is based in part on the accuracy of the information provided in the Financial Responsibility Form which you have provided. You are requested to file an amended form if there is any change in the information included on the form. In addition, it would be helpful if you notify this office of the proposed starting date for this project.

Your cooperation is appreciated, and we look forward to working with you on this project.

Sincerely,



Jerry W. Cook
Regional Engineer

cc: Municipal Engineering Services
Mr. Carson Fisher
DEM - Water Quality

Enclosure: Notice of Intent

MODIFICATIONS

1. A bench to collect runoff from the slopes is to be constructed at elevation 870. The slope drain system is to be modified to collect the accumulated runoff.

GWV/kr



State of North Carolina
 Department of Environment, Health, and Natural Resources
 512 North Salisbury Street • Raleigh, North Carolina 27604

James B. Hunt, Jr., Governor

SOLID WASTE MANAGEMENT DIVISION
 TELEPHONE: (919) 733-0692

Jonathan B. Howes, Secretary

April 1, 1993

Mr. Joel Mashburn, County Manager
 Iredell County
 P.O. Box 788
 Statesville, North Carolina 28677

RE: Part 1: Permit To Construct Module 1
 Iredell County Sanitary Landfill
 Permit No. 49-03

Dear Mr. Mashburn:

The referenced permit is issued in accordance with N.C.G.S. 130A-294 and the N.C. Solid Waste Management Rules, 15A NCAC 13B. The facility description includes Module 1, a Construction Demolition area, and a leachate storage facility. This permit is for a five year period or until Iredell County exhausts the capacity of Module 1, whichever occurs first. Attachment 1 lists those documents included in the Approved Plan. The disposal area is within the facility description for the Iredell County Landfill, Permit No. 49-03 as defined in Documents 13, 14, and 15. This permit is issued to Iredell County as the owner/operator of the facility.

Please review the GENERAL Conditions of this permit for recordation procedures, the definition of the Approved Plan, and the general terms of the Permit to Construct. As defined in the CQA Plan and the permit, the pre-construction meeting should identify the parties and discuss their respective roles.

Facility construction and pre-operational requirements are described in the CONSTRUCTION Conditions. Please note that it is the responsibility of the applicant to obtain any and all permits and approvals necessary for the development of this project prior to the commencement of construction activities including approval from appropriate agencies

for a General or Individual NPDES Stormwater Discharge Permit and for Sedimentation and Erosion Control approval in accordance with 15A NCAC 4.

Also note that a Final Water Quality Monitoring Plan must be approved by the SWS Hydrogeologist. Early coordination for the scope of work required to complete this plan is requested (see Monitoring & Reporting); please contact Mr. Bobby Lutfy, SWS Hydrogeologist at (919) 733-0692. The CQA Report and document drawings should be submitted promptly; a minimum 30 day review period should be considered for start-up scheduling. The pre-operational conditions of this permit must be satisfied in order for the facility to qualify for a Permit to Operate. Three copies of all plans must be submitted.

Specific requirements for the landfill operation and the monitoring systems are described in OPERATION and MONITORING REPORTING Conditions.

Please review the Conditions of Permit thoroughly and contact me if you have any questions, or if you require further clarification. Mr. Rick Doby is the Section's Waste Management Specialist for this area and can be contacted at DEHNR Mooresville Regional Office, 919 North Main Street, Mooresville, NC 28115 or by phone at (704) 663-1699. Contact me at (919) 733-0692 when you are prepared to schedule the pre-construction meeting.

Sincerely,



Ellis Cayton, P.E.
Solid Waste Section

cc: Jim Woodie
Julian Foscue
Rick Doby
Jan McHargue

CERTIFIED COPY OF SOLID WASTE PERMIT



I do hereby certify that the attached PERMIT is an exact and true copy of Permit No. 49-03.

James C Coffey
James C. Coffey, Supervisor
Permitting Branch
Solid Waste Section



North Carolina

Johnston County

I, Sue S. Hodge, a Notary Public for said County and State, do hereby certify that James C. Coffey, Solid Waste Section personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

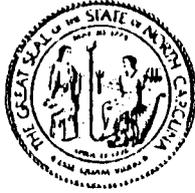
Witness my hand and official seal, this the 16 day of April, 1993.

OFFICIAL SEAL

Sue S. Hodge
NOTARY PUBLIC

My commission expires October 21, 1995.

BK090191516



State of North Carolina
Department of Environment, Health, and Natural Resources
512 North Salisbury Street • Raleigh, North Carolina 27604

James B. Hunt, Jr., Governor

SOLID WASTE MANAGEMENT DIVISION
TELEPHONE: (919) 733-0692

Jonathan B. Howes, Secretary

PERMIT NO. 49-03
DATE ISSUED 04-01-93

SOLID WASTE PERMIT

Iredell County

is hereby issued a Permit To Construct for Module 1 at the

IREDELL COUNTY SANITARY LANDFILL

located

approximately 0.7 miles north U.S. Highway 70
off Secondary Road 2319 east of Statesville
in Iredell County, North Carolina

in accordance with Article 9, Chapter 130A, of the General Statutes of North Carolina and all rules promulgated thereunder and subject to the conditions set forth in this permit. The Iredell County Sanitary Landfill, which contains Module 1, is located on the properties described by Documents 13 through 15.


James C. Coffey, Supervisor
Permitting Branch
Solid Waste Section

SOLID WASTE PERMIT
Part 1: Permit to Construct
Module 1
Iredell County Sanitary Landfill

CONDITIONS OF PERMIT:

GENERAL

1. This permit is for Module 1 and the area designated as the Construction Demolition Area and will be subject to review every five years as per 15A NCAC 13B .0201(c), according to the issuance date of the Permit to Operate. Forthcoming amendments to the North Carolina Solid Waste Management Rules, in accordance with the new Federal Regulations 40 CFR 258, may necessitate the modification to this facility's construction and operation plans prior to the review date.
2. The approved plan is described by Attachment 1, "List of Documents for Approved Plan". Where discrepancies may exist, the most recent submittal and the Conditions of Permit shall govern. Some components of the approved plan are reiterated in the Conditions of Permit.
3. Iredell County (the permittee) shall notify the Division of Solid Waste Management (DSWM), Solid Waste Section (SWS) and conduct a pre-construction meeting on-site prior to initiating construction activities. If construction does not commence within 18 months from the issuance date of this permit, then the permittee shall obtain written approval from the SWS prior to construction and comply with any conditions of said approval.
4. Prior to receiving waste at this facility, a Permit to Operate must be obtained. The requirements for this part of the Solid Waste Permit are described in the following section (Construction), Condition 3. The Conditions of Permit issued herein shall also be incorporated in the Permit to Operate.
5. This permit is not transferable.
6. The applicant is responsible for obtaining any and all permits and approvals necessary for the development of this project prior to the commencement of construction activities including approval from appropriate agencies for a General or Individual NPDES Stormwater Discharge Permit and for Sedimentation and Erosion Control approval in accordance with 15A NCAC 4.

CONSTRUCTION

1. This construction permit is for development of Module 1 of the Iredell County Sanitary Landfill; the on-site environmental management facilities; and the area designated as the Construction Demolition Area, in accordance with the approved plan and as specified herein.
 - a. The components of the engineered systems shall be specified and constructed to meet the performance requirements established by the facility design.
 - b. Relative to the established performance requirements, design revisions and/or requests for variance, will be reviewed by the agency and accepted or rejected.
 - c. Construction of any soil liner shall include the following requirements:
 - (1) Based on laboratory testing, the minimum soil properties shall be specified prior to construction.
 - (2) If the soil requires bentonite mixing, the methods and quantities of bentonite necessary to attain the required permeability shall be predetermined using laboratory testing for each soil type.
 - (3) The test pad shall be constructed to establish the construction details, such as the moisture content/density/compaction/permeability relationship. A minimum of three (3) random, undisturbed samples shall be tested for permeability according to the ACOE method specified in the Document 11, Section V. The methodology and testing criteria from the test pad shall be reviewed by the CQA Engineer and incorporated in soil liner construction.
 - (4) The soil liner shall be overbuilt or otherwise protected from weathering prior to placement of the geomembrane.
 - d. The permittee shall construct subcells in a manner sufficient to ensure feasibility of base liner extension and to ensure that leachate is contained in the active subcell during construction of the liner and leachate collection system for subsequent stages of development.
 - e. All leachate piping installed from the landfill unit to the leachate storage/treatment facility shall be constructed and tested to be watertight. The seal where the piping system penetrates the geomembrane shall be inspected and non-destructively tested for leakage.
 - f. The soil liner component of the final cap shall cover the soil protective/drainage layer on the sideslopes in addition to the filled waste, and shall be adequately protected from damage from the underlying waste layers.
 - g. Construction Quality Assurance (CQA) activities shall be documented and summarized in a CQA report and illustrated with as-built drawings. The CQA

Part 1: Permit To Construct
Permit No. 49-03
Iredell County

Report and Document Drawings shall bear an imprint of the registration seal of the engineer licensed to practice in the State of North Carolina.

- h. A minimum 25-foot buffer shall be established between soil stockpile areas and any surface waters, and a minimum 50-foot buffer shall be established between Construction Demolition areas and any surface waters. Stockpile and Construction Demolition areas shall be adequately stabilized to prevent erosion.
 - i. The CQA report will include the following at a minimum:
 - (1) A summary of the methodology, modifications, and construction quality control measures necessary to demonstrate that the facilities were constructed in accordance with the approved plans and as specified herein;
 - (2) A summary of the actual materials and methodology implemented to construct and test any compacted soil liner; and
 - (3) Documentation of the thickness (using survey data) of any soil liner, drainage layer, and protective cover, constructed grades (for HDPE liner), and location and grades for all LCRS piping.
2. All sedimentation/erosion control activities will be conducted in accordance with the Sedimentation Control Act codified at 15 NCAC 4. Native vegetation shall be established on the completed landfill.
3. The following pre-operative requirements shall be met to obtain a PERMIT TO OPERATE this facility:
- a. Site preparation shall be in accordance with the construction plan, and the conditions specified herein.
 - b. Site inspection shall be made by a representative of the Division of Solid Waste Management (DSWM).
 - c. The permit number and the words "NO HAZARDOUS, OR LIQUID WASTE ACCEPTED" shall be posted on an entrance sign.
 - d. Upon completion of construction, the permittee will submit the CQA report and document drawings to DSWM; Within 30 days of receipt, the DSWM will review the submittal to confirm that facility was constructed as specified herein. The agency will review the submittal and issue its concurrence that the facility was constructed as specified herein.
 - e. All necessary Local, State, and Federal permits or approvals to manage leachate must be obtained. A comprehensive Leachate Management Plan shall incorporate all pertinent information and must be submitted to DSWM for review and approval.
 - f. Surface water locations and groundwater monitoring wells (see Monitoring and Reporting Requirements) shall be installed and a baseline sampling performed.

Part 1: Permit To Construct
Permit No. 49-03
Iredell County

- g. A Final Water Quality Monitoring Plan shall be submitted to the SWS Hydrogeologist for review and approval. The plan shall incorporate the Monitoring and Reporting Conditions described in this permit.
 - h. Iredell County shall designate an adequate source for daily cover soils, and provide a grading plan for the borrow areas.
4. Iredell County shall maintain a minimum buffer of at least 200 feet between Municipal Solid Waste disposal areas and Construction Demolition disposal areas.

OPERATION

1. This solid waste disposal facility is permitted to receive solid waste according to the approved plan, and as defined in 15A NCAC 13B, .0101(36), except that hazardous waste, lead acid batteries, used oil and liquid waste are prohibited from disposal at this site. No Yard Trash shall be accepted for disposal at the landfill described by Permit No. 49-03 which includes Module 1 of the lined landfill and the Construction Demolition area of the landfill.

Acceptance of specific wastes subject to the Division's "Procedure and Criteria for Waste Determination" shall be in accordance with 15A NCAC 13B .0103 (d).

2. The landfill unit shall conform to all operating procedures described in the approved plan, in accordance with Rule .0505 of 15A NCAC 13B, and as specified herein.
- a. All pertinent landfill operating personnel will receive training and supervision necessary to properly operate this landfill. Specifically, training must be provided in operational procedures that will prevent damage to the liner and leachate collection and removal systems.
 - b. Leachate management, including the monitoring, sampling, storage, transportation, treatment, and ultimate disposal will be conducted in accordance with the approved plan, the conditions specified herein, and all pertinent Federal and State rules and regulations.
 - c. The use of synthetic daily cover will require prior notification of the SWS Regional Waste Management Specialist. Following a 90 day trial period, the continued use of the alternative material shall require written approval from the DSWM. By this reference, any conditions of said approval shall be incorporated in this permit.
 - d. Stripping of intermediate cover shall be limited to within six (6) inches of waste.
 - e. Leachate shall be contained within the landfill unit.

Part 1: Permit To Construct
Permit No. 49-03
Iredell County

3. Ground water quality at this facility is subject to the classification and remedial action provisions referenced in Rule .0503 (2)(d) of 15A NCAC 13B.
4. A closure and post-closure plan must be submitted for approval at least 90 days prior to closure or partial closure of any landfill unit. The plan must include all steps and measures necessary to close and maintain the facility in accordance with all rules in effect at that time. At a minimum, the plan shall address the following:
 - a. Design of a final cover system which meets the requirements of 40 CFR Part 258.60.
 - b. Construction and maintenance/operation of the final cover system, erosion control structures, landfill gas control/recovery systems, and leachate management system.
 - c. Surface water, ground water, and explosive gas monitoring.

MONITORING AND REPORTING REQUIREMENTS

1. Ground water monitoring wells and monitoring requirements:
 - a. Monitoring well design and construction shall conform to the specifications outlined in Attachment 2, "North Carolina Water Quality Monitoring Guidance Document for Solid Waste Facilities".
 - b. Monitoring wells shall be located and designed as follows:
 - (1) A total of five locations (MW-1, MW-2, MW-3, MW-4, and MW-5) shall be established in accordance with the approved monitoring plan to monitor Module 1 of the landfill unit. The monitoring plan shall be modified as follows:
 - (A) Monitoring well MW-5 shall be relocated to a point no more than 250 feet from the waste boundary . The location shall be approved by the Solid Waste Hydrogeologist prior to well installation.
 - (B) Well nests shall be required at monitoring well locations MW-1, MW-3, and MW-4.
 - (C) In order to determine ground-water flow directions and rates, each monitoring well shall be surveyed, and hydraulic conductivity values and effective porosity values shall be established for the screened intervals of each monitoring well.
 - (D) The sampling and analyses of MW-9 and MW-10 (Construction Demolition Area) shall be done according to Solid Waste Section requirements at the time of sampling.

Part 1: Permit To Construct
Permit No. 49-03
Iredell County

- (2) A total of three locations (MW-6, MW-7 and MW-8) shall be established in accordance with the approved monitoring plan to monitor the leachate lagoon. The Solid Waste Section Hydrogeologist reserves the right to require nested monitoring wells based upon the hydrogeologic conditions encountered during well installation.
 - (3) A total of two locations (MW-9 and MW-10) shall be established in accordance with the approved monitoring plan to monitor the Construction Demolition area.
 - c. A geologist shall be in the field to supervise well installation. The exact locations, screened intervals, and nesting of the wells shall be established after consultation with the SWS Hydrogeologist at the time of well installation.
 - d. For each monitoring well constructed, a well completion record shall be submitted to DSWM within 30 days upon completion.
 - e. Prior to the acceptance of any waste at the facility, a baseline sampling event shall be completed. This event shall include all groundwater monitoring wells. Sampling and analyses for monitoring wells MW-1 through MW-8 shall be consistent with EPA 40 CFR 258.54 (b).
 - f. Sampling equipment and procedures shall conform to specifications outlined in the above-referenced guidance document, (Attachment 2), or the current guidelines established by DSWM at the time of sampling.
 - g. The permittee shall sample the monitoring wells semi-annually or as directed by the SWS Hydrogeologist.
 - h. A readily accessible unobstructed path shall be initially cleared and maintained so that four-wheel drive vehicles may access the monitoring wells at all times.
2. The permittee shall establish three (3) locations for surface water sampling as described in the approved plan. SW-1, SW-2 and SW-3 shall be sampled and analyzed semi-annually according to the protocol and parameters required by the Solid Waste Section at the time of sampling.
 3. The permittee shall maintain a record of all monitoring events and analytical data. Reports of the analytical data for each water quality monitoring sampling event (1.g. and 2.) are to be submitted to DSWM in a timely manner.
 4. The permittee shall maintain a record of the amount of solid waste received at the facility, compiled on a monthly basis. Scales shall be used to weigh the amount of waste received.
 5. On or before 01 Dec 92, and each year thereafter, the permittee shall report the amount of waste received (in tons) at this facility and disposed of in the landfill to the Solid

**Part 1: Permit To Construct
Permit No. 49-03
Iredell County**

Waste Section, on forms prescribed by the Section. This report shall include the following information:

- a. The reporting period shall be for the previous year, beginning 01 July and ending on 30 June;
 - b. The amount of waste received and landfilled in tons, compiled on a monthly basis, according to Condition 6 described above; and
 - c. The report shall be signed by the Iredell County Solid Waste Director.
6. All records shall be maintained on-site and made available to the SWS upon request.

ATTACHMENT 1
List of Documents for the Approved Plan

The following documents are incorporated as the approved plan for Permit No. 49-03.

1. Iredell County Site Suitability Report For The Proposed Lined Landfill (Includes 9 Drawings), 18 March 1992, submitted for Iredell County by Municipal Engineering Services Company, Inc (MESCO).
2. Conceptual Design (Includes 10 Preliminary Construction Drawings), 23 July 1992, submitted for Iredell County by MESCO.
3. Revised Geological And Hydrological Study - Iredell County Landfill Expansion - Iredell County, North Carolina, 25 August 1992, submitted for Iredell County by MESCO (GAI Consultants, Subcontractors).
4. Addendum: Site Suitability Report, 27 August 1992, submitted for Iredell County by MESCO.
 - a. 100-year Flood Plain Maps
 - b. 1/4 Mile Radius Map
 - c. Local Government Approval Letters
5. Addendum: Site Suitability Report, 10 September 1992, submitted for Iredell County by MESCO.
 - a. Iredell County Resolution for Local Government Approval
 - b. City of Statesville Local Government Approval
6. Addendum: Site Suitability Report, 24 September 1992, submitted for Iredell County by MESCO.
 - a. Letter from GAI Consultants Concerning Unstable Areas
 - b. Zoning Letter from City of Statesville
 - c. FAA Letter to Statesville Airport
 - d. Revised 2 Mile Radius Map
7. Revision: Geological And Hydrological Study - Iredell County Landfill Expansion - Iredell County, North Carolina, 5 November 1992, submitted for Iredell County by GAI Consultants, Subcontractors of MESCO.
 - a. Revised Table 2: Updated Groundwater Data
 - b. Revised Potentiometric Map

ATTACHMENT 1
List of Documents for the Approved Plan

8. **Addendum: Geological And Hydrological Study - Iredell County Landfill Expansion - Iredell County, North Carolina, 16 November 1992, submitted for Iredell County By GAI Consultants, Subcontractors Of MESCO.**
 - a. **Location of Eufola Fault**
 - b. **Potentiometric Data**
 - c. **Water Table Information in site's northwest corner bordering stream and near knoll**
 - d. **Hydraulic Conductivity Tests and Values**

9. **General Conditions and Site Specific Municipal Solid Waste Landfill (MSWLF) Design Requirements Letter issued by the Division of Solid Waste Management (DSWM), 11 December 1992, to Iredell County.**

10. **Revision: Iredell County Secured Landfill Construction Plan Application: Written Report and 10 Drawings, 25 March 1993, submitted for Iredell County by MESCO .**
 - * **Section X contains Legal Description for 60.337 acre tract comprising part of Iredell County Landfill, Permit No. 49-03.**

11. **Legal Description for 91.1296 and 17.879 acre tracts comprising part of Iredell County Landfill, Permit No. 49-03.**

Document No. 11

**LEGAL DESCRIPTION FOR 91.1296 AND 17.879 ACRE TRACTS OF
IREDELL COUNTY LANDFILL**

The applicant has submitted information to the Division of Solid Waste Management which indicates that the Iredell County Landfill, Permit No. 49-03, is partially located on the following parcels of land.

Being all of that 91.1296 acre tract on that map by Neal Bare, RLS L-2425, recorded in Plat Book 23, Page 96 of the Iredell County Registry.

Being all of that 17.879 acre tract on that map by Neal Bare, RLS L-2425, recorded in Plat Book 23, Page 97 of the Iredell County Registry.

1. Wherever cohesive soil liner was mentioned in Section I, it has been revised to show permeability and that the Flexible Membrane Liner is in direct contact;
 2. Section III was revised to further clarify Monitoring Well 5 (MW-5) and we added a run-on, run-off control section;
 3. Section V was revised to show that the two (2) feet of cohesive soil will be measured by elevation checks and corings;
- The report contains the following revisions:

1. MW-4 and MW-10 have been moved;
2. The date and person responsible for the aerial topo on the existing topography;
3. A permanent bench mark is located on the existing topo;
4. The existing sewer line is highlighted on the existing topo;
5. The area in the northwest corner has been labeled to show that no future fill activity will be allowed in this area;
6. The detail sheet has a revised closure detail (D/8);
7. The label that identified groundwater on the cross section sheet has been revised;
8. Wherever cohesive soil liner was identified, it has been revised to reflect permeability requirements;
9. The final acreage is shown (17.31 acres);

Please find enclosed four copies of revised construction drawings and report. The revisions are the results of our meeting March 16, 1993. The construction drawings contain the following revisions:

Dear Mr. Cayton:

Re: Iredell County Construction Plans

Mr. Ellis Cayton, PE
 Division of Solid Waste Management
 PO Box 27687
 Raleigh, NC 27611-7687

March 24, 1993



P.O. Box 349, Boone, North Carolina 28607 (704)262-1767

Engineering
 Company, P.A.

CIVIL/SANITARY ENGINEERS



Municipal
 Services

OPERATION/CONSTRUCTION MANAGERS

P.O. Box 97, Garner, North Carolina 27529 (919)772-5393

4. Section V was changed to reflect the latest NSF 54 Standards for High Density Polyethylene (HDPE);
5. Section VI was changed to reflect the latest NSF 54;
6. Section VII contains additional design calculations with respect to the leachate collection system, anchor trench, air space, and slope stability;
7. Section IX contains a revised groundwater potentiometric map showing water levels as of February 9, 1993.

If you have any further questions or need additional information, please do not hesitate to call.

Very truly yours,
MUNICIPAL ENGINEERING SERVICES CO., PA

D. Wayne Sullivan

D. Wayne Sullivan

DWS:cw

Enclosures

Copy: Mr. Carson Fisher, PE
Mr. Ronald Weatherman



Property of Iradell

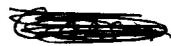
91 Ac Tract

PLat Book 23, Page 96



17 Ac Tract

23, Page 97



Neil Bare

Recorded on April 14, 1993

Consort Fisher
14th



CI ~~Gr~~ to Clerk



Garner Office
 Fax # (919)772-1176

Boone Office
 Fax # (704)265-2601

Date 3-29-93

To Ellis Cayton

Re _____

Remarks

From Wayne Sullivan
 Garner, NC Office

5 # of Pages Transmitting (Including this Sheet)

(If copy is illegible or incomplete, please call immediately for retransmission.)

1200

01717

FILED
IREDELL COUNTY
02 MAR 27 PM 5:00
BOOK 847 PAGE 906
CRENDA D. BELL
RECORDER OF DEEDS

Excise Tax *No Stamps*

Recording Time, Book and Page

Tax Lot No. Parcel Identifier No.
Verified by County on the day of , 19
by

Mall after recording to William P. Pope, Pope, McMillan, Gourley & Kutteh, P.A.,
P.O. Drawer 1776, Statesville, NC 28677; Telephone: (704) 873-2131
This instrument was prepared by William P. Pope
Brief description for the Index

NORTH CAROLINA GENERAL WARRANTY DEED

THIS DEED made this day of November, 1991, by and between

GRANTOR

WOODRIDGE CORPORATION (formerly
Vernon C. Neal, Inc.)

GRANTEE

COUNTY OF IREDELL

Post Office Box 788
Statesville, NC 28677

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 Chambersburg Township, Iredell County, North Carolina and more particularly described as follows:

See Schedule A attached

BOOK 847 PAGE 907

The property hereinabove described was acquired by Grantor by instrument recorded in

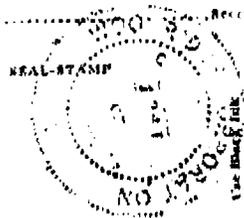
A map showing the above described property is recorded in Plat Book _____ page _____

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:

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.

WOODRIDGE CORPORATION (Corporate Name)
By: [Signature]
ATTENT: [Signature]
USE BLANK INK ONLY



NORTH CAROLINA, _____ County,
I, a Notary Public of the County and State aforesaid, certify that _____ Grantor, personally appeared before me this day and acknowledged the execution of the foregoing instrument. Witness my hand and official stamp of seal this _____ day of _____, 19____.

My commission expires: _____ Notary Public
NEW YORK
ERIE County,
WOODRIDGE CORPORATION,
ALBERT K. HILL
Secretary of THE Woodridge Corporation, and that by authority duly given and as the act of the corporation, the foregoing instrument was signed in its name by its _____ Secretary, _____ as its _____ of _____, 19____.

The foregoing Certificate of Sandra S. O'Loughlin a Notary Public
is to be 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.
BRENDA D. BELL
IREDELL COUNTY

WAYNE

SCHEDULE A

BOOK 847 PAGE 908

Being all that tract of land containing 17.879 acres by coordinate geometry lying and being in Chambersburg Township, Iredell County, North Carolina bounded by natural boundaries and/or lands owned by and/or in possession of persons as follows: on the west and north by the Woodridge Corporation (formerly Vernon C. Neall, Inc., Deed Book 756, Page 09, Tract III); on the east by NCR #2319, commonly known as Twin Oaks Road; and on the south by Iredell County (Deed Book 744, Page 570 and Deed Book 816, Page 155); and being more particularly described by courses and distances according to a survey performed in September, 1903 by Municipal Engineering Services Co., P.A., under the direction and supervision of C. Neal Dure, RLS L-2425 as follows:

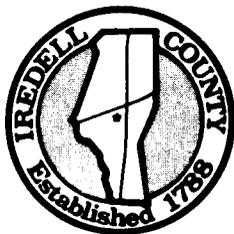
BEGINNING on an iron found at the northeast corner of Iredell County property (Deed Book 744, Page 570) at North 34 degrees 17 minutes 05 seconds East (MC Grid) 4359.19 feet (Horizontal Surface) from USGS Control Monument "Third" N.A.D. 1983 X=443,964.081m Y=224,594.659m; thence from the point of BEGINNING and along the dividing boundary line between said county and the aforesaid Woodridge Corporation properties the following six (6) courses and distances: (1) South 65 degrees 42 minutes 34 seconds West 226.09 feet to an iron found; (2) South 36 degrees 29 minutes 07 seconds East 17.44 feet to an iron found; (3) South 71 degrees 37 minutes 09 seconds West 613.56 feet to an iron found; (4) North 84 degrees 33 minutes 35 seconds West 1475.82 feet to an iron found in the eastern boundary of the Iredell County property (Deed Book 816, Page 155); (5) North 04 degrees 47 minutes 49 seconds East 153.67 feet to an iron found; and (6) South 85 degrees 10 minutes 10 seconds West 143.53 feet to an iron found at North 75 degrees 53 minutes 06 seconds East 127.05 feet from an iron rebar found; thence along a new line North 74 degrees 50 minutes 30 seconds West 16.30 feet to a point in the centerline of a branch, a tributary to Fourth Creek; thence down and along the center of said branch the following 44 courses and distances:

- | | | | |
|------|--------------------------|------|--------|
| (1) | North 30 degrees 06' 20" | East | 66.93' |
| (2) | North 49 degrees 48' 58" | East | 95.27' |
| (3) | North 54 degrees 58' 35" | East | 32.82' |
| (4) | North 29 degrees 36' 14" | West | 36.47' |
| (5) | North 69 degrees 01' 50" | East | 48.97' |
| (6) | North 44 degrees 50' 34" | East | 66.31' |
| (7) | North 74 degrees 01' 10" | East | 47.39' |
| (8) | North 18 degrees 18' 37" | East | 40.62' |
| (9) | North 76 degrees 25' 34" | East | 26.35' |
| (10) | South 84 degrees 53' 34" | East | 70.55' |
| (11) | North 37 degrees 55' 43" | East | 39.37' |
| (12) | South 83 degrees 45' 27" | East | 43.11' |
| (13) | South 60 degrees 21' 40" | East | 58.70' |
| (14) | South 63 degrees 45' 37" | East | 84.89' |
| (15) | South 63 degrees 41' 34" | East | 50.71' |
| (16) | South 56 degrees 56' 07" | East | 79.24' |

847 52909

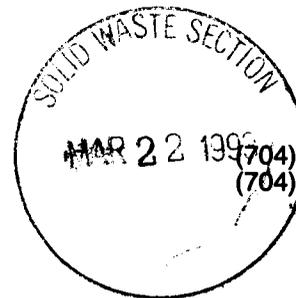
(17) South 74 degrees 27' 26" East 11.85'
 (18) South 05 degrees 45' 54" East 14.45'
 (19) South 88 degrees 18' 58" East 29.81'
 (20) North 05 degrees 11' 28" East 11.28'
 (21) North 71 degrees 02' 41" East 88.64'
 (22) North 61 degrees 25' 18" East 79.20'
 (23) South 78 degrees 08' 23" East 94.84'
 (24) South 81 degrees 29' 16" East 83.60'
 (25) North 87 degrees 22' 43" East 92.50'
 (26) South 47 degrees 27' 07" East 31.12'
 (27) South 85 degrees 27' 59" East 83.50'
 (28) South 74 degrees 30' 37" East 81.08'
 (29) South 68 degrees 22' 43" East 46.47'
 (30) South 78 degrees 14' 22" East 85.81'
 (31) South 89 degrees 33' 01" East 14.88'
 (32) South 83 degrees 20' 19" East 73.94'
 (33) South 59 degrees 27' 07" East 104.35'
 (34) South 62 degrees 48' 13" East 32.53'
 (35) South 63 degrees 57' 32" East 117.55'
 (36) South 72 degrees 47' 30" East 82.60'
 (37) North 61 degrees 14' 58" East 34.48'
 (38) North 63 degrees 04' 52" East 78.04'
 (39) North 40 degrees 45' 50" East 103.59'
 (40) North 87 degrees 43' 58" East 24.62'
 (41) North 25 degrees 58' 17" East 45.02'
 (42) North 76 degrees 39' 57" East 110.44'
 (43) North 77 degrees 47' 04" East 40.61'
 (44) North 51 degrees 12' 29" East 63.73' to an iron set
 near the end of triple arch culverts carrying said branch
 under NCS# 2315, thence South 44 degrees 50 minutes 20
 seconds East 261.13 feet to the point of BEGINNING.

Filed for registration March 27, 1993 5:51 PM BRENDA D. BELL
 Register of Deeds By: [Signature] Ass't/Deputy



IREDELL COUNTY

Post Office Box 788
Statesville, North Carolina 28687-0788



March 18, 1993

N.C. Dept. of Environment, Health and Natural Resources
Division of Solid Waste Management
P. O. Box 27687
Raleigh, NC 27611-7687

Attn: Mr. Ellis Cayton, P.E.
Re: Iredell County Lined Landfill

Dear Ellis:

I appreciated the opportunity to sit down with you and Bobby Lutfy this past Tuesday. Although I was somewhat surprised at the number of comments made about the design, I was comforted by the fact that apparently MES has most of the information already in hand and they just need to forward that info to you. I'm sure that Wayne Sullivan and Wendall Parker will forward that information as quickly as possible so that you and Bobby can complete your review.

You obviously have been concentrating on our plans the past several weeks and we appreciate your effort and everyone else's efforts that have been involved in the review. Needless to say, we look forward to receiving our permit on April 1!

Sincerely,

A handwritten signature in cursive script that reads "H. Carson Fisher".

H. Carson Fisher, P.E.
County Engineer

cc: Mr. Wayne Sullivan, MES
Mr. Joel Mashburn, County Manager
Mr. Ron Weatherman, Solid Waste Director

HCF/cs