

North Carolina  
Department of Environment and Natural Resources



Division of Waste Management

Michael F. Easley, Governor  
William G. Ross Jr., Secretary  
Dexter R. Matthews, Director

LCIDN25-H Permit Leslie E. Parson  
LCIDLandfill

May 20, 2002

Mr. Leslie E. Parson  
P.O. Box 1065  
Bridgeton, North Carolina 28519

Subject: Permit to Construct: Leslie E. Parson Land Clearing and Inert Debris Landfill located in Number 2 Township, Bridgeton, Craven County, North Carolina. Permit #25-H.

Dear Mr. Parson:

Enclosed please find a Solid Waste Permit, Conditions of the Solid Waste Permit, and a Certified Copy of the Solid Waste Permit for the above referenced Land Clearing & Inert Debris(LCID)landfill. This is a PERMIT TO CONSTRUCT, issued in accordance with Section .0201(b) and consistent with Section .0203 and .0563(6)(c) of the Solid Waste Management Rules 15A NCAC 13B. Phase I is approved for construction as shown on sheet 1 of 4 "PROPOSED BOUNDARY AND EXISTING CONDITIONS" and sheet 3 of 4 "SECTION AND ISOMETRIC VIEWS OF PROPOSED TOPOGRAPHICAL CONTOURS". Based on the plans submitted, no excavation is proposed within the landfill footprint limits, with the exception of stripping topsoil in the northern half of PHASE 1 footprint. Structural fill shall be placed to a elevation of 15 feet mean sea level(msl) in the southeast part of PHASE 1, based on contours depicted on sheet 1 of 4. The issuance of this permit does not exempt an applicant from any local ordinances that may regulate a facility and the responsibility of compliance with any applicable ordinance lies with the permit holder.

Please note Condition No. 3, which states that this permit shall not be effective unless the certified copy is filed in the Register of Deeds office and the copy is returned to the Solid Waste Section, within thirty (30) working days, from date received, with the page and book number, date of recordation, and Register's seal.

Also note Condition No. 9, which requires that a pre-operative meeting be held and that outlines the pre-operative conditions that need to be met prior to operation of Phase I.

1646 Mail Service Center, Raleigh, North Carolina 27699-1646  
Phone: 919-733-0692 \ FAX: 919-733-4810 \ Internet: [www.enr.state.nc.us/](http://www.enr.state.nc.us/)

Mr. Parson  
Page 2  
May 20, 2002

Please contact Mr. Ray Williams, Environmental Technician, when you are ready to schedule this meeting. Mr. Williams can be reached in our Washington Regional Office at (252) 946-6481. If you have questions about your permit, please contact me at (910) 486-1541 Ext: 225 or (919) 733-0692 Ext: 344.

Sincerely,

A handwritten signature in black ink, appearing to read "Jim Barber". The signature is fluid and cursive, with the first name "Jim" and last name "Barber" clearly distinguishable.

Jim Barber  
Eastern Area Engineer  
Solid Waste Section

cc: Jim Coffey  
Mark Fry  
Ray Williams  
✓ Raleigh Central File: Permit # 25-H: Parson LCID LF; Craven County

PERMIT NUMBER: 25-H  
ORIGINAL DATE ISSUED(PTC): 05/20/02

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

1646 MAIL SERVICE CENTER; RALEIGH, N.C. 27699-1646

**SOLID WASTE PERMIT**

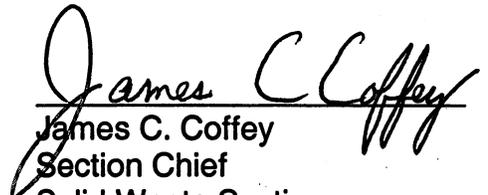
**LESLIE E. PARSON**

is hereby issued a PERMIT TO CONSTRUCT

PHASE I of a

LAND CLEARING AND INERT DEBRIS (LCID) LANDFILL

on property located east of Highway U.S. 17, in Number 2 Township, Bridgeton, Craven 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 in the permit application and the site drawings.

  
James C. Coffey  
Section Chief  
Solid Waste Section  
Division of Waste Management

PERMIT NUMBER: 25-H  
ORIGINAL DATE ISSUED(PTC): 05/20/02  
FACILITY NAME: LESLIE E. PARSON  
LAND CLEARING & INERT DEBRIS LF(phase 1)  
BRIDGETON, CRAVEN COUNTY, N.C..

CONDITIONS OF PERMIT

1. This PERMIT TO CONSTRUCT is issued for the construction of the proposed LAND CLEARING AND INERT DEBRIS LANDFILL (PHASE 1 ) in accordance with the approved plan sheet 1 OF 4 AND 3 OF 4 dated (received as part of the permit submittal document dated 3 May 2002 and ADDENDUM #1 received 5/14/02). This permit is for the construction of PHASE I, as shown on sheet 1 of 4, along with any infrastructure that is required by the rules; i.e. gate, sign, access road, and incidental grading of the PHASE I to allow for surface water management .
2. All earth disturbing activities will be conducted in accordance with all federal, state, and local requirements and consistent with the NPDES permits issued from the Division of Water Quality.
3. All sedimentation and erosion control activities shall be conducted in accordance with the Sedimentation Control Act 15A NCAC 4 and consistent with the approved mining permit (25-39) issued by the Division of Land Resources - Land Quality Section and the Letter of Approval with Modification dated 2 November 2001.
4. **This permit shall not be effective unless the certified copy is filed in the Register of Deeds office and indexed in the grantor index under the name of the owner of the land in the county or counties in which the land is located.** The certified copy of the permit, affixed with the Register's seal and the date, book, and page number of recording shall be returned to the Division of Solid Waste Management, within **THIRTY (30)** working days, from date received. Please send the recorded permit copy to:  

SOLID WASTE SECTION  
225 GREEN STREET; SUITE 601  
FAYETTEVILLE, NORTH CAROLINA 28301  
ATTN: JIM BARBER
5. When this property is sold, leased, conveyed, or transferred, the deed or other instrument of transfer shall contain in the deed 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 land clearing and inert debris landfill.

PERMIT NUMBER: **25-H**  
ORIGINAL DATE ISSUED(PTC): 05/20/02  
FACILITY NAME: **LESLIE E. PARSON**  
**LAND CLEARING & INERT DEBRIS LF(phase 1)**  
**BRIDGETON, CRAVEN COUNTY, N.C..**

6. Waste shall be placed a minimum of four (4) feet above the seasonal high water table. Excavation at the site is not planned in accordance with the permit submittal document., with the exception of stripping topsoil in the northern half of PHASE 1 footprint. Incidental grading can be performed to managed surface water at the site within PHASE I. If grading or borrowing of soils outside of the proposed landfill footprint is necessary, then a as-built drawing can be produced and submitted with the Permit to Operate application.
7. This permit is not transferable.
8. The following requirements shall be met prior to the issuance of the **PERMIT TO OPERATE** and receiving solid waste at the site:
  - a. A site inspection and pre-operative meeting shall be conducted by a representative of the Solid Waste Section.
  - b. A sign shall be posted at the entrance as required by the NC Solid Waste Management Rules Operational Requirements, 15A NCAC 13B .0566 (16).
  - c. Survey stakes/posts shall be installed to delineate the limits of PHASE I.
  - d. Certification letter by a register engineer or the project engineer that the required site work was done in accordance with the approved plans and that the separation of four feet to seasonal high groundwater, as shown on the approved plans is consistent with Solid Waste Section Rules.
  - e. Site access controls shall be installed and operational.

BK 1544 PG 035

2-039-089

White

STATE OF NORTH CAROLINA

COUNTY OF CRAVEN

THIS DEED, made and entered into this the 16 day of December, 1996, by and between RAYMOND A. PARSON and wife, JANICE PARSON, parties of the first part; and LESLIE E. PARSON and wife, AUDREY A. PARSON, whose address is P.O. Box 10165 Bridgton NC 28519, parties of the second part;

WITNESSETH:

That the parties of the first part in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable considerations to said parties paid by the parties of the second part, the receipt of which hereby is acknowledged, have bargained and sold and by these presents do bargain, sell and convey unto the parties of the second part, said parties' heirs and assigns, the following described property, to wit:

All those certain tracts or parcels of land lying and being situate in Number Two Township, Craven County, North Carolina and being more particularly described as follows:

All the property described by the deed recorded in Book 808, Page 416, and being more specifically described as follows:

Beginning at a point in the eastern right of way line of U.S. Highway No. 17 which said point of beginning marks the southwestern corner of the property described by the map recorded in Book 1493, Page 809, in the office of the Register of Deeds of Craven County. Thence from this point of beginning so located along and with the eastern right of way line of U.S. Highway No. 17 ~~North 13° 47' 04"~~ West to the northern line of the property described by the deed recorded in Book 808, Page 416, in the office of the Register of Deeds of Craven County; thence along and with the northern line of the property described by the deed recorded in Book 808, Page 416, in an easterly direction to the eastern line of the property shown on the map recorded in Book 1493, Page 809; thence along and with the eastern line of the property shown on the map recorded in Book 1493, Page 809, ~~South 23° 03' 49"~~ West to the southeastern corner of the property shown on the map recorded in Book 1493,

WARD AND SMITH, P.A., ATTORNEYS AT LAW

12-10-96

\$55.00

Real Estate Excise Tax



STATE OF NORTH CAROLINA

CRAVEN COUNTY 5891

Page 809; thence along and with the southern line of the property shown on the map recorded in Book 1493, Page 809, North 67° 02' 37" West 1585.967 feet to the point of beginning.

This conveyance is made subject to that certain deed of trust dated December 27, 1995, recorded in Book 1493, Page 810, as amended by instrument recorded in Book 1497, Page 117, from Raymond A. Parson and wife, Janice S. Parson, to C. H. Pope, Jr., Trustee for W. O. Gaskins, Jr. and wife, Dees Bennett Gaskins, in the original principal amount of \$62,500. The parties of the second part, as a portion of the consideration for this conveyance, hereby assume and agree to pay the balance due on the note secured by said deed of trust and further assume all the obligations as set forth in said note and said deed of trust including, but not being limited to, the obligation to repay the indebtedness. The parties of the second part agree to hold the parties of the first part harmless from, and to indemnify said parties against, all loss, cost, liability, claim, suit or damage arising as a result of said note and said deed of trust.

TO HAVE AND TO HOLD said property and all privileges and appurtenances thereunto belonging to the parties of the second part, said parties' heirs and assigns forever.

And the parties of the first part do covenant that said parties are seized of said property in fee and have the right to convey same in fee simple; that the same is free from encumbrances except any encumbrances or restrictions mentioned above and that said parties will warrant and defend the title to the same against the lawful claims of all persons whomsoever.

IN TESTIMONY WHEREOF, the parties of the first part have set said parties' hands hereto and have adopted as said parties'

seals the typewritten word "SEAL" appearing beside said parties' names, this the day and year first above written.

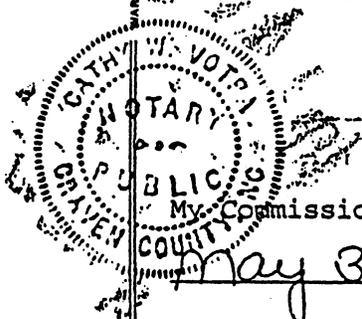
Raymond A. Parson (SEAL)  
Raymond A. Parson

Janice Parson (SEAL)  
Janice Parson

STATE OF NORTH CAROLINA  
COUNTY OF CRAVEN

I, Cathy W. Votra, a Notary Public in and for said County and State, do hereby certify that RAYMOND A. PARSON and wife, JANICE PARSON, personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal, this the 6 day of December, 1996.



Cathy W. Votra  
Notary Public

STATE OF NORTH CAROLINA  
COUNTY OF CRAVEN

The foregoing certificate of Cathy W. Votra, a Notary Public of said County and said State, is 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 Craven County, North Carolina, in Book 1544, Page 35.

This 10<sup>th</sup> day of December, 1996, at  
10:15 o'clock A.M.

Jeddy Simpson  
Register of Deeds

By: Kevin S. Sharp, Asst.

WARD AND SMITH, P.A., ATTORNEYS AT LAW

## ATTACHMENTS

1. Permit submittal document dated 3 May 2002, with original drawings dated 30 April 2002, received 6 May 2002. Included in this document are the following items;
  - a. Zoning consistency letter dated 10 August 2001
  - b. Site plans, construction and operational
  - c. E&S approval letter dated 10 September 2001
  - d. Craven County road map
  - e. Ground water determination report
  - f. Warranty deed recorded 10 December 1996/ Book: 1544 Pages:035-038
  - g. 100 year floodplain map copy
  - h. Corps of Engineers letter dated 24 September 2001
  - i. Letter from Cultural Resources dated 27 August 2001
  - j. Letter from Natural Heritage Program dated 14 August 2001
  - k. Letter dated 30 November 2001 from DWQ addressing Storm Water permit SW7011003.
2. Completeness review phone conversation with Mike Rice on 8 May 2002.
3. Addendum #1 dated consisting of revised drawings 1 of 4 and 3 of 4, along with operation plan section "C". Both documents received on 16 May 2002.





**Leslie E. Parson**

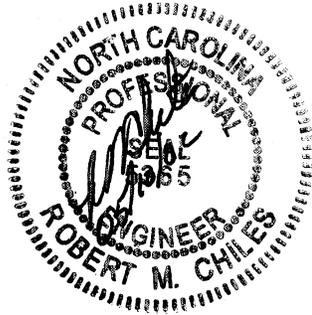
**Land Clearing and Inert Debris (LCID) Landfill**

**Permit Application Data and LCID Operation Criteria**

**Number 2 Township  
Craven County  
Bridgeton, N.C.**

Prepared By

Robert M. Chiles, P.E.  
P.O. Box 3496  
New Bern, N.C.  
(252) 637 - 4702  
April 30, 2002  
Revised May 10, 2002



**APPROVED**  
DIVISION OF SOLID WASTE MANAGEMENT  
DATE 5/20/02 BY DAIS  
25-H  
CENTRAL FILE COPY  
PTC.

**Leslie E. Parson**

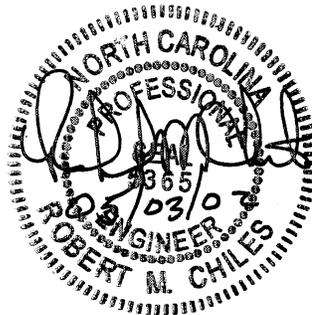
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New Bern, N.C.  
(252) 637 - 4702  
April 30, 2002



# INDEX

## I. INTRODUCTION

## II. LOCATION INFORMATION

- A. Craven County Deed Book 1544, Pages 35-38.
- B. County Map with Approximate Location Indicated.
- C. Portion of FEMA FIRM Community Panel Number 370072 0245C with Approximate Location Indicated.
- D. Portion of USGS Quadsheet "ASKIN" with Approximate Location Indicated.

## III. SITING REQUIREMENTS AND SUPPORTING DATA

- A. 15A NCAC 13B.0564: Siting Criteria for Land Clearing and Inert Debris (LCID) Landfills.
- B. Seasonal High Water Table Elevation Determination.
- C. Site Photographs of October 2001 Water Table Test Excavation.
- D. Map Showing Relative Positions of LCID Site and Water Level Observation Wells NC138 and NC196.
- E. Copy, Well Descriptions and Water-Level Measurements for Wells NC138, and NC196.
- F. Base Elevation Statement for <2 Acre LCID Landfill Described in Craven County Deed Book 1845, Page 503.
- G. Copy, Zoning Consistency Letter from Craven County Office of Planning and Community Development.
- H. Copy, Letter from the N.C. Department of Cultural Resources, State Historic Preservation Office.
- I. Copy, Findings of the N.C. National Heritage Program, Department of Parks and Recreation.
- J. Copy, U.S. Army Corps of Engineers, Notification of Jurisdictional Determination.
- K. Copy, NCDENR, Division of Land Resources, Land Quality Section, Erosion and Sedimentation Control Plan No. Crave-2002-009, Letter of Approval with Modification, dated November 2, 2001.
- L. Copy, NCDENR, Division of Water Quality General Stormwater Permit No. SW7011003, dated November 30, 2001.

## IV. OPERATION PLAN

- A. General Operation Information.
- B. 15A NCAC 13B.0566: Operational Requirements for Land Clearing and Inert Debris (LCID) Landfills.
- C. Estimated Operating Volumes

## V. DRAWINGS OF PROPOSED 8.8± ACRE LCID LANDFILL

- A. Sheet 1, Proposed Boundary and Existing Conditions.
- B. Sheet 2, Proposed 3H:1V Topographical Contours.
- C. Sheet 3, Section and Isometric Views.
- D. Sheet 4, Area Within ¼th Mile of LCID.

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## **I INTRODUCTION**

Parson Hauling and Clearing is owned and operated by Mr. Leslie E. Parson. The decreasing availability of disposal sites and the increasing cost of disposal for the land clearing debris generated by his business prompted Mr. Parson to provide his own disposal site.

Mr. Parson owns a 78± acre tract of land approximately four miles north of Bridgeton, N.C. within which an 8.8± acre Land Clearing and Inert Debris (LCID) Landfill is proposed. The office for Mr. Parson's hauling and clearing business, and a shallow sand mine are currently located on other portions of this tract.

The proposed landfill will incorporate an existing less-than-two-acre land clearing and inert debris landfill that is currently being operated on the site. The landfill shall be operated entirely above ground, and on sufficient fill to ensure the required vertical separation between the landfill and the seasonal high groundwater table.

More specific information regarding the location, siting and operating requirements, supporting data and drawings follow.

**II. LOCATION INFORMATION**

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2-039-089  
White

BK 1544 PG 035

STATE OF NORTH CAROLINA  
COUNTY OF CRAVEN

THIS DEED, made and entered into this the 16 day of December, 1996, by and between RAYMOND A. PARSON and wife, JANICE PARSON, parties of the first part; and LESLIE E. PARSON and wife, AUDREY A. PARSON, whose address is P.O. Box 10105  
Bridgton NC 28519, parties of the second part;

WITNESSETH:

That the parties of the first part in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable considerations to said parties paid by the parties of the second part, the receipt of which hereby is acknowledged, have bargained and sold and by these presents do bargain, sell and convey unto the parties of the second part, said parties' heirs and assigns, the following described property, to wit:

All those certain tracts or parcels of land lying and being situate in Number Two Township, Craven County, North Carolina and being more particularly described as follows:

All the property described by the deed recorded in Book 808, Page 416, and being more specifically described as follows:

Beginning at a point in the eastern right of way line of U.S. Highway No. 17 which said point of beginning marks the southwestern corner of the property described by the map recorded in Book 1493, Page 809, in the office of the Register of Deeds of Craven County. Thence from this point of beginning so located along and with the eastern right of way line of U.S. Highway No. 17 North 13° 47' 04" West to the northern line of the property described by the deed recorded in Book 808, Page 416, in the office of the Register of Deeds of Craven County; thence along and with the northern line of the property described by the deed recorded in Book 808, Page 416, in an easterly direction to the eastern line of the property shown on the map recorded in Book 1493, Page 809; thence along and with the eastern line of the property shown on the map recorded in Book 1493, Page 809, South 23° 03' 49" West to the southeastern corner of the property shown on the map recorded in Book 1493,

WARD AND SMITH, P.A., ATTORNEYS AT LAW

12-18-96

\$55.00

Real Estate  
Excise Tax



CRAVEN COUNTY  
5891

STATE OF  
NORTH  
CAROLINA

Page 809; thence along and with the southern line of the property shown on the map recorded in Book 1493, Page 809, North 67° 02' 37" West 1585.96 feet to the point of beginning.

This conveyance is made subject to that certain deed of trust dated December 27, 1995, recorded in Book 1493, Page 810, as amended by instrument recorded in Book 1497, Page 117, from Raymond A. Parson and wife, Janice S. Parson, to C. H. Pope, Jr., Trustee for W. O. Gaskins, Jr. and wife, Dees Bennett Gaskins, in the original principal amount of \$62,500. The parties of the second part, as a portion of the consideration for this conveyance, hereby assume and agree to pay the balance due on the note secured by said deed of trust and further assume all the obligations as set forth in said note and said deed of trust including, but not being limited to, the obligation to repay the indebtedness. The parties of the second part agree to hold the parties of the first part harmless from, and to indemnify said parties against, all loss, cost, liability, claim, suit or damage arising as a result of said note and said deed of trust.

TO HAVE AND TO HOLD said property and all privileges and appurtenances thereunto belonging to the parties of the second part, said parties' heirs and assigns forever.

And the parties of the first part do covenant that said parties are seized of said property in fee and have the right to convey same in fee simple; that the same is free from encumbrances except any encumbrances or restrictions mentioned above and that said parties will warrant and defend the title to the same against the lawful claims of all persons whomsoever.

IN TESTIMONY WHEREOF, the parties of the first part have set said parties' hands hereto and have adopted as said parties'

seals the typewritten word "SEAL" appearing beside said parties' names, this the day and year first above written.

*Raymond A. Parson* (SEAL)  
Raymond A. Parson

*Janice Parson* (SEAL)  
Janice Parson

STATE OF NORTH CAROLINA  
COUNTY OF CRAVEN

I, *Cathy W. Votra*, a Notary Public in and for said County and State, do hereby certify that RAYMOND A. PARSON and wife, JANICE PARSON, personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal, this the *6* day of *December*, 1996.



*Cathy W. Votra*  
Notary Public

My Commission Expires:  
*May 30, 1999*

STATE OF NORTH CAROLINA  
COUNTY OF CRAVEN

The foregoing certificate of *Cathy W. Votra*, a Notary Public of said County and said State, is 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 Craven County, North Carolina, in Book *1544* Page *35*.

This 10<sup>th</sup> day of December, 1996, at  
10:15 o'clock A.M.

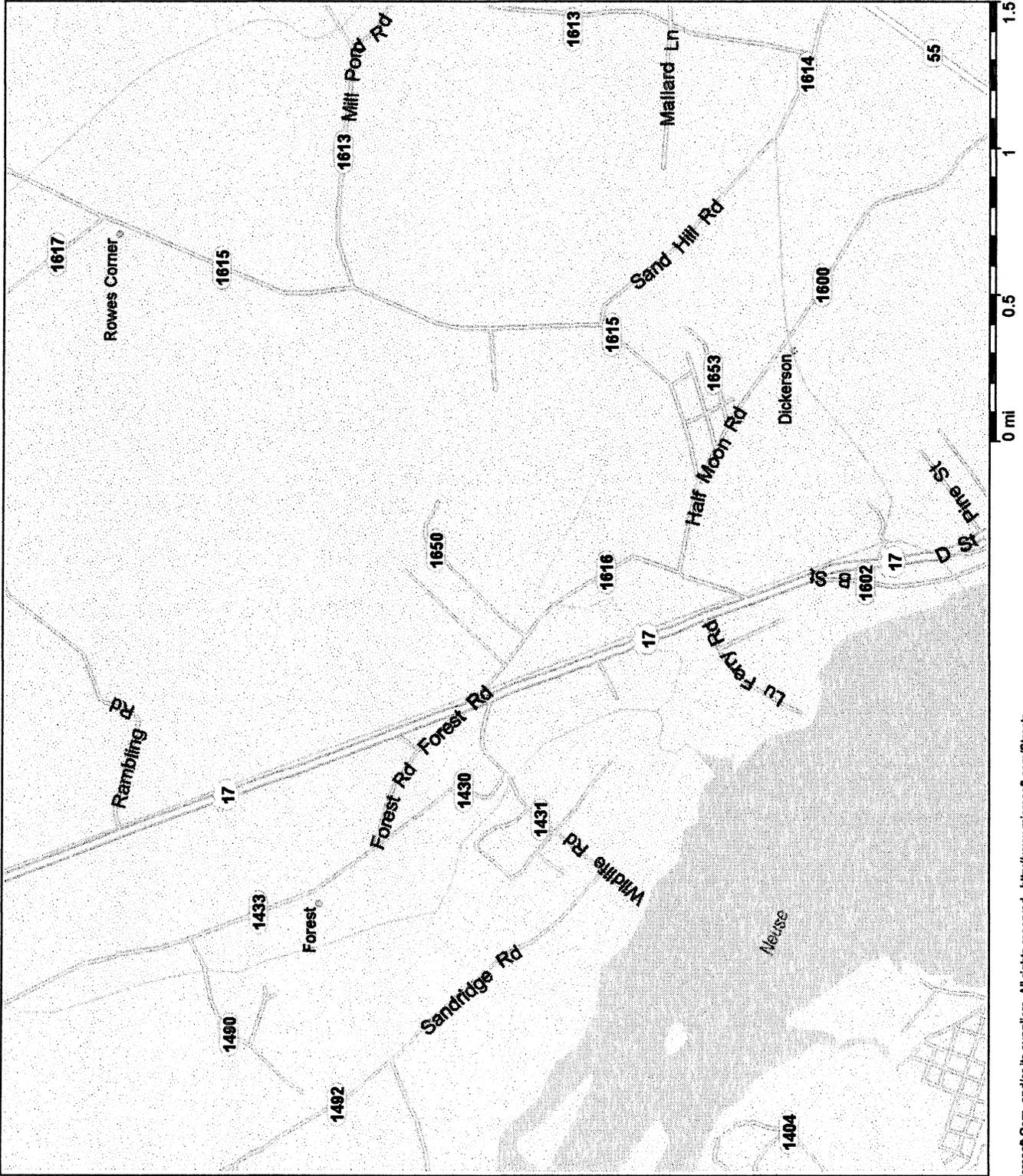
Jack Simpson  
Register of Deeds

By: Myra S. Sharp, Asst.

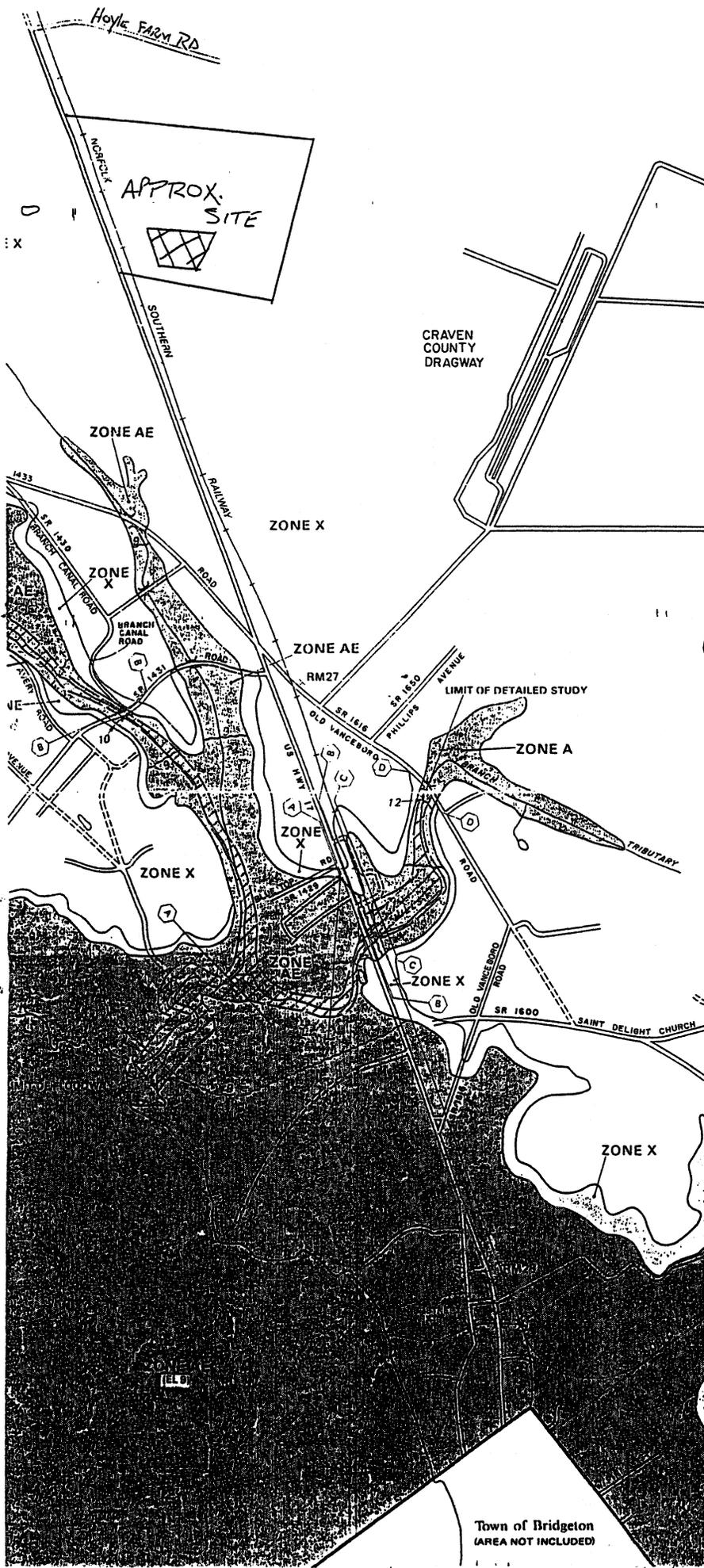
WARD AND SMITH, P.A., ATTORNEYS AT LAW

II. LOCATION INFORMATION - B

NORTH CAROLINA, UNITED STATES, NORTH AMERICA



# II. LOCATION INFORMATION - C



Boundary of Special Flood Hazard Zones, and Boundary Dividing Areas of Different Coastal Base Flood Elevations Within Special Flood Hazard Zones.

—513— Base Flood Elevation Line; Elevation in Feet\*

(D) Cross Section Line

(EL 987) Base Flood Elevation in Feet Where Uniform Within Zone\*

RM 7<sub>x</sub> Elevation Reference Mark

•M1.5 River Mile

revised to the National Geodetic Vertical Datum of 1929

### NOTES

Map is for use in administering the National Flood Insurance Program; it does not necessarily identify all areas subject to flooding, particularly from local geographic sources of small size, or all planimetric features outside Special Flood Hazard Areas. The community map repository should be consulted for possible additional flood hazard information prior to use of this map for property purchase or construction purposes.

Base flood elevations apply only landward of 0.0 NGVD, and include the effect of wave action; these elevations may also differ significantly from those published by the National Weather Service for hurricane evacuation planning.

Special flood hazard (100-year flood) include Zones A, AE, AH, AO, A99, VE.

Areas not in Special Flood Hazard Areas may be protected by flood control structures.

Floodway widths were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations in accordance with requirements of the Federal Emergency Management Agency.

Floodway widths in some areas may be too narrow to show to scale. Floodway widths are provided in the Flood Insurance Study Report.

Other map panels see separately printed Map Index.

**MAP REPOSITORY**  
 Craven County Planning Department, 408 Craven Street, New Barn, North Carolina 28560 (Maps available for reference only, not for distribution.)

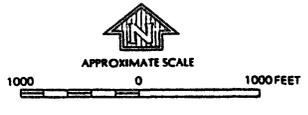
**INITIAL IDENTIFICATION:**  
 DECEMBER 20, 1974

**FLOOD HAZARD BOUNDARY MAP REVISIONS:**  
 NOVEMBER 17, 1978

**FLOOD INSURANCE RATE MAP EFFECTIVE:**  
 MAY 4, 1987

**FLOOD INSURANCE RATE MAP REVISIONS:**  
 JULY 16, 1995 - to change base flood elevations, to change special flood hazard areas and to update map format.

Even if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at (800) 638-6620.



## NATIONAL FLOOD INSURANCE PROGRAM

### FIRM FLOOD INSURANCE RATE MAP

CRAVEN COUNTY, NORTH CAROLINA (UNINCORPORATED AREAS)

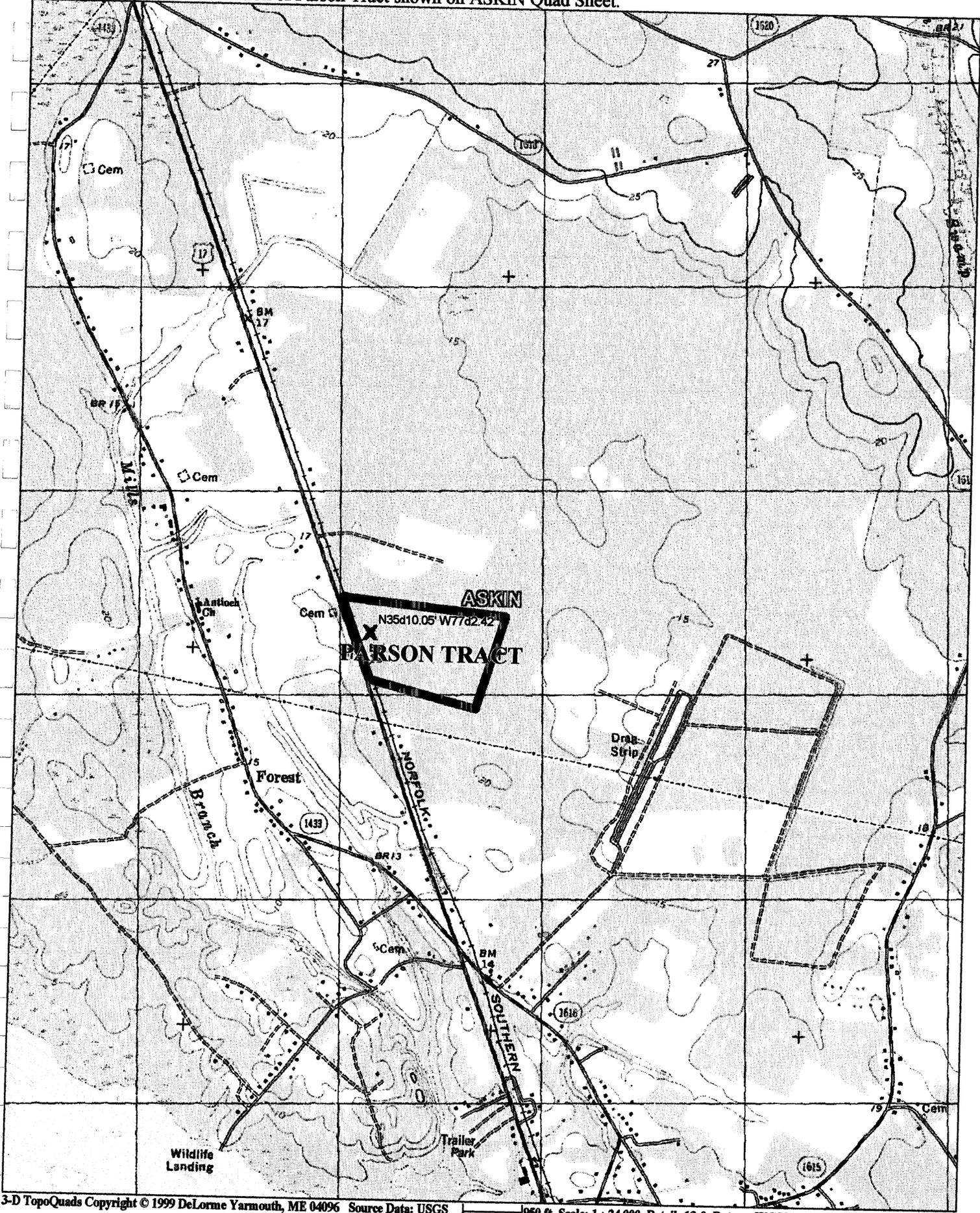
PANEL 245 OF 530 (SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY-PANEL NUMBER

370072 0245 C

# II. LOCATION INFORMATION - D

Approximate location of Parson Tract shown on ASKIN Quad Sheet.



### **III. SITING REQUIREMENTS AND SUPPORTING DATA**

- A. 15A NCAC 13B.0564: Siting Criteria for Land Clearing and Inert Debris (LCID) Landfills.
- B. Seasonal High Water Table Elevation Determination.
- C. Site Photographs of October 2001 Water Table Test Excavation.
- D. Map Showing Relative Positions of LCID Site and Water Level Observation Wells NC138 and NC196.
- E. Copy, Well Descriptions and Water-Level Measurements for Wells NC138, and NC196.
- F. Base Elevation Statement for <2 Acre LCID Landfill Described in Craven County Deed Book 1845, Page 503.
- G. Copy, Zoning Consistency Letter from Craven County Office of Planning and Community Development.
- H. Copy, Letter from the N.C. Department of Cultural Resources, State Historic Preservation Office.
- I. Copy, Findings of the N.C. National Heritage Program, Department of Parks and Recreation.
- J. Copy, U.S. Army Corps of Engineers, Notification of Jurisdictional Determination.
- K. Copy, NCDENR, Division of Land Resources, Land Quality Section, Erosion and Sedimentation Control Plan No. Crave-2002-009, Letter of Approval with Modification, dated November 2, 2001.
- L. Copy, NCDENR, Division of Water Quality General Stormwater Permit No. SW7011003, dated November 30, 2001.

### **III. SITING REQUIREMENTS AND SUPPORTING DATA - A**

#### **15A NCAC 13B.0564: Siting Criteria for Land Clearing and Inert Debris (LCID) Landfills.**

The following siting criteria shall apply for Land Clearing and Inert Debris (LCID) landfills:

1. Facilities or practices shall not be located in the 100-year floodplain.
2. Facilities or practices shall not cause or contribute to the taking of any endangered or threatened species of plants, fish, or wildlife.
3. Facilities or practices shall not result in the destruction or adverse modification of the critical habitat of endangered or threatened species as identified in 50 CFR Part 17 which is hereby incorporated by reference including any subsequent amendments and editions. This material is available for inspection at the Department of Environment, Health and Natural Resources, Division of Solid Waste Management, 401 Oberlin Road, Raleigh, North Carolina 27605 where copies can be obtained at no cost.
4. Facilities or practices shall not damage or destroy an archeological or historical site.
5. Facilities or practices shall not cause an adverse impact on a state park, recreation or scenic area, or any other lands included in the state nature and historic preserve.
6. Facilities shall not be located in any wetland as defined in the Clean Water Act, Section 404(b).
7. It must be shown that adequate suitable soils are available for cover, either from on or off site.
8. Land Clearing and Inert Debris landfills shall meet the following surface and ground water requirements:
  - a. Facilities or practices shall not cause a discharge of pollutants into waters of the state that is in violation of the requirements of the National Pollutant Discharge Elimination System (NPDES), under Section 402 of the Clean Water Act, as amended.
  - b. Facilities or practices shall not cause a discharge of dredged materials or fill material into waters of the state that is in violation of the requirements under Section 404 of the Clean Water Act, as amended.
  - c. Facilities or practices shall not cause non-point source pollution of waters of the state that violates assigned water quality standards.
  - d. Waste in landfills with a disposal area greater than two acres shall be placed a minimum of four feet above the seasonal high water table, except where an alternative separation is approved by the Division.
  - e. Waste in landfills with a disposal area less than two acres shall be placed above the seasonal high water table.
9. The facility shall meet the following minimum buffer requirements:
  - a. 50 feet from the waste boundary to all surface waters of the state as defined in G.S. 143-212.
  - b. 100 feet from the disposal area to property lines, residential dwellings, commercial or public buildings, and wells.
  - c. Buffer requirements may be adjusted as necessary to insure adequate protection of public health and the environment.
10. The facility shall meet all requirements of any applicable zoning ordinance.

### **III. SITING REQUIREMENTS AND SUPPORTING DATA - B**

The ground water table elevation was measured at the proposed site for this LCID landfill on October 9<sup>th</sup>, 2001, and April 25<sup>th</sup>, 2002.

On both dates, a test hole was excavated to a depth below the water table elevation, and measurements were taken to determine the elevations of the water table, and to determine the location of the test hole relative to the site.

During the both visits, the soil strata present in the wall of the excavation consisted of 12-18 inches of topsoil underlain by a clay layer measuring 3 to 4 feet thick. Directly below the clay layer, a rust-colored oxidation line was present, underlain by a fine, light colored sand that extended to the bottom of the excavation. The sand excavated from the hole was a uniform color, however the in-situ material in the excavation wall darkened considerably where it extended below the upper limit of the portion of ground wholly saturated with water.

Measurements taken in October established the water table at 6.7± feet, and the oxidation line at 10.2± feet, mean sea level. Measurements taken in April established the water table at 8.9± feet, mean sea level. The clay layer extended deeper in the April test pit, and its bottom was measured at 9.2± feet, mean sea level.

The seasonal water level change of 2.2± feet is less than the expected seasonal fluctuation based on those recorded in DENR Research Station Wells O21q2 (NC-138), and P18v3 (NC-196) during water year 1998. Water levels recorded at these wells indicate seasonal fluctuations of 4.5± and 3.5± feet, respectively. The well information was provided by Mr. Jim Barber, Eastern Area Engineer of the Solid Waste Section, NCDENR as typical values for the project area. Using an average fluctuation of 4 feet, the site's seasonal high water table elevation was anticipated to be 10.7± feet, mean sea level. The reduced fluctuation may be explained by variations in rainfall, recent local temperature extremes promoting early increases in evaporation and transpiration, and by the near presence of an active sand mine.

Neglecting the potential causes for the reduced fluctuation, assuming an average seasonal fluctuation of 4 feet and rounding up the seasonal low measured in October establishes a seasonal high water table elevation of 11 feet, mean sea level. Adding to this the required 4 feet of vertical separation dictates a base operating elevation for the LCID of 15 feet, mean sea level.

The location of the research wells relative to the project site, and copies of the data recorded at them are included in Sections III, D & E. for reference.

### III. SITING REQUIREMENTS AND SUPPORTING DATA - E

#### BEAUFORT COUNTY--Continued

352615077083402. Local number, NC-138; DENR Creeping Swamp Research Station well O21q2.

LOCATION.--Lat 35°26'15", long 77°08'38", Hydrologic Unit 03020202, 1 mi west of U.S. Highway 17 on State Highway 102, and 3 mi north of Wilmar. Owner: DENR (North Carolina Department of Environment and Natural Resources).

*19.4± miles from site*

AQUIFER.--Surficial aquifer.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 12 ft, diameter 4 in., cased to 7 ft, screened interval 7 to 12 ft.

INSTRUMENTATION.--Water-level recorder collecting data at 60-minute intervals.

DATUM.--Land-surface datum is 56.14 ft above sea level (levels by DENR). Measuring point: Top of instrument shelf, 2.61 ft above land-surface datum.

REMARKS.--Well is part of areal-effects network.

PERIOD OF RECORD.--August 1971 to current year. August 1971 to May 1987, continuous record, mean sea level. October 1997 to current year, continuous record, below land surface datum.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.05 ft above land-surface datum, Apr. 26, 27, 1979; lowest water level recorded, 6.40 ft below land-surface datum, Nov. 24-27, 1978.

#### WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

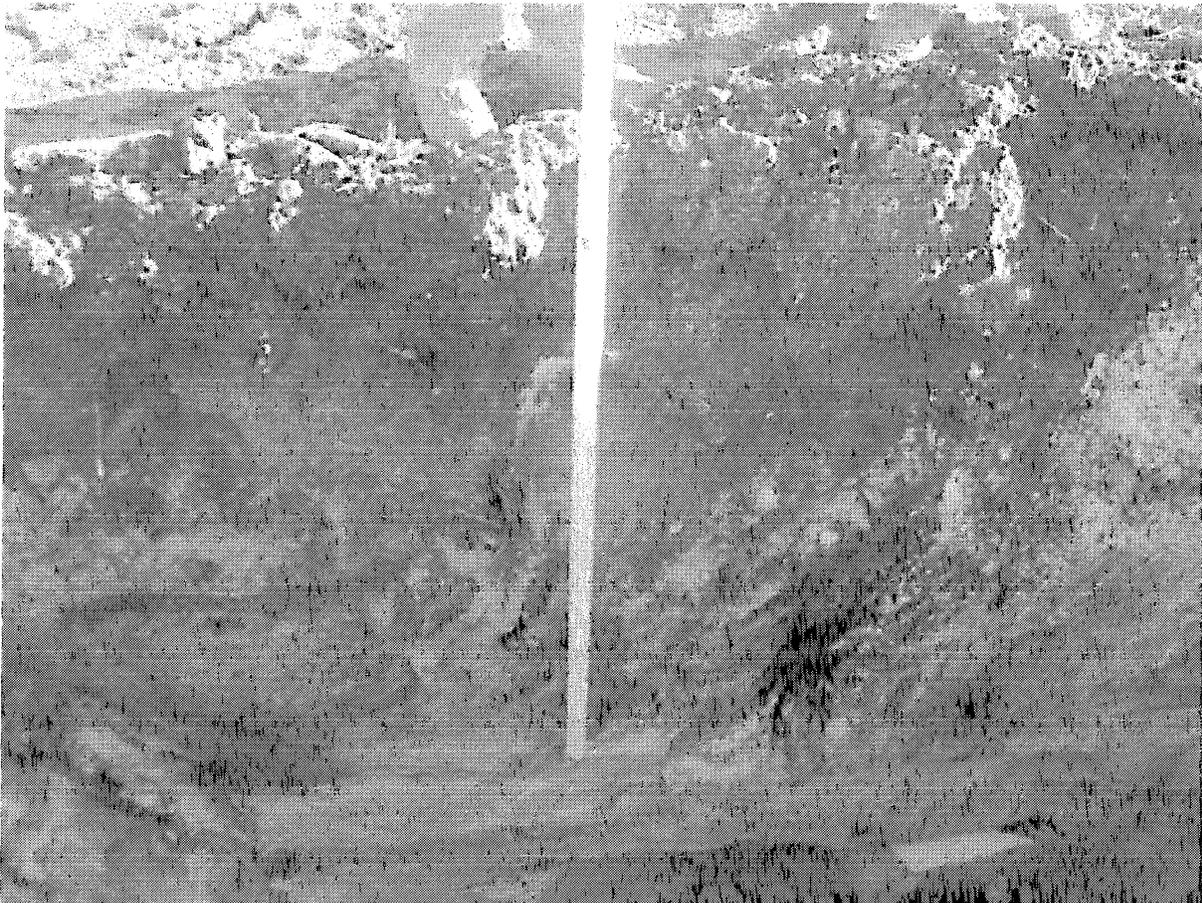
##### DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
	---	4.97	2.56	.96	.76	.87	1.03	1.22	1.49	3.15	4.52	1.67
	---	4.79	2.47	.97	.79	.89	1.00	1.26	1.54	3.36	4.56	1.82
	---	4.73	2.45	.99	.70	.90	1.01	1.39	1.49	3.49	4.62	1.63
4	---	4.73	2.38	1.01	.45	.92	.91	1.30	1.05	3.59	4.67	1.26
5	---	4.71	2.42	1.02	.58	.96	.97	1.05	1.03	2.57	4.70	1.36
	---	4.70	2.48	1.00	.64	.98	1.02	1.11	.96	2.72	4.73	1.46
	---	4.66	2.55	.99	.66	.98	1.07	1.11	1.03	3.00	4.75	1.62
8	---	4.66	2.59	.93	.70	.84	1.12	.84	1.13	3.21	4.80	1.38
9	---	4.66	2.49	.92	.74	.69	.78	.90	1.16	3.31	4.82	1.21
	---	4.67	2.42	.95	.76	.80	.84	.94	1.18	2.79	4.85	1.30
	---	4.68	2.44	.96	.70	.84	.88	.96	1.29	---	4.89	1.39
12	---	4.69	2.31	1.01	.67	.86	.92	1.00	1.42	3.28	4.94	1.55
13	---	4.56	2.22	.98	.72	.87	.96	1.03	1.41	3.50	4.97	1.74
	---	4.24	2.27	.99	.76	.89	.96	1.10	1.48	3.66	5.01	1.92
	---	4.13	2.32	.87	.79	.94	1.02	1.18	1.15	3.71	5.04	2.06
16	---	4.11	2.36	.68	.75	.94	1.07	1.31	1.30	3.61	4.98	2.18
17	---	4.12	2.41	.70	.51	.89	1.08	1.15	1.47	3.47	4.86	2.24
	---	4.11	2.50	.76	.65	.83	1.12	1.03	1.70	3.64	4.91	2.25
	---	4.11	2.53	.60	.71	.66	1.11	1.12	1.83	3.80	4.96	2.30
	---	4.12	2.53	.57	.72	.68	1.11	1.23	2.01	3.93	5.02	2.39
21	---	4.11	2.60	.64	.77	.71	1.20	1.35	2.22	4.03	5.07	2.45
	---	4.10	2.21	.67	.78	.76	1.12	1.54	2.39	4.13	5.11	2.55
	5.25	4.11	1.81	.52	.70	.81	1.01	1.26	2.54	4.22	5.15	2.72
	5.24	4.13	1.60	.54	.78	.83	1.08	1.10	2.65	4.29	5.18	2.82
25	5.23	4.15	1.29	.64	.85	.88	1.20	1.18	2.79	4.33	5.21	2.91
5	5.21	4.14	1.29	.67	.87	.91	1.31	1.33	2.94	4.28	4.07	3.01
7	5.10	4.18	1.07	.59	.86	.94	1.41	1.18	3.13	4.28	1.62	3.11
23	5.09	4.20	1.00	.58	.85	.96	1.48	1.02	3.26	4.34	1.34	3.20
29	5.11	4.20	.90	.65	---	1.00	1.59	1.10	3.34	4.42	1.38	3.25
30	5.13	3.39	.87	.69	---	1.05	1.67	1.20	3.31	4.43	1.46	3.26
1	5.14	---	.92	.74	---	1.09	---	1.31	---	4.45	1.55	---

WATER YEAR 1998      MEAN 2.18      HIGH .45      LOW 5.25

### III. SITING REQUIREMENTS AND SUPPORTING DATA - C

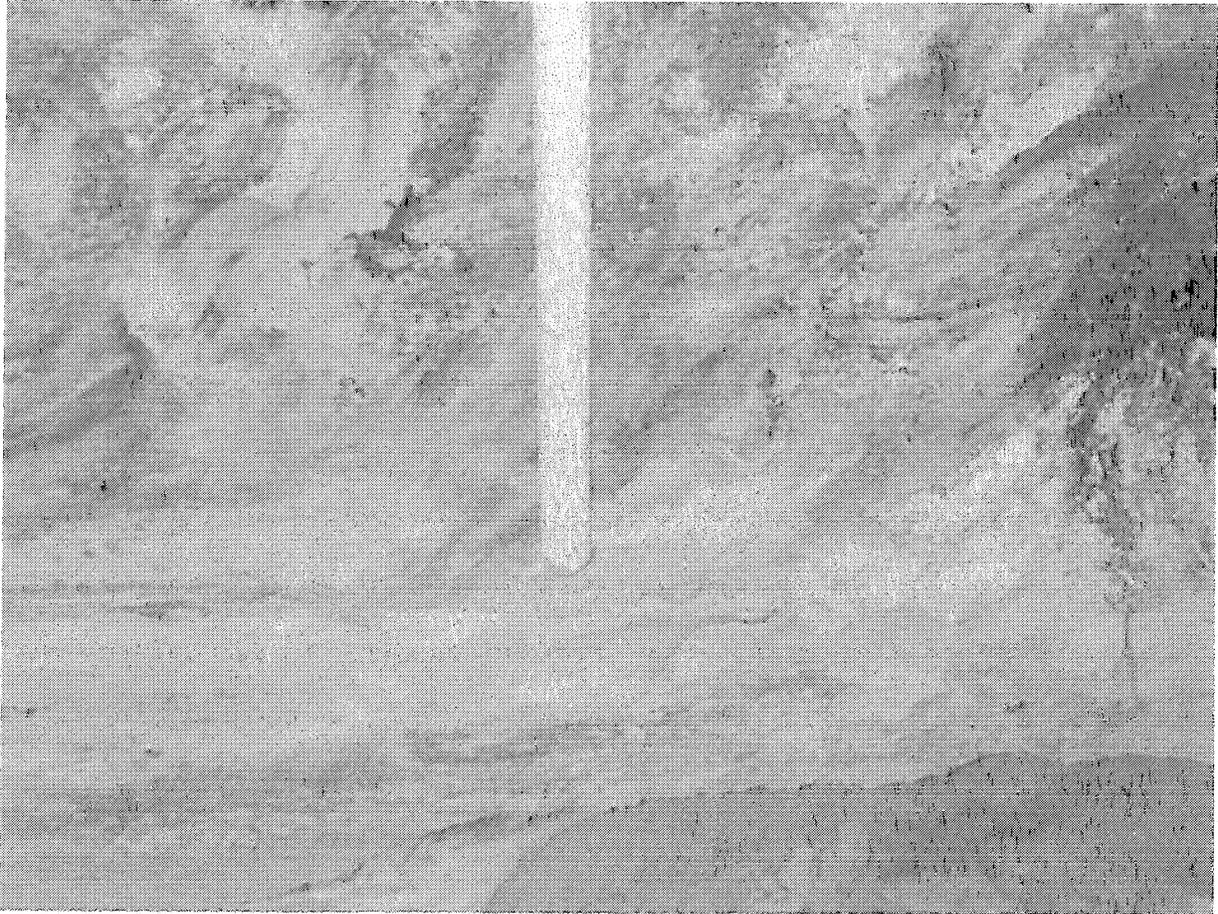
October 9, 2001, Test Hole, North Wall.



The base of the level rod is being held even with the line of oxidation present where the clay layer meets the underlying sand. The elevation recorded for the oxidation line is approximately 10.2 feet, mean sea level.

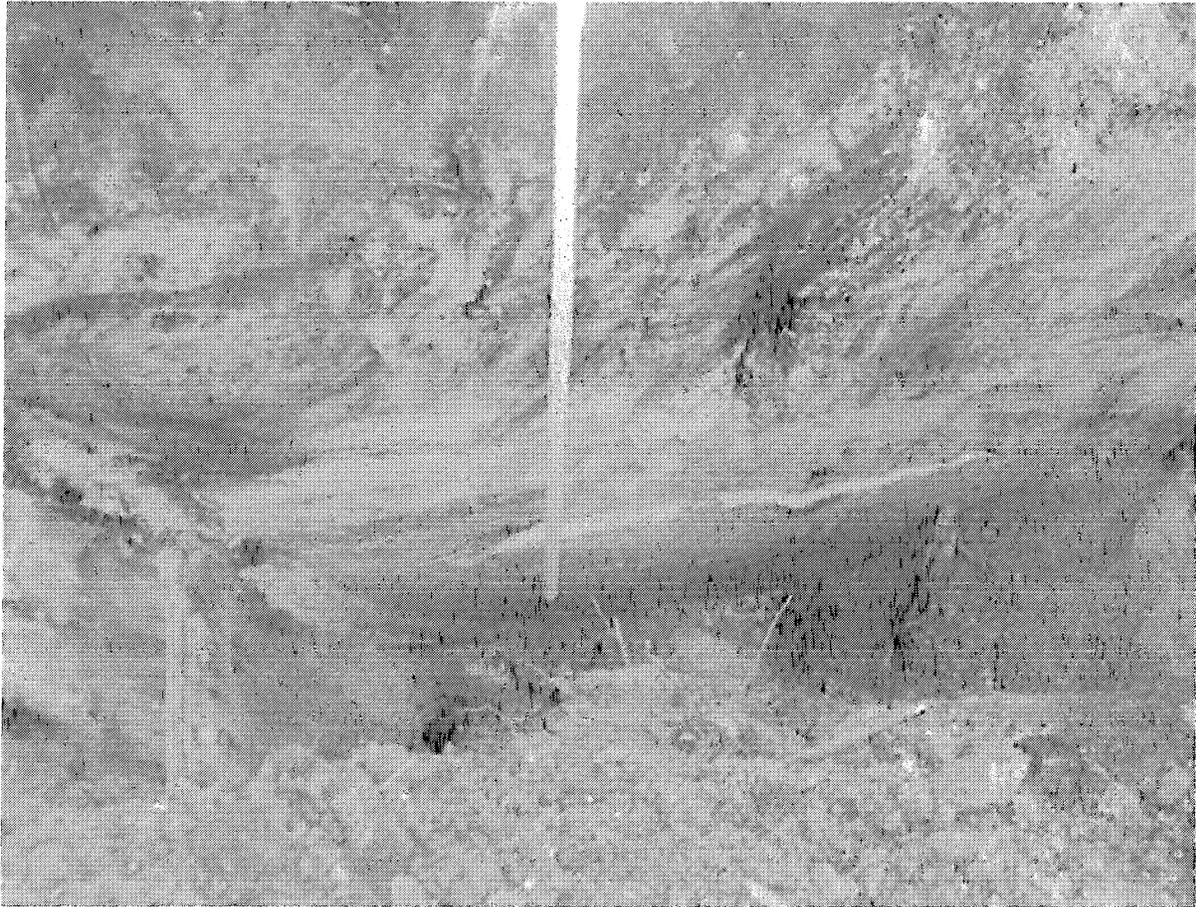
Note cave in of saturated soil in bottom of photo.

October 9, 2001, Test Hole, North Wall.



Close-up image of previous scenario.

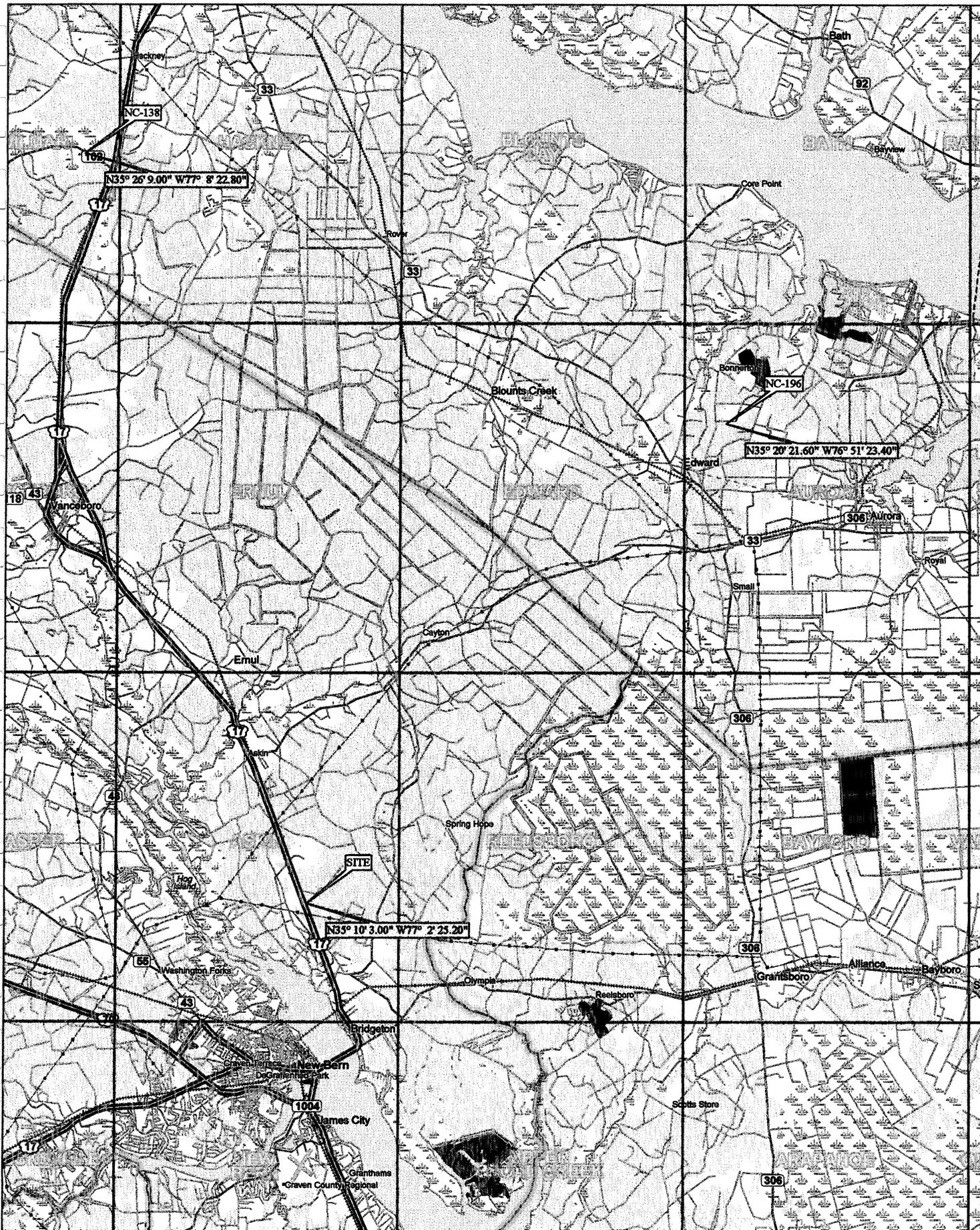
October 9, 2001, Test Hole, North Wall.

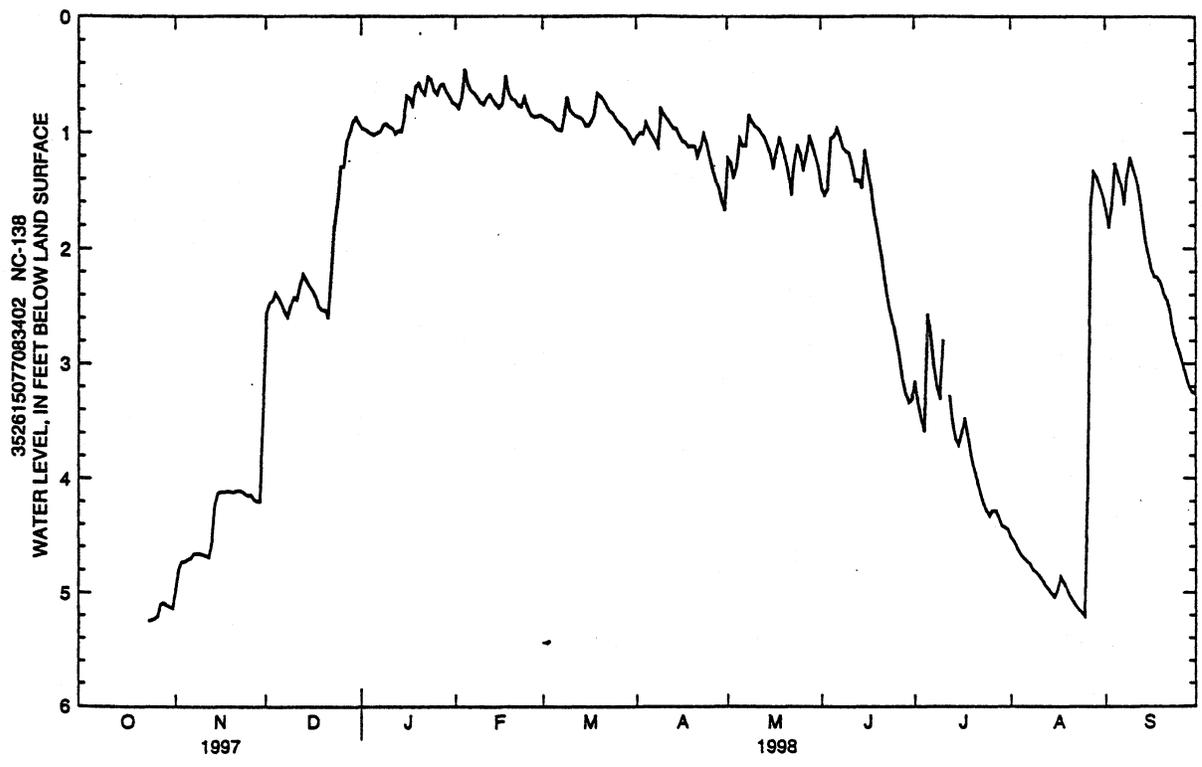


The base of the level rod is being held even with the top of the saturated soil where the test pit wall failed. The elevation, recorded as the water table, is approximately 6.7 feet, mean sea level.

Note darker color of saturated soil in bottom of hole.

### III. SITING REQUIREMENTS AND SUPPORTING DATA - D





## WELL DESCRIPTIONS AND WATER-LEVEL MEASUREMENTS

BEAUFORT COUNTY--Continued 15.9± miles from site

352036076513903. Local number, NC-196; DENR Bonneron Research Station well P18v3.

LOCATION.--Lat 35°20'36", long 76°51'39", Hydrologic Unit 03020104, 1 mi south of Bonneron on Secondary Road 1936.

Owner: DENR (North Carolina Department of Environment and Natural Resources).

AQUIFER.--Surficial aquifer of Post-Miocene age.

WELL CHARACTERISTICS.--Drilled observation well, depth 30 ft, diameter 4 in., cased to 20 ft, screened interval from 20 to 30 ft.

INSTRUMENTATION.--Water-level recorder collecting data at 60-minute intervals.

DATUM.--Land-surface datum is 37.64 ft above sea level (levels by DENR). Measuring point: Top of instrument shelf, 1.90 ft above land-surface datum.

REMARKS.--Water level is affected by nearby pumping associated with mining operations. Well is part of local-effects network.

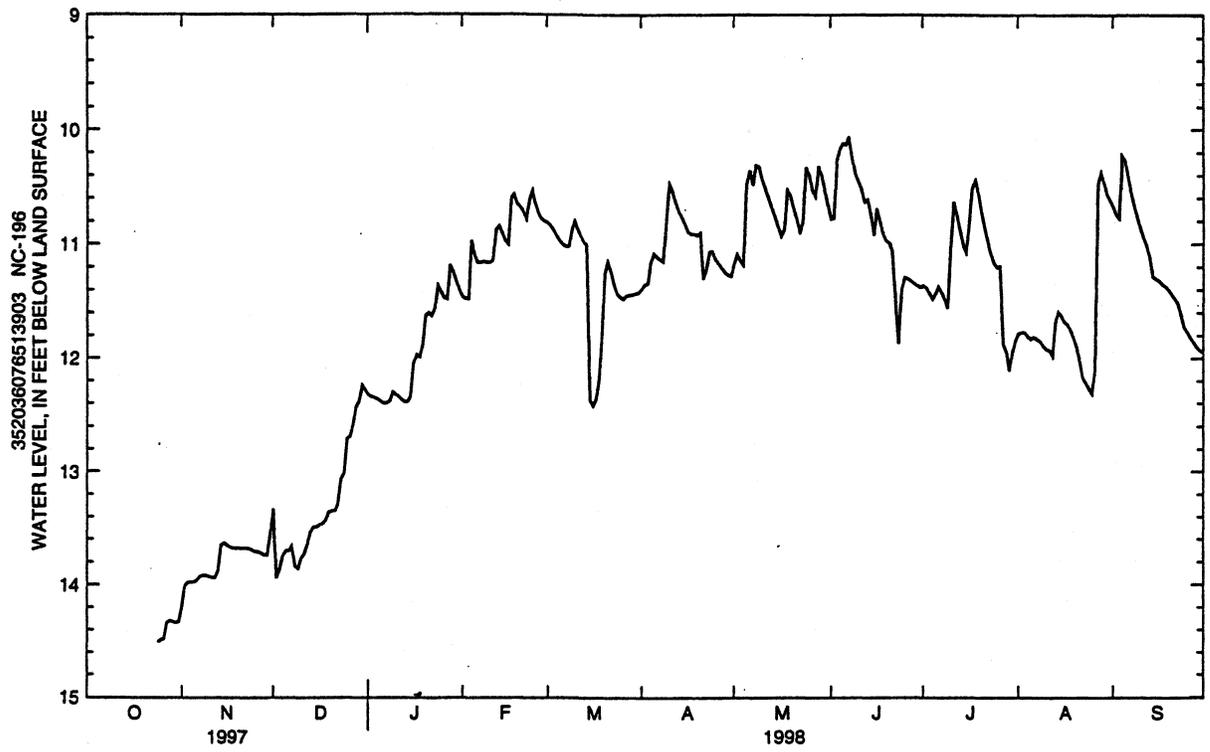
PERIOD OF RECORD.--October 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 10.01 ft below land-surface datum, June 7, 1998; lowest water level recorded 14.51 ft below land-surface datum, Oct. 24, 1997.

## WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

## DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	14.19	13.33	12.32	11.46	10.81	11.39	11.17	10.78	11.36	11.78	10.67
2	---	14.01	13.94	12.34	11.48	10.84	11.35	11.09	10.77	11.38	11.77	10.74
3	---	13.98	13.87	12.35	11.48	10.88	11.34	11.14	10.27	11.43	11.77	10.77
4	---	13.98	13.75	12.36	10.97	10.93	11.16	11.18	10.17	11.48	11.81	10.22
5	---	13.98	13.70	12.38	11.08	10.97	11.08	10.47	10.12	11.43	11.83	10.26
6	---	13.96	13.70	12.40	11.16	11.00	11.11	10.36	10.13	11.37	11.81	10.42
7	---	13.93	13.66	12.40	11.16	11.02	11.13	10.48	10.06	11.42	11.83	10.55
8	---	13.92	13.84	12.38	11.15	11.02	11.15	10.31	10.25	11.49	11.85	10.67
9	---	13.92	13.86	12.30	11.16	10.87	10.80	10.32	10.39	11.56	11.89	10.77
10	---	13.93	13.77	12.32	11.16	10.80	10.47	10.44	10.46	11.01	11.92	10.87
11	---	13.94	13.73	12.34	11.14	10.87	10.53	10.52	10.53	10.63	11.93	10.95
12	---	13.94	13.65	12.37	10.87	10.93	10.63	10.60	10.63	10.73	11.98	11.02
13	---	13.88	13.54	12.39	10.84	10.98	10.71	10.68	10.61	10.88	11.68	11.11
14	---	13.65	13.49	12.39	10.90	11.01	10.76	10.76	10.75	11.01	11.59	11.28
15	---	13.63	13.49	12.34	10.97	12.37	10.82	10.85	10.92	11.07	11.62	11.30
16	---	13.65	13.47	12.05	11.00	12.42	10.89	10.93	10.69	10.82	11.68	11.32
17	---	13.67	13.46	11.97	10.59	12.36	10.91	10.87	10.79	10.50	11.70	11.35
18	---	13.68	13.43	11.99	10.56	12.19	10.91	10.53	10.91	10.44	11.75	11.37
19	---	13.68	13.36	11.88	10.64	11.77	10.92	10.57	10.97	10.55	11.82	11.40
20	---	13.68	13.35	11.63	10.67	11.25	10.90	10.69	10.99	10.72	11.90	11.44
21	---	13.68	13.35	11.60	10.72	11.15	11.30	10.79	11.06	10.86	12.02	11.48
22	---	13.68	13.29	11.63	10.78	11.23	11.22	10.91	11.50	10.98	12.17	11.52
23	---	13.68	13.07	11.57	10.61	11.35	11.07	10.81	11.87	11.08	12.22	11.62
24	14.51	13.69	13.02	11.36	10.53	11.43	11.06	10.33	11.40	11.16	12.27	11.73
25	14.49	13.71	12.71	11.41	10.64	11.46	11.13	10.39	11.29	11.20	12.31	11.77
26	14.48	13.71	12.69	11.47	10.73	11.48	11.17	10.53	11.30	11.19	12.11	11.82
27	14.34	13.72	12.59	11.48	10.78	11.45	11.21	10.58	11.32	11.87	10.46	11.86
28	14.32	13.74	12.43	11.18	10.80	11.44	11.25	10.32	11.34	11.95	10.37	11.90
29	14.33	13.74	12.38	11.24	---	11.44	11.27	10.39	11.36	12.11	10.46	11.93
30	14.34	13.55	12.24	11.32	---	11.43	11.28	10.53	11.38	11.95	10.55	11.95
31	14.33	---	12.28	11.40	---	11.42	---	10.66	---	11.85	10.61	---
WTR YR 1998		MEAN 11.70		HIGH 10.06		LOW 14.51						



### **III. SITING REQUIREMENTS AND SUPPORTING DATA - F**

As stated in Section III B, the base elevation required for the operation of this LCID landfill is 15 feet mean sea level. This elevation will provide the required four feet of separation from the seasonal high water table.

Existing ground elevations at the proposed landfill site range from approximately 12.5 to 16 feet, mean sea level, as shown in drawing sheet one. Before discharging LCID waste into newly cleared areas of the proposed site, the natural ground elevation shall be raised to the base elevation (15 feet, mean sea level) using clean soil fill.

Field measurements recorded during the April 25<sup>th</sup> site visit indicate that the active areas of the less-than-two-acre landfill have base elevations ranging from approximately 15.7 to 16.3 feet, mean sea level.

III. SITING REQUIREMENTS AND SUPPORTING DATA - G

County of Craven

Office of Planning  
and  
Community Development



Donald R. Baumgardner  
Director

August 10, 2001

Mr. Michael Rice  
Roberts Chiles Engineering  
PO Box 3496  
New Bern, NC 28564

Dear Mr. Rice:

Craven County acknowledges a request for a "Letter of Consistency". The property owned by Leslie and Audrey Parson and located within Twp 2, Parcel ID Number 2-039-089 (Deed Book 1544, Page 035) is not zoned. This property is consistent with the county's local subdivision and zoning ordinances.

Respectfully,

**COPY** *Donald R. Baumgardner*

Donald R. Baumgardner  
Planning & CD Director



Printed on Recycled Paper

III. SITING REQUIREMENTS AND SUPPORTING DATA - H



North Carolina Department of Cultural Resources  
State Historic Preservation Office

David L. S. Brook, Administrator

Michael F. Easley, Governor  
Lisbeth C. Evans, Secretary

Division of Archives and History  
Jeffrey J. Crow, Director

August 27, 2001

Michael L. Rice  
Robert M. Chiles, P. E.  
PO Box 3496  
New Bern, NC 28564-3496

Re: Leslie E. Parson Property, 77.8 acres, north of Bridgeton, Craven County, ER 02-7411

Dear Mr. Rice:

Thank you for your letter of August 13, 2001, concerning the above project.

We have conducted a review of the project and are aware of no properties of architectural, historic, or archaeological significance, which would be affected by the project. Therefore, we have no comment on the project as currently proposed.

The above comments are made pursuant to Section 106 of the National Historic Preservation Act and the Advisory Council on Historic Preservation's Regulations for Compliance with Section 106 codified at 36 CFR Part 800.

Thank you for your cooperation and consideration. If you have questions concerning the above comment, contact Renee Gledhill-Earley, Environmental Review Coordinator, at 919/733-4763.

Sincerely,

*Renee Gledhill-Earley* COP™

David Brook  
Deputy State Historic Preservation Officer

DB:kgc

Administration	Location	Mailing Address	Telephone/Fax
Restoration	507 N. Blount St, Raleigh, NC	4617 Mail Service Center, Raleigh 27699-4617	(919) 733-4763 • 733-8653
Survey & Planning	515 N. Blount St, Raleigh, NC	4613 Mail Service Center, Raleigh 27699-4613	(919) 733-6547 • 715-4801
		4618 Mail Service Center, Raleigh 27699-4618	(919) 733-4763 • 715-4801

III. SITING REQUIREMENTS AND SUPPORTING DATA - I

Findings of the NC National Heritage Program, DPR,  
Regarding the Land Clearing and Inert Debris Landfill  
Proposed by Leslie E. Parson

The property of Mr. Leslie E. Parson described in Craven County Register of Deeds Book 1544 at Page 35 **DOES NOT** contain any endangered or threatened species of plants, fish, or wildlife, critical habitat, or land designated as a state park, recreation or scenic area, or state nature and historic preserve. **Therefore**, a Land Clearing and Inert Debris Landfill sited on said property **WILL NOT** contribute to or cause the taking of any endangered or threatened species of plant, fish, or wildlife, result in the destruction or adverse modification of the critical habitat of endangered or threatened species, and will not cause an adverse impact on any state park, recreation or scenic area, or any other lands included in the state nature and historic preserve.

The property of Mr. Leslie E. Parson described in Craven County Register of Deeds Book 1544 at Page 35 **DOES** contain endangered or threatened species of plants, fish, or wildlife, critical habitat, or land designated as a state park, recreation or scenic area, or state nature and historic preserve. **However**, sited as indicated below (see special siting conditions), a Land Clearing and Inert Debris Landfill **WILL NOT** contribute to or cause the taking of any endangered or threatened species of plant, fish, or wildlife, result in the destruction or adverse modification of the critical habitat of endangered or threatened species, and will not cause an adverse impact on any state park, recreation or scenic area, or any other lands included in the state nature and historic preserve.

The property of Mr. Leslie E. Parson described in Craven County Register of Deeds Book 1544 at Page 35 **DOES** contain endangered or threatened species of plants, fish, or wildlife, critical habitat, or land designated as a state park, recreation or scenic area, or state nature and historic preserve, and regardless of siting, a Land Clearing and Inert Debris Landfill on said property **WILL** contribute to or cause the taking of an endangered or threatened species of plant, fish, or wildlife, result in the destruction or adverse modification of the critical habitat of endangered or threatened species, or cause an adverse impact on a state park, recreation or scenic area, or some other land included in the state nature and historic preserve. **(Letter of explanation to follow.)**

**SPECIAL SITING CONDITIONS:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Name: Harry E. LeGrand, Jr.

Title: Zoologist, N.C. Natural Heritage Program

Signature: Harry E. LeGrand, Jr.

Date: August 14, 2001

**COPY**

III. SITING REQUIREMENTS AND SUPPORTING DATA - J

U.S. ARMY CORPS OF ENGINEERS  
Wilmington District

ZONE 18  
N 3893185  
E 314244

Action ID: 200111193 County: CRAVEN

Notification of Jurisdictional Determination

Property owner/Authorized Agent Les Parsons

Address P.O. Box 1065  
Bridgeton, NC 28519

Telephone Number (252) 244-3858

Size and Location of Property (waterbody, Highway name/number, town, etc.)  
8.8 acre project area located on the east side of U.S. Hwy 17  
approximately .8 miles north of USR 1616

Indicate which of the following apply:

- There are ~~wetlands~~ on the above described property which we strongly suggest ~~should be delineated and surveyed~~. The surveyed wetland lines must be verified by our staff before the Corps will make a final jurisdictional determination on your property.
- Because of the size of your property and our present workload, our identification and delineation of your wetlands cannot be accomplished in a timely manner. You may wish to employ a consultant to obtain a more timely delineation of the wetlands. Once your consultant has flagged a wetland line on the property, Corps staff will review it, and if it is accurate, we strongly recommend that you have the line surveyed for final approval by the Corps. The Corps will not make a final jurisdictional determination on your property without an approved survey.
- The wetlands on your lot have been delineated, and the limits of Corps jurisdiction have been explained to you. Unless there is a change in the law or our published regulations, this determination may be relied upon for a period not to exceed three years from the date of this notification.
- There are no wetlands present on the above described property which are subject to the permit requirements of Section 404 of the Clean Water Act (33 USC 1344). Unless there is a change in the law or our published regulations, this determination may be relied upon for a period not to exceed ~~three~~ <sup>five</sup> years from the date of this notification. *See Note Below*
- The project is located in one of the 20 Coastal Counties. You should contact the nearest State Office of Coastal Management to determine their requirements.

*wjb*

Placement of dredged or fill material in wetlands on this property without a Department of the Army permit is in most cases a violation of Section 301 of the Clean Water Act (33 USC 1311). A permit is not required for work on the property restricted entirely to existing high ground. If you have any questions regarding the Corps of Engineers regulatory program, please contact

Bill Biddlecome at (252) 975-1616

Property owner/Authorized Agent Signature \_\_\_\_\_

Project Manager Signature William J. Biddlecome

Date 9/24/01 Expiration Date 9/24/06

**SURVEY PLAT OR FIELD SKETCH OF DESCRIBED PROPERTY AND THE WETLAND DELINEATION FORM MUST BE ATTACHED TO THE YELLOW (FILE) COPY OF THIS FORM.**

*Only a project was determined as no wetlands present as depicted on survey for Leslie E. Parson by Robert M. Chiles P.E. dated 8/31/2001.*



**State of North Carolina**  
 Department of Environment and Natural Resources  
 Washington Regional Office

Michael F. Easley, Governor

William G. Ross, Jr., Secretary

**COPY**

**DIVISION OF LAND RESOURCES**  
**LAND QUALITY SECTION**  
 November 2, 2001

**LETTER OF APPROVAL WITH MODIFICATION**

Mr. Leslie E. and Ms. Audrey A. Parson  
 Post Office Box 1065  
 Bridgeton, North Carolina 28519

RE: Erosion and Sedimentation Control Plan No. Crave-2002-009  
 Parson's LCID Landfill  
 US 17 - Craven County  
 River Basin: Neuse  
 Date Received: October 15, 2001  
 Responsible Party: Leslie E. and Audrey A. Parson

Dear Mr. and Ms. Parson:

This office has completed its review of the erosion and sedimentation control plan for the referenced 8.8 acre disturbance. Based on the information provided, we have determined the submitted plan for the filling of the project area with land clearing and inert debris, if properly implemented and responsibly maintained, should meet the intent and minimum requirements of the Act. We, therefore, issue this LETTER OF APPROVAL the following MODIFICATION.

The slopes must be provided with a ground cover sufficient to restrain erosion if they are to be inactive for at least 15 days.

In 1973, the Sedimentation Pollution Control Act (copy available upon request) was enacted. It established a performance oriented program with the OBJECTIVE of PREVENTING SEDIMENT DAMAGE to adjoining properties and/or natural resources resulting from land disturbing activities through the use of reasonable and appropriate Best Land Management Practices, based on the approved plan and changing site conditions, during the course of the project. **AS THE DECLARED RESPONSIBLE PARTY YOUR RESPONSIBILITY** is to understand the Act and comply with the following minimum requirements of the Act and the above listed modifications (if any):

- *an erosion and sedimentation control plan is only valid for 3 years following the date of initial approval, if no land-disturbing activity has been undertaken;*

- *the LATEST APPROVED soil erosion and sediment control plan will be used during inspection to determine compliance and a copy of the plan must be on file at the job site;*
- *except in the case of a storm related emergency, a revised erosion and sedimentation control plan must be submitted to and approved by this office prior to initiating any significant changes in the construction, grading or drainage plans;*
- *a buffer zone, sufficient to restrain visible sedimentation, must be provided and maintained between the land-disturbing activity and any adjacent property or watercourse;*
- *new or affected cut or filled slopes must be at an angle that can be retained by vegetative cover, AND must be provided with a ground cover sufficient to restrain erosion within the shorter of 15 working or 30 calendar days of completion of any phase (rough or final) of grading (RYE GRASS IS NOT in the APPROVED seeding specifications NOR is it an ACCEPTABLE substitute for the providing of a temporary ground cover);*
- *the CERTIFICATE OF PLAN APPROVAL must be posted at the primary entrance to the job site and remain until the site is permanently stabilized;*
- *unless a temporary, manufactured, lining material has been specified, a clean straw mulch must be applied, at the minimum rate of 2 tons/acre, to all seeded areas. The mulch must cover at least 75% of the seeded area after it is either tacked, with an acceptable tacking material, or crimped in place;*
- *in order to comply with the intent of the Act, the scheduling of the land-disturbing activities is to be such that both the area of exposure and the time between the land disturbance and the providing of a ground cover is minimized;*
- *a permanent ground cover, sufficient restrain erosion, must be provided within the shorter of 15 working or 90 calendar days after completion of construction or development on any portion of the tract (RYE GRASS IS NOT in the APPROVED seeding specifications NOR is it an ACCEPTABLE substitute for the providing of a nurse cover for the permanent grass cover); and,*
- *this approval is based, in part, on the accuracy of the information provided in the Financial Responsibility/Ownership form submitted with the project plans. You are required to file an amended form if there is any change in*

Mr. Leslie E. and Ms. Audrey A. Parson  
November 2, 2001  
Page 3

*the information included on the form. This approval and the financial responsibility/liability cited in it does not automatically transfer with a change in project ownership.*

Be advised that to ensure compliance with the approved plan and the program requirements, unannounced periodic inspections will be made. If it is determined that the implemented plan is inadequate, this office may require the installation of additional measures and/or that the plan be revised to comply with state law. (Note: Revisions to the scope of this project without prior approval of the plan showing the changes can be considered a violation). Failure to comply with any part of the approved plan or with any requirements of this program could result in the taking of appropriate legal action against the financially responsible party (*Leslie E. and Audrey A. Parson*). One option is the assessing of a civil penalty of up to \$5000 for the initial violation plus up to \$5000 per day for each day the site is out of compliance.

In recognizing the desirability of early coordination of sedimentation control, we believe it would be beneficial for you and your contractor to arrange a preconstruction conference to discuss the requirements of the approved erosion and sedimentation control plan. Prior to beginning this project, **YOU ARE REQUIRED TO** either **CONTACT THIS OFFICE TO ADVISE** Mr. Richard Peed (252-946-6481, ext. 274) **OF THE CONSTRUCTION START-UP DATE**, contractor and on-site contact person OR complete and return the attached Project Information Sheet to the above named.

Acceptance and approval of this plan is conditioned upon your compliance with Federal and State water quality laws, regulations and rules. In addition, the land disturbing activity described in this plan may also require approval or permitting from other agencies - Federal, State or local. These could include the U.S. Army Corps of Engineers under Article 4.0.4. jurisdiction, the Division of Water Quality - Surface Water Section under stormwater regulations (contact Mr. Bill Moore, 252-946-6481, ext. 264), county, city or town agencies under other local ordinances, or other approvals that may be required. **This approval does not supersede any other approval or permit.**

Please be advised that a rule to protect and maintain existing buffers along watercourses in the Neuse River Basin became effective on July 22, 1997. The Neuse River Riparian Area Protection and Maintenance Rule (15A NCAC 2B.0233) applies to a 50 (horizontal) foot wide zone along all perennial and intermittent streams, lakes, ponds and estuaries in the Neuse River basin. In riparian areas, the rule prohibits land disturbance, new development and fertilizer use in the first 30 (horizontal) feet directly adjacent to the stream and/or coastal wetland vegetation. Clearing, seeding and a one-time fertilizer use to establish the grass is allowed within the riparian area 20 feet landward of the first 30 feet of riparian area, but new development is prohibited. For more information about the riparian area rule, please contact the Division of Water Quality's Wetland/401 Unit at 919-733-1786.

Please be advised that all land-disturbing activities affecting 5 or more acres are required to have a NPDES permit. Enclosed is the Construction Activities General NPDES Permit -

Mr. Leslie E. and Ms. Audrey A. Parson  
November 2, 2001  
Page 4

NCG010000 for this project. The responsibility for understanding and complying with this permit rests with you. Contact the Division of Water Quality - Surface Water Section at (252) 946-6481 should you have any questions regarding monitoring and record keeping requirements of the permit.

Sincerely,



Patrick H. McClain, PE  
Assistant Regional Engineer

:pm

enclosures

w/o enc. cc: Robert M. Chiles, PE  
Jim Mulligan, Division of Water Quality  
Bobby Nelms, Division of Solid Waste Management

III. SITING REQUIREMENTS AND SUPPORTING DATA - L



Michael F. Easley, Governor

William G. Ross, Jr. Secretary  
Department of Environment and Natural Resources

Gregory J. Thorpe, Ph. D., Acting Director  
Division of Water Quality

---

November 30, 2001

Mr. Leslie E. Parson  
Post Office Box 1065  
Bridgeton, North Carolina 28519

**COPY**

Subject: Permit No. SW7011003  
Parson Land Clearing and Inert Debris Landfill  
General Permit Stormwater  
Craven County

Dear Mr. Parson:

The Washington Regional Office received the completed Stormwater Application for the subject project on October 12, 2001. Staff review of the plans and specifications has determined that the project, as proposed, will comply with the Stormwater Regulations set forth in Title 15A NCAC 2H.1000. We are forwarding Permit No. SW7011003 dated November 30, 2001 to you.

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

If any parts, requirements, or limitations contained in this permit are unacceptable, you have the right to request an adjudicatory hearing upon written request within thirty (30) days following receipt of this permit. This request must be in the form of a written petition, conforming to Chapter 150B of the North Carolina General Statutes, and filed with the office of Administrative Hearings, P.O. Drawer 27447, Raleigh, NC 27611-7447. Unless such demands are made this permit shall be final and binding.

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Mr. Leslie E. Parson  
November 30, 2001

If you have any questions or need additional information concerning this matter, please contact Mr. Robert Tankard at (252) 946-6481, extension 233.

Sincerely,

  
Mr. Jim Mulligan  
Water Quality Supervisor  
Washington Regional Office

cc: ✓ Robert M. Chiles  
Craven County Inspections  
Washington Regional Office  
Central Files

STATE OF NORTH CAROLINA  
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES  
DIVISION OF WATER QUALITY

STATE STORMWATER MANAGEMENT PERMIT

GENERAL PERMIT

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

PERMISSION IS HEREBY GRANTED TO

Leslie E. Parson

Craven County

FOR THE

construction, operation and maintenance of stormwater management systems in compliance with the provisions of 15A NCAC 2H.1000 (hereafter referred to as the "*stormwater rules*") and the approved stormwater management plans and specifications, and other supporting data as attached and on file with and approved by the Division of Water Quality and considered a part of this permit for the Land Clearing and Inert Debris Landfill located on US Hwy. 17 near Bridgeton, NC.

The Permit shall be effective from the date of issuance until rescinded and shall be subject to the following specific conditions and limitations.

**I. DESIGN STANDARDS**

1. 0 acres of new impervious areas are proposed.
2. Approved plans and specifications for projects covered by this permit are incorporated by reference and are enforceable parts of the permit.

3. No stormwater piping in addition to the existing piping shall be allowed except:
  - a. That minimum amount necessary to direct runoff beneath an impervious surface such as a road.
  - b. That minimum amount needed under driveways to provide access to lots.

## **II. SCHEDULE OF COMPLIANCE**

1. Grasslined swales, vegetated buffers and other Best Management Practices used for stormwater runoff control shall be adequately maintained throughout the life of the project.
2. The permittee shall at all times provide adequate erosion control measures in conformance with the approved Erosion Control Plan.
3. The permittee shall submit all information requested by the Director or his representative within the time frame specified in the written information request.

## **III. GENERAL CONDITIONS**

1. Failure to abide by the conditions and limitations contained in this permit may subject the Permittee to an enforcement action by the Division of Water Quality, in accordance with North Carolina General Statutes 143-215.6A to 143.215.6C.
2. The permit may be modified, revoked or terminated for cause. The filing of a request for a permit modification, or termination does not void any permit condition.
3. The issuance of this permit does not prohibit the Director from reopening and modifying laws, rules, and regulations contained in Title 15A of the North Carolina Administrative Code, Subchapter 2H.1000; and North Carolina General Statute 143-215.1 et.al.
4. The following items will require a modification to the permit:
  - a. Any revision to the approved plans, regardless of size
  - b. Project name change
  - c. Transfer of ownership
  - d. Redesign or addition to the approved amount of built-upon area.
  - e. Further subdivision of the project area
  - f. In addition, the Director may determine that other revisions to the project should require a modification to the permit.

5. For any additions or modifications of the previously permitted built-upon area, the permittee shall submit to the Director revised plans and specifications and shall receive approval prior to construction.
6. The Director may notify the permittee when the permitted site does not meet one or more of the minimum requirements of the permit. Within the time frame specified in the notice, the permittee shall submit a written time schedule to the Director for modifying the site to meet minimum requirements. The permittee shall provide copies of revised plans and certification in writing to the Director that the changes have been made.
7. The permit is not transferable to any person except after notice to and approval by the Director. The Director may require modification or revocation and reissuance of the permit to change the name and incorporate such other requirements as may be necessary. A formal permit request must be submitted to the Division of Water Quality accompanied by the appropriate fee, documentation from both parties involved, and other supporting materials as may be appropriate. The approval of this request will be considered on its merits, and may or may not be approved.
8. The issuance of this permit does not preclude the Permittee from complying with any and all statutes, rules, regulations, or ordinances which may be imposed by other government agencies (local, state and federal) which have jurisdiction.

Permit issued this the 30<sup>th</sup> day of November 2001.

**NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION**

  
\_\_\_\_\_  
Gregory J. Thorpe, Ph. D., Acting Director  
Division of Water Quality  
By Authority of the Environmental Management Commission

**Permit Number SW7011003**

#### **IV. OPERATION PLAN - A**

##### **General Operation Information:**

Owner: Leslie E. Parson  
Address: P.O. Box 1065, Bridgeton, N.C. 28519  
Phone Number: (252) 244-3858

##### **Projected Land Use After Completion:**

After the closure of the landfill, the natural propagation of native plant species will be allowed to occur and the site will revert to a natural state.

##### **Systematic Usage of the Site:**

A "noticed" LCID landfill (< 2ac.) is currently being operated within the proposed 8.8± acre site. In order to provide the required separation between waste and the water table, soil from the adjacent sand mining operation was used to raise the existing grade elevation of active areas to at least 15 feet, mean sea level.

The active area of the landfill will be expanded as more space becomes required until the permitted boundary is reached. The existing woodland cover of the proposed site will not be removed until such time as it becomes necessary for the continued operation of the landfill. When and if the landfill extends to the permitted boundary, the waste will then be stacked and covered vertically, potentially achieving the shape depicted in the application drawings.

Owing to the natural reduction of land clearing debris by decomposition, and the ability to reclaim soils improved by that process and originally used as cover by available screening processes, the landfill may never reach the potential length, breadth or height shown in the drawings.

As filled areas covered with soil become inactive, they will be seeded to prevent sedimentation and to promote stability of the cover.

##### **Type , Source and Quantity of Waste to be Accepted:**

This facility will receive land clearing waste, yard trash, and inert debris as defined in 15A NCAC 13B.0101. This includes stumps, trees, tree limbs, brush, grass, other naturally occurring vegetative material, concrete, brick, concrete block, gravel and rock, untreated and unpainted wood, and uncontaminated soil. The primary source of the waste material will be the Owner's hauling and clearing business, in quantities capable of being effectively landfilled on the proposed site.

##### **Emergency Contingency Plan:**

The locale of this facility is served by volunteer fire, rescue, EMS and the County Sheriff's Department all of which can be contacted as needed.

#### **IV. OPERATION PLAN - B**

##### **15A NCAC 13B.0566: Operational Requirements for Land Clearing and Inert Debris (LCID) Landfills.**

1. Operational plans shall be approved and followed as specified for the facility.
2. The facility shall only accept those solid wastes which it is permitted to receive.
3. Solid waste shall be restricted to the smallest area feasible and compacted as densely as practical into cells.
4. Adequate soil cover shall be applied monthly, or when the active area reaches one acre in size, whichever occurs first.
5. 120 calendar days after completion of any phase of disposal operations, or upon revocation of a permit, the disposal area shall be covered with a minimum of one foot of suitable soil cover sloped to allow surface runoff in a controlled manner. The Division may require further action in order to correct any condition which is or may become injurious to the public health, or nuisance to the community.
6. Adequate erosion control measures, structures, or devices shall be utilized to prevent silt from leaving the site and to prevent excessive on site erosion.
7. Provisions for a ground cover sufficient to restrain erosion must be accomplished within 30 working days or 120 calendar days upon completion of any phase of landfill development.
8. The facility shall be adequately secured by means of gates, chains, berms, fences, etc. to prevent unauthorized access except when an operator is on duty. An attendant shall be on duty at all times while the landfill is open for public use to assure compliance with operational requirements and to prevent acceptance of unauthorized wastes.
9. Access roads shall be of all-weather construction and properly maintained.
10. Surface water shall be diverted from the working face and shall not be impounded over waste.
11. Solid waste shall not be disposed of in water.
12. Open burning of solid waste is prohibited.
13. The concentration of explosive gases generated by the facility shall not exceed:
  - a. Twenty-five percent of the lower explosive limit for the gases in facility structures.
  - b. The lower explosive limit for the gases at the property boundary.
14. Leachate shall be properly managed on site through the use of current best management practices.
15. Should the Division deem it necessary, ground water or surface water monitoring, or both, may be required as provided for under Rules 15A NCAC 13B.0601 and .0602.
16. A sign shall be posted at facility entrance showing contact name and number in case of emergency, and the permit number.

**V. DRAWINGS OF PROPOSED 8.8± ACRE LCID LANDFILL**

- A. Sheet 1, Proposed Boundary and Existing Conditions.
- B. Sheet 2, Proposed 3H:1V Topographic Contours.
- C. Sheet 3, Section and Isometric Views.
- D. Sheet 4, Area Within ¼th Mile of LCID.

#### **IV. OPERATION PLAN - C**

Based upon past operating quantities, an estimated 3,000 truckloads of material per year is expected at the proposed LCID.

With a maximum capacity of 15 cubic yards, the average truck load is estimated to contain 12 cubic yards for calculation purposes.

Each 5-year Phase of construction/use is thereby expected to result in approximately 180,000 cubic yards of material landfilled at this site. Using this quantity the first phase can be expected to raise the total site 16 feet to elevation 32 feet, mean sea level. The second phase can be expected to raise the site from 32 feet to approx 85 feet, mean sea level, and exhaust the usefulness of the site.

This projected 10 year life-span of the LCID landfill **does not** take into account the owner's ability to reduce the volume of incoming material via screening or chipping operations.

The horizontal phase boundary is indicated on Sheet 1 of the attached drawings, and the vertical phases are indicated by hatched areas within the cross-sections depicted on Sheet 3.

Handwritten marks in the top right corner, possibly initials or a signature.

- .0556 RESERVED FOR FUTURE CODIFICATION**
- .0557 RESERVED FOR FUTURE CODIFICATION**
- .0558 RESERVED FOR FUTURE CODIFICATION**
- .0559 RESERVED FOR FUTURE CODIFICATION**

**.0560 LAND CLEARING AND INERT DEBRIS (LCID) LANDFILLS**

Rules .0560 - .0566 of Title 15A Subchapter 13B of the North Carolina Administrative Code (T15A.13B .0560 - .0566); have been adopted covering the siting, design, and permitting of land clearing and inert debris landfills, effective January 4, 1993.

*History Note: Statutory Authority G.S. 130A-294;  
Eff. January 4, 1993.*

**.0561 RESERVED FOR FUTURE CODIFICATION**

**.0562 BENEFICIAL FILL**

A permit is not required for beneficial fill activity that meets all of the following conditions:

- N/A
- (1) The fill material consists only of inert debris strictly limited to concrete, brick, concrete block, uncontaminated soil, rock, and gravel.
  - (2) The fill activity involves no excavation.
  - (3) The purpose of the fill activity is to improve land use potential or other approved beneficial reuses.
  - (4) The fill activity is not exempt from, and must comply with, all other applicable Federal, State, and Local laws, ordinances, rules, and regulations, including but not limited to zoning restrictions, flood plain restrictions, wetland restrictions, mining regulations, sedimentation and erosion control regulations. Fill activity shall not contravene groundwater standards.

*History Note: Statutory Authority G.S. 130A-294;  
Eff. January 4, 1993.*

**.0563 APPLICABILITY REQ. FOR LAND CLEARING/INERT DEBRIS (LCID) LANDFILLS**

Management of land clearing and inert debris shall be in accordance with the State hierarchy for managing solid waste as provided for under G.S. 130A-309.04(a). Disposal in a landfill is considered to be the least desirable method of managing land clearing and inert debris. Where landfilling is necessary, the requirements of this Rule apply.

- N/A
- (1) An individual permit from the Division of Solid Waste Management is not required for Land Clearing and Inert Debris (LCID) landfills that meet all of the following conditions:
    - (a) The facility is to be operated for the disposal of land clearing waste, inert debris, untreated wood, and yard trash. Operations must be consistent and in compliance with the local government solid waste management plan as approved by the Division of Solid Waste Management.
    - (b) The total disposal area is under two acres in size.
    - (c) The facility and practices comply with the siting criteria under Rule .0564, and operational requirements under Rule .0566.
    - (d) The fill activity is not exempt from, and must comply with all other Federal, State, or Local laws, ordinances, Rules, regulations, or orders, including but not limited to zoning restrictions, flood plain restrictions, wetland restrictions, sedimentation and erosion control requirements, and mining regulations.
  - (2) Where an individual permit is not required, the following applies:
    - (a) The owner of the land where the landfill is located must notify the Division on a prescribed form, duly signed, notarized, and recorded as per Sub-item (2)(b) of this Rule. The operator of the landfill, if different from the land owner, shall also sign the notification form.
    - (b) The owner must file the prescribed notification form for recordation in the Register of Deeds' Office. The Register of Deeds shall index the notification in the grantor index under the name of the owner of the land in the county or counties in which the land is located. A copy of the recorded notification, affixed with the Register's seal and the date, book and page number of recording shall be sent to the Division of Solid Waste Management.
    - (c) When the land on which the Land Clearing and Inert Debris Landfill is sold, leased, conveyed, or

transferred in any manner, 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 Land Clearing and Inert Debris Landfill and a reference by book and page to the recordation of the notification.

✓(5)

An individual permit is required, except for landfills subject to Item (5) of this Rule, for the construction and operation of a Land Clearing and Inert Debris (LCID) landfill when:

- (a) The facility is to be operated for the disposal of land clearing waste, inert debris, untreated wood, and yard trash. Operations must be consistent and in compliance with the local government solid waste management plan as approved by the Division of Solid Waste Management, and
- (b) The total disposal area is greater than two acres in size.

✓(4)

Individual permits for land clearing and inert debris landfills shall be issued for not more than five years.

MA

✓(5)

Landfilling of land clearing and inert debris generated solely from, and within the right of way of, North Carolina Department of Transportation projects shall be subject to the following:

- (a) Only waste types as described in Sub-item (1)(a) of this Rule may be disposed of within the Department of Transportation right of way.
- (b) Waste is landfilled within the project right of way from which it was generated.
- (c) The disposal area shall not exceed two contiguous acres in size.
- (d) Disposal sites shall comply with the siting requirements of Rule .0564 of this Section except for Item (10).
- (e) Disposal sites are not subject to the requirements of Item (2) of this Rule and Rule .0204 of this Subchapter.

N/A

✓(6)

Landfills that are currently permitted as demolition landfills are required to comply with the following:

- (a) Only waste types as described in Sub-item (3)(a) of this Rule may be accepted for disposal, as of the effective date of this Rule unless otherwise specified in the existing permit.
- (b) Operations must be in compliance with Rule .0566 of this Section as of the effective date of this Rule.
- (c) Existing demolition landfills must comply with the siting criteria requirements of these Rules as of January 1, 1998 or cease operations and close in accordance with these Rules.

History Note: Statutory Authority G.S. 130A-294; 130A-301; Eff. January 4, 1993.

.0564 SITING CRITERIA FOR LAND CLEARING AND INERT DEBRIS (LCID) LANDFILLS

The following siting criteria shall apply for Land Clearing and Inert Debris (LCID) landfills:

- ✓(1)
- ✓(2)
- ✓(3)
- ✓(4)
- ✓(5)
- ✓(6)
- ✓(7)
- ✓(8)
- ✓(a)
- ✓(b)
- ✓(c)
- ✓(d)

Facilities or practices, shall not be located in the 100-year floodplain. FIRM MAP CRAVEN 245 OF 530

Facilities or practices shall not cause or contribute to the taking of any endangered or threatened species of plants, fish, or wildlife. LTR. DATED 9/14/2001 FROM HARRY E. CIGRANO JR.

Facilities or practices shall not result in the destruction or adverse modification of the critical habitat of endangered or threatened species as identified in 50 CFR Part 17 which is hereby incorporated by reference including any subsequent amendments and editions. This material is available for inspection at the Department of Environment, Health, and Natural Resources, Division of Solid Waste Management, 401 Oberlin Road, Raleigh, North Carolina 27605 where copies can be obtained at no cost. LTR. DATED 9/14/2001

Facilities or practices shall not damage or destroy an archaeological or historical site. LTR. DATED 8/27/01

Facilities or practices shall not cause an adverse impact on a state park, recreation or scenic area, or any other lands included in the state nature and historic preserve. LTR. DATED 9/14/2001

Facilities shall not be located in any wetland as defined in the Clean Water Act, Section 404(b). CORP LTR. DATE 9/24/01

It must be shown that adequate suitable soils are available for cover, either from on or off site.

Land Clearing and Inert Debris landfills shall meet the following surface and ground water requirements: Facilities or practices shall not cause a discharge of pollutants into waters of the state that is in violation of the requirements of the National Pollutant Discharge Elimination System (NPDES), under Section 402 of the Clean Water Act, as amended.

Facilities or practices shall not cause a discharge of dredged materials or fill material into waters of the state that is in violation of the requirements under Section 404 of the Clean Water Act, as amended.

Facilities or practices shall not cause non-point source pollution of waters of the state that violates assigned water quality standards.

Waste in landfills with a disposal area greater than two acres shall be placed a minimum of four feet above the seasonal high water table, except where an alternative separation is approved by the Division.

ADJACENT NINE ON-SITE. SEE CO LTR. DATED 11/2/01 AWC DWA PERMIT SW 7011003

- ~~N/A~~ (e) Waste in landfills with a disposal area less than two acres shall be placed above the seasonal high water table.
- (9) The facility shall meet the following minimum buffer requirements:
- (a) 50 feet from the waste boundary to all surface waters of the state as defined in G.S. 143-212. 100' FROM RIVER
- (b) 100 feet from the disposal area to property lines, residential dwellings, commercial or public buildings, and wells.
- ~~(c)~~ Buffer requirements may be adjusted as necessary to insure adequate protection of public health and the environment.
- (10) The facility shall meet all requirements of any applicable zoning ordinance. LTR. DATED. 8/10/2001

History Note: Statutory Authority G.S. 130A-294;  
Eff. January 4, 1993.

**.0565 APPLICATION REQ. FOR LAND CLEARING/INERT DEBRIS (LCID) LANDFILLS**

Five sets of plans, maps, and reports shall be required with each application. The seal of a professional engineer is required when submitting plans for a Land Clearing and Inert Debris (LCID) landfill.

- (1) The following information is required in order to review and approve the siting of a Land Clearing and Inert Debris (LCID) landfill:
- (a) An approval letter from the unit of local government having zoning authority over the area where the facility is to be located stating that the site meets all of the requirements of the local zoning ordinance, or that the site is not zoned. LTR. DATED 8/10/2001
- (b) Location on a county road map.
- (c) Information showing that the bottom elevation of the waste shall be four feet above the seasonal high water table. Seasonal high water table elevations shall be obtained from on site test borings, test pits, or from other geological or water table investigations, studies, or reports from the immediate area of the proposed facility.
- (d) A written report indicating that the facility shall comply with all the requirements set forth under Rule .0564 of this Section.
- (e) A copy of the deed or other legal description of the site that would be sufficient as a description in an instrument of conveyance, showing property owner's name.
- ~~(f)~~ Any other information pertinent to the suitability of the proposed facility.
- (2) The following shall be provided on a map or aerial photograph with a scale of at least one inch equals four hundred feet showing the area within one-fourth mile of the site:
- (a) Entire property or portion thereof owned or leased by the person providing the disposal site.
- (b) Location of all homes, buildings, public or private utilities, roads, wells, watercourses, water or other impoundments, and any other applicable features or details.
- (c) 100-year flood plain boundaries, if any.
- (d) Wetland boundaries, if any.
- (e) Historical or archaeological sites, if any.
- (f) Park, scenic, or recreation area boundaries, if any.
- (3) Development and design plans and details, at a scale of at least one inch equals one hundred feet with one inch equals forty feet preferred, and specifications containing the following information shall be submitted with the application for a proposed Land Clearing and Inert Debris (LCID) landfill:
- (a) Property or site boundary, fully dimensioned with bearings and distances, tied to North Carolina grid coordinates where reasonably feasible.
- (b) Easements and right-of-ways.
- (c) Existing pertinent on site and adjacent structures such as houses, buildings, wells, roads and bridges, water and sewer utilities, septic fields, and storm drainage features.
- (d) Proposed and existing roads, points of ingress and egress along with access control such as gates, fences, or berms.
- (e) Buffer and set back lines along with the buffered boundary or feature.
- (f) Springs, streams, creeks, rivers, ponds, and other waters and impoundments.
- (g) Wetlands, if any.
- (h) Boundary of the proposed waste area.
- (i) Existing topography with contours at a minimum of five foot intervals. Where necessary, a smaller interval shall be utilized to clarify existing topographic conditions.

- (j) Proposed excavation, grading, and final contours at a minimum of five foot intervals. Where necessary, a smaller interval shall be utilized to clarify proposed grading. Excavation, grading, and fill material side slopes shall not exceed three to one (3:1).
- (k) Where on site borrow for operational and final cover is proposed, indicate the borrow excavation and grading plan with contours at a minimum of five foot intervals. Where necessary, a smaller interval shall be utilized to clarify proposed grading.
- (l) Proposed surface water control features and devices such as slope drains, storm water pipes, inlets, culverts, and channels.
- (m) Information showing that the project meets the requirements of 15A NCAC 4, Sedimentation Control Rules.
- (n) Location of test borings or test pits, if used to determine the seasonal high water table elevation, shall be shown on the plans.
- (o) A minimum of two cross-sections, one each along each major axis, per operational area showing:
  - (i) Original elevations.
  - (ii) Proposed excavation.
  - (iii) Proposed final elevations.
- (4) An operational plan addressing the requirements under Rule .0566 of this Section and containing the following information shall be submitted with the application for a proposed Land Clearing and Inert Debris (LCID) landfill:
  - (a) Name, address, and phone number of individual responsible for operation and maintenance of the facility.
  - (b) Projected use of the land after completion.
  - (c) Description of systematic usage of disposal area, operation, orderly development and closure of the landfill.
  - (d) Type, source, and quantity of waste to be accepted.
  - (e) An emergency contingency plan, including fire fighting procedures.

*History Note: Statutory Authority G.S. 130A-294;  
Eff. January 4, 1993.*

#### **.0566 OPERATIONAL REQ. FOR LAND CLEARING/INERT DEBRIS (LCID) LANDFILLS**

Land Clearing and Inert Debris (LCID) landfills shall meet the following operational requirements:

- (1) Operational plans shall be approved and followed as specified for the facility.
- (2) The facility shall only accept those solid wastes which it is permitted to receive.
- (3) Solid waste shall be restricted to the smallest area feasible and compacted as densely as practical into cells.
- (4) Adequate soil cover shall be applied monthly, or when the active area reaches one acre in size, whichever occurs first.
- (5) 120 calendar days after completion of any phase of disposal operations, or upon revocation of a permit, the disposal area shall be covered with a minimum of one foot of suitable soil cover sloped to allow surface water runoff in a controlled manner. The Division may require further action in order to correct any condition which is or may become injurious to the public health, or a nuisance to the community.
- (6) Adequate erosion control measures, structures, or devices shall be utilized to prevent silt from leaving the site and to prevent excessive on site erosion.
- (7) Provisions for a ground cover sufficient to restrain erosion must be accomplished within 30 working days or 120 calendar days upon completion of any phase of landfill development.
- (8) The facility shall be adequately secured by means of gates, chains, berms, fences, etc. to prevent unauthorized access except when an operator is on duty. An attendant shall be on duty at all times while the landfill is open for public use to assure compliance with operational requirements and to prevent acceptance of unauthorized wastes.
- (9) Access roads shall be of all-weather construction and properly maintained.
- (10) Surface water shall be diverted from the working face and shall not be impounded over waste.
- (11) Solid waste shall not be disposed of in water.
- (12) Open burning of solid waste is prohibited.
- (13) The concentration of explosive gases generated by the facility shall not exceed:
  - (a) Twenty-five percent of the lower explosive limit for the gases in facility structures.

- (b) The lower explosive limit for the gases at the property boundary.
- (14) Leachate shall be properly managed on site through the use of current best management practices.
- (15) Should the Division deem it necessary, ground water or surface water monitoring, or both, may be required as provided for under Rules .0601 and .0602 of this Subchapter.
- (16) A sign shall be posted at the facility entrance showing the contact name and number in case of an emergency and the permit number. The permit number requirement is not applicable for facilities not requiring an individual permit.

*History Note: Statutory Authority G.S. 130A-294;  
Eff. January 4, 1993.*

5/8/02 3:05pm.

Spoke w/MIKE RICE.

① 5yr. PHASING on SHEETS 1 of 4 & 3 of 4

② SECTION III (ADD PART C FOR VOLUME ESTIMATES)