

EVERETT'S LAND CLEARING AND INERT DEBRIS PIT  
INSTITUTE TOWNSHIP, LENOIR COUNTY

LCID NARRATIVE



For:

EVERETT'S CLEARING AND GRADING, INC.

2402 Fred Everett Rd  
Kinston, NC 28504  
(252) 522-5260

Prepared by:

J. Branch Smith, PE  
Consulting Engineer

P.O. Box 15044 | Wilmington, NC 28408

(910) 264-1071

[jbranchs@gmail.com](mailto:jbranchs@gmail.com)

March 2016

Fac/Perm/Co ID #	Date	Doc ID#
P1303	04/04/16	DIN



*James Branch Smith*  
3-28-16

# **EVERETT'S LCID**

## **Table of Contents**

### **LCID NARRATIVE**

- I. SITE DESCRIPTION**
- II. POINT OF CONTACTS**
- III. SHWT REPORT EVALUATION**

### **ATTACHMENT 1 – SUPPORTING INFORMATION**

- USGS TOPOGRAPHIC MAP**
- PROPERTY DEED**
- FEMA FIRM PANEL AND MAPS**
- TERRACON SHWT REPORT**

## I. Site Description

This Land Clearing and Inert Debris Facility has been operational for about a year and a half. The previous surface mining permit was attempted to be renewed in 2009 although it may have been closed instead of renewed due to the change of use to a LCID. However, an LCID was not permitted, although documents prepared for a submittal (I don't have records of a submittal). After inspections by Land Quality staff, it was determined the LCID application should be submitted in order to comply with Solid Waste Rules. Therefore, this is the submitted information in order to comply with 15A NCAC 13B.0565 for LCID landfills.

The proposed pit is about 13 acres located off Aldridge Store Rd (SR 1515) in the Institute Township of Lenoir County as referenced by Deed Book 987, Page 1 and Map Book 19, Page 15 (Parcel Record 4596). The site is georeferenced at Latitude: 35°20'6.35"N and Longitude: 77°43'40.29"W. This LCID has been accepting and will continue to operate with the approved disposal materials of land clearing waste (stumps, green limbs, leaves, grass, soil, yard waste, etc.). The estimated cubic yards of waste at this facility will be 3,000 cubic yards per year.

The site's topography slopes from top of pit elevations from 102 to 95 ft MSL (NAVD 88). The pit bottom elevations range from 75 to 81 ft MSL (NAVD 88). Side slopes range from 4:1 to 2:1 in places. The top of the pit is largely vegetated with the exception of the haul road. The bottom and side slopes of the pit are stabilized with vegetation and trees as well.

The site lies in the Falling Creek (C;Sw, NSW) watershed of the Neuse River Basin. However, from the top of pit, the drainage runs into the pit and not offsite. Therefore, most of the tract will not send runoff offsite.

## II. LCID Point of Contacts

There will be no one stationed at the facility on a day-to-day basis. Lynn Everett coordinates and opens the facility if it is to be used. It's used 2-3x a week at most on a typical work week. There may be certain projects which require a higher frequency use throughout the year as typical in construction. See below for point of contacts and resources for this facility. The permit fees and notices should be addressed to Lynn or Mary Ann Everett.

Lynn Everett, VP and Landowner @ (252) 522-5260 [Lynn@ecandg.com](mailto:Lynn@ecandg.com)

Mary Ann Everett, President and Controller @ (252) 522-5260 [Maryann@ecandg.com](mailto:Maryann@ecandg.com)

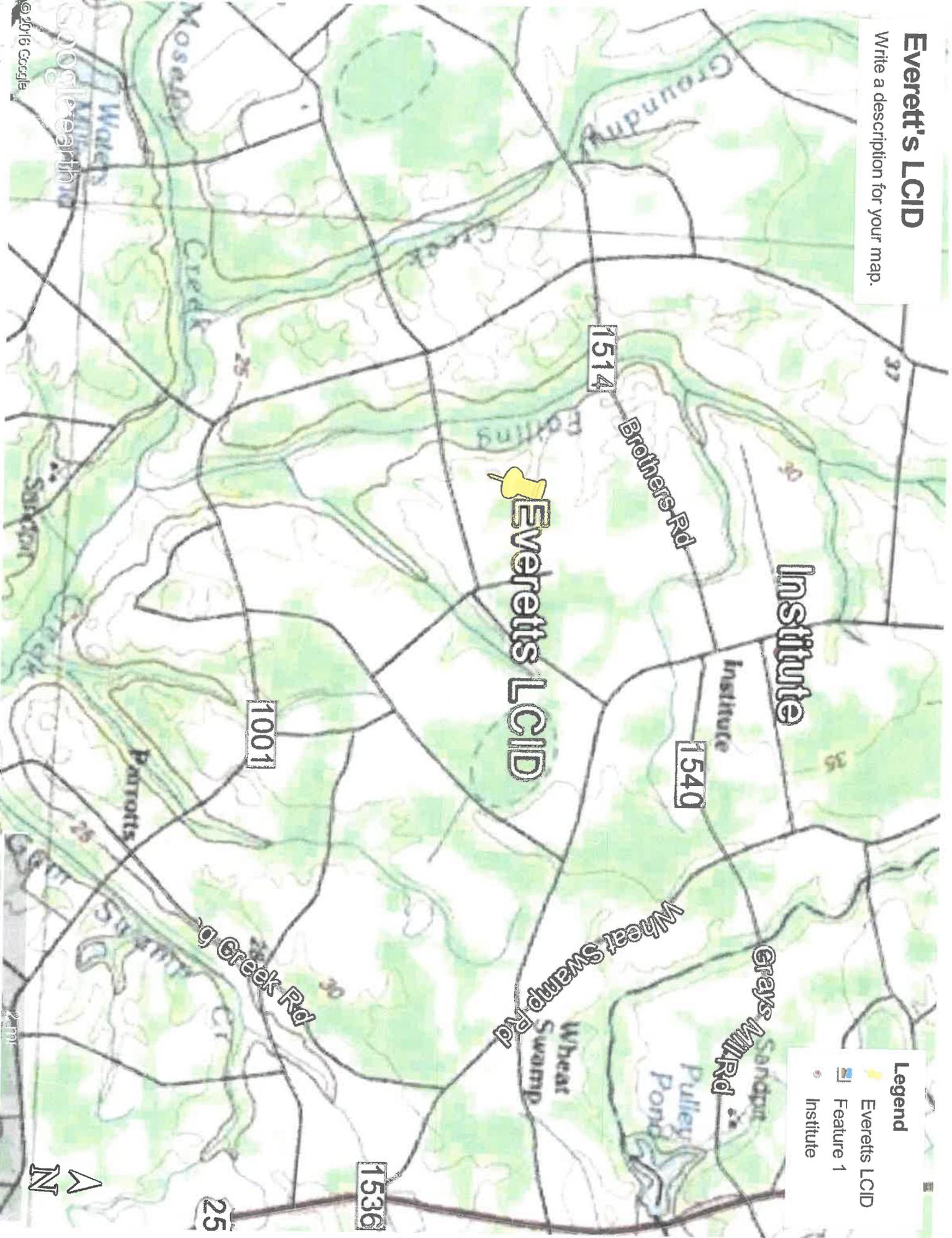
Anthony Whaley, Project Manager @ (252) 522-5260 [Anthony@ecandg.com](mailto:Anthony@ecandg.com)

### **III. SHWT Report Evaluation**

In 2011, Terracon and Fred Smith performed geotechnical borings and seasonal high water table determinations based on soil profiles. The tests, conducted outside of the excavation areas due to ponding of water, indicate these soil profiles were the pre-excavation soil indicators for high groundwater levels. Given the ponding of water within the excavation pits represent the current levels of groundwater and fluctuations of the groundwater are much more dependent on rainfall than hydrogeology. Therefore, using the Terracon report and borings would mean the bottom of the pit would have to be filled-in by 10-ft in most areas, but if the current water levels are used, the bottom of the pit would have to be filled-in by 4-5-ft in most areas. Current water levels would indicate the base conditions and seasonal high levels would be irrelevant based on the rainfall as described herein.

# Everett's LCID

Write a description for your map.



## Legend

- Everett's LCID
- Feature 1
- Institute







IT IS EXPRESSLY STIPULATED AND AGREED AS A MATERIAL PART OF THE CONSIDERATION FOR THIS CONVEYANCE that the above described tract of land is conveyed expressly subject to the lien of that Deed of Trust to William A. Allen, Jr., Trustee for The Federal Land Bank of Columbia, which is recorded in Book 706, Page 693, Lenoir County Registry, and that the said Grantee herein does expressly assume payment as and when due of any and all indebtedness secured thereby and, for himself and his heirs and assigns, and by his acceptance of this conveyance, warrants and agrees to indemnify and hold harmless the said Grantor(s), their heirs and assigns, from any and all losses or damages whatsoever on account thereof.

The interest conveyed hereby is an undivided one-half (1/2) interest in and to the above described tract of land, which interest was devised to the said Charles C. Sutton, III, by "Section B, ITEM IX," of the "Last Will and Testament of Charles C. Sutton, Jr.," which has been duly probated and appears of record in the Office of the Clerk of Superior Court of Lenoir County, North Carolina.

The property hereinabove described was acquired by Grantor by instrument recorded in Deed Book 700, Page 311, Lenoir County Registry

A map showing the above described property is recorded in MAP Book 19 page 35 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.

The Grantor makes no warranty, express or implied, as to title to the property hereinabove described.

IN WITNESS WHEREOF, the Grantor has hereunto set his hand and seal, 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.

By: CHARLES C. SUTTON, III (SEAL) LYCRECIA S. SUTTON (SEAL) President Secretary (Corporate Seal)

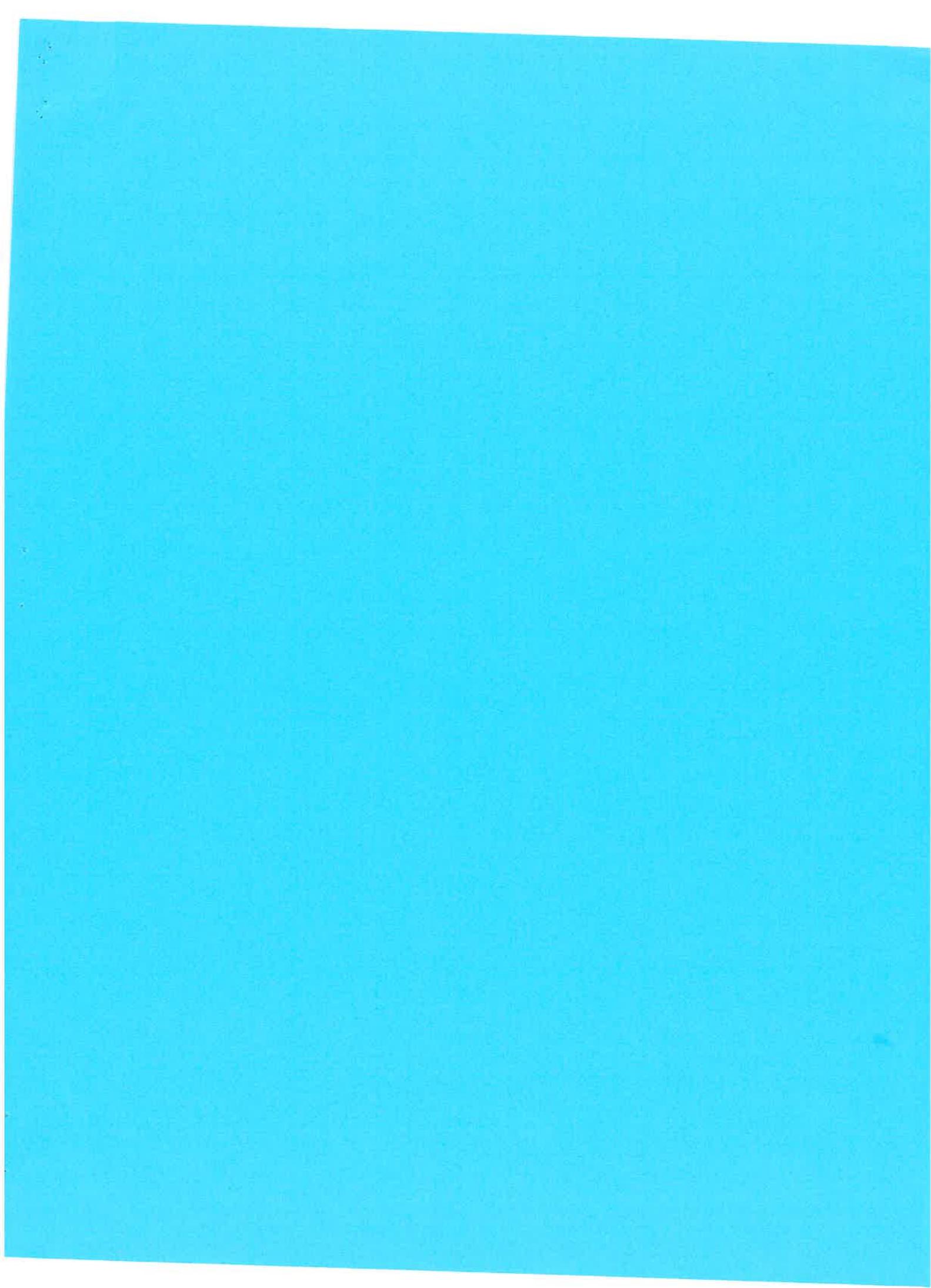
USE BLACK INK ONLY NORTH CAROLINA, Lenoir County. I, a Notary Public of the County and State aforesaid, certify that CHARLES C. SUTTON, III and wife, LYCRECIA S. SUTTON Grantor, personally appeared before me this 29th day of June, 1995, and acknowledged the execution of the foregoing instrument. Witness my hand and official stamp or seal, this 29th day of June, 1995. My commission expires: 9/27/95. Jessica Turner Clouse Notary Public



SEAL - STAMP NORTH CAROLINA, County. I, a Notary Public of the County and State aforesaid, certify that personally came before me this day and acknowledged that he is Secretary of a North Carolina corporation, and that by authority duly given and as the act of the corporation, the foregoing instrument was signed in its name by its President, sealed with its corporate seal and attested by as its Secretary. Witness my hand and official stamp or seal, this day of 19. My commission expires: Notary Public

The foregoing Certificate(s) of Jessica Turner Clouse, N.P. Duplin County

is/are certified to be correct. This instrument and this certificate are duly registered at the date and time and in the Book and Page shown on the first page hereof. By: Margaret Robinson Deputy Register of Deeds. REGISTER OF DEEDS FOR Lenoir COUNTY





# Everett's LCID

3/7/2016

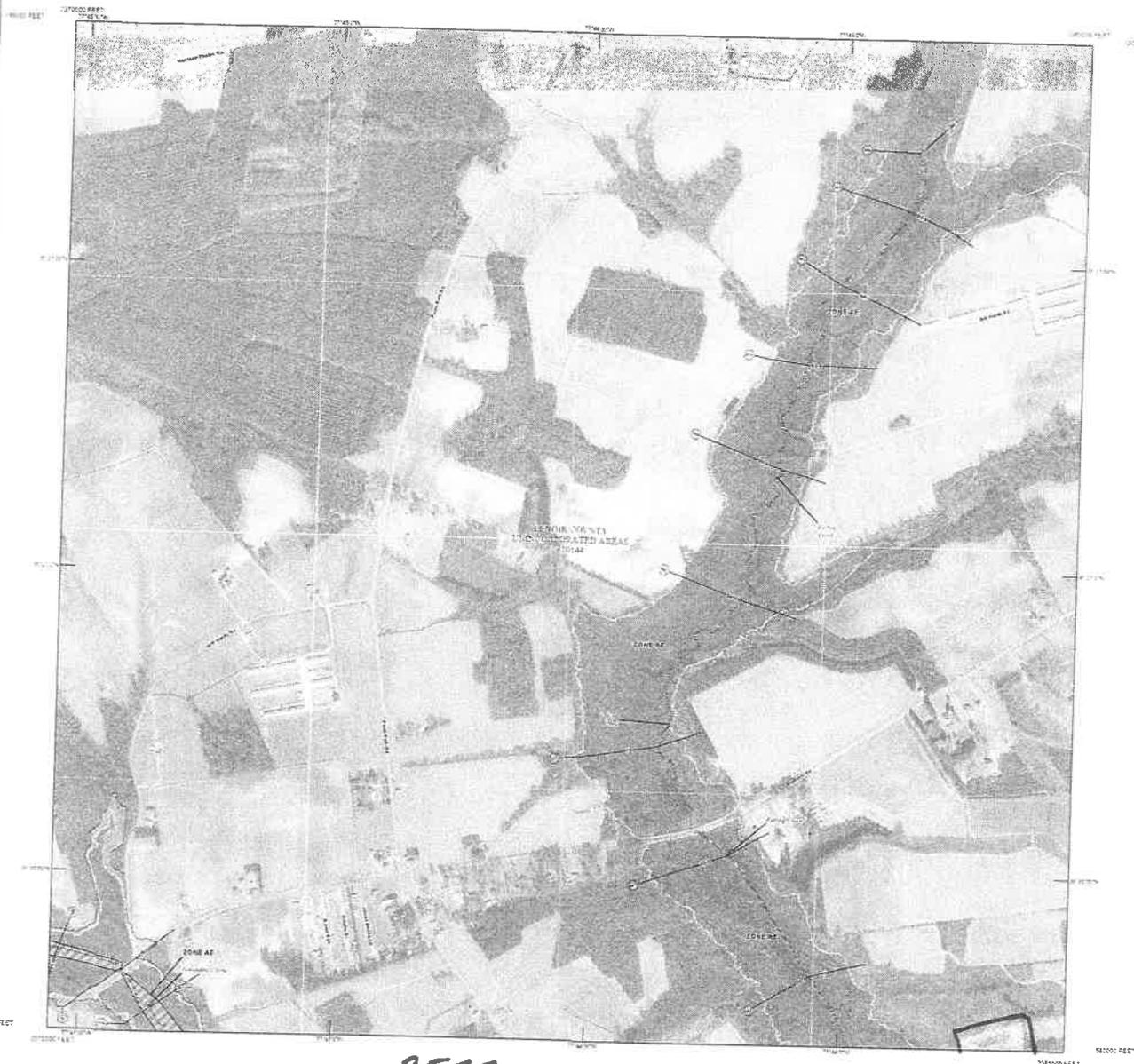


### Legend

- Panels
- Political Areas
- Stream Centerline
- Cross Sections
- Levee
- Flood Hazard Areas
- AE
- Floodway (AE)
- 0.2 % Chance Annual Flood Hazard
- Future Conditions 1% Annual Chance Flood Hazard



North Carolina  
Floodplain Mapping Program



3577

This digital flood hazard map (DFHM) was produced using a variety of data sources including the National Flood Insurance Program (NFIP) Flood Insurance Study (FIS) data, the National Flood Inventory (NFI) data, and other available data. The State of North Carolina has contracted with the Federal Emergency Management Agency (FEMA) to produce this DFHM. The DFHM is a digital representation of the flood hazard information shown on the FIS maps. It is not intended to be used as a substitute for the FIS maps. For more information, please contact the FEMA Region 4 office in Raleigh, North Carolina.

**FLOOD HAZARD INFORMATION**

SEE FIS REPORT FOR DETAILED DESCRIPTIONS AND INDEX MAP THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT [HTTP://FRIS.NC.GOV/FRIS](http://FRIS.NC.GOV/FRIS)

- SPECIAL FLOOD HAZARD AREAS**
  - Without Base Flood Elevation (BFE) Zone A, Z, AP
  - W/0 BFE or Depth Zone A, A1, A2, A3, A99
  - Regulatory Floodway
  - 0.2% Annual Chance Flood Hazard, Areas of 1% Annual Chance Flood with Average Depths Less Than One Foot or With Drainage Areas of Less Than One Square Mile
  - Future Conditions 1% Annual Chance Flood Hazard
  - Area with Reduced Flood Risk due to Levee
- OTHER AREAS OF FLOOD HAZARD**
  - 0.2% Annual Chance Flood Hazard, Areas of 1% Annual Chance Flood with Average Depths Less Than One Foot or With Drainage Areas of Less Than One Square Mile
  - Future Conditions 1% Annual Chance Flood Hazard
  - Area with Reduced Flood Risk due to Levee
- OTHER AREAS**
  - Areas Determined to be Outside the Regulatory Floodway
  - Channel, Culvert, or Storm Sewer
  - Accredited or Provisionally Accredited Levee, Dike, or Floodwall
  - Non-accredited Levee, Dike, or Floodwall
  - North Carolina Geodetic Survey bench mark
  - National Geodetic Survey bench mark
  - Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
  - Coastal Transect
  - Coastal Transect Baseline
  - Profile Basefeet
  - Hydrographic Feature
  - Limit of Study
  - Jurisdiction Boundary
- GENERAL STRUCTURES**
- OTHER FEATURES**

**NOTES TO USERS**

For information not included on this map, see the Flood Hazard Information Report (FHIR) for this FIS. The FHIR is available on the FEMA website at [www.fema.gov](http://www.fema.gov). For more information, please contact the FEMA Region 4 office in Raleigh, North Carolina.

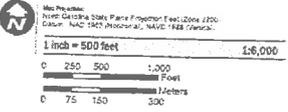
Users are advised that this map is not intended to be used as a substitute for the FIS maps. It is not intended to be used as a substitute for the FIS maps. For more information, please contact the FEMA Region 4 office in Raleigh, North Carolina.

**ACCEPTED FUTURE NOTES TO USERS:** If an authorized user is not shown on this map, such user may be a contractor, engineer, architect, or other professional who has been authorized by the State of North Carolina to provide flood hazard information. The user should contact the State of North Carolina for more information.

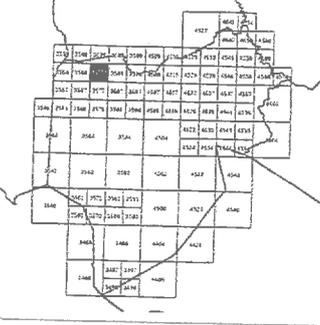
**PROVISIONALLY ACCREDITED LEVEES:** PROVISIONALLY ACCREDITED LEVEES are shown on this map. They are shown as a dashed line with a wavy pattern. They are shown as a dashed line with a wavy pattern. They are shown as a dashed line with a wavy pattern.

**COASTAL BARRIERS RESOURCES SYSTEM (CBRS) NOTES:** The CBRS is a system of coastal barriers that are designed to protect coastal areas from flooding. The CBRS is a system of coastal barriers that are designed to protect coastal areas from flooding. The CBRS is a system of coastal barriers that are designed to protect coastal areas from flooding.

**SCALE**



**PANEL LOCATOR**



**FEMA**

**National Flood Insurance Program**

**NORTH CAROLINA FLOODPLAIN MAPPING PROGRAM**

**NATIONAL FLOOD INSURANCE PROGRAM**

**FLOODING PANEL MAP NO. 3577**

**NORTH CAROLINA**

Panel 3578

COMMUNITY: LENOIR COUNTY

CD PANEL NUMBER: 3578

MAP NUMBER: 3720357800J

MAP REVISED: 04/16/13

3578

3578

\* LCID SITE



This digital flood hazard map was prepared by the Federal Emergency Management Agency (FEMA) in cooperation with the State of North Carolina and the Lenoir County Emergency Management Agency (LENOIR-EMA). The State of North Carolina has provided a long-term commitment to flood hazard mapping to protect the lives and property of its citizens. This map is a product of that commitment. Lenoir County has provided a long-term commitment to flood hazard mapping to protect the lives and property of its citizens. This map is a product of that commitment. FEMA will continue to work with the State of North Carolina and the Lenoir County Emergency Management Agency to improve this map and to provide the most current and accurate flood hazard information available.

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  - Without Base Flood Elevation (BFE) Zone A1, A99, A10, A11, A12, A13, A14, A15, A16, A17, A18, A19, A20, A21, A22, A23, A24, A25, A26, A27, A28, A29, A30, A31, A32, A33, A34, A35, A36, A37, A38, A39, A40, A41, A42, A43, A44, A45, A46, A47, A48, A49, A50, A51, A52, A53, A54, A55, A56, A57, A58, A59, A60, A61, A62, A63, A64, A65, A66, A67, A68, A69, A70, A71, A72, A73, A74, A75, A76, A77, A78, A79, A80, A81, A82, A83, A84, A85, A86, A87, A88, A89, A90, A91, A92, A93, A94, A95, A96, A97, A98, A99, A100
  - Regulatory Floodway
  - 0.2% Annual Chance Flood Hazard, Areas of 1% Annual Chance Flood with Average Depth Less Than One Foot or With Drainage Areas of Less Than One Square Mile
  - Future Conditions 1% Annual Chance Flood Hazard
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- GENERAL STRUCTURES**
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  - Basic Flood
  - National Geodetic Survey bench mark
  - Contractor Est. NCRMP Survey bench mark
  - Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
  - Coastal Travers
  - Coastal Travers Baseline
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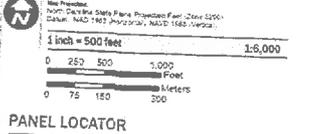
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**SCALE**



**PANEL LOCATOR**



**FEMA**  
National Flood Insurance Program

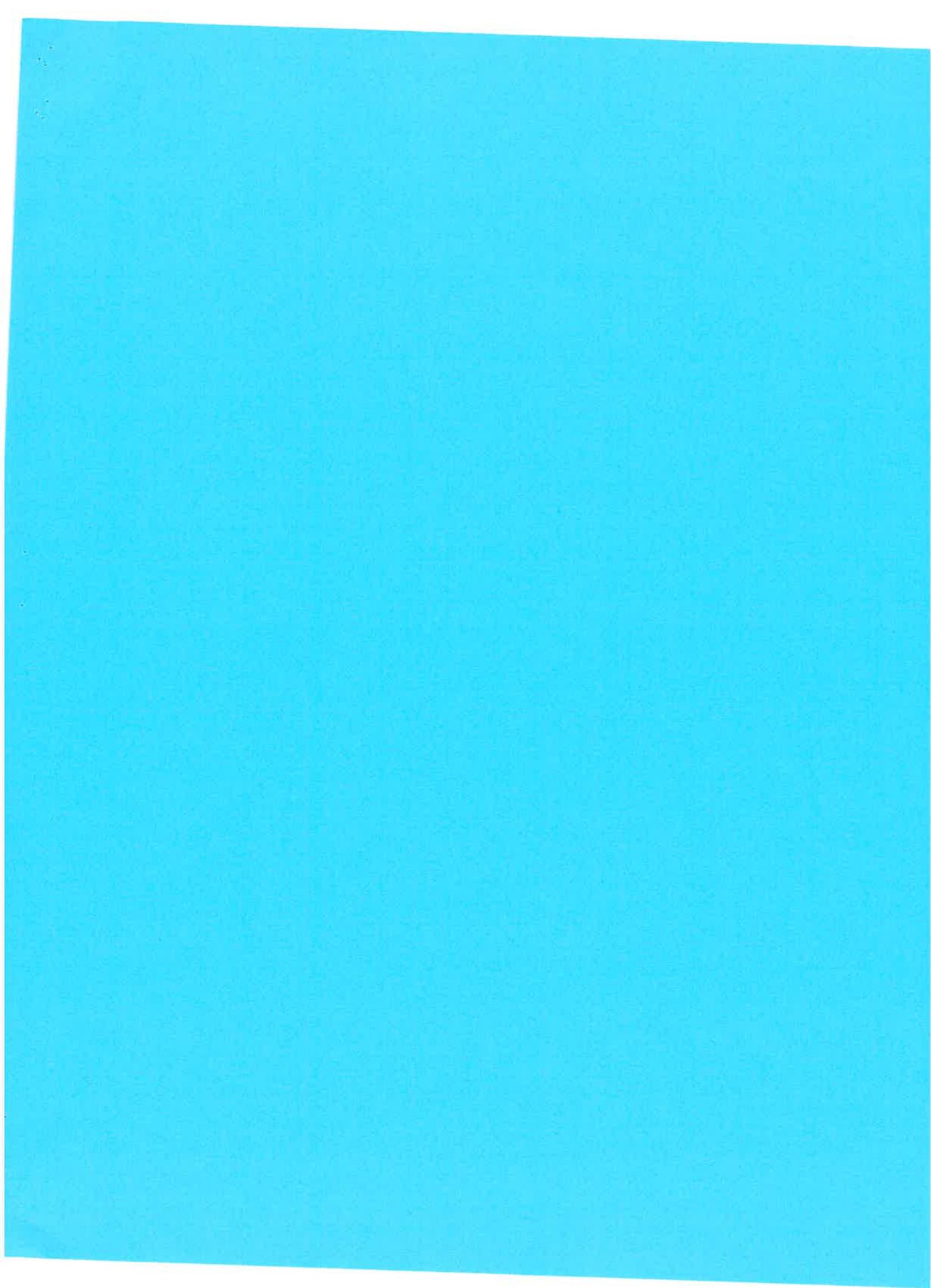
**NORTH CAROLINA FLOODPLAIN MAPPING PROGRAM**  
**NATIONAL FLOOD INSURANCE PROGRAM**  
**FLOOD HAZARD MAPS**

**NORTH CAROLINA**  
PANEL 3577

COMMUNITY: LENOIR COUNTY  
CIB: PANEL SUFFR

3577

MAP NUMBER: 3750-0577(01)  
MAP REVISION: 04/16/13





April 5, 2011

Everett's Clearing and Grading  
2402 Fred Everett Road  
Kinston, North Carolina 28504

Attention: Mr. Lynn Everett

Subject: Report of Seasonal High Water Table Evaluation  
Everett's Country 'E' Mine  
Institute Township, Lenoir County, NC  
Terracon Project Number 72115013

Dear Mr. Everett:

Terracon Consultants, Inc. (Terracon) has completed the geotechnical engineering services for the above referenced project. This seasonal high water table (SHWT) study was performed in general accordance with our proposal P72110067 dated March 31, 2011.

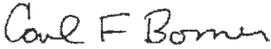
Attached with this letter is the report provided by our subcontracted licensed soil scientist. Using this data and the elevation information provided by Chris Paderick of Matrix East, PLLC, the following table summarizes the seasonal high water table elevations at the locations tested.

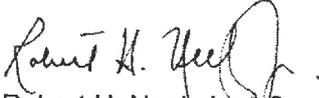
Boring Location	Depth Below Existing Grade (ft)	SHWT Elevation (ft)
1	10.7	87.4
2	1.0	83.9
3	10.5	85.5

The letter and a boring location plan are attached with this report. Please review and let us know if you have any questions.

Sincerely,

**Terracon Consultants, Inc.**

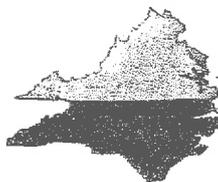
  
Carl F. Bonner, PE  
Principal / Office Manager  
Registered, NC 16252

  
Robert H. Neel, Jr., LG  
Principal / CMT Department Manager

Attachments

Terracon Consultants, Inc. 314 Beacon Drive, Winterville, NC 28590  
P [252] 353-1600 F [252] 353-0002 terracon.com Registered NC F-0869

Geotechnical  Environmental  Construction Materials  Facilities



**FRED D. SMITH SOIL CONSULTING, INC.**

March 24, 2011

Mr. Carl Bonner  
Terracon Consulting Engineers and Scientists  
314 Beacon Dr  
Winterville, NC 28590

Subject: Report of a Soil Evaluation for Depth to Seasonal Water Table  
LCID Landfill-Country "E" Mine  
Lenoir County, NC

Dear Mr. Bonner,

This letter concerns the soil evaluation I performed at the above mentioned site. You authorized me to perform a soil evaluation of the surface soils on the site and to determine the depth to the 'seasonal high water table'. The work was done in general accordance with the rules for stormwater disposal {15A NCAC 02H .1008 (d)}. You provided me with a site drawing.

The site currently is an excavated borrow pit with large areas of ponded water in the bottom.

My work consisted of several hand auger borings to observe and describe physical properties such as texture, color, structure, consistency, depth to seasonal or perched groundwater, parent material, and restrictive horizons.

The attached drawing shows the hand auger boring locations at the site. The soil descriptions are provided on attached forms. All soil descriptions are reported in the USDA system.

The soils surrounding the excavation are relatively undisturbed, well drained, loamy coastal plain sediments. I would generally characterize the surrounding soils as Norfolk-like (USDA Soil Series).

The depth to seasonal water table is:

Boring Location	Depth Below Existing Grade (feet)
1	10.7
2	1.0
3	10.5

The elevations of the borings will be provided by a surveyor. Please see the comment regarding Boring 2 on the attached soil description form.

**Office/Mobile (252) 908-4369**  
**Post Office Box 1175 - Nashville, North Carolina 27856**

## LEGEND OF ABBREVIATIONS FOR SITE EVALUATION FORM

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### STRUCTURE

G - Single Grain  
M - Massive  
Cr - Crumb  
Gr - Granular  
SBk - Subangular Blocky  
ABK - Angular Blocky  
PL - Platy  
PR - Prismatic

### MOIST CONSISTENCE

VFR - Very Friable  
FR - Friable  
Fi - Firm  
VFi - Very Firm  
EFi - Extremely Firm

### MINERALOGY

NEXP - Non-Expansive  
SEXP - Slightly Expansive  
EXP - Expansive

### WET CONSISTENCE

NS - Non-Sticky  
SS - Slightly Sticky  
S - Sticky  
VS - Very Sticky  
  
NP - Non-Plastic  
SP - Slightly Plastic  
P - Plastic  
VP - Very Plastic

**MATRIX PART, PLLC**  
 400 N. 20th St., Ste. 1  
 Fort Worth, Texas 76102  
 Tel: 817.339.1111  
 Fax: 817.339.1112

NO.	DESCRIPTION	DATE

**DATE REVISION**  
 1. 08/20/07  
 2. 09/10/07  
 3. 10/15/07  
 4. 11/15/07  
 5. 12/15/07  
 6. 01/15/08  
 7. 02/15/08  
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 667

**OPERATIONS PLAN**  
**LAND CLEARING AND INERT DEBRIS LANDFILL**

**EVERETT'S LCID PIT**  
SOLID WASTE PERMIT # \_\_\_\_\_  
ALDRIDGE STORE RD  
LENOIR COUNTY, NORTH CAROLINA

Date:

March 9, 2016

Prepared for:

EVERETT'S CLEARING AND GRADING, INC.  
2402 FRED EVERETT ROAD  
KINSTON, NC 28504  
(252) 522-5260

Prepared by:

J. BRANCH SMITH, PE  
P.O. BOX 15044  
WILMINGTON, NC 28408  
(910) 264-1071

## TABLE OF CONTENTS

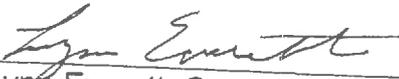
<u>SECTION</u>	<u>TITLE</u>
	OP ADOPTION
1	OPERATIONS PLAN
	WASTE DISPOSAL PLAN
	EROSION AND SEDIMENTATION
	STORMWATER MANAGEMENT
	SPILL PREVENTION AND RESPONSE PLAN
	PREVENTATIVE MAINTENANCE AND HOUSEKEEPING
2	APPENDIX
	LCID MAPS
	LCID PERMIT #

**LCID OPERATIONS PLAN ADOPTION**

**EVERETT'S CLEARING AND GRADING, INC.**

2402 FRED EVERETT ROAD  
KINSTON, NC 28504  
(252) 522-5260

This Operations Plan has been reviewed by the management of Everett's Clearing and Grading, Inc. and we hereby adopt this plan into the daily operations of our facilities, mining pits, and waste permits located in and surrounding Lenoir County, North Carolina.

  
\_\_\_\_\_  
Lynn Everett, Owner/Operator

2-26-16  
\_\_\_\_\_  
Date

1 **WASTE DISPOSAL PLAN**

- (a) See LCID Maps for General Location.
- (b) The approved disposal materials shall be land clearing waste (stumps, green limbs, leaves, grass, soil, yard waste, etc.).
- (c) Inert debris disposal means solid waste and recyclable materials that are source separated or separated for reuse and do not contain hazardous waste or soluble pollutants. Inert debris may not contain any putrescible wastes. Gravel, rock, soil, sand and similar materials, whether processed or not may be commingled with inert debris in the form of masonry, concrete, or grout for example.
- (d) Inert debris includes but is not limited to concrete (including fiberglass or steel reinforcing bar embedded in the concrete), fully cured asphalt, crushed glass, fiberglass, asphalt or fiberglass roofing shingles, brick, slag, ceramics, plaster, clay and clay products. Inert debris waste does not contain soluble pollutants and has not been treated in order to reduce pollutants (untreated lumber). If in doubt, contact the Solid Waste Section of NCDEQ.
- (e) The disposal of any material other than land clearing waste, inert debris, untreated wood, and yard waste shall be prohibited (15A NCAC 13B.0563).
- (f) The estimated cubic yards of waste at this facility will be 3000 cy/year.
- (g) Waste from any county in NC will be permitted but most likely only Lenoir, Wayne, Craven, Pitt, Greene, Duplin, Onslow, and Jones counties.
- (h) The equipment will be dump trucks and dozers mainly and excavators may be used to place fill dirt on occasion.
- (i) The facility is gated and locked daily.
- (j) The hours of operation are M-Sat. dusk till dawn but the facility is not active but a few times a week.
- (k) Signs are located at the facility to describe the types of acceptable wastes, prohibited wastes, operating hours, permit number, and emergency contact numbers.
- (l) Haul roads will be maintained for all-weather access.

- (m) Temporary storage of unacceptable waste shall be separated and stockpiled in an earthen berm storage area onsite for no less than 30 days before hauled to an approved landfill. Unacceptable wastes such as waste tires, appliances, construction and demolition waste, and household garage must not be disposed in the LCID Pit.
- (n) Fire Prevention and Response is covered by personnel training of Everett's Clearing and Grading, Inc. Fires on the LCID site shall be reported to the local fire department. Water may be used onsite to fight fires, but the local emergency responders will be contacted to fight any fires.
- (o) The permit files, inspections, and drawings will be maintained at the main office of Everett's Clearing and Grading.
- (p) The fill material will be imported or excavated from onsite. Fill will be applied within 60 days of waste piles being stored onsite.
- (q) Closure of the facility will be in accordance to the 15A NCAC 13B.0560 and notification made to the Solid Waste Section of NCDEQ.

## 2

### EROSION AND SEDIMENTATION CONTROL

- (a) The prevention of offsite sedimentation will be verified every week of operations.
- (b) The drainage area and surface water collected into the designated erosion control storage measures will be maintained to sufficient size and depth to accommodate the sediment-runoff.
- (c) The Erosion Control Permits (if permitted) will remain at the main office and Washington Regional DENR office.

3

**STORMWATER MANAGEMENT PLAN**

- (a) There is no State-permitted stormwater management permit necessary for this site. Stormwater Best Management Practices (BMP) for this facility are essentially the erosion control measures and details.
- (b) Receiving Waters on NC State 303(d) impaired waters list or located in a watershed established TMDL:

N/A - Falling Creek  
 303d Impaired Waters

\_\_\_\_\_  
 303d Impaired Waters

- (c) The potential pollutants and total suspended solids that could be expected from these solid waste operations are dust and sediment-runoff, non-road and road grade diesel fuel, motor oil and lubricants, equipment lubricants and chemicals. Sediment-runoff results from exposed slopes, haul roads, stockpiles, wastepiles, and other land disturbing activities. Dust is typically generated from truck and excavator traffic along haul roads. Fertilizers and other chemicals would be used for land reclamation or seeding and could be washed from slopes and other disturbed areas. Equipment fuel and lubricants could spill or wash onto the ground during hauling, excavation, and dumping operations, and during maintenance or repair. There are multiple other chemicals and pollutants listed in the Materials Safety Data Sheet (MSDS) notebook in the construction field and main offices.
- (d) List of significant spills or leaks of pollutants that have occurred in the last 3 years and corrective action:

\_\_\_\_\_  
 Significant Spills/Leaks \_\_\_\_\_  
Date

\_\_\_\_\_  
 Corrective Action \_\_\_\_\_  
Date

\_\_\_\_\_  
Significant Spills/Leaks \_\_\_\_\_ Date \_\_\_\_\_

\_\_\_\_\_  
Corrective Action \_\_\_\_\_ Date \_\_\_\_\_

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Significant Spills/Leaks \_\_\_\_\_ Date \_\_\_\_\_

\_\_\_\_\_  
Corrective Action \_\_\_\_\_ Date \_\_\_\_\_

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4

**SPILL PREVENTION AND RESPONSE PLAN (SPRP)**

- (a) An Inventory of Potential Pollutant Sources for this LCID facility is found in the Materials Safety Data Sheet (MSDS) notebook in the main office. A MSDS sheet is found for all chemicals on site. Also, the same list is found in the Hazard Communication Program notebook in the office.
- (b) An oil Spill Prevention Control and Countermeasure Plan (SPCC) is not required by Federal regulations, specifically the Mining Health and Safety Administration (MHSA), although the spill prevention control and countermeasures are detailed for all chemicals and pollutants in the MSDS notebook in the office.
- (c) The Everett's Clearing and Grading, Inc. personnel responsible for implementing the SPRP are all employees and personnel trained to work in the LCID Pit operations on site.
- (d) Permanent Fuel storage is not planned for this facility and any temporary storage vessels shall be removed from the site daily.
- (e) Any and all containment structures for Bulk Storage of Liquid Materials per Section 313 of Title III of the Superfund Amendments & Reauthorization Act (SARA) are not located in a Special Flood Hazard Area Zone AE or any areas subject to flooding.

- (f) If any fuel or oil spill should occur, the usable fuel/oil within the containment structures shall be pumped into tanker trucks and transported to another storage facility. Oil absorbent material shall be available if it is necessary to use. The unusable fuel/oil and the contaminated soil in the area will be excavated and disposed of in accordance with State and/or Federal regulations.
- (g) All unloading of transport vehicles to fill fuel tanks will meet minimum requirements and regulations established by the U.S. Department of Transportation (US DOT) and MHSA. The tanks will be attended while filling to prevent overflow, and to note visible leaks from seams, gaskets, valves, etc. If spills are evident, the contaminated soil will be excavated and disposed to an approved landfill or contact the Division of Waste Management. If the spills continue, a paved unloading ramp equipped with an oil-water separator may need to be constructed.
- (h) If any other spills that involve equipment lubricants and chemicals occur, the spill shall be cleaned up, excavated and disposed to an approved landfill or contact the Division of Waste Management.
- (i) All personnel who are in any way connected with the pollutants listed above, or responsible for storm water drainage and spill cleanup will be made familiar with this plan, and a copy of this plan will be posted and readily available to all personnel at the main office and field offices.

5

**PREVENTATIVE MAINTENANCE AND HOUSEKEEPING**

- (a) Preventive Maintenance and Housekeeping related to health and safety of personnel and any environmental impacts is discussed and trained to all personnel working in the operations of Everett's LCID Pit. Mine personnel are expected to be responsible with the pollutants that they are involved with the most. An "Annual Refresher" is a training course by Everett's Clearing and Grading every year that includes preventative maintenance, housekeeping, and MSDS. In addition, job-specific training is required for all new employees, which also includes preventative maintenance, housekeeping, and MSDS.

# LETTER OF TRANSMITTAL

**Everett's C&G, Inc.**  
 2402 Fred Everett Rd  
 Kinston, NC 28504  
 (252) 522-5260

DATE	03/28/16	JOB NO.
ATTENTION	Ming Chao, PE	
PHONE #	(919) 707-8251	
RE:	Everett's LCID Pit	
	New LCID Permit	
	Institute Township	
	Lenoir County, NC	

**TO: Solid Waste Section**  
Division of Waste Management-NCDEQ  
1646 Mail Service Center  
Raleigh, NC 27699-1646  
(919) 707-8251

COPIES	DATE	NO.	DESCRIPTION
2			LCID Maps
1			Operations Plan LCID
1			Site Narrative with Supporting Docs
1			Permit Application and Signature Page
1			Lenoir County Zoning Compliance Letter

**REMARKS:** An Erosion Control Permit was not submitted due to existing conditions.  
A state mining permit was active just a few years ago, so any erosion issues would have been  
addressed under that permit. This plan does not create additional land disturbance outside existing  
disturbed areas.  
Let us know if you have questions or need additional information. Thank you.

**COPY TO:** Lynn Everett

**SIGNED:** J. Branch Smith   
 jbranchs@gmail.com

**PERMIT APPLICATION REVIEW FORM**

Review Requested by:	
Date Requested:	<u>3/28/2016</u>
Facility Name and Permit ID	<u>Everett's Land Clearing and Inert Debris Pit</u>
Applicant (Owner) Name	<u>Lynn Everett</u>
Description of Permit Request [This is the action the applicant is requesting in accordance with NCGS 130A-295.8(b)]	<input checked="" type="checkbox"/> (1)a. New – New Facility <input type="checkbox"/> (1)b. New – Expand Facility Boundary <input type="checkbox"/> (1)c. New – Expand Waste Boundary <input type="checkbox"/> (1)d. New – Substantial Amendment <input type="checkbox"/> (2)a. Amendment – Next Phase of the Approved Facility Plan <input type="checkbox"/> (2)b. Amendment – Renewal/Review <input type="checkbox"/> 5YR <input type="checkbox"/> 10YR <input type="checkbox"/> (2)c. Amendment – Change in Ownership <input type="checkbox"/> (3)a. Modification – Change to Approved Plans ( <b>No CHR</b> ) <input type="checkbox"/> (3)b. Modification – Subsequent Permit to Operate ( <b>No CHR</b> ) <input type="checkbox"/> (3)c. Modification – Five-year Limited Review <input type="checkbox"/> (4) Major Permit Modification
Permitted Annual Tonnage	
Permit Fee	
Date Application Received	Click here to enter a date.
Contact Name, Title & Phone #	<u>Lynn Everett</u>
Email Address	<u>lynn@ecandg.com</u>
Company	<u>Everett's Clearing and Grading, Inc.</u>
911 Address	<u>Parcel 4596; XX Aldridge Store Rd</u>
Mailing Address	<u>2402 Fred Everett Rd</u>
City/State/Zip	<u>Kinston NC 28504</u>
Parent Company	=
Known Subsidiaries	=
Other known names business has operated under	<u>Westside Minerals is a Mining Co. of Lynn Everett</u>
Known Counties of Operation	<u>Lenoir, Wayne, Craven, Pitt, Greene, Duplin, Onslow, Jones, etc.</u>
Does the applicant have a past or current solid waste permit?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Facility Type:    INDUS                      Permit #:
Did the permit applicant submit Financial Assurance cost estimates?	Yes <input type="checkbox"/> No <input type="checkbox"/> Not Needed <input checked="" type="checkbox"/>
Other notes	

Applicant Signature Page

Name of facility EVERETT'S LAND CLEARING & INERT DEBRIS PIT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision and that the information provided in this application is true, accurate, and complete to the best of my knowledge.

I understand that North Carolina General Statute 130A-22 provides for administrative penalties of up to fifteen thousand dollars (\$15,000.00) per day per each violation of the Solid Waste Management Rules. I further understand that the Solid Waste Management Rules may be revised or amended in the future and that the facility siting and operations of this solid waste management facility will be required to comply with all such revisions or amendments.

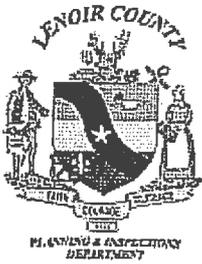
  
Signature

LYNN EVERETT  
Print Name

2-26-16  
Date

OWNER/OPERATOR  
Title

EVERETT'S CLEARING & GRADING, INC.  
Business or organization name



**LENOIR COUNTY  
PLANNING & INSPECTIONS DEPARTMENT**

PO BOX 3289  
101 NORTH QUEEN STREET  
KINSTON, NC 28502  
PHONE: 252-559-2260  
FAX: 252-559-2261



---

**MEMO**

**Subject:** Lenoir County Zoning Compliance

**Reference:** Everett Property – (N.C.P.I.N.: 3577-99-4506)  
Mining Permit Update  
Aldridge Store Rd off, Lenoir County, NC

**To Whom It May Concern:**

The proposed use at the above referenced property is in compliance with the Lenoir County Zoning Ordinance based upon the use being pre-existing at the time of ordinance adoption. Pre-existing uses may be continued but may not hereafter be enlarged or extended in any way. Please contact this office during normal business hours if there are any questions concerning this matter.

Regards,

A handwritten signature in cursive script that reads 'Wayland Humphrey'.

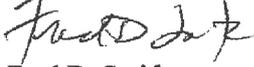
**Wayland Humphrey**

**Lenoir County**

GIS Coordinator / Planner / Zoning Officer  
E911 Address Database Mgr.

I appreciate the opportunity to work with you on this project. Please contact me if you have questions or need additional information.

Cordially,



Fred D. Smith  
Licensed Soil Scientist



**Office/Mobile (252) 908-4369**  
**Post Office Box 1175 - Nashville, North Carolina 27856**

Fred D. Smith  
 P. O. Box 1175  
 Nashville, N.C. 27856

SHEET \_\_\_\_\_ OF \_\_\_\_\_

DATE: 3/24/11  
 COUNTY: Lenoir County

SOIL SITE EVALUATION

Terrace  
LCID LANDFILL SITE

DATE EVALUATED  
 3/23/11

LOCATION OF SITE:

WATER SUPPLY: On-site Well \_\_\_\_\_ Comm. Well \_\_\_\_\_ Public \_\_\_\_\_ Other \_\_\_\_\_ EVAL METHOD: Auger Boring \_\_\_\_\_ Pit \_\_\_\_\_ Cut \_\_\_\_\_

PROFILE #	LANDSCP POS./ SLOPE(%)	HORIZON DEPTH (IN)	TEXTURE	STRUCTURE	MINEROLOGY/ CONSISTENCE	MATRIX COLOR	MOTTLE COLOR	PROFILE NOTES
1	linear	A 0-8	LS	gr	vfr	7.5YR5/4		Non Fork-Like soil
	side	E 8-15	LS	gr	vfr	10YR 6/4		
	slope	B 15-34	SCL	SBK	fr	5YR5/8		
	4 to 6%	C 34-92	SL	ABK	vfr-loose	10YR5/8		COARSE SAND GRAINS
		C 92-128	SCL	LARGE ABK	fr, ss, sp	10YR5/8		COARSE SAND bridged
Continued		3 128+	CL	MASSIVE	fr, s, sp	10YR5/8	5YR6/2 med 2/6	Seasonal High Water Table
#2	on	0-10	LS			5YR5/6		SHWT @ 1 foot
	side wall of steep slope	10-30+	CL	MASSIVE		10YR5/8	5YR6/2	
#3 ~2%	saddle	A 0-24	LS		fr			disturbed or filled TOP SOIL
	or	B 24-39	SCL	SBK	fr, ss, sp	5YR5/8		
	concave	B 39-69	SL	ABK	fr, ss, sp	5YR5/8	10R5/8	
	side	C 69-126	SL	MASSIVE	vfr	7.5YR7/8		
	slope	C 126+	SCL	MASSIVE	fr, sp	7.5YR7/8	5YR6/2	SHWT

EVALUATED BY: Fred Smith OTHER(S) PRESENT:

COMMENTS: Location #2 was on the side wall of the pit near the foot slope position of the cut. The gray depletions may actually be lateral movement of rain water along the interface of the loose sand and underlying soil layer. The best indication of seasonal high water table is probably borings 1 and 3.

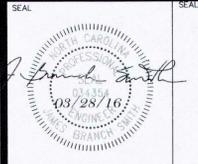




VICINITY MAP  
NTS

PROPERTY DATA: NC PIN #: 3577-99-4506; LENOIR CO. RECORD 4596  
 ZONING: RURAL  
 TOTAL ACREAGE: 17.98 ±  
 DEED REFERENCE: DB 987, PG 1; MP 19-15  
 PROPERTY OWNER & OPERATOR: EVERETT'S CLEARING AND GRADING, INC.  
 PO BOX 6025, KINSTON, NC 28501  
 (252) 522-5260

- BOUNDARY INFORMATION WAS TAKEN FROM MATRIX EAST, PLLC SURVEYING AND MAPPING.
- TOPOGRAPHIC INFORMATION TAKEN FROM MATRIX EAST FIELD SURVEY.
- OPEN PIT SCREENING PROVIDED FROM EXISTING CROP FIELDS, LIVESTOCK FIELDS, AND ACCESS ROAD GATE.
- ALL RUNOFF FROM LCID AREA DRAINS OR WILL DRAIN INTO LCID LANDFILL PIT.
- LANDFILL FILLING, OPERATION, AND RESTORATION ACTIVITIES WILL NOT INTRODUCE ANY FILL, STOCKPILES, WASTEPILES, OR NON-MOBILE EXCAVATING OR PROCESSING EQUIPMENT ABOVE THE PRE-DISTURBANCE GRADES.
- LCID MATERIALS WILL BE COVERED AT ALL TIMES WITH A MIN. 1-FT OF SOIL AND MATERIALS WILL BE MIN. 4-FT ABOVE GROUNDWATER.



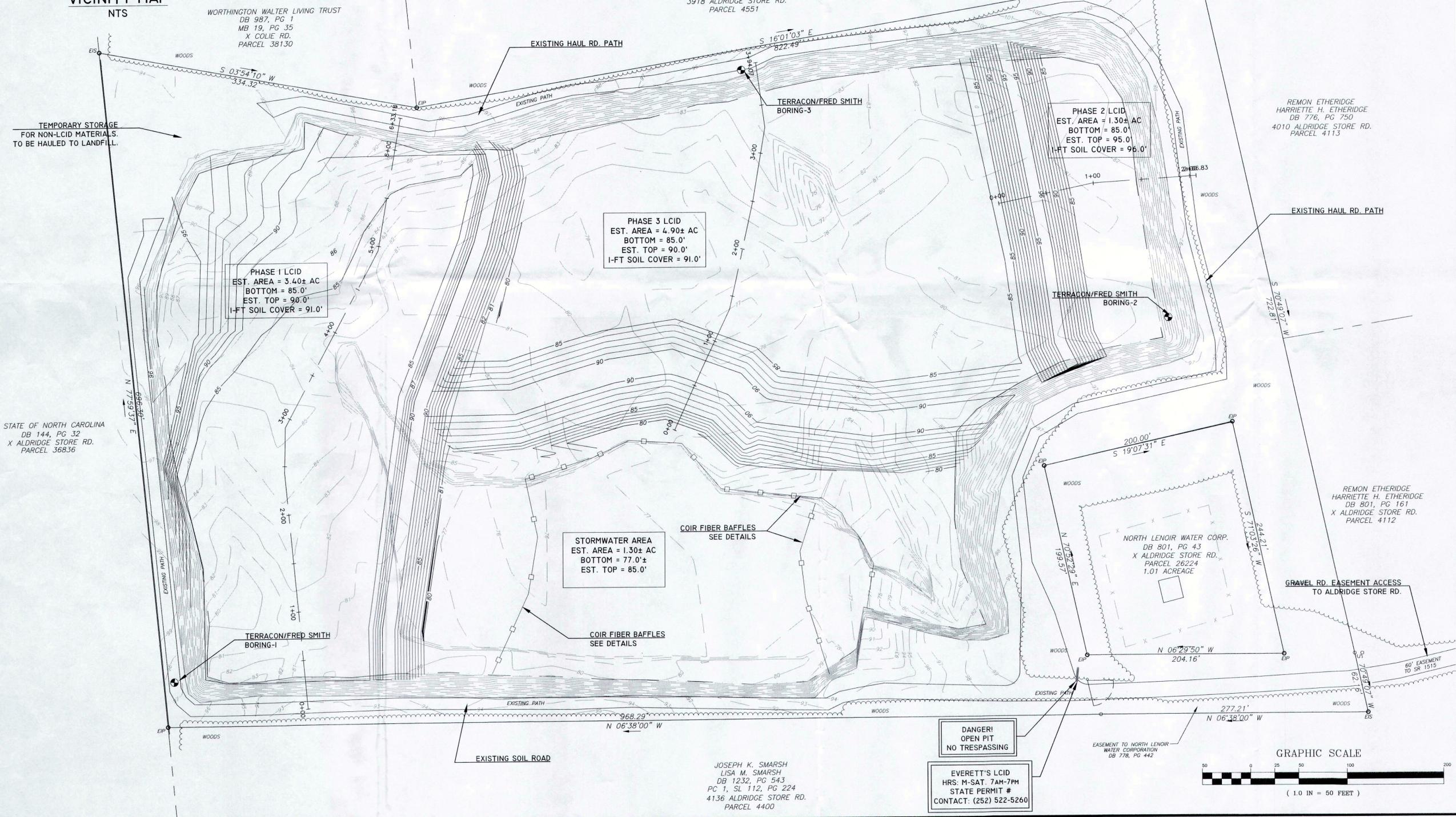
REFERENCE DRAWINGS

**EVERETT'S LAND CLEARING  
AND INERT DEBRIS PIT**

INSTITUTE TOWNSHIP  
LENOIR COUNTY NC

**PROPOSED CONDITIONS  
PHASING PLAN**

EVERETT'S CLEARING AND GRADING, INC.  
 2402 FRED EVERETT ROAD  
 KINSTON, NC 28504  
 (252) 522-5260



STATE OF NORTH CAROLINA  
 DB 144, PG 32  
 X ALDRIDGE STORE RD.  
 PARCEL 36836

WORTHINGTON, WALTER LIVING TRUST  
 DB 987, PG 1  
 MB 19, PG 35  
 X COLIE RD.  
 PARCEL 38130

N/F  
 SARAH VAUGHN HEIRS  
 DB 128, PG 156  
 3918 ALDRIDGE STORE RD.  
 PARCEL 4551

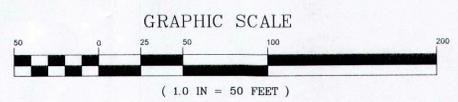
REMON ETHERIDGE  
 HARRIETTE H. ETHERIDGE  
 DB 776, PG 750  
 4010 ALDRIDGE STORE RD.  
 PARCEL 4113

REMON ETHERIDGE  
 HARRIETTE H. ETHERIDGE  
 DB 801, PG 161  
 X ALDRIDGE STORE RD.  
 PARCEL 4112

NORTH LENOIR WATER CORP.  
 DB 801, PG 43  
 X ALDRIDGE STORE RD.  
 PARCEL 26224  
 1.01 ACREAGE

JOSEPH K. SMARSH  
 LISA M. SMARSH  
 DB 1232, PG 543  
 PC 1, SL 112, PG 224  
 4136 ALDRIDGE STORE RD.  
 PARCEL 4400

EVERETT'S LCID  
 HRS: M-SAT, 7AM-7PM  
 STATE PERMIT #  
 CONTACT: (252) 522-5260



REV. NO.	DATE	REVISIONS	DEPARTMENT	BY

SCALE: 1" = 50'	DEPARTMENT:
DRAWN BY: JBS	SHEET No.: 2 OF 4
CHECKED: JBS	DRAWING No.:
APPROVED: JBS/LHE	PROJECT No.:
EVERETT'S LCID	

**LCID-2**

**PERMANENT SEEDING SPECIFICATIONS - COASTAL PLAIN (non-wetland & wetland soils)**

- ALL DISTURBED AREAS SHALL BE DRESSED TO THE EXISTING TYPICAL SECTION AND TILLED OR RIPPED TO A MIN. DEPTH OF 4-INCHES. THE TOP 2 INCHES SHALL BE PULVERIZED TO PROVIDE A UNIFORM SEEDBED. IF NECESSARY, LIME AND FERTILIZER SHOULD BE INCORPORATED INTO THE SOIL PRIOR TO SEEDING. FOLLOW SOIL TESTS AS SPECIFIED IN THE TABLE.
- THE FOLLOWING TABLE IS REFERENCED FROM NC EROSION CONTROL MANUAL SEC. 6-11.

COMMON NAME	BOTANICAL NAME	SPECIES	SEED RATES lbs/acre	FERTILIZATION & LIMESTONE	PLANTING DATES	NOTES
Rye Grain	Secale cereale	Nurse Crop	40	By Soil Test	8/15 - 4/15	
Wheat	Triticum aestivum	Nurse Crop	30	By Soil Test	8/15 - 4/15	
German Millet	Setaria italica	Nurse Crop	10	By Soil Test	4/15 - 8/15	
Browntop Millet	Urochloa ramosa	Nurse Crop	10	By Soil Test	4/15 - 8/15	
Kobe Lespedeza	Kummeria striata v. kobe	Nurse Crop	10	By Soil Test	5/1 - 9/1	
Sericea Lespedeza	Lespedeza cuneata 'Dumont'	Non-native	15	By Soil Test	10/1 - 4/1	
Centipede Grass	Eremochloa ophiuroic	Non-native	5-10	By Soil Test	9/1 - 5/1	
KY 31 Tall Fescue	Schedonorus phoenix	Non-native	100	By Soil Test	9/30 - 3/15	
Bermuda Grass	Cynodon dactylon	Non-native	25	By Soil Test	4/15 - 6/30	
Switchgrass	Panicum virgatum carthage, shelter, & blackwell	Native	3.50	By Soil Test	12/1 - 4/1	3.50 w/ 3 other seed species
			3.00			3.00 w/ 4 other seed species
			2.50			2.50 w/ 5 other seed species
Rice Cutgrass	Leersia cryzoides	Native	6.00	By Soil Test	12/1 - 4/1	6.00 w/ 3 other seed species
			5.00			5.00 w/ 4 other seed species
			4.00			4.00 w/ 5 other seed species
Sweet Woodreed	Cinna arundinacea cheyenne	Native	2.50	By Soil Test	12/1 - 4/1	2.50 w/ 3 other seed species
			2.00			2.00 w/ 4 other seed species
			1.50			1.50 w/ 5 other seed species
Soft Rush	Juncus effusus Eal	Native	2.50	By Soil Test	12/1 - 4/15	2.50 w/ 3 other seed species
			2.00			2.00 w/ 4 other seed species
			1.50			1.50 w/ 5 other seed species
Shallow Sedge	Carex pincidea	Native	2.50	By Soil Test	12/1 - 4/15	2.50 w/ 3 other seed species
			2.00			2.00 w/ 4 other seed species
Fox Sedge	Carex lurida	Native	2.50	By Soil Test	12/1 - 4/15	2.50 w/ 3 other seed species
			2.00			2.00 w/ 4 other seed species
			1.50			1.50 w/ 5 other seed species

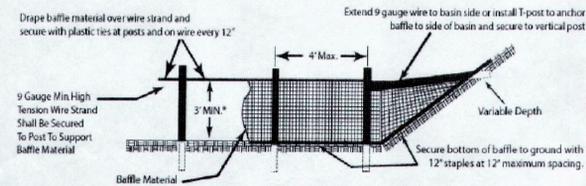


PERMANENT SEEDING RECOMMENDATIONS FOR RECLAIMED EXCAVATION AREAS

**MULCHING SPECIFICATIONS**

- MULCH TEMPORARY OR PERMANENT SEEDINGS IMMEDIATELY. AREAS THAT CANNOT BE SEEDING SHOULD BE MULCHED TO PROVIDE TEMPORARY PROTECTION OF OPEN AREAS, SHRUBS, AND TREES. USE AN ORGANIC MULCH EXCEPT WOOD FIBERS FOR THE TEMPORARY PROTECTION.
- CHEMICAL STABILIZERS MAY BE USED, BUT IT IS NOT RECOMMENDED FOR VEGETATION GROWTH. REFER TO THE EROSION CONTROL MANUAL FOR A LIST OF STABILIZERS AND FOLLOW MANUFACTURER'S SPECIFICATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING AND RESTORING TO PRE-CONSTRUCTION CONDITIONS ANY AREAS OUTSIDE THE PROJECT LIMITS THAT MAY INADVERTENTLY BE DAMAGED DUE TO THE FAILURE OF THE EROSION MEASURES DURING GRADING AND AFTER GRADING HAS BEEN COMPLETED.
- THE FOLLOWING TABLE IS REFERENCED FROM NC EROSION CONTROL MANUAL SEC. 6-14.

MATERIAL	RATE tons/acre	QUALITY
<b>ORGANICS</b>		
Straw	1-2	Dry; avoid weeds
Wood Chips	5-6	Air dry
Wood Fiber	0.5-1	
Bark	35 cy/acre	Air dry; shredded; chipped
Corn Stalks	4-6	Cut in 4-6 inch lengths
Sericea: lespedeza seed-bearing stems	1-3	Green or dry; mature seed within
<b>NETS/MATTING</b>		
Jute net	Cover area	heavy & uniform
Fiberglass net	Cover area	
Excelsior (wood fiber mat)	Cover area	
Fiberglass roving	0.5-1	Continuous fibers with non-toxic agent



\* If the temporary sediment basin will be converted to a permanent stormwater basin of greater depth, the baffle height should be based on the pool depth during use as a temporary sediment basin.

Note: Install three (3) coir fiber baffles in basins at drainage outlets with a spacing of 1/4 the basin length. Two (2) coir fiber baffles can be installed in the basins less than 20 ft. in length with a spacing of 1/3 the basin length.

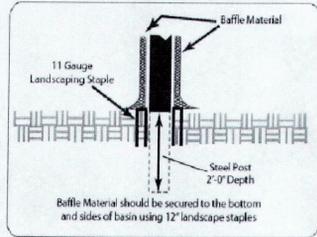
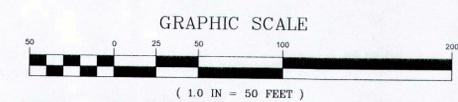
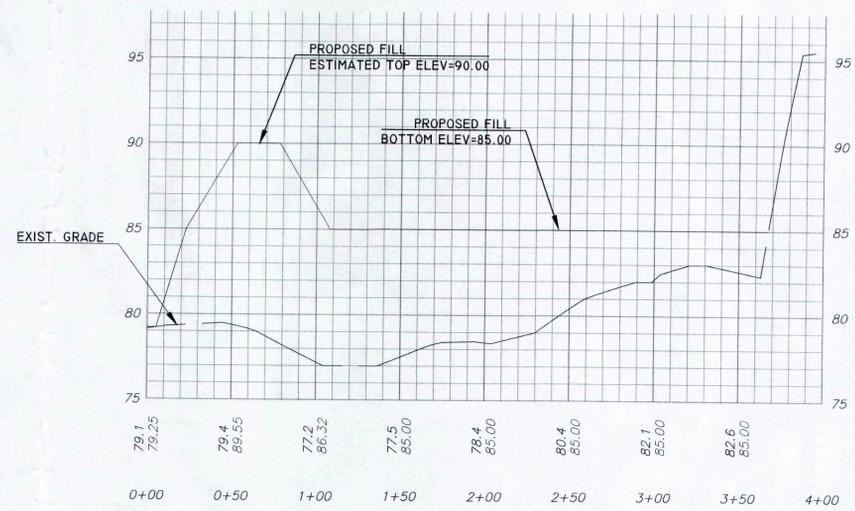
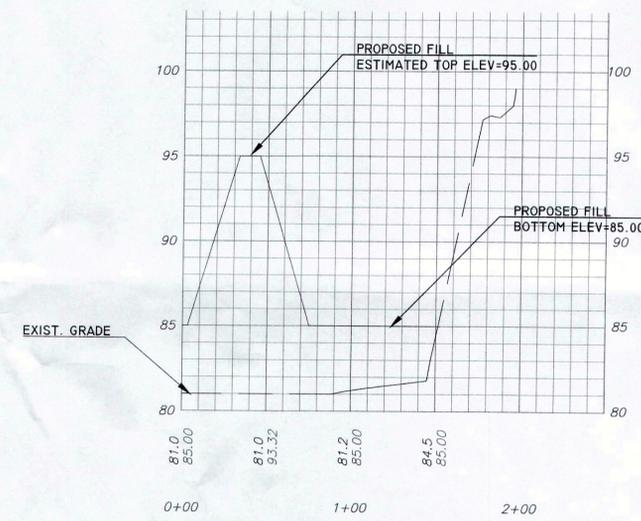
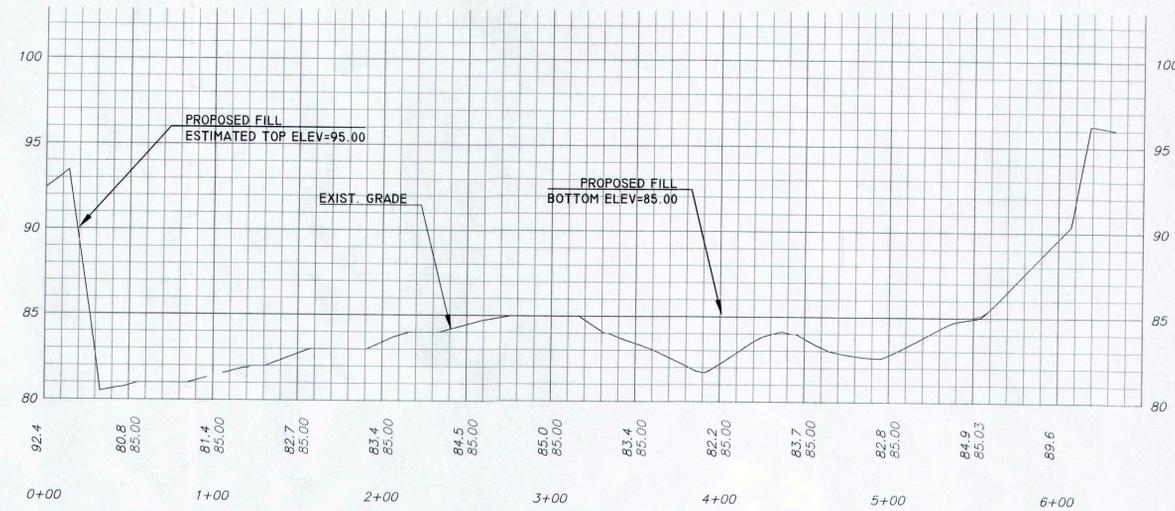
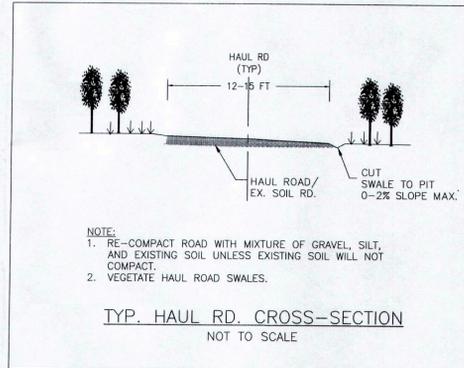


Figure 6.65b Coir Fiber Baffle Detail  
Cross section of a porous baffle in a sediment basin.

COIR FIBER BAFFLE DETAIL  
NOT TO SCALE



REFERENCE DRAWINGS

**EVERETT'S LAND CLEARING  
AND INERT DEBRIS PIT**

INSTITUTE TOWNSHIP  
LENOIR COUNTY NC

**DETAILS AND  
CROSS-SECTIONS**

EVERETT'S CLEARING AND GRADING, INC.  
2402 FRED EVERETT ROAD  
KINSTON, NC 28504  
(252) 522-5260

REV. NO.	DATE	REVISIONS	BY
SCALE	SEE PLAN	DEPARTMENT	
DRAWN BY JBS	DATE STARTED MAR. 2016	SHEET No. 3 OF 4	
CHECKED JBS		DRAWING NO.	
APPROVED JBS/LHE		PROJECT NO.	
EVERETT'S LCID			

**LCID-3**