



North Carolina Department of Environment and Natural Resources
Division of Waste Management

Pat McCrory
Governor

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Director

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Secretary

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

SOLID WASTE TRANSFER FACILITY
Permit 47A-LCID-

COUNTY OF HOKE
is hereby issued a

PERMIT TO CONSTRUCT AND OPERATE

HOKE COUNTY LCID LANDFILL
(A Land Clearing and Inert Debris Landfill and Processing Facility)

located adjacent to and north of the existing closed Hoke County Landfill, in the Raeford Township, Hoke 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 legal description of the site is identified on the deeds recorded for this property listed in Attachment 1, Part III of this permit.

Edward F. Mussler, III, P.E.
Permitting Branch Supervisor
Solid Waste Section

ATTACHMENT 1

PART I: Permitting History

Permit Type	Date Issued	Document ID
Permit to Construct and Operate	December 3, 1996	
Permit to Operate – Cell 1	July 12, 2002	
Permit Amendment – Cell 1, Cell 2, Processing	July 27, 2010	11226
Permit Modification – Cell 1, Cell 2, Processing	January 24, 2013	18204

PART II: List of Documents for the Approved Plan

1. Site Plan prepared by Hobbs, Upchurch & Associates, dated September 14, 1995 and approved December 3, 1996.
2. Land Clearing and Inert Debris Landfill permit application report and operations plan, dated September 6, 1995, and approved December 3, 1996.
3. Piezometer abandonment records received by fax from Hobbs, Upchurch & Associates on May 17, 1996.
4. Letter from Don Russell, Solid Waste Director. Letter concerned reissuing permit. Site drawing indicating the area of disposal for next five years. May 8, 2002.
5. *Permit Application Renewal for Hoke County LCID Landfill, Permit No. 47A-LCID-1996.* Prepared by Engineering & Environmental Science Company. April 16, 2010. DIN 10366.
6. *Permit Application Renewal for Hoke County LCID Landfill, Permit No. 47A-LCID-1996.* Revised application. Prepared by Engineering & Environmental Science Company. June 16, 2010. Received July 16, 2010. DIN 11163.
7. Letter from T. Patrick Shillington, P.E. Letter of certification stating that landfill was constructed in accordance with permit and application. Certification is for Cell 2. August 2, 2010. DIN 11302.
8. *Permit Application Renewal for Hoke County LCID Landfill, Permit No. 47A-LCID-1996.* Application for permit modification. Prepared by Engineering & Environmental Science Company. September 17, 2010. Received November 2, 2010. DIN 12092. Approved January 24, 2013. (DIN18203)

PART III: Properties Approved for the Solid Waste Facility

Hoke County, NC Register of Deeds				
Book	Page	Grantor	Grantee	Acres
511	796	Robert H. Gaitlin	County of Hoke	20

PART IV: General Permit Conditions

1. This permit is issued by the North Carolina Department of Environment and Natural Resources, Division of Waste Management, Solid Waste Section (Section). In accordance with North Carolina Solid Waste Management Rule 15A NCAC 13B .0201(e), a land clearing and inert debris solid waste management facility permit may be combined permit in two parts: a Permit to Construct and a Permit to Operate. The Permit to Construct shall expire July 27, 2015. The Permit to Construct conditions are contained in Attachment 2 of this permit. The Permit to Operate shall expire on July 27, 2015. The Permit to Operate conditions are contained in Attachment 3 of this permit.
2. The persons to whom this permit is issued (“permittee”) are the owners and operators of the solid waste management facility.
3. The Permit to Operate for this facility dated July 27, 2010, was recorded with the Hoke County Register of Deeds on July 30, 2010, in Deed Book 908, page 782-793.
4. When this property is sold, leased, conveyed, or transferred in any manner, the deed or other instrument of transfer must 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 permit.
5. By receiving waste at this facility the permittee shall be considered to have accepted the terms and conditions of this permit.
6. Operation of this solid waste management facility shall be in accordance with the North Carolina Solid Waste Management Rules, 15A NCAC 13B; Article 9 of the Chapter 130A of the North Carolina General Statutes (NCGS 130A-290, et seq.); the conditions contained in this permit; and the approved plan. Should the approved plan and the rules conflict, the Solid Waste Management Rules shall take precedence unless specifically addressed by permit condition. Failure to comply may result in compliance action or permit revocation.

7. This permit is issued based on the documents submitted in support of the application for permitting the facility including those identified in Attachment 1, Part III, "List of Documents for Approved Plan," and which constitute the approved plan for the facility. Where discrepancies exist, the most recent submittals and the Conditions of Permit shall govern.
8. This permit may be transferred only with the approval of the Section, through the issuance of a new or substantially amended permit in accordance with applicable statutes and rules. In accordance with NCGS 130A-295.2(g) the permittee shall notify the Section thirty (30) days prior to any significant change in the identity or business structure of either the owner or the operator, including but not limited to a proposed transfer of ownership of the facility or a change in the parent company of the owner or operator of the facility.
9. The permittee is responsible for obtaining all permits and approvals necessary for the development of this project including approval from appropriate agencies for a General or Individual National Pollutant Discharge Elimination System Stormwater Discharge Permit. Issuance of this permit does not remove the permittee's responsibilities for compliance with any other local, state or federal rule, regulation, or statute.

- End of Section -

ATTACHMENT 2
CONDITIONS OF PERMIT TO CONSTRUCT

PART I: Facility Specific Conditions

1. Cells 1 and 2 have been constructed and approved for operation.
2. The landfill is permitted for a total gross capacity of 65,658 cubic yards. Gross capacity is the measured volume between the bottom of waste and the top of final cover. Development of the landfill is approved as summarized below:

SUMMARY OF LANDFILL CAPACITY					
Cell	Years of Operation	Area (Ac.)	Capacity (CY)		
			Gross	Operating	Closure
Capacity Used					
1	-----	1.7	34,587	29,105 CY	5,481
Capacity Remaining					
2	2010-2015	.51	10,351	8,721 CY	1,630
3	2015-2020	.51	8,291	8,721 CY	1,630
4	2020-2025	.51	8,291	8,721 CY	1,630
Total					
		3.2	65,658	55,268 CY	10,370

3. The construction of additional landfill cells will require written approval of the Section. An application for a Permit to Construct must be prepared in accordance with applicable statutes and rules in effect on that date and will be subject to a permitting fee.
4. The following is required prior to receiving solid waste in newly constructed cells.
 - a. Written certification from a Registered Professional Engineer must be submitted to the Section certifying that the waste disposal unit(s) has been constructed in accordance with the approved plans.
 - b. A sign must be posted at the entrance as required by the NC Solid Waste Management Rules Operational Requirements, 15A NCAC 13B .0566(16).
 - c. The disposal unit boundary must be accurately identified with permanent markers.

- d. A site inspection and pre-operative meeting must be conducted by a representative of the Section. The permittee must notify the Section's Environmental Senior Specialist and make arrangements for the site inspection and pre-operative meeting.
 - e. After completion of the requirements in subparagraphs a. through c. above, the Section Environmental Senior Specialist shall notify the Permitting Branch Supervisor by letter or email that the pre-operative requirements have been met and that the unit(s) may commence receiving waste. The permittee will be copied on the notification and may begin receiving waste at that time.
5. Revisions to the design of the facility must be submitted to the Section for review and approval prior to the implementation and may be subject to a permitting fee.

PART II: Erosion and Sedimentation Control Requirements

6. All earth disturbing activities must be conducted in accordance with the Sedimentation Pollution Control Act of 1973 (15 NCAC 4) and consistent with any other local, state or federal requirements.
7. Facility construction, operations or practices must not cause or result in a discharge of pollution, dredged material, and/or fill material into waters of the state in violation of the requirements under Sections 401 and 404 of the Clean Water Act, as amended.
8. Modifications to the approved sedimentation and erosion control activities require approval by the North Carolina Land Quality Section. The permittee must notify the Section of any sedimentation and erosion control plan modifications.

ATTACHMENT 3
CONDITIONS OF PERMIT TO OPERATE

PART I: Facility Specific Conditions

1. This Permit to Operate expires July 27, 2015. Pursuant to 15A NCAC 13B .0201(g), no later than January 27, 2015, the owner or operator must submit a request to the Section for permit review and must submit updated facility plans meeting the requirements of Rule 0.565 and .0566.
2. This facility must conform to the operational requirements of the NC Solid Waste Management Rules, 15A NCAC 13B .0566, and to the operational plan required by 15A NCAC 13B .0565(4).
3. This Permit to Operate authorizes the continued operation of Cell 1 and 2.
4. This facility is permitted to receive land clearing waste; yard trash; untreated and unpainted wood; uncontaminated soil; inert debris such as unpainted rock, brick, concrete; concrete block; and asphalt in accordance with NCGS 130-294(m). Wooden pallets as defined in the NCGS Article 9, Chapter 130A-290(44a) are not permitted for disposal.
5. The facility has an average disposal rate of 2,333 cubic yards or 700 tons per year for the landfill (average of 58.0 tons per month or 2.767 tons per day based on 253 operating days per year).
6. This facility is permitted to receive waste generated within Hoke County.
7. Revisions to the operation of the facility or to the service area must be submitted to the Section for review and approval prior to the implementation and may be subject to a permitting fee.
8. The permanent markers that accurately delineate the waste disposal boundary must be maintained.
9. Excavation side slopes below ground level must not exceed a ratio of two horizontal feet to one vertical foot (2:1). Working face and final side slopes must not exceed a ratio of three horizontal feet to one vertical foot (3:1).
10. Open burning of land clearing waste is prohibited. If a fire occurs, the permittee must provide oral notification to the Section within 24 hours of the occurrence followed by a written report of the details of the fire within 10 working days of the occurrence. The report must include the cause, the location(s) on the premises, the dimensions and volume of material involved, a description of emergency response activities with results, and a description of mitigation measures implemented to reduce or eliminate conditions leading to the fire. Other conditions may be required based on the severity or nature of the fire.

11. An annual report meeting the requirements of G.S. 130A-309.09D (b) shall be submitted by August 1st of each year for the previous July 1 through June 30.
12. Amendments or revisions to the NC General Statutes or to the NC Solid Waste Management Rules or any violation of ground water standards may necessitate modification of the approved design or operation plans, waste acceptance requirements, or may require closure of the facility.

Cover Material Requirements

13. Solid waste must be covered with 1 foot of suitable soil cover at least once per month or when the active area reaches 1 acre in size, whichever occurs first, or more often when necessary to prevent the site from becoming a nuisance or to mitigate conditions associated with fire, windblown materials, vectors, or excessive water infiltration.
14. The facility must maintain a supply of cover material adequate to cover the working face in case of an emergency or fire, at all times.
15. Vegetative ground cover sufficient to control erosion must be established within 30 (thirty) working days upon completion of any phase of LCID landfill development or as addressed in the approved Sedimentation and Erosion Control permit.
16. Within 120 calendar days after completion of the final disposal operations, the disposal area must be closed and covered with a minimum of 1 foot of suitable soil cover sloped to allow surface water runoff in a controlled manner. However, for ditches with depths greater than 6 inches and widths less than 3 feet located on the landfill, at least 2 feet of soil is required between the bottom elevation of the ditches and the waste mass.

Drainage Control and Water Protection Requirements

17. All required sedimentation and erosion control measures must be installed and maintained to mitigate excessive on-site erosion and to prevent silt from leaving the site of the landfill unit during the service life of the facility.
18. Ground water quality at this facility is subject to the classification and remedial action provisions of 15 NCAC 2L.
19. Solid waste must be placed a minimum of four feet (4) above the seasonal high water table.
20. Solid waste must not be disposed in standing water. Surface water must be diverted from the operational area and must not be impounded over or in waste.
21. Leachate must be properly managed on site using best management practices.

Land Clearing and Yard Waste Debris Processing Conditions

22. The facility is permitted to operate a treatment and processing operation as defined in 15A NCAC 13B Rule .0101(49) and the approved operation plan. The operation consists of a grinder for land clearing and yard waste debris.
23. The facility is permitted to receive land clearing debris and yard waste defined in 15A NCAC 13B Rules .0101(23) and .0101(56), respectively.
24. The volume of material that will be processed and stored must be contained within the 0.5-acre wood grinding area and 1.0 acre wood storage/stockpile area shown on drawings included in approved operation plan.
25. If wood material/mulch containing yard trash is provided to the public, the permittee must submit a plan for composting the yard trash in accordance with the requirements of 15A NCAC 13B .1400, et. seq.

Animal Carcass Disposal Conditions

26. The permittee must manage the animal carcass disposal area in accordance with 2 NCAC 52C .0102, other applicable statutes and regulations, and the approved operation plan.
27. Animal carcasses must be buried a minimum of three (3) feet below ground surface or covered by three (3) feet of soil at the designated area inside the landfill as shown in approved operation plan.
28. If it is determined during the operation of the animal carcass disposal area that the operations adversely impact groundwater or that the area is a threat to human health, the permittee must close the disposal area.

- End of Permit Conditions -