



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

Pat McCrory
Governor

Linda M. Culpepper
Director

John E. Skvarla, III
Secretary

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

SOLID WASTE MANAGEMENT FACILITY
Permit No. 33G

CITY OF ROCKY MOUNT

is hereby issued a

PERMIT TO CONSTRUCT

33G-LCID- City of Rocky Mount Landclearing and Inert Debris (LCID) Landfill – Phase VI

PERMIT TO OPERATE

33G-LCID- City of Rocky Mount LCID Landfill – Phase VII and VI

PERMIT FOR CLOSURE

Not Applicable

Located on property accessed from and east of Old Battleboro Road (SR 1400), in Number 7 Township, Rocky Mount, Edgecombe 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 deed recorded for this property listed in Attachment 1 of this permit.

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

ATTACHMENT 1
GENERAL PERMIT CONDITIONS INFORMATION

Permit to Operate Table

Permit	Issuance	Expiration
33G-LCID-	September 16, 2014	November 4, 2020

Part I General Facility

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 North Carolina Administrative Code (NCAC) 13B .0201(d), a solid waste management facility permit shall have two parts: a permit to construct and a permit to operate. The permit to construct must be implemented in accordance with Attachment 2 of this permit. The permit to operate must be implemented in accordance with 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 construct for this facility issued April 15, 2003, was recorded in the Edgecombe County Register of Deeds on November 24, 2003, in Deed Book 1383, Pages 1128-1138 and the permit to operate issued April 25, 2005, was recorded on May 16, 2005, in Deed Book 173, Pages 775-780 [Document Identification Number (DIN) 21460].
4. When this property is sold, leased, conveyed, or transferred in any manner, the deed or other instrument of transfer must 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 solid waste management facility 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, "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.

**Properties Approved for the Solid Waste Management Facility
 Edgecombe County, NC - Register of Deeds**

Book	Page	Grantor	Grantee	Acres
1065	0103-0106	Bruce R. Cade and wife, Leslie C. Cade, and Robert E. Cade	City of Rocky Mount	270.80
071	0247-0250	Evans Tree Farm, Inc.	City of Rocky Mount	124.71
PC 7	164	Recombination Map - Debris Site Old Battleboro Road	City of Rocky Mount	
Total acreage:				395.51

The completed LCID landfill is estimated to occupy approximately 80 acres.

Part II Municipal Solid Waste Landfill Unit(s)

Not Applicable

Part III Construction and Demolition Landfill Unit(s)

Not Applicable

Part IV Industrial Landfill Unit(s)

Not Applicable

Part V Land Clearing and Inert Debris Landfill Unit(s)

Permitting History

No.	Permit Type	Date Issued	Document ID
1	Permit to Construct - Phase VII	April 15, 2003	
2	Permit to Operate – Phase VII	April 25, 2005	
3	PTO Amendment – Phase VII	November 4, 2010	11593
4	PTC Amendment – Phase VI PTO Amendment – Phases VII and VI	September 16, 2014	21782

List of Documents for the Approved Plan

1. Original permit submittal document dated September 19, 2002 and received September 30. The document included the original drawings (May 1, 2002), a zoning consistency letter (August 13, 2002), the construction and operational site plans, a letter from the NC Division of Water Resources addressing the property’s use as related to the City of Rocky Mount water quality permit (February 28, 2003), a letter from the NC Department of Cultural Resources (September 20, 2002), and a letter from NC Department of Water Quality addressing isolated wetlands (February 18, 2003).
2. Copies of permit submittal document and site plans received April 3, 2003.
3. Letter addressing construction of Phase VII from Brad Kerr (March 11, 2005).
4. As-built drawing of Phase VII Section A-A that represents 50% of the constructed Phase VII area that is ready for operation (March 10, 2005)
5. *Renewal of Permit 33G – Rocky Mount LCID Landfill.* Prepared and submitted by the City of Rocky Mount. April 27, 2009 revised through November 1, 2010. Doc ID 11594.
6. Permit Amendment Application for Phase VI of the City of Rocky Mount LCID Landfill. Prepared by Appian Consulting Engineers, PA. Rocky Mount, NC for the City of Rocky Mount. February 3, 2014. DIN 20963.

Part VI Transfer Station/Treatment & Processing Unit(s)

Not Applicable

Part VII Miscellaneous Solid Waste Management

Not Applicable

- End of Section -

ATTACHMENT 2

CONDITIONS OF PERMIT TO CONSTRUCT

Part I: General Facility

1. Construction of all solid waste management units within this facility must be in accordance with the pertinent approved plans included in Attachment 1, "List of Documents for the Approved Plan".
2. Modification or revision of any approved plan or changes during construction require approval by the Section and may constitute a permit modification and be subject to a permitting fee.
3. All sedimentation and erosion control activities must be conducted in accordance with the Sedimentation Control Act NCGS 113A-50, et seq., and rules promulgated under 15A NCAC 4. The facility must furnish a copy of the approved Sedimentation and Erosion Control Plan from the NC Division of Energy, Mineral and Land Resources, Land Quality Section, to the Solid Waste Section.
4. Modifications to the approved sedimentation and erosion control activities require approval by the NC Division of Energy, Mineral and Land Resources, Land Quality Section. The Solid Waste Section must be notified of any modifications.
5. Facility construction 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 requirement under Sections 401 and 4040 of the Clean Water Act, as amended.
6. The initial, substantial, construction authorized by this permit to construct must commence within 18 months from the issuance date of this permit. If substantial construction does not begin within 18 months from the issuance date of this permit, then the permit to construct shall expire. Substantial construction includes, but is not limited to, issuance of construction contracts, mobilization of equipment onsite, and construction activities including installation of sedimentation and erosion control structures. The permittee may reapply for the permit to construct prior to the expiration date. The re-application will be subject to the statutes and rules in effect on that date and may be subject to additional fees.

Part II Municipal Solid Waste Landfill Unit(s)

Not Applicable

Part III Construction and Demolition Landfill Unit(s)

Not Applicable

Part IV Industrial Landfill Unit(s)

Not Applicable

Part V Land Clearing and Inert Debris Landfill Unit(s)

1. Pursuant to 15A NCAC 13B .0201(c) and (e), this permit approves construction of Phase VI of the City of Rocky Mount LCID Landfill.
2. The following is required prior to receiving solid waste in the new phase.
 - 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 plan.
 - b. A sign must be posted at the entrance as required by 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 and make arrangements for the site inspection and pre-operative meeting.
3. A representative of the Section will notify the Permitting Branch Supervisor in writing, either by letter or email, after the conditions in Attachment 2, Part V, Item 2 have been met. The owner and operator will be copied on the correspondence. The notification will serve as permission to begin receiving waste in the new phase. A copy of the notification must be kept as part of the permanent record.
4. A paper and electronic copy of the construction record (as-built) drawing must be submitted to the Section within 30 days of certification of construction by the professional engineer.

Part VI Transfer Station/Treatment & Processing Unit(s)

Not Applicable

Part VII Miscellaneous Solid Waste Management

Not Applicable

-End of Section-

ATTACHMENT 3

CONDITIONS OF PERMIT TO OPERATE

Part I: General Facility

1. The facility must be adequately secured by means of gates, chains, berms, fences, or other security measures approved by the Section to prevent unauthorized entry.
2. Signs must be posted at the entrance to the facility that state types of waste that can and cannot be received at the facility, the hours of operation, the permit number(s), contact name, telephone number, and other pertinent information. Traffic signs or markers must be provided as necessary to promote an orderly traffic pattern to and from the operating areas and to maintain efficient operating conditions.
3. Interior roadway must be of all-weather construction and maintained in good condition.
4. A responsible individual trained and certified in facility operations must be on-site at all times during all operating hours of the facility, in accordance with N.C.G.S. 130A-309.25. An attendant must be present to oversee the loading and unloading of waste.
5. Copies of this permit, the approved plans, and all records required to be maintained by the permittee must be maintained at the facility and made available to the Section upon request during normal business hours.
6. All sedimentation and erosion control activities must be conducted in accordance with the Sedimentation Control Act, NCGS 113A-50 et seq., and rules promulgated under 15A NCAC 4. All required sedimentation and erosion control measures must be installed and operable to mitigate excessive on-site erosion and to prevent silt from leaving the area of the landfill unit during the service life of the facility. The Section must be notified of any modifications to the approved sedimentation and erosion plan.
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 4040 or the Clean Water Act, as amended.
8. Fire lanes must be established and maintained at all times. The dimensions of the fire lanes must be coordinated with the Fire Marshall having jurisdiction over the site.
9. Open burning of solid waste is prohibited.
10. Fires and non-conforming waste incidents shall be reported to the Section's regional waste management specialist within twenty-four hours followed by a written notification to be submitted within 15 days.
11. Financial assurance as required by state rules and statutes must be continuously maintained for the duration of the facility and updated and submitted annually to the Section by the anniversary date of the issuance of this permit.

12. Any modifications to the approved plans must be submitted to the Section and approved prior to implementation.

Part II: Municipal Solid Waste Landfill Units

Not Applicable

Part III: Construction and Demolition Debris Landfill Units

Not Applicable

Part IV: Industrial Landfill Units

Not Applicable

Part V: Land Clearing and Inert Debris Landfill Units

13. The permit to operate will expire November 4, 2020. Pursuant to 15A NCAC 13B .0201(c), the permittee must submit a permit amendment application prepared in accordance with 15A NCAC 13B .0565 and .0566 to the Section no later than May 4, 2020.
14. The facility must conform to the operational requirements of 15A NCAC 13B .0566 and to the operational plan required by 15A NCAC 13B .0565(4).
15. This permit authorizes the continued operation of Phases VII of the LCID landfill. Operation of additional phases is contingent of completion of requirements contained in the permit to construct.
16. The following table lists the estimated capacity for the landfill. Total gross capacity is defined as the volume measured from the bottom of waste through the top of final cover.

Phase	Gross Capacity (cubic yards)	Status
I	99,000	Not Constructed
II	109,630	Not Constructed
II	108,766	Not Constructed
IV	137,564	Not Constructed
V	160,200	Not Constructed
VI	172,226	Approved for Construction (estimated capacity to 2023)
VII	153,342	Constructed
Total	940,728	

17. This facility is permitted to receive solid waste generated within Edgecombe and Nash counties. Proposed changes to the service must be approved by the Section and will be considered a modification and may be subject to a permitting fee.
18. The facility is permitted to receive land clearing waste; yard trash; untreated and unpainted wood; uncontaminated soil; inert debris such as unpainted rock, brick, concrete, and concrete block; and asphalt in accordance with NCGS 130A-294m. Wooden pallets as defined in NCGS 130A-290(44a) as not permitted for disposal.
19. Permanent markers that accurately delineate the waste disposal boundary must be maintained.
20. Excavation, grading, and fill material side slopes must not exceed a ration of three horizontal feet to one vertical foot (3:1).
21. 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 dimension and volumes 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.

Cover Material Requirements

22. Adequate soil cover shall be applied monthly, or when the active area reaches one 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.
23. The facility must maintain a supply of cover material adequate to cover the working face in case of an emergency or fire, at all time.
24. Vegetative ground cover sufficient to restrain erosion must be established within 30 working days over areas that are not do not receive wastes for 30 calendar days or upon completion of any phase of LCID landfill development or as addressed in the approved Sedimentation and Erosion Control permit.
25. Within 120 calendar days after completion of the final disposal operations, the disposal area must be closed and covered with a minimum of one foot of suitable soil cover sloped to allow surface water runoff in a controlled manner.

Drainage Control and Water Protection Requirements

26. All required sedimentation and erosion control measures must be installed and operable 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.

27. Ground water quality at this facility is subject to the classification and remedial action provisions of 15A NCAC 2L.
28. Solid waste must be placed a minimum of four feet above the seasonal high water table.
29. Solid waste must not be disposed in standing water. Surface water must be diverted from
30. Leachate must be properly managed on site through the use of current best management practices.
31. Concentration of explosive gases generated by the facility shall not exceed specifications listed in 15A NCAC 13B .0566 (13).

Recordkeeping and Reporting

32. The permittee must maintain a record of the amount of solid waste received at the facility. On or before August 1 annually, the permittee must submit an annual facility report to the Solid Waste Section, on forms prescribed by the Section.

Part VI: Transfer Station / Treatment and Processing Unit

Not Applicable

Part VII: Miscellaneous Solid Waste Management

Not Applicable

- End of Permit Conditions -