



NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor
William G. Ross Jr., Secretary

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

**LAND CLEANING AND INERT DEBRIS LANDFILL
PERMIT NO. 13-F**

Charlotte Motor Speedway (CMS) Inc., Landowner
and
Cabarrus LCID Landfill, Operator
is hereby issued a

**PERMIT TO OPERATE & CLOSURE MODIFICATION
CABARRUS LCID LANDFILL**

located at 5001 Morehead Road (SR 1300) at the Charlotte Motor Speedway near the intersection of Morehead Road and State Highway 29 southwest of Concord, Cabarrus County, North Carolina, in accordance with Article 9, Chapter 130A, of the General Statutes of North Carolina and all rules promulgated thereunder and subject to the conditions set forth in this permit. The facility is located and described by the legal description of the site or the property map contained within the approved application and the site drawings.

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

ATTACHMENT 1

PART I: Permitting History

Issuance	Date
Original (Permit to Construct/ Permit to Operate)	May 15, 2001
Permit Modification (Permit to Operate / Closure Plan)	February 4, 2005
Permit to Operate (Closure Modification)	October 1, 2008

PART II: List of Documents for the Approved Plan.

Documents 1 through 8 are located in the Original Permit to Construct and Operate dated May 15, 2001.

9. *Closure Plan Revision Permit 13-F for the Cabarrus LCID Landfill.* Prepared by: Chas. H. Sells, Inc. Prepared for: Cabarrus LCID Landfill. February 2, 2005.
10. *Cabarrus LCID Modification Closure Plan, Landfill Permit No. 13-F.* Prepared for: Cabarrus LCID. Prepared by: Chas. H. Sells, Inc. May 2, 2008.

PART III: GENERAL PERMIT CONDITIONS

1. Pursuant to the NC Solid Waste Management Rules (Rule) 15A NCAC 13B .0563(4) and .0201(e), this permit approves an operational period for the Cabarrus LCID Landfill (LCIDL) of five (5) years from the issuance date of this Permit to Operate and shall expire October 1, 2013 or when final grades are reached as shown in Attachment 1, Part II, Document 10.
 - a. No later than April 1, 2013 the Permittee must submit an application to the North Carolina Department of Environment and Natural Resources, Division of Waste Management, Solid Waste Section (Section) for permit amendment for the next 5-year phase of operation.
 - b. The application for the next phase of operation must comply with the rules and regulations in effect at the time of the next application.
2. The persons to whom this permit is issued (“Permittee”) are the owners and operators of the solid waste management facility.

3. The original Permit to Operate was recorded on May 18, 2001 in Deed Book: 3241 Page: 323. By this recording, the requirements of this condition have been met.
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 LCIDLF 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 must be in accordance with the 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.
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 II "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 Solid Waste 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 must notify the Solid Waste 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 NPDES 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

PART I: SITE SPECIFIC CONDITIONS

1. This permit authorizes the operation of the LCIDLF which includes an additional 45,000 cubic yards of volume to regrade the final contours for closure within the 21.98-acre facility boundary in accordance with the approved plan, Attachment 1, Part II, Document 10. The facility will be closed when the final contours are reached as shown in Attachment 1, Part II, Document 10.
2. Revisions to the design or operation of the facility without the written approval of the Solid Waste Section are a violation of this permit.
3. Amendments or revisions to the NC Solid Waste Management Rules or any violation of groundwater standards may necessitate modification of the approved plans or closure of the facility.
4. This facility must conform to the operational requirements of the Rules 15A NCAC 13B .0565(4), 15A NCAC 13B .0566, and approved document listed in Attachment 1.
5. This facility is permitted to receive land clearing waste, yard trash, untreated and unpainted wood, uncontaminated soil, and inert debris such as unpainted rock, brick, concrete, and concrete block. Waste acceptance requirements may be affected by future revisions and amendments to the NC General Statutes, or to the NC Solid Waste Management Rules.
6. Solid waste must be restricted to the smallest area feasible, compacted as densely as practical into cells by proper construction equipment, and sloped to ensure drainage to the mine pit.
7. Excavation, grading, and fill material side slopes must not exceed three (3) horizontal to one (1) vertical.
8. The following requirements must be met prior to receiving waste and during the operation of the site:
 - a. A site inspection and/or pre-operative meeting must be conducted by a representative of the Solid Waste Section.
 - 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. Site access controls must be installed and operational.
 - d. An attendant must 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.
 - e. Access roads must be of all-weather construction and properly maintained.

9. The concentration of explosive gases generated by the LCIDLF facility must not exceed:
 - a. Twenty-five percent (25%) of the lower explosive limit for the gases in facility structures.
 - b. The lower explosive limit for the gases at the property boundary.
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 that includes but not limited to: the cause, the location(s) on the premises, the dimensions and volume of material involved, description of the emergency response activities, how the fire was brought under control, and what mitigation measures are 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

11. Solid waste must be covered with 1.0 foot of suitable soil cover at least once per month or when the active area reaches 1.0 acre in size in accordance with the approved operation plan (Attachment 1, Part II, Document 1 through 10), whichever comes 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.
12. Vegetative ground cover sufficient to restrain erosion must be established within 30 working days over areas that do not receive wastes for 30 calendar days or upon completion of any phase of LCIDLF development or as addressed in the approved Sedimentation and Erosion Control permit (Attachment 1, Part II, Document No. 1 through 10).
13. Within 120 calendar days after completion of the final disposal operations, the disposal area must be closed and covered with a minimum of one (1) foot of suitable soil cover sloped to allow surface water runoff in a controlled manner. However, ditches located on the landfill debris must have a two (2) feet thick soil cover as its base and side slopes.

EROSION AND SEDIMENTATION CONTROL REQUIREMENTS

14. 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.
15. The Permittee is solely responsible for maintaining an approved sedimentation and erosion control plan. All earth disturbing activities must be conducted in accordance with the Sedimentation Pollution Control Act of 1973 (15 NCAC 4) along with any other local, state or federal requirements.

DRAINAGE CONTROL AND WATER PROTECTION REQUIREMENTS

16. Facility 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 402 and 404 of the Clean Water Act, as amended
17. Ground water quality at this facility is subject to the classification and remedial action provisions of 15 NCAC 2L.
18. Surface water must be diverted from the operational area.
19. Surface water must not be impounded over or in waste.
20. Solid waste must be placed a minimum of four (4) feet above the seasonal high water table and meet the requirements of Rule 15A NCAC 13B .0564(8)(d).
21. Solid waste must not be disposed in standing water.
22. Leachate must be properly managed on site through the use of current best management practices.

- End of Permit Conditions -