



Waste Management  
ENVIRONMENTAL QUALITY

Facility Permit No: 41S-LCID  
D & D Grading, Inc. LCID Landfill  
Permit to Construct and Operate  
April 19, 2016  
Doc ID No. 25851  
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North Carolina Department of Environmental Quality  
Division of Waste Management

Pat McCrory  
Governor

Donald R. van der Vaart  
Secretary

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

**LAND CLEARING AND INERT DEBRIS (LCID) LANDFILL  
PERMIT NO. 41S-LCID**

David E. Dick  
is hereby issued a

**PERMIT TO OPERATE**  
D & D Grading, Inc. LCID LANDFILL  
PHASE 1A

Located at 1411 Rankin Mill Road (SR 2832) in the Monroe Township east of Greensboro, Guilford 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 No. 1 of this permit.

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Edward F. Mussler, III, P.E., Supervisor  
Permitting Branch, Solid Waste Section  
Division of Waste Management, NCDEQ

## ATTACHMENT 1

### PART I: PERMITTING HISTORY

Permit	Date
Date of Original Issue (Phase 1)	April 28, 2004
Permit Amendment (Phase 1A)	May 31, 2010
Permit Amendment (Phase 1A)	April 19, 2016

### PART II: LIST OF DOCUMENTS FOR THE APPROVED PLAN

1. L.C.I.D. Permit Application for Phase 1A, D & D Grading, Inc. 1411 Rankin Mill Road, McLeansville, NC 27301 prepared by Evans Engineering, Inc dated November 18, 2009.
2. Original permit submittal document titled *L.C.I.D. Permit Application for D & D Grading, Inc., 1411 Rankin Mill Road, McLeansville, North Carolina 27301* dated 10 April 2001, received 14 June 2001 and prepared by Evans Engineering, Inc. Original submittal documents include the application narrative, soil test and boring records, Zoning Approval (dated 27 November 2000), Sedimentation and Erosion Control Plan, design drawing, and Site Operations Plan.
3. Revision to the original permit application submitted by Evans Engineering, Inc. dated December 31, 2002 including revised drawings 1, 2, 3, 4 of 4, a revised Operations Plan, and additional topographical and volumetric information, and a property deed.
4. 5-year Permit Amendment application including updated Operational Requirements, Engineered Maps, and Applicant Signature Page dated January 14, 2016, revised April 8, 2016, DIN 25871. NC SWS technical review letter dated March 31, 2016, DIN 25850.

### PART III: PROPERTIES APPROVED FOR THE SOLID WASTE FACILITY

Property	Book	Page	Acreage	Grantor	Grantee
Original Permit	3892	1478-1481	33.85	Charles William Fagg and wife, Patsy Southern Fagg	David E. Dick
<b>Total Site Acreage:</b>			<b>33.85</b>		

Note: Deed book reference is from Guilford County, NC Register of Deeds office.

#### **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 in two parts: a Permit to Construct and a Permit to Operate. The Permit to Construct are contained in Attachment 2 of this permit. 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 Solid Waste Permit 41S-LCID was recorded May 18, 2004 pages 1856 to 1864 in Book 6094 at the Guilford County Register of Deeds office.
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 land clearing and inert debris landfill and a reference by book and page to the recordation of the permit.
5. By beginning construction or receiving waste at this facility the permittee shall be considered to have accepted the terms and conditions of this permit.
6. Construction and operation of this solid waste management facility must be in accordance with the Solid Waste Management Rules, 15A NCAC 13B, Article 9 of 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. The 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 must 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 sedimentation and erosion control, and a General or Individual National Pollutant Discharge Elimination System (NPDES) Stormwater Discharge Permit, if applicable. 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**

*Not Applicable*

### ATTACHMENT 3

### CONDITIONS OF PERMIT TO OPERATE

#### PART I: FACILITY SPECIFIC CONDITIONS

1. This Permit to Operate expires April 19, 2021. Pursuant to 15A NCAC 13B .0201(g), no later than October 15, 2020, 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 Phase 1A at the LCID Landfill. Phase 1A has a total gross capacity of 59,075 cubic yards in accordance with the approved plan referenced in Attachment 1, Part II, of this permit (List of Documents for the Approved Plan).
4. The landfill is permitted for a total gross capacity of 387,142 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:

	Acreage	Capacity (Cubic Yards)	Status	Estimated Cover Soil Required*
Phase 1	0.9	14,520	Permitted	2,900 CY
Phase 1A	2.6	59,075	Permitted	5,808 CY
Phase 2	1.9	62,709	Not permitted	N/A
Phase 3	1.9	62,709	Not permitted	N/A
Phase 4	1.9	62,079	Not permitted	N/A
Phase 5	1.9	62,079	Not permitted	N/A
Phase 6	1.9	62,079	Not permitted	N/A
Total (Gross)	13.0	387,142		

\*Cover soil will be from onsite excavation and will be stockpiled at various locations convenient to operations

5. The daily intake tonnage is estimated at 9.8 tons per day, 5 days per week, 50 weeks per year for a total of 2,450 tons per year or 4,900 cubic yards per year. The total 5 year intake is estimated at 24,500 cubic yards.
6. 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, and concrete block; and asphalt in accordance with NCGS 130-294(m).
7. This facility is permitted to receive waste generated within Guilford County, Rockingham County, and Alamance County. Proposed changes to the service area must be submitted to the Section for review prior to any changes in accordance with Condition No. 11 of this Attachment
8. The permanent markers that accurately delineate the waste disposal boundary must be maintained.
9. Excavation, grading and fill material side slopes must not exceed a ratio of three horizontal feet to one vertical feet (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. Revisions to the design or operation of the facility or changes to the facility service area must be submitted to the Section for review and approval prior to the implementation of any changes. Revisions or changes that require modification to the permit will be subject to the appropriate permitting fee.
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.
13. Copies of this permit, the approved plans and all records required to be maintained by the permittee must be maintained at the facility, unless otherwise approved by the Section, and made available to the Section upon request during normal business hours.

### **Cover Material Requirements**

14. 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.
15. 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.
16. 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.
17. 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.

### **Erosion and Sedimentation Control Requirements**

18. 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 Control Act N.C.G.S. 113A-50, et seq., and rules promulgated under 15A NCAC 4.
19. 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.
20. 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.

### **Drainage Control and Water Protection Requirements**

21. 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.
22. Ground water quality at this facility is subject to the classification and remedial action provisions of 15 NCAC 2L.

23. Solid waste must be placed a minimum of four feet above the seasonal high water table.
24. Solid waste must not be disposed in standing water. Surface water must be diverted away from the operational area and must not be impounded over or in waste.
25. Leachate must be properly managed on site using best management practices.

*- End of Permit Conditions -*

