

North Carolina Department of Environmental Quality

Pat McCrory  
Governor

Donald van der Vaart  
Secretary

STATE OF NORTH CAROLINA  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
DIVISION OF WASTE MANAGEMENT  
SOLID WASTE SECTION

**LAND CLEARING AND INERT DEBRIS (LCID) LANDFILL  
PERMIT NO. 42A-LCID**

RIGHTMYER MACHINE RENTALS, INC (Owner and Operator)

is hereby issued a

**PERMIT TO CONSTRUCT AND OPERATE**

Roanoke Valley LCID Landfill

Located at 36.40303N and 77.59910W, off U.S. Highway 301 near the intersection with U.S. Highway 301 and State Road 1651. Entrance to the facility site is along the eastern side of U.S. Highway 301 and to the southeast of the town of Weldon, approximately 5 miles north of the city of Halifax, Halifax 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 No. 1 of this permit.

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

## ATTACHMENT 1

### PART I: PERMITTING HISTORY

Permit	Date
Date of Original Issue	August 14, 1990
Permit to Construct and Operate Five Year Amendment	December 28, 2009
Permit to Construct and Operate Five Year Amendment	August 17, 2015

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

1. Facility Permit Amendment Application Permit No. 42-a. September 25, 2007 and resubmission on February 18, 2009. Prepared by MS Consultants Inc., Sanford, North Carolina. [DIN: 6888]. Final Revision [DIN: 8583].
2. Zoning Approval Letter issued by the Town of Weldon, NC on May 22, 1990. [DIN: 6888]
3. Original DWM LCID Permit issued August 14, 1990. [DIN: 6888]
4. WM Facility Compliance Audit. February 15, 2007. [DIN: 1212]
5. Drawings – Roanoke Valley Land Clearance and Inert Debris Landfill, Weldon, North Carolina, January 2005. Prepared by MS Consultants Inc. for Rightmyer Machine Rentals, Inc., Roanoke Rapids, North Carolina. Six (6) sheets. [DIN: 8998]
6. 5-year Permit Renewal Application, December 8, 2014. Prepared by DM2 Engineering, PLLC. DIN 24595.
7. Technical review letter requesting additional information. March 12, 2015. DIN 23956.
8. Revised 5-year permit renewal application. May 27, 2015. Prepared by DM2 Engineering, PLLC. DIN 24596.

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

<b>Property</b>	<b>Book<sup>1</sup></b>	<b>Page</b>	<b>Acreage</b>	<b>Grantor</b>	<b>Grantee</b>
<b>Properties Included in Prior Facility Boundary</b>					
	1110	87	13.4	Charles G. & Mary E. Pierce	Rightmyer Machine Rentals, Inc.
<b>Total Site Acreage</b> in this and the Original Permit:			<b>11.55</b>	*1.85 acre tract which was closed as an unpermitted solid waste facility is not included in this permit. Only permitted area is denoted on the enclosed map (drawing sheet C-2).	

Notes: 1. Deed book references are from Halifax 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 shall expire on September 30, 2020. The Permit to Construct conditions are contained in Attachment 2 of this permit. The Permit to Operate shall expire September 30, 2020. 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 LCID permit issued December 28, 2009 was recorded July 13, 2010 on page 516-526 of Book 2318 at the Halifax 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

### PART I: FACILITY SPECIFIC CONDITIONS

1. Pursuant to the NC Solid Waste Management Rules (Rule) 15A NCAC 13B .0201(c) and (e), this permit approves continued operation of currently active Phase 2 and construction of future phases of the Roanoke Valley LCID. Any revisions to the approved Operation Plan must be approved by the North Carolina Solid Waste Section.
2. The landfill is permitted for a total gross capacity of 291,000 cubic yards. Gross capacity is the measured volume between the bottom of waste and the top of the final cover. Development of the landfill is approved as summarized below.

	LCID Acreage	2003 available capacity (cubic yards)	2105 filled capacity (cubic yards)	2015 available capacity (cubic yards)
Phase I	1.6	78,000	78,000	0
Phase II	3.5	57,000	10,000	47,000
Phase III	2.8	101,000	0	101,000
Phase IV	2.3	55,000	0	55,000
Totals	5	291,000	88,000	203,000

3. The following are required prior to receiving solid waste in a new phase:
  - a. Written certification from a Registered Professional Engineer must be submitted to the Section certifying that the phase(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 arrange for the site inspection and pre-operative meeting.

- e. After completion of the requirements in subparagraphs a. through d. 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.

#### **EROSION AND SEDIMENTATION CONTROL REQUIREMENTS**

4. 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.
5. 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.
6. 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.

*- End of Section -*

## ATTACHMENT 3

### CONDITIONS OF PERMIT TO OPERATE

#### PART I: FACILITY SPECIFIC CONDITIONS

1. This Permit to Operate expires September 30, 2020. Pursuant to 15A NCAC 13B .0201(g), no later than March 30, 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 and engineered drawings required by 15A NCAC 13B .0565(4) prepared by DM2 Engineering, PLLC.
3. This Permit to Operate authorizes the operation of the LCID Landfill when the Permittee has complied with the conditions specified in Attachment 2 (Conditions of Permit to Construct) of this permit. The LCID landfill has a total of 291,000 cubic yards of gross capacity in accordance with approved plan referenced in Attachment 1, Part II of this permit (List of Documents For the Approved Plan).
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, and concrete block; and asphalt in accordance with NCGS 130-294(m).
5. The facility has set a maximum disposal rate of 70,000 cubic yards per year (average of 275 cubic yards per day based on 253 operating days per year). The proposed facility boundary remains the same as in the original permit.
6. This facility is permitted to receive waste generated in the service area listed below in both states of Virginia and North Carolina. Proposed changes to the service area must be approved by the Section and will be considered a modification and subject to the appropriate permitting fee.

#### **North Carolina**

Halifax, Bertie, Hertford, Northampton, Warren, Vance, Granville, Franklin, Nash, Wilson, Edgecombe, Pitt, Martin, Chowan, and Gates.

#### **Virginia**

Suffolk, Southampton, Greenville, Brunswick, Mecklenburg, Lunenburg, Nottoway, Amelia, Chesterfield, Dinwiddie, Prince George, Sussex, Surry, and Ile of Wright.

7. The permanent markers that delineate the waste disposal boundary must be maintained.
8. Excavation, grading and fill material side slopes must not exceed a ratio of three horizontal feet to one vertical feet (3:1).
9. 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.
10. 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.
11. 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**

12. Solid waste must be covered with one foot of suitable soil cover at least once per month 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.
13. 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.
14. 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.
15. 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. 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**

16. 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.
17. Ground water quality at this facility is subject to the classification and remedial action provisions of 15 NCAC 2L.
18. Solid waste must be placed a minimum of four feet above the seasonal high water table.
19. 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.
20. Leachate must be properly managed on site using best management practices.

*-End of Permit Conditions-*