



Facility Permit No: 42-A  
Rightmyer Machine Rentals Inc Roanoke LCID Landfill  
Permit to Construct and Operate  
June 10, 2010  
Doc ID No. 10740  
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North Carolina Department of Environment and Natural Resources  
Division of Waste Management

Beverly Eaves Perdue  
Governor

Dexter R. Matthews  
Director

Dee Freeman  
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. 42-A**

RIGHTMYER MACHINE RENTALS, INC.

is hereby issued a

**PERMIT TO CONSTRUCT**

ROANOKE VALLEY SITE LCID LANDFILL

PHASES I THROUGH III, and

**PERMIT TO OPERATE**

ROANOKE VALLEY SITE LCID LANDFILL

PHASES I THROUGH III

IN ACCORDANCE WITH ATT. 2, PART I, CONDITION 3

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 7 miles southeast 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

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## ATTACHMENT 1

### PART I: PERMITTING HISTORY

Permit	Date
Date of Original Issue	August 14, 1990
Permit Expiration	August 13, 1995
<b>Permit Amendment (Phases I through III)</b>	<b>June 10, 2010</b>

### 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. *DWM 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]

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

Property	Book <sup>1</sup>	Page	Acreage	Grantor	Grantee
<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 June 10, 2015. The Permit to Construct conditions are found in Attachment 2 of this permit. The Permit to Operate shall expire June 10, 2015. The Permit to Operate conditions are found 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. This permit shall not be effective unless the certified copy is filed in the Register of Deeds Office and indexed in the grantor index under the name of the owner of the land in the county or counties in which the land is located. The certified copy of the permit, affixed with the Register's seal and the date, book, and page number of recording must be returned to the Division of Waste Management, within 30 (thirty) calendar days. If the Section does not receive the certified copy of the recorded permit within 30 calendar days of issuance of the permit, then and in that event, the permit is suspended and of no effect until the date the Section receives the certified copy of the recorded permit.
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 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. 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 solely 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 (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 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 construction of Phase I through Phase III of the Roanoke Valley Site LCID Landfill.
2. The landfill is permitted for a total gross capacity of 116,300 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	Status
		(cubic yards)	
<b>Phase I</b>	<b>2.20</b>	<b>41,600</b>	<b>Permitted</b>
<b>Phase II</b>	<b>1.80</b>	<b>42,900</b>	<b>Permitted</b>
<b>Phase III</b>	<b>1.50</b>	<b>31,800</b>	<b>Permitted</b>
<b>Totals</b>	<b>5.50</b>	<b>116,300</b>	<b>--</b>

3. The following are required prior to receiving solid waste in a new phase (Phase I through III):
  - a. A representative of the Section shall conduct a site inspection and pre-operative meeting. The permittee shall notify the Section's Environmental Senior Specialist and arrange for the site inspection and pre-operative meeting.
  - b. A sign shall be posted at the entrance as required by the NC Solid Waste Management Rules Operational Requirements, 15A NCAC 13B .0566(16).
  - c. A certification letter, from a Registered Professional Engineer (Design Engineer typically), shall be submitted to the Section stating that the phase(s) has been constructed in accordance with the approved plans.
  - d. Permanent markers must be installed and maintained to accurately delineate the disposal boundary.
  - e. The Section inspector shall notify the Permitting Branch Supervisor in writing, by letter or e-mail, that the phase(s) is acceptable and may commence accepting

waste. The owner/ operator will be copied on notification and may commence receiving waste at that time.

4. 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).

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

5. 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.
6. 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.
7. Modifications to the approved sedimentation and erosion control activities require approval by the North Carolina Land Quality Section. The Section must be notified of any sedimentation and erosion control plan modifications.

*- End of Section -*

## ATTACHMENT 3

### CONDITIONS OF PERMIT TO OPERATE

#### General Operation Requirements

1. The Permit to Operate shall expire June 10, 2015. Pursuant to 15A NCAC 13B .0201(g), no later than January 10, 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 Permit to Operate authorizes the continued operation of Phases I through III at the LCID Landfill, and when the Permittee has complied with the conditions contained in Attachment 2, operation of Phase I through Phase III of the LCID landfill. Phases I through III have a total of 116,300 cubic yards of gross capacity in accordance with the approved plan referenced in Attachment 1, Part II, of this permit.
3. The facility has set a maximum disposal rate of 70,000 cubic yards or 4,200 tons per year for the landfill (average of 275 cubic yards per day or 16.5 tons per day based on 253 operating days per year). The proposed facility boundary remains the same as in the original permit.
4. 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**

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

5. 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). 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. Revisions to the design or operation of the facility require written approval of the Section.
7. Amendments or revisions to the NC Solid Waste Management Rules or any violation of ground water standards may necessitate modification of the approved plans or closure of the facility.
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, 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**

10. Solid waste must be covered with one (1) foot of suitable soil cover at least once per month or when the active area reaches one (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.
11. 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.
12. 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, soil cover below ditches located on the landfill debris must be a minimum of two (2) feet thick.

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

13. 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.
14. Ground water quality at this facility is subject to the classification and remedial action provisions of 15 NCAC 2L.
15. Solid waste must be placed a minimum of four feet above the seasonal high water table.
16. 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.
17. Leachate must be properly managed on site through the use of best management practices.

*- End of Permit Conditions -*