



Permit No.: 25-I
Permit to Operate
Cieszko LCID Landfill
April 5, 2011
Document ID No. 13465
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North Carolina Department of Environment and Natural Resources

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Governor

Division of Waste Management
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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 25-I

CIESZKO CONSTRUCTION COMPANY, INC.

is hereby issued a

PERMIT TO OPERATE

CIESZKO LCID LANDFILL
PHASES 1, 1A, AND 2

Located off of NC Hwy 101, east of MCAS Cherry Point in Township 5 (Whitehall Mine), Craven 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

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ATTACHMENT 1

Part I: Permitting History

Permit Type	Date Issued	Document ID
25-E Cieszko Demolition Landfill	October 11, 1989	
25-G (Permit number change)	April 13, 1992	
25-G Closure (Cieszko Demolition Landfill)	April 26, 2005	
25-I Permit to Construct and Operate	May 8, 2006	222
25-I Permit Renewal No. 1	April 5, 2011	13465

The Permit to Construct and Operate was recorded in Craven County in Book 2461, Page 763 on May 31, 2006.

Part II: List of Documents for the Approved Plan

1. *Land Clearing and Inert Debris Landfill Site/Construction Application*. C.T. Clayton, Sr., P.E., Inc. December 2005. Revised through April 28, 2006.
2. *Cieszko LCID Landfill, Craven County, NC: Site and Construction Plan Application. Plan Sheets 1-6*. C.T. Clayton, Sr., P.E., Inc. December 15, 2005.
3. *Application for Renewal Request, Cieszko LCID Landfill, SWS Permit No. 25-I*. March 7, 2011. Revised through March 23, 2011. DIN 13217

Part III: Properties Approved for the Solid Waste Facility

Craven County, NC Register of Deeds				
Book	Page	Grantee	Grantor	Acres
960	788	Whitehall Enterprises, Inc.	Cieszko Construction Company, Inc.	33.52
2005	350	Donald E. Shepherd and Wife, Louise L. Shepherd, and Roberta A. Pierce and spouse, Glenn Connell	Cieszko Construction Company, Inc.	7.23
Total Acreage				40.75

The LCID occupies approximately 16.0 acres on the combined properties.

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 Operate shall expire May 8, 2016. 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. (Intentionally blank)
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 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
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.

- End of Section -

ATTACHMENT 2
Conditions of Permit to Construct

(Not Applicable)

ATTACHMENT 3

Conditions of Permit to Operate

Facility Specific Conditions

1. This Permit to Operate expires on May 8, 2016. Pursuant to 15A NCAC 13B .0201(g), no later than February 8, 2016, the owner must submit a request to the Section for permit review and must submit updated facility plans meeting the requirements of Rules .0565 and .0566 for continued operation of the facility.
2. The 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. Pursuant to 15A NCAC 13B .0201(c) and (e), this permit approved the continued operation of Phases 1, 1A, and 2 of the Cieszko LCID Landfill.
4. The facility has an average disposal rate of 11,853 cubic yards per year.
5. The landfill is permitted for a total gross capacity of 273,109 cubic yards. Gross capacity is the volume between the bottom of waste and the top of the final cover. Operating capacity is the volume between the bottom of waste and the bottom of the final cover. The landfill operating capacity is approximately 242,085 cubic yards. The estimate volume used was 54,523 cubic yards in January 2011 for a remaining operating capacity of 187,562 cubic yards. The remaining life of the landfill is estimated at 15.8 years.
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). Wooden pallets as defined in NCGS Article 9, Chapter 130A-290 (44a) are not permitted for disposal.
7. The permanent markers that accurately identify the waste disposal boundary must be maintained.
8. Fill operations must be contained within the approved elevation contours as shown on the approved application drawings. 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 the emergency response activities with results, and a

description of mitigation measure 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 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. Amendment or revisions to the NC General Statutes or to the NC Solid Waste Management Rules or any violation of ground waste standard may necessitate modification of the approved design or operation plans, waste acceptance requirement, or may require closure of the facility.

Cover Material Requirements

12. 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.
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 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 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.

Drainage Control and Water Protection Requirements

16. All sedimentation and erosion control 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. 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.
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 -