



Facility Permit No: 0107-LCID-2014
Key Properties LCID Landfill
Permit to Construct and Operate
April 24, 2014
Doc ID No. 20895
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North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
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. 0107-LCID-2014**

KEY PROPERTIES

is hereby issued a

PERMIT TO OPERATE

**LANDCLEARING AND INERT DEBRIS LANDFILL
AND PROCESSING FACILITY**

Located at 2380 Sandy Cross Road, Burlington, Pleasant Grove Township, Alamance 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.

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

ATTACHMENT 1

PART I: PERMITTING HISTORY

Permit	Date
Original Issue Permit to Construct and Operate [DIN 20895]	April 24, 2014

PART II: LIST OF DOCUMENTS FOR THE APPROVED PLAN

1. *Key Properties Landfill*. Prepared by: L.E.A.D.S. Group, PA, 505 East Davis Street, Burlington, NC 27215. October 15, 2013 [DIN 20775 and 20776]. Revised March 24, 2014. [DIN 20778]

PART III: PROPERTIES APPROVED FOR THE SOLID WASTE FACILITY

Alamance County, N.C., Register of Deeds					
Book	Page	PIN	Grantor	Grantee	Acres
2035	209	155212	Maness, Roger Q and Maness, Priscilla C	Hanover Road Properies Inc. [sic]	18.34
2035	209	170356	Maness, Roger Q and Maness, Priscilla C	Hanover Road Properies Inc. [sic]	29.07
Total Site Acreage:					47.41

Note: Deed book reference is from Alamance 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.
 - a. The Permit to Construct shall expire at the close of business October 24, 2015. The Permit to Construct conditions are contained in Attachment 2 of this permit.
 - b. The Permit to Operate shall expire at the close of business April 24, 2019. 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. 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 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 construction of the Key Properties LCID Landfill.
2. The landfill is permitted for an additional gross capacity of approximately 533,000 cubic yards within approximately 13.88 acres. Approximately 62,000 cubic yards of LCID material is disposed within the existing 2-acre LCID notification fill area. The table below summarizes the fill areas as shown in the Operation Plan listed in Attachment 1 Approved Documents.

Area	Cubic Yards	Acreage	Status
Existing 2-Acre Notification Fill	62,000	1.99	Existing
North Cell	200,000	5.70	Approved for Construction
South Cell	333,000	6.19	Approved for Construction
Totals	595,000	13.88	--

Gross capacity is the measured volume between the bottom of waste and the top of final cover. Development of the landfill is approved in accordance with the design documents contained in Attachment 1 Part II.

3. The following are required prior to receiving approved land-clearing and inert debris waste in the approved and newly constructed disposal area:
 - a. Written certification from a Registered Professional Engineer must be submitted to the Section certifying that the waste disposal unit(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, grinding and stockpile boundaries 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 make arrangements for the site inspection and pre-operative meeting.

- e. After completion of the requirements in subparagraphs b. through d. above, the Section Environmental Senior Specialist will 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 the close of business April 24, 2019. Pursuant to 15A NCAC 13B .0201(g), no later than October 24, 2018, 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 N.C. 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 operation of a Land-clearing and Inert Debris Landfill when the Permittee has complied with the conditions contained in Attachment 2 of this permit.
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 is permitted to grind LCID waste and stockpile the resulting processed wood chips within the LCID landfill facility, and for improvement of existing service and entrance roads.
 - a. LCID must not be stockpiled for greater than 6 months and is restricted to less than 1 acre in size and 10 feet in height.
 - b. Processed wood chips must not be stockpiled for greater than 3 months and is restricted to less than 1 acre in size and 10 feet in height.
 - c. Permissible grinding and storage areas include the existing area near the facility office and within the approved landfill footprint above the ground water table.
6. This facility is permitted to receive LCID waste generated within Alamance, Caswell, Chatham, Durham, Forsythe, Guilford, Orange, Person, Randolph, Rockingham and Wake Counties. Proposed changes to the service area must be submitted to the Section for review prior to any changes in accordance with Condition No. 10 of this Attachment
7. Permanent markers that accurately delineate the waste disposal, grinding and stockpile boundaries must be maintained in accurate position.

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 1-foot of suitable soil cover at least once per month or when the active disposal 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 (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 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 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 -

I do hereby certify that the attached PERMIT TO CONSTRUCT AND OPERATE is an exact and true original of PERMIT NUMBER 0107-LCID-2014 for the Key Properties LCID Landfill Facility.

Geoffrey H. Little
Environmental Engineer
Permitting Branch
Solid Waste Section
Division of Waste Management

STATE OF NORTH CAROLINA

COUNTY OF _____

I, _____, A Notary Public for said County and State, do hereby certify that _____ personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 20_____.

[OFFICIAL SEAL]

Notary Public

My commission expires: _____

Note to Register of Deeds: This certified original permit shall be recorded by the Register of Deeds and indexed in the grantor index under the name of the land owner. The certified original affixed with the Register's seal and the date, book, and page number of recording shall be returned to the Permitting Branch Supervisor, Division of Waste Management, Solid Waste Section, 1646 Mail Service Center, Raleigh, NC 27699-1646.

NOTE: THE SPACE ABOVE IS FOR THE REGISTER OF DEEDS USE
 THIS PAGE IS PROVIDED FOR RECORDATION PURPOSES. THE ENTIRE DOCUMENT,
 INCLUDING THIS PAGE, SHOULD BE RECORDED IN THE GRANTOR INDEX UNDER
 THE NAME OF THE LANDOWNER FOR THE PARCEL OF PROPERTY LOCATED IN
ALAMANCE COUNTY AND SAID PROPERTY BEING OWNED BY HANOVER ROAD
PROPERIES [SIC] INC. AND OPERATING THE KEY PROPERTIES INERT DEBRIS
 LANDFILL FACILITY FURTHER IDENTIFIED BY THE DEED RECORDED AS
 IDENTIFIED IN THE ALAMANCE COUNTY REGISTER OF DEEDS AS FOLLOWS:

Alamance County, N.C., Register of Deeds					
Book	Page	PIN	Grantor	Grantee	Acres
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Total Site Acreage:					47.41

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THE PURPOSE OF THIS RECORDATION IS TO NOTIFY FUTURE BUYERS OF SAID
 PROPERTY THAT A LANDFILL EXISTS ON THE PROPERTY.