Permit No.	Date	Document ID No.
23-02	**October 3, 2008**	**5947**

NCDENR

North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director | Division of Waste Management | Michael F. Easley, Governor
William G. Ross Jr., Secretary

FACILITY PERMIT NO: 23-02
Closure of INDUSTRIAL LANDFILL Unit
Date: 26 September, 2005

STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT
1646 MAIL SERVICE CENTER; RALEIGH, N.C. 27699-1646

INDUSTRIAL SOLID WASTE LANDFILL FACILITY

Republic Services of North Carolina, LLC, LANDOWNER

is hereby issued a

LETTER OF CLOSURE

for the JMN Landfill
UNLINED INDUSTRIAL LANDFILL UNIT
located on property recorded in # DEED BOOK: 14H PAGE: 701

located at 346 Roseborough Road in **Grover, 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 letter of closure.

James C. Coffey
James C. Coffey
Section Chief
Solid Waste Section
Division of Waste Management

1646 Mail Service Center, Raleigh, North Carolina 27699-1646
Phone 919-733-4996 \ FAX 919-715-3605 \ Internet http://wastenotnc.org
An Equal Opportunity / Affirmative Action Employer – Printed on Dual Purpose Recycled Paper

POST CLOSURE CONDITIONS

1. **MANAGEMENT OF LANDFILL GAS:** The owner and/or operator shall take the measures necessary to ensure that the closed site shall continue to meet the design standards for landfill gas found in Rule .0503(2)(a).

2. **MANAGEMENT OF SURFACE WATER:** The owner and/or operator shall take the measures necessary to ensure that the closed site shall meet the requirements of Rule .0503(2)(c). In addition, the landfill unit shall be maintained such that surface water runoff occurs in a controlled manner, and surface water shall not be impounded over waste.

3. **AIR QUALITY:** The owner/operator shall ensure that landfill units do not violate any applicable requirements developed under a State Implementation Plan approved or promulgated by the U.S. EPA Administrator pursuant to Section 110 of the Clean Air Act, as amended.

4. **FINAL COVER SYSTEM:** The integrity and effectiveness of the final cover system and any permanent erosion control devices must be maintained. This could include making repairs to the cover as necessary to correct the effects of settlement, subsidence, erosion, or other events.

5. **PROPOSED USES**: The owner/operator shall submit a proposal for the Section's review and approval addressing post closures uses of the facility. Proposed post closure uses shall not violate any post closure conditions found in this letter. In particular, plans for post closure uses shall avoid possibilities for the entrapment of methane gas. Routine landfill gas monitoring within structures and at the facility boundary may not be sufficient to detect potentially dangerous situations.

6. **ONGOING SOLID WASTE MANAGEMENT ACTIVITIES:** Continuing solid waste management activities shall not violate any post closure conditions found in this letter, and must meet any other applicable requirements.

7. **RECORDATION:** The owner/operator shall ensure that the recordation requirements for land disposal sites found in Rule .0204 are met. Following closure of the unlined Industrial Landfill unit, the owner or operator shall record a notation on the deed to the landfill facility property, or some other instrument that is normally examined during title search, and notify the Division that the notation has been recorded and a copy has been placed in the operating record.

The notation on the deed shall in perpetuity notify any potential purchaser of the property that:

(a) The property has a unlined landfill unit; and
(b) Its use is restricted under the closure plan approved by the Division.

The attached certified copy of the closure letter shall be recorded by the Register of Deeds and indexed in the grantor index under the name of the landowner. The certified copy affixed with the Register's seal and the date, book, and page number of the recording shall be returned to the Solid Waste Section.

8. **WATER QUALITY MONITORING AND REPORTING REQUIREMENTS:**

a. Groundwater quality at this facility is subject to the "Classification and Water Quality Standards Applicable to the Groundwater's of North Carolina," 15A NCAC 2L. This includes, but is not limited to, the provisions for detection monitoring, assessment, and corrective action.

b. The permittee shall sample the detection monitoring wells and surface water sampling location(s) at a minimum on a semi-annual basis.

c. Water quality detection monitoring shall continue for a minimum of five years from the date of the engineer's certification, indicating that the facility is closed. After five years the Sections will determine if further monitoring is to be required.

d. Sampling equipment and methods shall conform to specifications in Attachment 1, "North Carolina Water Quality Monitoring Guidance Document for Solid Waste Facilities." The sampling parameters and methods shall be those found in Attachment 2, "Sampling and Analysis Requirements for Construction and Demolition Landfills and Closed Sanitary Landfills", or an alternate list of sampling parameters as approved by the Solid Waste Section.

e. The permittee shall maintain a record of all monitoring events and analytical data. Reports of the sampling events and analytical data shall be submitted to the Section in a timely manner.

CERTIFIED COPY OF CLOSURE LETTER

I do hereby certify that the attached CLOSURE LETTER is an exact and true copy of the closure letter for the JMN Landfill, Unlined Landfill Unit, Permit Number 23-02.

James C Coffey
James C. Coffey
Section Chief
Solid Waste Section
Division of Waste Management

Wake County, North Carolina

I, Betty Jo Stanfield, Notary Public for said County and State, do hereby certify that James C. Coffey, of the Solid Waste Section, personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal,

this the 4 day of October, 2005

Betty Jo Stanfield
OFFICIAL SEAL
NOTARY
* * *
PUBLIC
Wake County, NC

Betty Jo Stanfield
NOTARY PUBLIC

My commission expires December 29, ~~2005~~ 2009

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