



DEPARTMENT OF PUBLIC WORKS

April 27, 2009

Fac/Perm/Co ID #	Date	Doc ID#
33G	5/19/09	DIN 7449



Mr. Ed Mussler, P.E.
NCDENR - Division of Waste Management
1646 Mail Service Center
Raleigh, NC 27699-1646

Re: Renewal of Permit 33G – Rocky Mount LCID Landfill

Dear Mr. Mussler,

Please find enclosed the information requested by NCDENR in order to comply with the Facility Compliance Audit Report issued on 3/19/09 by Mr. Ben Barnes for the City of Rocky Mount LCID Landfill. Enclosed items include:

1. Updated Operations Plan in accordance with 15A NCAC 13G .0566
2. Drawings showing the existing landfilled areas and that anticipated in April 2013

Assuming these items address those deficiencies outlined in the aforementioned audit report, the City of Rocky Mount is requesting renewal of the permit for the LCID (Permit 33G) through April 2013. In the interim, should you require any additional information, please advise.

Sincerely,

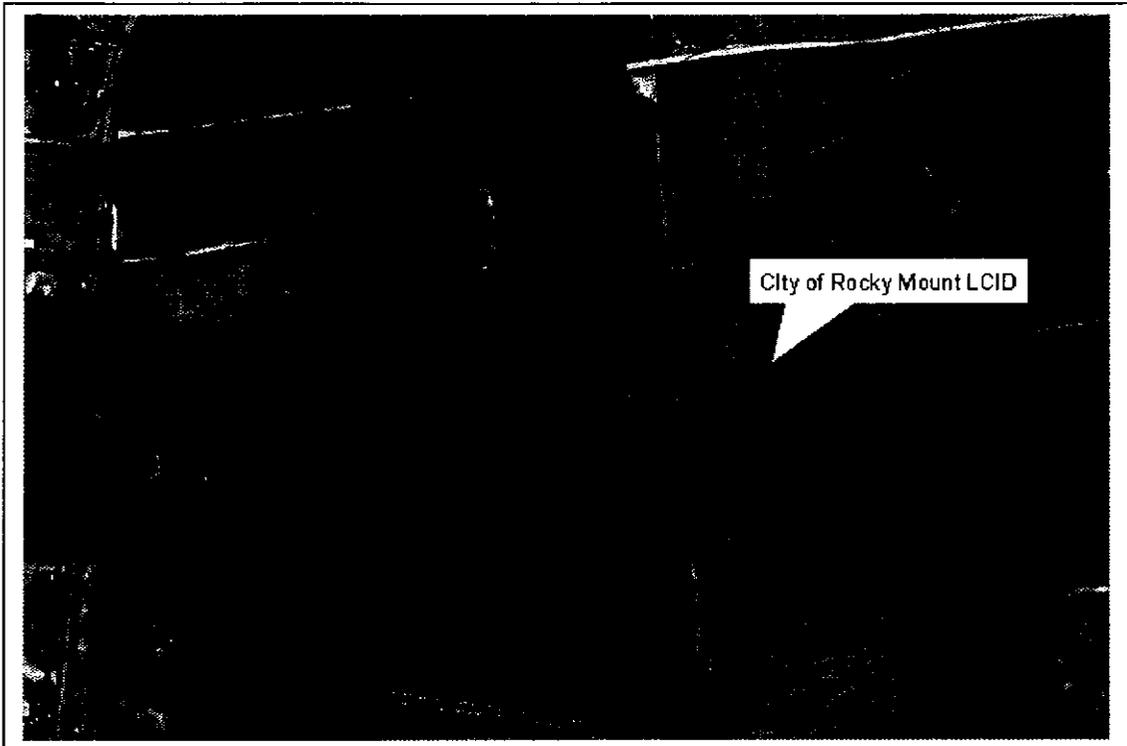
A handwritten signature in black ink, appearing to read 'Jonathan L. Boone'.

Jonathan L. Boone
Director of Public Works
City of Rocky Mount

Enclosures (2)

- c Ben Barnes – NCDENR Environmental Senior Specialist
Ed White – Streets/Stormwater Superintendent

OPERATIONAL PLAN



**CITY OF ROCKY MOUNT
LAND CLEARING AND INERT DEBRIS
(LCID) LANDFILL
PERMIT # 33G**

April 23, 2009

Facility Name and Address

City of Rocky Mount Land Clearing and Inert Debris Landfill (Phase VII)
3873 Old Battleboro Road
Rocky Mount, NC 27801

GPS Coordinates

N 35.99492 E 77.75092

Facility Contacts

Jonathan L. Boone, P.E.
Director of Public Works
City of Rocky Mount
331 South Franklin Street
Rocky Mount, NC 27804
(p) 252-972-1299
(f) 252-972-1173

Ed White
Street/Stormwater Superintendent
City of Rocky Mount
208 East Grand Avenue
Rocky Mount, NC 27801
(p) 252-467-4907
(f) 252-467-4905

Project Background

The Rocky Mount LCID Landfill was developed in order to provide for a single location to dispose of inert debris generated by city forces during the course of their duties. In addition to consolidating this material in one location, the LCID landfill was envisioned as a way to provide more oversight and control over the disposal of such waste and a mechanism by which to insure that disposal of such material was handled in a manner consistent with regulations promulgated by the State of North Carolina and administered by NCDENR.

While the landfill was designed in such a way as to provide a long term solution for the disposal of such waste by the City, it is the intent of the City to be judicious in its use in order to extend the service life of the facility and to divert waste that could be disposed of in a more cost effective manner from reaching the LCID (e.g. vegetative debris that could be processed at the Arrow Road compost site).

The permit to construct the LCID was issued on April 15, 2003 and the permit to operate the facility was issued on April 25, 2005. The facility was designed to be built out across seven (7) individual phases, providing a total disposal capacity of over 940,000 cubic yards. At present the City is operating in Phase VII which provides an estimated disposal capacity of 153,342 cubic yards. At current disposal rates, it is estimated that Phase VII will provide adequate disposal capacity for the City between now and the year 2030.

Material Accepted

Material accepted at the LCID will be as defined in 15A NCAC 13B 0560-0565. In addition to the guidance provided therein, the City of Rocky Mount and its operational Divisions will comply with guidance provided by NCDENR dated May 1, 1997 and incorporated into this document for reference as Attachment A.

In general, acceptable material would include land clearing waste, concrete, asphalt, brick, concrete block, uncontaminated soil, gravel, rock, untreated and unpainted wood, and yard trash. Yard trash would include yard maintenance items such as grass, tree limbs, and similar material. Unacceptable material for disposal at the LCID would include trash (paper or plastic), pipe, plywood, particle board, treated lumber, painted materials, siding of any type, shingles, furniture, buckets, roofing material, and metal.

Operational Parameters

Operational parameters for Phase VII of the LCID will be as follows:

- In general, the facility will be open Monday through Friday from 7:30 a.m. until 6:00 p.m.
- The LCID will not be made available or accept waste from the public. Access to the facility is limited to City of Rocky Mount personnel or their agents disposing of waste generated in the course of carrying out their duties on behalf of the City.
- Access will be from Old Battleboro Road and controlled by means of a steel gate. Signs will be maintained at the entrance providing the contact name and number in case of an emergency and the permit number for the facility (33G).
- A secondary gate will be maintained at the point of access to Phase VII and signs posted to advise users of acceptable and unacceptable waste for disposal at the LCID.
- Routine drive by inspections will be conducted by WWTP personnel. Any violation of the disposal guidelines noted during these routine inspections will be relayed to the Department of Public Works for follow up.
- At a minimum, the Streets/Stormwater Division will insure that adequate soil cover is applied monthly for debris placed at the site or when the active area reaches one acre in size, whichever occurs first.
- Open burning of solid waste is prohibited.
- Addition of beneficial fill necessary to expand the disposal area within the Phase VII limits will be introduced as the footprint of the disposal area necessitates expansion.
- Within 1 to 2 years of the buildout of Phase VII, the City of Rocky Mount will pursue the permit(s) necessary to open the next phase of the LCID.

Leachate and Stormwater Quality

- To the degree possible, surface water will be diverted from the LCID via the use of perimeter diversion swales.
- The WWTP will maintain a rain gauge for the LCID.
- Adequate erosion control measures will be maintained on site to prevent silt from leaving the site and to prevent excessive erosion.
- Stormwater control features will be inspected on a weekly basis and within 24 hours of a ½" rainfall event. Said inspection will include recording a qualitative judgement of the clarity, floating solids, suspended solids, oil sheen, and other obvious factors indicative of stormwater quality.

Other

WWTP personnel will conduct an annual methane check for the LCID

Emergency Contingency Plan

Edgecombe County and the City of Rocky Mount Fire Departments will respond to any emergencies associated with operation of the LCID. Circumstances requiring emergency response will be reported by staff or the general public through the use of 911 or based on contact information maintained at the entrance to the LCID.