



North Carolina Department of Environment and Natural Resources
Division of Waste Management

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

FACT SHEET
SOLID WASTE PERMIT NUMBER 6709-MSWLF-1997

FACILITY: Onslow County Subtitle D Municipal Solid Wastes Landfill
COUNTY: Onslow
CITY: Jacksonville, North Carolina
OWNER/OPERATOR: Onslow County
415 Meadowview Road
Jacksonville, NC 28540

DESCRIPTION

Onslow County (the County) has applied for an expansion of the Onslow County Subtitle D Municipal Solid Wastes Landfill (MSWLF) Unit inside the landfill property, which contains one lined (Subtitle D) MSWLF unit (Permit No. 6709-MSWLF-1997), two closed unlined sanitary landfill units (Permit No. 6705-MSWLF-1984), a land clearing and inert debris landfill unit (Permit No. 6705-LCID-1991), other solid waste management facilities (SWMF), and a renewable energy project facility.

The County owns and operates the Onslow County Subtitle D MSWLF Unit. The approved 862-acre landfill property is located on 415 Meadowview Road. This MSWLF Unit encompasses an approximately 55-acre waste footprint and has an approved gross capacity of approximately 4,357,173 cubic yards (CY) which is divided into four 5-year phases – Phase 1 through Phase 4. Phases 1 through 3 have been constructed and received approved wastes for disposal. Phases 1 and 2 are inactive. The side-sloped-areas of Phase 1, approximately 12 acres, have been constructed with the final cover system and permanently closed. Phase 3 is active for waste disposal with a remaining life of service of approximately 1.5 years as of April 2014. The County has applied for a Permit to Construct Phase 4 at the Onslow County Subtitle D MSWLF Unit which encompasses an approximately 9.5-acre disposal area and has approximately 1,013,210 CY of gross capacity measuring from the top of the protective cover to the top of intermediate cover of the landfill over a 5-year planning period.

According to the North Carolina General Statutes 130A-294(b1) and the North Carolina Solid Waste Management Rules (Rule) 15A NCAC 13B .1617(a) & 1618, the County submitted a permit application for an approval of the following requests described in the new facility plan:

1. Expanding the waste footprint of the Subtitle D MSWLF to 86.2 acres.
2. Increasing total gross capacity of the Subtitle D MSWLF to 9,925,630 CY with a final fill elevation up to 262 feet above mean sea level and 4 (horizontal) to 1 (vertical) side slopes. The landfill will be developed by nine (9) 5-year phases – Phase 1 through Phase 9 (including the existing Phases 1 through 3 and to-be-constructed Phase 4).

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3. Extending the life expectancy of the landfill to approximately 25.6 year which is based on a two percent (2%) yearly increase in disposed tonnage rate of 18,838 tons per month starting the year of 2015. If waste receipts are less, the landfill service life could last longer.

No changes are proposed at this time to increase the annual waste acceptance rate (tons per year) or service area.

In the Site Suitability Letter dated May 16, 2014 (DIN 20656), the Division of Waste Management (Division) determined that the approximately 32-acre area proposed for new landfill expansion was suitable for development as a solid waste management facility under the conditions established in that letter and described in the Site Study Report (DIN 20654, 20655, & 21003).

The Onslow County Subtitle D MSWLF Unit is permitted to dispose of household, industrial, and commercial solid waste generated from Onslow County including 100 tons per month of commissary wastes from Camp Lejeune Marine Corps Base. Hazardous wastes or other banned wastes such as liquid waste, medical waste, radioactive waste, PCB wastes, yard trash, white goods, wooden pallets, recyclable rigid plastic containers, computer equipment and televisions are not approved for disposal at this landfill facility.

The Division has determined that the proposed facility plan, engineering plan, construction quality assurance plan, operations plan, closure and post-closure plan, environmental monitoring plans, and the documentation of public meetings and local government approval satisfy the requirements of the Solid Waste Management Rules as codified in 15A NCAC 13B .1601 et seq. The Division has prepared Draft Solid Waste Permit 6709-MSWLF-1997 for:

1. Allowing the County to continue operating the existing landfill Phases 1 through 3.
2. Approving the County to expand landfill disposal boundary according to the new facility plan.
3. Allowing the County to construct the expansion area – Phase 4.

This draft permit is now available for public review and comment.

PERMIT STRUCTURE

The permit is divided into two parts, the Permit to Construct and the Permit to Operate. For the Onslow County Subtitle D MSWLF the Permit to Construct approves the above described landfill Phase 4 lateral expansion. The Permit to Operate is issued for a 5-year operation of the existing landfill units, Phase 4 and other SWMFs. The permit includes a list of approved documents and specific conditions for the construction and operation of the landfill units and other specific waste management areas and for the implementation of the environmental media monitoring, the closure activities, and the post-closure cares including land use of the closed landfill units.

PUBLIC COMMENT PERIOD

North Carolina Solid Waste Management Rules require that the public be given an opportunity to comment on a draft permit for a municipal solid waste management facility. This 45-day comment period begins on **July 18, 2015, and ends on September 1, 2015**. The draft permit is available for

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review by appointment from 9 AM to 4 PM, Monday-Friday, at the Division of Waste Management, at the building address shown below or on line at “Public Notice” tab of the Solid Waste Section web site at <http://portal.ncdenr.org/web/wm/sw>. All data submitted by the applicant is available as part of the administrative record. Persons who wish to comment on the proposed permit conditions or to object to the permit issuance should submit their comments in writing by 5:00 PM, **September 1, 2015**. Comments should be sent to the mailing address shown below and include the permit number. All comments received within the 45-day period will be considered in making the final determinations regarding the permit. A final permit decision and response to comments will be prepared soon after the conclusion of the comment period.

PUBLIC HEARING

Public meetings have been previously conducted by the County in accordance with the Rule to address the construction of planned landfill expansion and the continued operation of the Onslow County Subtitle D MSWLF Unit. The Division believes the pertinent issues involved in the permit decision were addressed in the meeting and does not plan to conduct a public hearing. A request for a public hearing may be made during the public comment period by submitting a written request stating the nature of the issues proposed to be raised in the hearing. Requests must be received by 5:00 PM, **September 1, 2015**. The Division may hold a public hearing if there is a significant degree of public interest.

NOTIFICATION

Persons interested in receiving notification of the final permit decision should make their request known in writing to the division contact listed below.

DIVISION CONTACT

North Carolina Division of Waste Management
Solid Waste Section
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1646 Mail Service Center, Raleigh, North Carolina 27699-1646
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