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FACT SHEET SOLID WASTE PERMIT NUMBER 1812-INDUS-2008

FACILITY: Duke Energy, Marshall Steam Station, Industrial Landfill #1
COUNTY: Catawba
CITY: Terrell, North Carolina
DIN #: 25356
OWNER & OPERATOR: Duke Energy Carolinas, LLC

DESCRIPTION

Duke Energy Carolinas, LLC owns and operates the Marshall Steam Station (Facility), electrical power generating facility, located (911 address) at 8320 East North Carolina Highway 150 in Terrell, North Carolina and includes a total area of approximately 1,370 acres. The Facility has within its boundaries three (3) industrial solid waste landfills, including;

- Permit Number 1804-INDUS-1983 – which has been closed since 2009,
- Permit Number 1809-INDUS – which ceased receiving waste in 2015,
- and Permit Number 1812-INDUS-2008 – for which Duke Energy is requesting the permit renewal for both new construction and continued operation.

Industrial landfill Permit Number 1812-INDUS-2008 is currently permitted to receive industrial solid wastes, including coal combustion residuals, asbestos, construction and demolition debris, land clearing and inert debris, coal mill rejects, waste limestone material and remediation wastes. The industrial landfill covers approximately 103 acres and is currently permitted to include five (5) phases made up of thirteen (13) cells with a total disposal capacity of approximately 18 million cubic yards. Phases 1, Cells 1 and 2 are currently active (receiving waste). Duke Energy is requesting a permit to construct Phase 1, Cells 3 and 4. Phases 2 through 5 are proposed for future construction.

Duke Energy submitted a permit amendment application on Sept. 8, 2015. The application requested a permit to construct Phase 1, Cells 3 and 4 and the continued operation of Phase 1, Cells 1 and 2. The facility is currently approved for MSW landfill post-settlement surface slopes of 4 to 1 horizontal to vertical. The Division of Waste Management has determined that the application satisfied the requirements of North Carolina Administrative Code 15A NCAC 13B .0503 through .0505. A draft permit has been prepared for public review.



PERMIT STRUCTURE

The permit is divided into two parts, the Permit to Construct and the Permit to Operate. The permit includes a list of approved documents and specific conditions for the construction, operation and monitoring of the landfills. The Permit to Operate will be issued for a ten (10) year increment of operation. Specific conditions are included for the implementation, operation and assessment of the groundwater Corrective Action Plan and post-closure care associated with the closed, industrial solid waste landfill.

PUBLIC COMMENT PERIOD

North Carolina general Statute (NCGS) 130A-309.203 Coal Ash Management Act of 2014 requires the permitting process for this activity provide for public review of, and input to, permit documents containing the applicable design and operating conditions and shall provide for consideration of comments received and notification to the public of the final permit design. The 60-day comment period begins on Dec. 30, 2015 and ends on Feb. 27, 2016 (*60 days later*), at 5 p.m. Persons wishing to comment on the draft permit or to object to the permit issuance should submit their comments in writing by 5 p.m. Feb. 27, 2016. Comments should be sent to the division contact address shown below and include the permit number. All comments received within the 60-day period will be considered in making the final determination regarding the permit.

The application and draft permit are available for review by appointment from 9 a.m. to 4 p.m., Monday through Friday, at the Department of Environment Quality, 217 West Jones St., Raleigh, N.C. 27603. The administrative record including the application, fact sheet and draft permit can be found online at <http://portal.ncdenr.org/web/guest/marshall-steam-station>.

PUBLIC HEARING

A public hearing has been scheduled for 6:30 p.m. Jan. 28, 2016 at The Charles Mack Citizen Center, 215 North Main St., Mooresville, N.C. 28115. Interested parties may submit oral or written statements and data concerning the proposed facility permit. Persons wishing to speak may register at the hearing. Speaking times will be allotted per speaker as time allows. Interested parties may submit written statements and data concerning the proposed changes to the facility permit to the division contact at the address shown below.

NOTIFICATION

Persons who want to receive notice of the final permit decision should register with the division contact.

DIVISION CONTACT

Comments and requests for additional information should be sent to:

Mr. Ed Mussler
North Carolina Division of Waste Management
Solid Waste Section

Duke Energy, Marshall Steam Station Industrial Landfill Fact Sheet
Permit No. 18012-INDUS-2008
DIN 25356

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