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Acting Director

**FACT SHEET, FINAL
SOLID WASTE PERMIT NUMBER 1812-INDUS-2008**

FACILITY: Duke Energy, Marshall Steam Station, Industrial Landfill #1
COUNTY: Catawba
CITY: Terrell, North Carolina
DIN #: 25688
**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. Phase 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 September 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 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 was 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 is issued for a ten (10) year

increment of operation. Specific conditions are included for the implementation and operation of the industrial solid waste landfill.

PUBLIC COMMENT PERIOD

North Carolina General Statute (NCGS) 130A-309.203 Coal Ash Management Act of 2014 required the permitting process for this activity to provide for public review of, and input to, permit documents containing the applicable design and operating conditions and provide for consideration of comments received and notification to the public of the final permit design. The 60-day comment period began on December 30, 2015 and ended on February 27, 2016, at 5 p.m. Persons wishing to comment on the draft permit or to object to the permit issuance should have submitted their comments in writing by 5 p.m., February 27, 2016. Comments should have been sent to the division contact address shown below and included the permit number. All comments received within the 60-day period were considered in making the final determination regarding the permit.

The application and draft permit were 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 were made available online at <http://portal.ncdenr.org/web/guest/marshall-steam-station>.

PUBLIC HEARING

A public hearing was scheduled for January 28, 2016 at 6:30 p.m. and held at The Charles Mack Citizen Center, 215 North Main St., Mooresville, N.C. 28115. Interested parties were encouraged to submit oral or written statements, and data concerning the proposed facility permit. Persons who wished to speak were registered at the hearing. Speaking times were allotted per speaker as time allowed. And interested parties were encouraged to submit written statements and data concerning the proposed facility permit to the division contact at the address shown below.

RESPONSE TO COMMENTS

The division received one verbal comment on the location of the landfill, and no written or verbal comments regarding the application or the proposed facility permit.

NOTIFICATION OF FINAL PERMIT ACTION

On March 2, 2016, the Division of Waste Management issued Solid Waste Permit No. 1812-INDUS-2008, Permit to Construct and Permit to Operate (DIN 25335), for the Duke Energy, Marshall Steam Station, Industrial Landfill No. 1. The division determined the application did not meet any of the reasons for denial found in the Solid Waste Management Statutes [NCGS 130A-294(h)]. In addition, the proposed operations plan, and the documentation of public hearing satisfied the requirements of North Carolina General Statute (NCGS) 130A-309.203 Coal Ash Management Act of 2014.

Permit No. 18012-INDUS-2008
March 2, 2016
DIN 25688
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DIVISION CONTACT

Comments and requests for additional information should be sent to:

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