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March 21, 2016

North Carolina Department of Environmental Quality
Division of Waste Management
Solid Waste Section
1646 Mail Service Center
Raleigh, North Carolina 27699-1649

Attn: Ms. Elizabeth Werner

Re: Duke Energy Carolinas – Marshall Steam Station
Permit No. INDUS-1804
Catawba County
Drilling Request

Dear Ms. Werner,

Duke Energy Carolinas (DEC), Marshall Steam Station, requests concurrence from North Carolina Department of Environmental Quality (NCDEQ) Division of Waste Management (Division) for drilling at the Dry Ash Landfill Phase I (Permit No. INDUS-1804). This drilling request is in effort to satisfy USEPA Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals From Electric Utilities (USEPA CCR) 40CFR Part 257.91. Currently, ten (10) wells are intended to be installed in the approximate locations shown on the attached drawing titled "Marshall Proposed CCR Monitoring Wells Adjacent to Dry Ash Landfill Phase I February 2016". Upon completion of monitoring well installation, Duke Energy will submit a well installation completion package to the Division noting actual well locations and depths including drilling logs. The proposed CCR wells in close proximity to the Dry Ash Landfill are intended to monitor the ash basin and not the landfill, therefore Duke Energy does not intend to submit the CCR ash basin annual report to the Division, it will be available upon request.

This request is being submitted electronically. Please let me know if you would like to receive paper copies.

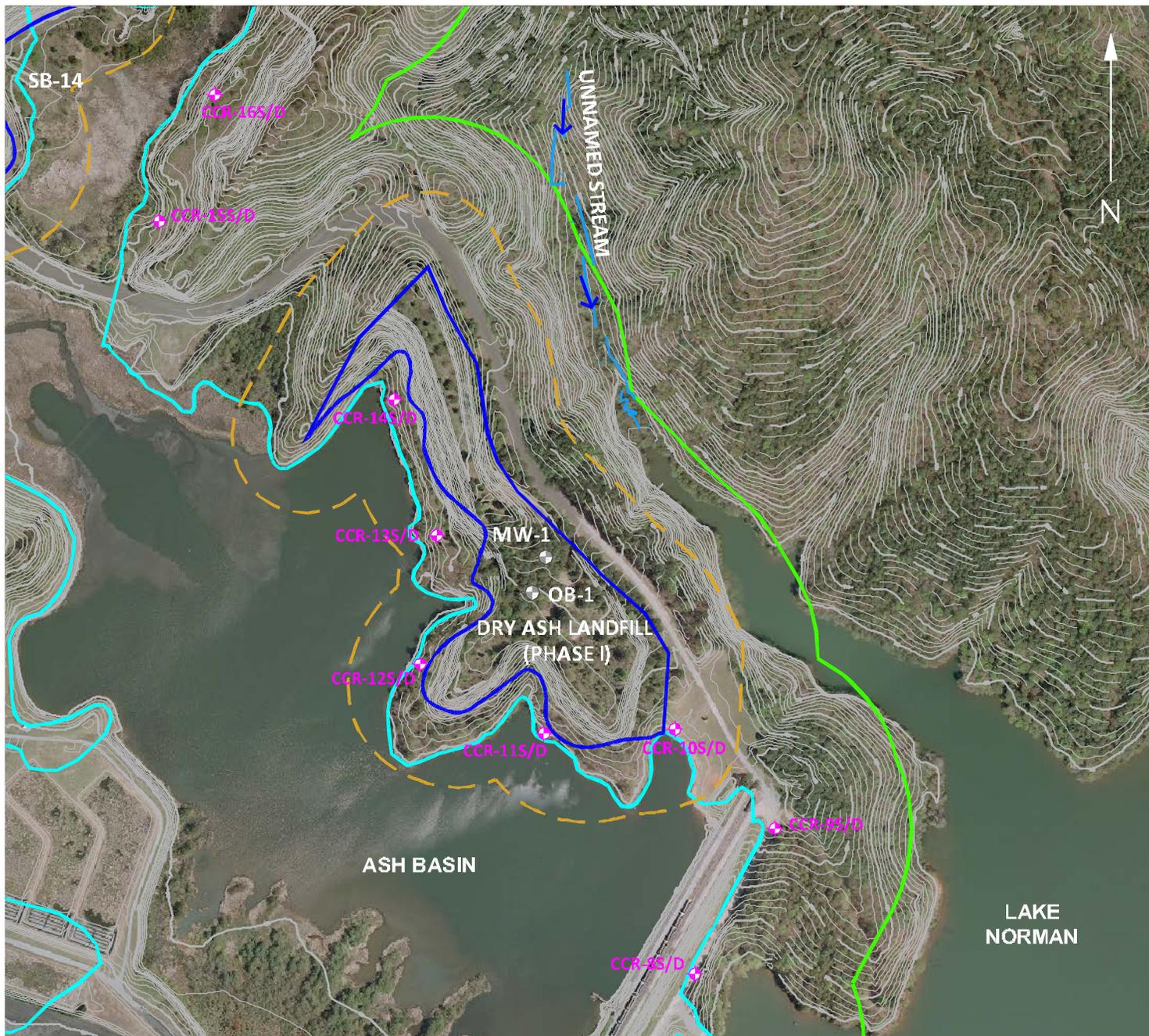
Respectfully submitted,

A handwritten signature in blue ink that reads "B. Tyler Hardin".

Tyler Hardin
Environmental Services

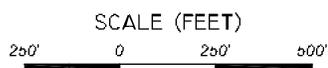
Attachments: Marshall Proposed CCR Monitoring Wells Adjacent to Dry Ash Landfill Phase I February 2016 Drawing

cc (via e-mail): Tim Russell, Duke
Kyle Baucom, Duke
Ed Sullivan, Duke
Ed Mussler, NCDEQ



NOTES:

1. ASH BASIN WASTE BOUNDARY AND LANDFILL BOUNDARY ARE APPROXIMATE.
2. THE COMPLIANCE BOUNDARY IS ESTABLISHED ACCORDING TO THE DEFINITION FOUND IN 15A NCAC 021 .0107 (a).
3. EXISTING MONITORING WELL LOCATIONS PROVIDED BY DUKE ENERGY AND WSP.
4. TOPOGRAPHY DATA FOR ONSITE WAS OBTAINED FROM WSP (DATED 2015).
5. AERIAL PHOTOGRAPHY WAS OBTAINED FROM WSP DATED APRIL 2014.
6. PROPOSED CCR RULE MONITORING WELL LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED BASED ON FIELD CONDITIONS.



LEGEND:	
	ASH BASIN WASTE BOUNDARY
	LANDFILL BOUNDARY
	LANDFILL COMPLIANCE BOUNDARY
	ASH BASIN COMPLIANCE BOUNDARY
	STREAM
	EXISTING LANDFILL GROUNDWATER MONITORING WELL
	TOPOGRAPHIC CONTOUR (JULY 2015)
	PROPOSED CCR RULE MONITORING WELL LOCATION



License Number F-0116
440 South Church Street Charlotte, NC 28202

**PROPOSED CCR RULE WELL LOCATIONS
ADJACENT TO DRY ASH LANDFILL (PERMIT NO. 1804)
DUKE ENERGY CAROLINAS, LLC
MARSHALL STEAM STATION
CATAWBA COUNTY, NORTH CAROLINA**

DATE
FEBRUARY 2016

FIGURE

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