



North Carolina Department of Environment and Natural Resources

Division of Water Quality

Pat McCrory  
Governor

Thomas A. Reeder  
Acting Director

John E. Skvarla, III  
Secretary

2 July 2013

Michael Bray, Project Manager  
Duke Energy  
900 South Edgewood Road  
Eden, NC 27288

**Subject: Compliance Evaluation Inspection**  
Construction Stormwater Permit – NCG010000  
Site Number – WT001390  
Dan River Station Coal Yard Phase I Coal Removal  
Rockingham County

Dear Mr. Bray:

Aana Taylor-Smith of the Winston-Salem Regional Office of the NC Division of Water Quality (DWQ) conducted a site inspection of the Phase I Coal Removal project located at the Dan River Combined Cycle Station on Edgewood Road in Eden, Rockingham County, North Carolina, on 1 July 2013. Your assistance and cooperation, as well as that of your co-workers, were greatly appreciated. Inspection findings are summarized below and a checklist is attached for your records.

**Observations**

The project site was very clean and well-maintained. Land-disturbing activities started up on 26 June 2013. Most of the sedimentation and erosion control measures had been put in place at the time of inspection and appeared adequate. Construction of the sedimentation basin was still ongoing, and the actual coal removal will not begin until it has been completed. Stockpiles were kept well away from streams and other surface waters. Stormwater runoff from the site is directed to the ash basin, which is permitted under NPDES permit number NC0003468. No water quality issues were noted at the time of inspection.

The approved Erosion and Sediment Control (E&SC) Plan was kept on site. Duke Energy staff members have been accurately tracking and recording rainfall amounts with the on-site rain gauge. Records of inspection of control measures were also inspected and found to be complete and accurate. Please continue these efforts until the project is completed and released by the North Carolina Division of Land Resources.

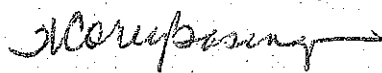
North Carolina Division of Water Quality, Winston-Salem Regional Office  
Location: 585 Waughtown St. Winston-Salem, North Carolina 27107  
Phone: 336-771-5000 \ FAX: 336-771-4630 \ Customer Service: 1-877-623-6748  
Internet: [www.ncwaterquality.org](http://www.ncwaterquality.org)

An Equal Opportunity \ Affirmative Action Employer

One  
North Carolina  
*Naturally*

We appreciate your efforts to effectively maintain this site. No additional response to this letter is required. If you have any questions regarding the inspection or this letter, please do not hesitate to contact Ms. Taylor-Smith or me at (336) 771-5000.

Sincerely,



W. Corey Basinger  
Surface Water Regional Supervisor  
Winston-Salem Regional Office  
Division of Water Quality

**Attachments:**

**1. BIMS Inspection Checklist**

**CC:** Nonpoint Source Assistance and Compliance Oversight Unit w/ attachments  
Division of Land Quality – WSRO w/ attachments  
SWP – WSRO w/ attachments

## Site Inspection Report

**Site Number:** WT001390

**Site Name:** Dan River Station Coal Yard Phase I

**Site Address:** 900 S Edgewood Rd

**County:** Rockingham

**Region:** Winston-Salem

**Directions:** Located at the old Duke Energy coal plant

**Latitude:**

**Longitude:**

**Site Owner Name:** Duke Energy Carolinas LLC

**Inspection Date:** 07/01/13

**Reason for Inspection:** Routine

**Inspection Type:** Site Inspection (non-DOT)

**Inspection Contact Person:**

**Phone:**

**On-Site Representative(s):**

Michael Bray

**Phone:**

**Primary Inspector:** Aana Taylor-Smith

**Phone:** 336-771-5000

**Secondary Inspector(s):**

**Facility compliance Status:**

☒ Compliant

☐ Not Compliant

**Program Area:** Construction SW (NCG010000)

**Question Areas:**

☒ NCG010000 Permit

**Inspection Summary:**

Please refer to attached inspection letter.

Site Number: WT001390

Owner: Duke Energy Carolinas LLC

Inspection Date: 07/01/13

Inspection Type: Site Inspection (non-DOT)

Reason for Visit: Routine

NCG010000 Permit

# Is this inspection related to a DLR/delegated program inspection?

Yes No NA NE

☐ ☒ ☐ ☐

If Yes, what was the DLR/delegated program inspection date?

Is the site following its E&SC Plan as per DLR or delegated program?

☒ ☐ ☐ ☐

Is the site maintaining their E&SC measures as per DLR or delegated program?

☒ ☐ ☐ ☐

Is a copy of the approved E&SC plan on site?

☒ ☐ ☐ ☐

Is a rain gauge present on-site or is MPE in use for the site?

☒ ☐ ☐ ☐

Is rain gauge data or MPE data recorded?

☒ ☐ ☐ ☐

Are inspection records complete?

☒ ☐ ☐ ☐

Is the site compliant with other conditions of the NCG010000 permit?

☒ ☐ ☐ ☐

Comment: Land-disturbing activities began 6/26/13. Records complete and accurate for one 7-day period. Stormwater from site is directed to ash basin. May revise E&SC Plan and send to DLR.



North Carolina Department of Environment and Natural Resources

Division of Energy, Mineral and Land Resources

Land Quality Section

Tracy E. Davis, PE, CPM  
Director

Pat McCrory, Governor  
John E. Skvarla, III, Secretary

May 29, 2013

LETTER OF APPROVAL

Duke Energy Carolinas, LLC  
ATTN :- Albert Smith, General Manager  
526 South Church St.  
Charlotte, NC 28201

RE: Project Name: Duke Dan River Phase I  
Project ID: ROCKI-2013-012  
County: Rockingham, Edgewood Rd., Eden  
River Basin: Roanoke  
Submitted By: Dewberry  
Date Received by LQS: May 23, 2013  
Plan Type: Express New  
Acres Approved: 5.50  
Stream Classification: Other

Dear Sir or Madam:

This office has reviewed the subject erosion and sedimentation control plan. We find the plan to be acceptable and hereby issue this Letter of Approval. The enclosed Certificate of Approval must be posted at the job site. This plan approval shall expire three (3) years following the date of approval, if no land-disturbing activity has been undertaken, as is required by Title 15A NCAC 4B .0129.

Please be aware that your project will be covered by the enclosed NPDES Construction Stormwater General Permit NCG010000. Please become familiar with all the requirements and conditions of this permit in order to achieve compliance.

Title 15A NCAC 4B .0118(a) requires that a copy of the approved erosion control plan be on file at the job site. Also, this letter gives the notice required by G.S. 113A-61.1(a) of our right of periodic inspection to insure compliance with the approved plan.

Letter of Approval  
Project :- Duke Dan River Phase 1  
May 29, 2013  
Page 2 of 2

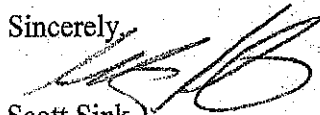
North Carolina's Sedimentation Pollution Control Act is performance-oriented, requiring protection of existing natural resources and adjoining properties. If, following the commencement of this project, it is determined that the erosion and sedimentation control plan is inadequate to meet the requirements of the Sedimentation Pollution Control Act of 1973 (North Carolina General Statute 113A-51 through 66), this office may require revisions to the plan and implementation of the revisions to insure compliance with the Act.

Acceptance and approval of this plan is conditioned upon your compliance with Federal and State water quality laws, regulations, and rules. In addition, local city or county ordinances or rules may also apply to this land-disturbing activity. This approval does not supersede any other permit or approval.

Please note that this approval is based in part on the accuracy of the information provided in the Financial Responsibility Form, which you provided. You are requested to file an amended form if there is any change in the information included on the form. In addition, it would be helpful if you notify this office of the proposed starting date for this project. Please notify us if you plan to have a preconstruction conference.

Your cooperation is appreciated.

Sincerely,



Scott Sink  
Assistant Regional Engineer  
Land Quality Section

Enclosures: Certificate of Approval  
NPDES Permit

cc: Dewberry  
2301 Rexwoods Dr. Suite 200  
Raleigh, NC 27607

WSRO-DWQ

# CERTIFICATE OF PLAN APPROVAL



The posting of this certificate certifies that an erosion and sedimentation control plan has been approved for this project by the North Carolina Department of Environment and Natural Resources in accordance with North Carolina General Statute 113A - 57 (4) and 113A - 54 (d) (4) and North Carolina Administrative Code, Title 15A, Chapter 4B.0107 (c). This certificate must be posted at the primary entrance of the job site before construction begins and until establishment of permanent groundcover as required by North Carolina Administrative Code, Title 15A, Chapter 4B.0127 (b).

**DUKE DAN RIVER PHASE 1**

Project Name and Location

**Rock-2013-012**

**5/29/13**

Date of Plan Approval

**X**



Regional Engineer

**Rock-2013-012**

FINANCIAL RESPONSIBILITY/OWNERSHIP FORM  
SEDIMENTATION POLLUTION CONTROL ACT  
EXPRESS PERMITTING OPTION 08012007

N.C. Dept. of ENV

MAY 23 2013

Winston-Salem  
Regional Office

No person may initiate any land-disturbing activity on one or more acres as covered by the Act before this form and an acceptable erosion and sedimentation control plan have been completed and approved by the Land Quality Section, N.C. Department of Environment and Natural Resources. (Please type or print and, if the question is not applicable or the e-mail and/or fax information unavailable, place N/A in the blank.)

**Part A.**

1. Project Name: Duke Energy Dan River Combined Cycle Station - Coal Yard Phase 1 Coal Removal
2. Location of land-disturbing activity: County Rockingham City or Township Eden  
Highway/Street: S. Edgewood Road Latitude 36°29'16" N Longitude 79°43'15" W
3. Approximate date land-disturbing activity will commence: June 2013
4. Purpose of development (residential, commercial, industrial, institutional, etc.): Utility
5. Total acreage disturbed or uncovered (including off-site borrow and waste areas): 5.5 Acres
6. Amount of fee enclosed: \$1,890. The Express Permitting application fee is a dual charge. The normal fee of \$65.00 per acre is assessed without a ceiling amount. In addition, the Express Permitting supplement is \$250.00 per acre up to eight acres, after which the Express Permitting supplemental fee is a fixed \$2,000.00 (Example: 9 acres total is \$2,585). NOTE: Both fees are rounded up to the next whole acre and need to be paid by separate checks to NCDENR.
7. Has an erosion and sediment control plan been filed? Yes \_\_\_\_\_ No \_\_\_\_\_ Enclosed x \_\_\_\_\_
8. Person to contact should erosion and sediment control issues arise during land-disturbing activity:  
Name Larry Baxley E-mail Address Larry.Baxley@pgnmail.com  
Telephone 910-272-7062 Cell # 910-374-7653 Fax # N/A
9. Landowner(s) of Record (attach accompanied page to list additional owners):

<u>Duke Energy Carolinas, LLC</u> Name	<u>N/A</u> Telephone	<u>N/A</u> Fax Number
<u>526 South Church Street</u> Current Mailing Address	<u>526 South Church Street</u> Current Street Address	
<u>Charlotte</u> <u>NC</u> <u>28201</u> City State Zip	<u>Charlotte</u> <u>NC</u> <u>28201</u> City State Zip	
10. Deed Book No. 1411 Page No. 2101 Provide a copy of the most current deed.

**Part B.**

1. Person(s) or firm(s) who are financially responsible for the land-disturbing activity (Provide a comprehensive list of all responsible parties on an attached sheet):

<u>Duke Energy Carolinas, LLC</u> Name	<u>N/A</u> Telephone	<u>N/A</u> Fax Number
<u>526 South Church Street</u> Current Mailing Address	<u>526 South Church Street</u> Current Street Address	
<u>Charlotte</u> <u>NC</u> <u>28201</u> City State Zip	<u>Charlotte</u> <u>NC</u> <u>28201</u> City State Zip	
Telephone <u>N/A</u>	Fax Number <u>N/A</u>	



2. (a) If the Financially Responsible Party is not a resident of North Carolina, give name and street address of the designated North Carolina Agent:

<u>N/A</u> Name	<u>N/A</u> E-mail Address
<u>N/A</u> Current Mailing Address	<u>N/A</u> Current Street Address
<u>N/A</u> City State Zip	<u>N/A</u> City State Zip
Telephone <u>N/A</u>	Fax Number <u>N/A</u>

- (b) If the Financially Responsible Party is a Partnership or other person engaging in business under an assumed name, **attach a copy of the Certificate of Assumed Name**. If the Financially Responsible Party is a Corporation, give name and street address of the Registered Agent:

<u>N/A</u> Name of Registered Agent	<u>N/A</u> E-mail Address
<u>N/A</u> Current Mailing Address	<u>N/A</u> Current Street Address
<u>N/A</u> City State Zip	<u>N/A</u> City State Zip
Telephone <u>N/A</u>	Fax Number <u>N/A</u>

- (c) In order to facilitate **Express Permitting**, it is necessary to be able to contact the Engineer or other consultant who can assist in providing any necessary information regarding the plan and its preparation:

Dewberry Engineers Inc.  
Engineering Firm or other consultant

fvnorton@dewberry.com  
E-mail Address

Virginia Norton, PE  
Individual contact person (type or print)

919.424.3740  
Telephone

919.881.9923  
Fax Number

The above information is true and correct to the best of my knowledge and belief and was provided by me under oath (This form must be signed by the Financially Responsible Person if an individual or his attorney-in-fact, or if not an individual, by an officer, director, partner, or registered agent with the authority to execute instruments for the Financially Responsible Person). I agree to provide corrected information should there be any change in the information provided herein.

Albert J. Smith III  
Type or print name

General Manager III, Plant Integration & Decommissioning  
Title or Authority

[Signature]  
Signature

5/17/13  
Date

I, Kristi L. Aiken, a Notary Public of the County of Mecklenburg

State of North Carolina, hereby certify that Albert J. Smith III appeared personally before me this day and being duly sworn acknowledged that the above form was executed by him.

Witness my hand and notarial seal, this 17<sup>th</sup> day of May, 2013

[Signature]  
Notary

My commission expires 1/29/2017





1 inch = 2,000 feet

