Coal Ash Quarterly Report

Statutory Authority: General Statute (G.S.) 130A–309.204(a)
Due Date: Jan. 1, 2022

Receiving Entities:
Environmental Review Commission

Submitting Entity:
NC Department of Environmental Quality
Regulatory Background
This report is submitted to meet the requirements of General Statute 130A–309.204, which requires the Department of Environmental Quality (DEQ) to submit quarterly reporting on operations, activities, programs and progress relating to coal combustion residuals surface impoundments. Specifically, General Statute (G.S.) 130A–309.204(a) states:

The Department shall submit quarterly written reports to the Environmental Review Commission on its operations, activities, programs, and progress with respect to its obligations under this Part concerning all coal combustion residuals surface impoundments. At a minimum, the report shall include information concerning the status of assessment, corrective action, prioritization, and closure for each coal combustion residuals surface impoundment and information on costs connected therewith. The report shall include an executive summary of each annual Groundwater Protection and Restoration Report submitted to the Department by the operator of any coal combustion residuals surface impoundments pursuant to G.S. 130A–309.211(d) and a summary of all groundwater sampling, protection, and restoration activities related to the impoundment for the preceding year. The report shall also include an executive summary of each annual Surface Water Protection and Restoration Report submitted to the Department by the operator of any coal combustion residuals surface impoundments pursuant to G.S. 130A–309.212(e) and a summary of all surface water sampling, protection, and restoration activities related to the impoundment for the preceding year, including the status of the identification, assessment, and correction of unpermitted discharges from coal combustion residuals surface impoundments to the surface waters of the State. The Department shall supplement the written reports required by this subsection with additional written and oral reports as may be requested by the Environmental Review Commission. The Department shall submit the written reports required by this subsection whether or not the General Assembly is in session at the time the report is due.

Report Structure
This report is broken down by the N.C. Department of Environmental Quality Divisions of Water Resources, Waste Management, and Energy, Mineral, and Land Resources. The information provided is either on-going or has occurred since the submittal of the previous quarterly report.

Acronyms
The following acronyms may be used in the sections below:

- A/M – Approval with Modifications
- BTVs – Background Threshold Values
- CAP – Corrective Action Plan
- CCR – Coal Combustion Residuals
- CCP – Coal Combustion Products
- COAR – Certificate of Approval to Repair
• COFA – Certificate of Final Approval
• CQA – Construction Quality Assurance
• CSA – Comprehensive Site Assessment
• DEQ – North Carolina Department of Environmental Quality
• DORS – Distribution of Residual Solids
• DWM – Division of Waste Management
• DWR – Division of Water Resources
• EAP – Emergency Action Plan
• EMC – Environmental Management Commission
• EOR – Engineer of Record
• ESC or E&SC – Erosion and Sediment Control Plan
• FGD – Flue–gas Desulfurization
• NOD – Notice of Deficiency
• NOI – Notice of Intent
• NOI – Notice of Inspection (DEMLR)
• NOV – Notice of Violation
• NPDES – National Pollution Discharge Elimination System
• PTC – Permit to Construct
• PTO – Permit to Operate
• SOC – Special Order by Consent
• UIC – Underground Injection Control
• WQMP – Water Quality Monitoring Plan
Division of Water Resources

**Duke Energy facilities with Surface Impoundments.** Division of Water Resources regulates Surface Impoundments in accordance with the Coal Ash Management Act (CAMA) as well as the General Statute 143–215, *Control of Sources of Water Pollution; Permits Required* and State Administrative Code 15A NCAC 2L *Classification and Water Quality Standards Applicable to Groundwaters of the State.*

**General Status of Surface Impoundments:**
The following are general status notes for all facilities, except where stated.

**Corrective Action Status**
Individual site–specific status notes included in the next section.

**Prioritization and Closure Status [G.S. 130A–309.213]**
Currently, all facilities are ranked as high, intermediate, or low priority.

- Facilities classified as high–risk per Session Law 2014–122 Senate Bill 729 Section 3.(b) are:
  - Asheville Steam Station
  - Dan River Combined Cycle Station
  - Riverbend Steam Station
  - L. V. Sutton Energy Complex

  High–risk impoundments are required to be closed no later than December 31, 2019. Proposed plans were submitted by December 31, 2016.

- Facilities classified as intermediate–risk per Session Law 2016–95 House Bill 630 Section 3.(a) are:
  - H. F. Lee Energy Complex
  - Cape Fear Steam Electric Plant
  - W. H. Weatherspoon Power Plant

  These three facilities and the Buck Combined Cycle Station have also been selected by Duke Energy for beneficiation under G.S. 130A–309.216. Per G.S. 130A–309.216(c), sites selected for ash beneficiation projects shall be closed no later than December 31, 2029.

- Facilities classified as low risk per G.S. 130A–309.213 are:
  - Allen Steam Station
  - Belews Creek Steam Station
  - Buck Combined Cycle Station
  - James E. Rogers Energy Complex (formerly Cliffside Steam Station)
  - Marshall Steam Station
Mayo Steam Electric Plant
Roxboro Steam Electric Plant

On November 13, 2018, DEQ deemed that these facilities are low risk based on criteria under G.S. 130A–309.213(d)(1).

Low–risk impoundments are required to be closed no later than December 31, 2029. A proposed closure plan for low–risk impoundments must be submitted no later than December 31, 2019. Intermediate–risk impoundments are required to be closed no later than December 31, 2024. A proposed closure plan for intermediate–risk impoundments was submitted by December 31, 2019. The closure dates have been superseded by the Consent Order that was signed February 5, 2020.

Consent Order
On February 5, 2020, a Consent Order was signed between Duke Energy, Plaintiff-Intervenors, and DEQ. The Consent Order required site–specific actions that supersede all other agreements, general statutes, and laws and only affects the Allen Steam Station, Belews Creek Steam Station, James E. Rogers Energy Complex (Cliffside Steam Station), Marshall Steam Station, Mayo Steam Electric Plant, and the Roxboro Steam Electric Plant. The Consent Order can be found on the DEQ website at:

https://deq.nc.gov/media/15176/download

Beneficial Reuse [G. S.130A–309.216]
Per G.S. 130A–309.216, Duke Energy was required to identify, at a minimum, three sites for beneficial reuse. Along with the Cape Fear Steam Electric Plant, H.F. Lee Energy Complex, and the W. H. Weatherspoon Power Plan, the Buck Combined Cycle Station was additionally selected for beneficial reuse. G.S. 130A–309.216(c) states that sites selected for beneficiation projects must close by December 31, 2029.

General Costs [G.S. 130–309.214(m)]
Costs are required to be included with the site closure plans and corrective action plans.

• Closure plans for the high–risk impoundments were submitted in January 2017 but were deemed incomplete by the DEQ. These plans included general cost estimates and were labeled confidential.

• Cost estimates are included in the Updated CAPs.
Site Specific Actions for Surface Impoundments
The following site–specific actions and status notes have occurred since the submittal of the previous quarterly report.

All Facilities
- October 8, 2021 – DWR and Duke came to an agreement on format and content for the upcoming annual groundwater and surface water reports for each facility that are required in the Updated CAP and CSA Comment letters from DEQ.

Allen Steam Station
- Assessment and Corrective Action Status
- Closure Status
- NPDES permit NC0004979
  - No update this quarter.
- SOC S17–009
  - SOC terminated on October 8, 2021.

Asheville Steam Electric Plant
- Assessment and Corrective Action Status
  - September 9, 2021 – DEQ approves updated BTVs for the site.
- Closure Status
  - June 7, 2021 – Asheville 1982 Basin Certification of Compliance with CAMA Closure Requirements sent to Duke.
  - Excavation of the 1964 Basin is in progress.
  - Excavation of the 1982 Basin is complete.
- NPDES permit NC0000396
  - No update this quarter.
- SOC S17–010
  - No update this quarter.

Belews Creek Steam Station
- Assessment and Corrective Action Status
- Closure Status
  - Closure is on-going.
- NPDES permit NC0024406
  - No update this quarter
- SOC S18–004
SOC terminated for Belews Creek Steam Station on October 8, 2021.

- SOC S18–009
  - SOC rescinded on August 4, 2020. All activities completed.

**Buck Combined Cycle Station**
- Assessment and Corrective Action Status
  - September 9, 2021 – DEQ approves updated BTVs for the site.
- Closure Status
  - Closure is ongoing.
- NPDES Permit NC0004774
  - No update this quarter.
- SOC S18–004
  - No update this quarter.

**Cape Fear Steam Electric Plant**
- Assessment and Corrective Action Status
  - September 9, 2021 – DEQ approves updated BTVs for the site.
- Closure Status
  - Closure is ongoing.
- NPDES permit NC0003433
  - No update this quarter.
- SOC S19-001
  - No update this quarter.

**James E. Rogers Energy Complex (Formerly Cliffside Steam Station)**
- Assessment and Corrective Action Status
- Closure Status
  - Permit held pending changes to 40 CFR 423 being finalized.
  - February 12, 2021 – Second public notice (with additional changes)
  - Closure is ongoing.
  - Excavation of the Inactive Units 1–4 is complete.
- NPDES permit NC0005088
- SOC S17–009
  - SOC terminated on October 8, 2021.

**Dan River Combined Cycle Station**
- Assessment and Corrective Action Status
  - September 9, 2021 – DEQ approves updated BTVs for the site.
• Closure Status
    o Excavation is complete.
• NPDES permit NC0003468
  o No update this quarter.

H. F. Lee Energy Complex
• Assessment and Corrective Action Status
  o September 9, 2021 – DEQ approves updated BTVs for the site.
• Closure Status
  o Closure is on-going.
• NPDES permit NC0003417
  o No update this quarter.
• SOC S18–006
  o No update this quarter.

Marshall Steam Station
• Assessment and Corrective Action Status
• Closure Status
  o Closure is on-going.
• NPDES permit NC0004987
  o May 8, 2021 – Major permit modification was issued. Permit became effective June 1, 2021.
• SOC S17–009
  o SOC terminated on October 8, 2021.

Mayo Steam Electric Plant
• Assessment and Corrective Action Status
• Closure Status
  o Closure is on-going.
• NPDES permit NC0038377
  o No update this quarter.
• SOC S18–005
  o No update this quarter.
Riverbend Steam Station

- Assessment and Corrective Action Status
  - September 9, 2021 – DEQ approves updated BTVs for the site.

- Closure Status
  - March 30, 2021 – DEQ informs Duke Energy that the 30-year post-closure period began on October 9, 2020 (date of DEQ’s closure response letter).
  - October 9, 2020 – DEQ approves the Closure Report.
  - Excavation is complete.

- NPDES permit NC0004961
  - No update this quarter.

- SOC S16–005
  - SOC expired September 1, 2020. All terms and conditions met.

Roxboro Steam Electric Plant

- Assessment and Corrective Action Status
  - March 31, 2021 – Duke Energy submits a CSA for other primary and secondary sources. This includes the Coal Storage Pile
    - September 22, 2021 – DWR sends comments to Duke.

- Closure Status
  - Closure is on-going.

- NPDES permit NC0003425
  - No update this quarter.

- SOC S18–005
  - SOC terminated for Roxboro Steam Electric Plant on October 8, 2021.

L. V. Sutton Energy Complex

- Assessment and Corrective Action Status
  - September 9, 2021 – DEQ approves updated BTVs for the site.

- Closure Status
  - June 3, 2021 – Certification of Compliance with CAMA Closure Requirements letter sent to Duke.
  - Excavation of the 1971 Basin is complete.
  - Excavation of the 1984 Basin is complete.

- NPDES permit NC0001422
  - No update this quarter.

W. H. Weatherspoon Power Plant

- Assessment and Corrective Action Status
  - September 9, 2021 – DEQ approves updated BTVs for the site.

- Closure Status
Closure is on-going.

- NPDES permit NC0005363
  - No update this quarter.
- SOC S19-006
  - No updates this quarter.

**Annual Groundwater Protection and Restoration Report Summary**
The Annual Groundwater Protection and Restoration Reports have been uploaded to the [DEQ website](#). Since the reports are very concise, they do not lend themselves to being summarized. The report summarizes all groundwater sampling, protection, and restoration activities related to the impoundment for the preceding year.

**Annual Surface Water Protection and Restoration Report Summary**
The Annual Surface Water Protection and Restoration Reports have been uploaded to the [DEQ website](#). Since the reports are very concise, they do not lend themselves to being summarized. The report summarizes all groundwater sampling, protection, and restoration activities related to the impoundment for the preceding year.
Division of Waste Management

LANDFILLS AT DUKE ENERGY COAL ASH FACILITIES

Allen Steam Station – Gaston County (current coal fired)
- Excavation Plan
  - Excavation and clearing begun in the area of the 3619 landfill.
- Annual Site Inspection
  - October 4, 2021 – Virtual records review.
  - October 7, 2021 – Onsite inspection.
- 3612–INDUS–2008: Retired Ash Basin Landfill (open, double-lined, landfill constructed on top of retired ash basin)
  - No update this quarter.
- 3619-INDUS-2021: North Starter Landfill
  - October 4, 2021 – Pre-construction meeting
- 3620-INDUS-20XX: South Starter Landfill
  - November 10, 2021 – Notification of Site Suitability.
  - November 12, 2021 – End of public comment period for draft permit.
  - October 26, 2021 – Virtual public hearing for draft permit.
  - October 11, 2021 – Beginning of public comment for draft permit.
- 3621-INDUS-20XX: Basin Landfill
  - No update this quarter.

Asheville Steam Electric Plant – Buncombe County (retired coal–fired plant, converted to combined cycle turbine)
- Excavation Plan
  - No update this quarter.
- Annual Site Inspection
  - November 15, 2021 – Virtual records review.
  - November 18, 2021 – Onsite inspection.
- 1119–INDUS–2020
  - Continued landfill operations (ash excavated from the 1964 ash basin).
  - Landfill nears 50% of designed capacity, completion is expected in 2nd quarter 2022.

Belews Creek Steam Station – Stokes County (current coal fired)
- Excavation Plan
  - No update this quarter.
- Annual Site Inspection
  - October 1, 2021 – Virtual records review.
  - October 21, 2021 – Onsite inspection.
- 8503–INDUS–1984: Pine Hall Road Landfill (closed, unlined – composite cap system)
  - Currently assessing the limits of the unlined/earthen capped area of the landfill (flat area), for extent and stability.
  - Groundwater Assessment
    - No update this quarter.
• 8504–INDUS–2007: Craig Road Landfill (open, lined)
  o Groundwater Assessment
    ▪ No update this quarter.
• 8505–INDUS–2008: Flue Gas Desulfurization (FGD) Landfill (open, lined)
  o October 6, 2021 – DEQ concurrence with Leachate Basin Monitoring and Mitigation Plan.
  o Groundwater Assessment
    ▪ No update this quarter.
• 8506-INDUS-2021: Basin Landfill
  o October 6, 2021 – DEQ approval of blasting plan for sediment basin.
  o October 1, 2021 – Duke submitted blasting plan for sediment basin.

Dan River Steam Station – Rockingham County (retired coal–fired plant, converted to combined cycle turbine)
• 7906–INDUS–2016: CCR Landfill (open, lined)
  o October 21, 2021 – Annual site inspection.

Mayo Steam Electric Plant – Person County (current coal fired)
• Excavation Plan
  o No update this quarter.
• Annual Site Inspection
  o September 27, 2021 – Virtual records review.
  o October 13, 2021 – Onsite inspection.
• 7305–INDUS–2012: CCR Landfill (open, double lined)
  o No update this quarter.
  o Groundwater Assessment
    ▪ No update this quarter.
• 7307-INDUS-2021: Basin Landfill
  o September 10, 2021 – Issuance of PTC/PTO.
  o September 27, 2021 – Virtual pre-construction meeting.

Marshall Steam Station – Catawba County (current coal fired)
• Excavation Plan
  o No update this quarter.
• Annual Site Inspection
  o September 13, 2021 – Virtual records review.
  o September 14, 2021 – Onsite inspection.
• 1804–INDUS–1983: Dry Ash Landfill (closed, unlined – Phase 2 composite cap system)
  o No update this quarter.
  o Groundwater Assessment
    ▪ No update this quarter.
• 1809–INDUS: FGD Landfill (closed, lined)
No update this quarter.

Groundwater Assessment

- 1812–INDUS–2008: Industrial Landfill #1 (open, double-lined)
  - Continued operation of landfill – Phase 1, Cells 3 and 4.
  - Phase 2, Cell 5 and Cell 6 under construction.
- MAR-152: Storm Water Reroute Project
  - Project complete.

Rogers Energy Complex – Rutherford County (current coal fired)

- Excavation Plan
  - No update this quarter.
- Annual Site Inspection
  - October 4, 2021 – Virtual records review.
  - October 7, 2021 – Onsite inspection.
- 8106–INDUS–2009: CCR Landfill (open, lined)
  - No update this quarter.

Roxboro Steam Electric Plant – Person County (current coal fired)

- Excavation Plan
  - No update this quarter.
- Annual Site Inspection
  - September 30, 2021 – Virtual records review.
  - October 12, 2021 – Onsite inspection.
- 7302–INDUS–2021: Proposed new onsite landfill expansion (double lined, partially on top of excavated ash basin)
  - September 30, 2021 – Virtual pre-construction meeting.

Sutton Steam Electric Plant – New Hanover County (retired coal–fired plant, converted to combined cycle turbine)

- 6512–INDUS–2016: CCR Landfill (closed, double lined)
  - November 3, 2021 – Site visit.

**LANDFILLS NOT ON DUKE ENERGY FACILITIES**

Halifax County Industrial Landfill – Halifax County Westmoreland Partners, Roanoke Valley Energy Plant (retired coal–fired plant, plant closed)

  - No update this quarter.
DUKE ENERGY FACILITIES WITHOUT LANDFILLS

Buck Steam Station – Rowan County (retired coal–fired plant, converted to combined cycle turbine)
- Excavation Plan
  - No update this quarter.
- Continued operation of STAR plant.

Cape Fear Steam Electric Plant – Chatham County (retired coal–fired plant, no electricity production)
- Excavation Plan
  - No update this quarter.
- Continued operation of STAR plant.
- November 10, 2021 – Site visit and tax certification inspection.

H.F. Lee Steam Electric Plant – Wayne County (retired coal–fired plant, converted to combined cycle turbine)
- Excavation Plan
  - No update this quarter.
- Continued operation of STAR plant.

Riverbend Steam Station – Gaston County (retired coal–fired facility, no electricity)
- No update this quarter.

Weatherspoon Steam Electric Plant – Robeson County (retired coal–fired facility, no electricity)
- Excavation Plan
  - No update this quarter.
- Continued excavation of CCR and trucked to concrete factory in South Carolina.
- November 2, 2021 – Site visit.

COAL COMBUSTION PRODUCT (CCP) STRUCTURAL FILLS
The Section regulates large structural fills (greater than 8,000 tons per acre or 80,000 tons per project) in accordance with CAMA and small existing structural fills in accordance with 15A NCAC 13B .1713.

Greater Asheville Regional Airport Authority (GARAA), 1117-STRUC-2020, Buncombe County
- November 18, 2021 – Site visit.

Brickhaven No. 2, Mine Track “A,” 1910–STRUC–2015 – Chatham County
- November 9, 2021 – Site visit.

Colon Mine Site – Lee County, 5306–STRUC–2015
- No update this quarter.

Groundwater Assessment and Corrective Action

**Roxboro Steam Station Gypsum Storage Pad (CCB0003)**
- December 1, 2021 – Duke presentation on proposed corrective action plan elements.

**Belews Creek Steam Station Structural Fill (CCB0070)**
- No update this quarter.

**Swift Creek in Nash County (CCB0057)**
- No update this quarter.

**Arthur’s Creek/Henry Long Property in Northampton County (CCB0064)**
- No update this quarter.

**HISTORIC ASH MANAGEMENT AREA**

**6806–INDUS– Eno Power Plant – historic coal ash storage area**
- No update this quarter.
Division of Energy, Mineral, and Land Resources

Duke and other Company facilities with dams, construction development, industrial activities, and mining operations - The North Carolina Division of Energy, Mineral, and Land Resources regulates industrial coal combustion residual landfills in accordance with CAMA as well as the State Dam Safety Law (NCGS 143-215.23), the Sedimentation Pollution Control Act (NCGS 113A-50), the Mining Act (NCGS 74-46), and the State Stormwater Program under the authority of multiple Session Laws along with their associated Administrative Code.

Allen Steam Station
- Dam Safety
  - No update this quarter.
- Erosion and Sediment Control and Construction Storm Water
  - No update this quarter.
- NPDES Storm Water
  - NCS000546
    - 4/30/20 – Permit expired

Asheville Steam Electric Plant
- Dam Safety
  - BUNCO-088 (ASHEVILLE LAKE JULIAN DAM)
    - 5/25/21 – Received submittal for the repair of the existing dam in order to improve the north abutment ditch to contain surface flows for BUNCO-088 Scope 9.
      - 11/04/21 – Received revised submittal.
      - 10/12/21 – Revision Request issued.
  - BUNCO-097 (ASHEVILLE 1964 ASH BASIN DAM)
    - 9/02/21 – Received submittal for the decommissioning of the dam for BUNCO-097 Scope 8 Addendum 1.
      - 9/29/21 – Site visit to discuss dam removal addendum.
- Erosion and Sediment Control and Construction Storm Water
  - No update this quarter.
- NPDES Storm Water
  - NCS000575
    - 4/30/21 – Permit expired.

Belews Creek Steam Station
- Dam Safety
  - STOKE-116 (BELEWS CREEK ACTIVE ASH BASIN DAM)
    - 08/25/21 – Received as-built submittal for the removal of the inactive riser at the Pine Hall Road embankment for STOKE-116 Scope 9.
      - 09/21/21 – Certificate of Final Approval to Repair issued.
      - 09/15/21 – As-built inspection performed.
STOKE-121 (BELEWS CREEK RETENTION BASIN DAM)
- 12/10/20 – Received submittal for the relocation of the emergency spillway to accommodate the planned closure of the dam and construction of the landfill for STOKE-121 Scope 2.
  - 10/19/21 – Revision Request issued.
ROCKI-236 (BELEWS LAKE DAM)
- 10/15/21 – Received request to change the Engineer of Record for ROCKI-236 Scope 2.
  - 10/26/21 – Received as-built submittal.
  - 10/19/21 – Change of Engineer of Record Approval issued.
Erosion and Sediment Control and Construction Storm Water
- STOKE-2022-003
  - 10/29/21 – Belews Creek Monitoring Well Grading Plan – Express review plan received and approved on 11/01/21.
NPDES Storm Water
- NCS000573
  - No update this quarter.

**Buck Combined Cycle Station**
- Dam Safety
  - ROWAN-079 (BUCK RETENTION BASIN DAM)
    - 12/14/20 – Received submittal for the jurisdictional determination for ROWAN-071.
      - 10/25/21 – Revision Request issued.
Erosion and Sediment Control and Construction Storm Water
- No update this quarter.
NPDES Storm Water
- NCG130090
  - No update this quarter.
- NCS000554
  - No update this quarter.
- NCS000556
  - Withdrawn; revised application received and assigned new permit number (NCS000578).
- NCS000578
  - No update this quarter.

**Cape Fear Steam Electric Plant**
- Dam Safety
  - CHATH-075 (CAPE FEAR 1956 ASH BASIN DAM)
    - 11/3/21 – Received request for extension 5 of vegetation removal for CHATH-075 Scope 3.
8/4/21 – Received submittal requesting a change of EOR for CHATH-075 Scope 7.
  • 10/05/21 - Certificate of Final Approval to Repair issued.
    o CHATH-076 (CAPE FEAR 1963 ASH BASIN DAM)
      ▪ 11/3/21 – Received request for extension 5 of vegetation removal for CHATH-076 Scope 2.
    o CHATH-077 (CAPE FEAR 1970 ASH BASIN DAM)
      ▪ 11/3/21 – Received request for extension 5 of vegetation removal for CHATH-077 Scope 2.
  • Erosion and Sediment Control and Construction Storm Water
    o No update this quarter.
  • NPDES Storm Water
    o NCS000574
      ▪ 4/30/21 – Permit expired.

**James E. Rogers Energy Complex (Formerly Cliffside Steam Station)**

  • Dam Safety
    o CLEVE-050 (CLIFFSIDE ACTIVE ASH BASIN UPSTREAM DAM)
      ▪ 4/16/20 – Received request for withdrawal for CLEVE-050 Scope 2.
        • 10/25/21 – Acceptance of Withdrawal Request issued.
    • Erosion and Sediment Control and Construction Storm Water
      o No update this quarter.
    • NPDES Storm Water
      o NCS000571
        ▪ 9/30/20 – Permit expired.

**Dan River Combined Cycle Station**

  • Dam Safety
    o No update this quarter.
  • Erosion and Sediment Control and Construction Storm Water
    o ROCKI-2016-003
      ▪ 9/2/21 – Inspected – Closed
    o ROCKI-2018-012
      ▪ 9/2/21 – Inspected – Closed
  • NPDES Storm Water
    o NCS000572:
      ▪ 9/30/21 – Permit expired.

**H.F. Lee Energy Complex**

  • Dam Safety
    o WAYNE-022 (HF LEE ACTIVE ASH BASIN DAM)
      ▪ 11/3/21 – Received request for extension 5 of vegetation removal for WAYNE-022 Scope 3 Addendum 2.
- WAYNE-031 (HF LEE INACTIVE ASH BASIN #1 DAM)
  - 8/13/21 – Received submittal for the installation of steel sheet pile walls around the interior crest of the basin for WAYNE-031 Scope 4.
  - 8/25/21 – Certificate of Approval to Repair issued.
- WAYNE-032 (HF LEE INACTIVE ASH BASIN #2 DAM)
  - 8/13/21 – Received submittal for the installation of steel sheet pile walls around the interior crest of the basin for WAYNE-032 Scope 7.
  - 8/25/21 – Certificate of Approval to Repair issued.
- WAYNE-033 (HF LEE INACTIVE ASH BASIN #3 DAM)
  - 8/24/21 – Received submittal for the installation of steel sheet pile walls around the interior crest of the basin for WAYNE-033 Scope 7.
  - 8/25/21 – Certificate of Approval to Repair issued.
- Erosion and Sediment Control and Construction Storm Water
  - No update this quarter.
- NPDES Storm Water
  - NCG130094
    - No update this quarter.
  - NCG200529
    - No update this quarter.

**Marshall Steam Station**
- Dam Safety
  - No update this quarter.
- Erosion and Sediment Control and Construction Storm Water
  - No update this quarter.
- NPDES Storm Water
  - NCS000548
    - No update this quarter.
  - NCS000579
    - No update this quarter.

**Mayo Steam Electric Plant**
- Dam Safety
  - PERSO-034 (MAYO LAKE DAM)
    - 10/20/21 – Received as-built submittal for the abandonment of existing minimum flow conduit and replacement with two siphons for PERSO-034 Scope 2 Addendum 1.
      - 10/26/21 – Certificate of Final Approval to Repair issued.
      - 10/21/21 – As-built inspection performed.
    - 8/4/21 – Received request to change the Engineer of Record for PERSO-034 Scope 3.
      - 10/22/21 – Certificate of Final Approval to Repair issued.
      - 10/21/21 – As-built inspection performed.
• 08/24/21 – Received as-built submittal.
• 08/16/21 – Change of Engineer of Record Approval issued.

• Erosion and Sediment Control and Construction Storm Water
  o No update this quarter.

• NPDES Storm Water
  o NCS000580
    ▪ No update this quarter.
  o NCG120101
    ▪ No update this quarter.

**Riverbend Steam Station**

• Dam Safety
  o No update this quarter.

• Erosion and Sediment Control and Construction Storm Water
  o No update this quarter.

• NPDES Storm Water
  o NCS000549
    ▪ No update this quarter.

**Roxboro Steam Electric Plant**

• Dam Safety
  o PERSO-040 (ROXBORO WEST FGD SETTLING POND DAM)
    ▪ 9/27/21 – Received as-built submittal for the decommissioning of the dam for PERSO-040 Scope 1.
      • 10/21/21 – As-built inspection performed.
      • 10/21/21 – Certificate of Final Approval to Breach issued.
  o PERSO-041 (ROXBORO EAST FGD SETTLING POND DAM)
    ▪ 9/27/21 – Received as-built submittal for the decommissioning of the dam for PERSO-041 Scope 1.
      • 10/21/21 – As-built inspection performed.
      • 10/21/21 – Certificate of Final Approval to Breach issued.
  o PERSO-042 (ROXBORO FGD FORWARD FLUSH POND DAM)
    ▪ 9/27/21 – Received as-built submittal for the decommissioning of the dam for PERSO-042 Scope 1.
      • 10/21/21 – As-built inspection performed.
      • 10/21/21 – Certificate of Final Approval to Breach issued.

• Erosion and Sediment Control and Construction Storm Water
  o No update this quarter.

• NPDES Storm Water
  o NCS000581
    ▪ No update this quarter.
L. V. Sutton Energy Complex
- Dam Safety
  - No update this quarter.
- Erosion and Sediment Control and Construction Storm Water
  - No update this quarter.
- NPDES Storm Water
  - No update this quarter.

Brickhaven No 2. Tract “A”
- Dam Safety
  - No update this quarter.
- Erosion and Sediment Control
  - No update this quarter.
- Mining
  - No update this quarter.
- NPDES Storm Water
  - NCG020354
    - No update this quarter.

Colon Mine Permit 53-05
- Dam Safety
  - No update this quarter.
- Erosion and Sediment Control
  - No update this quarter.
- Mining
  - No update this quarter.
- NPDES Storm Water
  - NCG020854
    - No update this quarter.

W. H. Weatherspoon Power Plant
- Dam Safety
  - ROBES-004 (WEATHERSPOON COOLING LAKE DAM)
    - 9/27/21 – Received as-built submittal for the refurbishment of corrosion on a sheet pile wall intake structure for ROBES-004 Scope 2.
      - 10/28/21 – As-built inspection performed.
  - ROBES-009 (WEATHERSPOON 1979 ASH BASIN DAM)
    - 10/05/21 – Received request for extension 5 of vegetation removal for ROBES-009 Scope 6.
- Erosion and Sediment Control and Construction Storm Water
  - No update this quarter.
• NPDES Storm Water
  ▪ NCS000589
    - No update this quarter.

**Dam Status**

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