

Coal Combustion Residuals Surface Impoundments

Department of Environmental Quality Quarterly Report July 1, 2021

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

- 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
- 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 must be submitted no later than December 31, 2019.

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 Plant, 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.
- Updated corrective action plans have yet to be submitted for several facilities. Once corrective action plans are approved, then a final cost estimate can be determined.

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

- March 5, 2021 – DEQ finalized a process for further optimization of the groundwater monitoring program for all Duke Energy facilities. The process uses statistics and specific site needs to optimize the number of wells and parameters being sampled while also requiring periodic comprehensive sampling to evaluate data trends.

Allen Steam Station

- Assessment and Corrective Action Status
 - March 17, 2021 – DEQ provides comments to Duke Energy on the CSA for primary and secondary sources not associated with the impoundments (Gypsum Pad).
 - DWR is continuing to review the Updated CAP Report for the impoundments and associated other primary and secondary sources.
- Closure Status

- October 28, 2020 – DEQ approves the Closure Plan.
- NPDES permit NC0004979
 - October 29, 2020 – Major modification application acknowledged.
 - April 6, 2021 – Draft modification was public noticed.
- SOC S17-009
 - Amendment is on hold.

Asheville Steam Electric Plant

- Assessment and Corrective Action Status
 - May 13, 2021 – DEQ approves Duke Energy’s February 24, 2021 request to discontinue use of the Interim Action extraction well. This approval was based on Duke Energy’s acquisition of adjacent property (which was the basis for the interim action due to off-site contaminant migration) and decreased efficiency of the extraction well.
 - DWR is continuing to review the Updated CSA for primary and secondary sources associated with the impoundments. These include the impoundments and the raw coal pile.
 - The CAP for the primary and secondary sources associated with the impoundments will be due six months after DWR “approves” the CSA.
- Closure Status
 - January 15, 2021 – Duke Energy submits closure report for the 1982 Basin.
 - DEQ is currently reviewing the report.
 - 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
 - March 30, 2021 – DEQ approves Duke Energy’s January 25, 2021 request to deactivate interim corrective action measures (extraction wells) at the facility. This approval was based on Duke Energy’s acquisition of adjacent property (which was the basis for the interim action due to off-site contaminant migration).
 - DWR is continuing to review the Updated CAP Report for the impoundments and associated other primary and secondary sources.
 - DWR and DWM is continuing to review the CSAs for primary and secondary sources not associated with the impoundments. These include the Coal Pile, Gypsum Pad, and Structural Fill.
- Closure Status
 - Closure is on-going.
- NPDES permit NC0024406

- March 10, 2021 – Major modification issued and became effective April 1, 2021. Permit expires February 29, 2024.
- SOC S18-004
 - No update this quarter.
- SOC S18-009
 - No update this quarter.

Buck Combined Cycle Station

- Assessment and Corrective Action Status
 - February 1, 2021 – Duke Energy submits Updated CSA for Impoundments and Other Primary and Secondary Sources. This includes the Coal Pile.
 - DWR is currently reviewing the Updated CSA.
 - The CAP for the primary and secondary sources associated with the impoundments will be due six months after DWR “approves” the CSA.
- Closure Status
 - Closure is on-going.
- NPDES Permit NC0004774
 - No update this quarter.
- SOC S18-004
 - No update this quarter.

Cape Fear Steam Electric Plant

- Assessment and Corrective Action Status
 - DWR is currently reviewing the CSA for primary and secondary sources associated with the impoundments. These include the impoundments and the former coal pile storage areas.
 - The CAP for the primary and secondary sources associated with the impoundments will be due six months after DWR “approves” the CSA.
- Closure Status
 - Closure is on-going.
- 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
 - March 17, 2021 – DEQ provides comments to Duke Energy on the CSA for Other Primary and Secondary Sources (Switchyard Area).
 - March 17, 2021 – DEQ provides comments to Duke Energy on the CSA for Other Primary and Secondary Sources (Unit 6, Raw Coal Piles North of Unit 6, and the Gypsum Pile).

- DWR is continuing to review the Updated CAP Report for the impoundments and associated other primary and secondary sources.
- Closure Status
 - Permit held pending changes to 40 CFR 423 being finalized.
 - February 12, 2021 – Second public notice (with additional changes)
 - Closure is on-going.
 - Excavation of the Inactive Units 1–4 is complete.
- SOC S17–009
 - Amendment is on hold.

Dan River Combined Cycle Station

- Assessment and Corrective Action Status
 - DWR is continuing to review the Updated CAP for primary and secondary sources associated with the impoundments. These include the impoundments and former coal yard.
- Closure Status
 - March 30, 2021 – DEQ informs Duke Energy that the 30-year post-closure period began on March 2, 2021 (date of DEQ’s closure response letter).
 - March 2, 2021 – DEQ provides response to Duke Energy on the May 19, 2020 Closure Report.
 - Excavation is complete.
- NPDES permit NC0003468
 - No update this quarter.

H. F. Lee Energy Complex

- Assessment and Corrective Action Status
 - DWR is continuing to review the Updated CSA for primary and secondary sources associated with the impoundments. These include the impoundments, Coal Staging/Pile Area, and Lay of Land Area.
 - The CAP for the primary and secondary sources associated with the impoundments will be due six months after DWR “approves” the CSA.
- Closure Status
 - Closure is on-going.
- NPDES permit NC0003417
 - April 30, 2021 – Major permit modification application received.
 - Review pending.
- SOC S18–006
 - No update this quarter.

Marshall Steam Station

- Assessment and Corrective Action Status
 - DWR is continuing to review the Updated CAP Report for the impoundments and associated other primary and secondary sources.
- Closure Status
 - Closure is on-going.
- NPDES permit NC0004987
 - January 12, 2021 – Major permit modification application received.
 - Draft modification was public noticed on February 9, 2021.
- SOC S17-009
 - Amendment is on hold.

Mayo Steam Electric Plant

- Assessment and Corrective Action Status
 - December 18, 2020 – Duke Energy submits the CSA for Other Primary and Secondary Sources. This includes the Gypsum Pad and Low Volume Wastewater Pond.
 - DWR is currently reviewing the CSA.
 - The CAP for the primary and secondary sources not associated with the impoundments will be due six months after DWR “approves” the CSA.
 - DWR is continuing to review the Updated CAP Report for the impoundments and associated other primary and secondary sources.
- Closure Status
 - Closure is on-going.
- NPDES permit NC0038377
 - March 26, 2021 – Major modification application received.
 - Review pending.
- SOC S18-005
 - No update this quarter.

Riverbend Steam Station

- Assessment and Corrective Action Status
 - DWR is continuing to review the Updated CAP for primary and secondary sources associated with the impoundments. These include the impoundments and coal yard.
- 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
 - February 15, 2021 – Permit issued. Effective date is March 1, 2021.
- SOC S16-005
 - No update this quarter.

Roxboro Steam Electric Plant

- Assessment and Corrective Action Status
 - April 27, 2021 – DEQ provides a conditional approval and request for additional information to Duke Energy on the Updated CAP Report for the impoundments and associated other primary and secondary sources.
 - March 31, 2021 – Duke Energy submits a CSA for other primary and secondary sources. This includes the Coal Storage Pile
 - DWR is currently reviewing.
- Closure Status
 - Closure is on-going.
- NPDES permit NC0003425
 - January 4, 2021 – Major permit modification application received.
 - March 9, 2021 – Draft modification was public noticed.
- SOC S18-005
 - No update this quarter.

L. V. Sutton Energy Complex

- Assessment and Corrective Action Status
 - DWR is continuing to review the Updated CAP for primary and secondary sources associated with the impoundments.
- Closure Status
 - March 30, 2021 – DEQ informs Duke Energy that the 30-year post-closure period began on July 14, 2020 for both impoundments (date of DEQ's closure response letters).
 - March 10, 2021 – DEQ provides response to Duke Energy on the January 14, 2021 closure report for 1971 and 1984 Basins.
 - March 12, 2021 – DEQ provides response to Duke Energy on the October 16, 2020 closure certification for the Lay of Land Area.
 - Excavation of the 1971 Basin is complete.
 - Excavation of the 1984 Basin is complete.
- NPDES permit NC0001422
 - March 29, 2021 – Major modification application received.
 - Review pending.

W. H. Weatherspoon Power Plant

- Assessment and Corrective Action Status
 - DWR is continuing to review the Updated CSA for primary and secondary sources associated with the impoundments. DEQ to review.
 - The CAP for the primary and secondary sources associated with the impoundments will be due six months after DWR “approves” the CSA.
- 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)

- Approved Final Closure Plan
 - April 14, 2021 – DEQ approved Coal Ash Excavation Plan.
 - April 9, 2021 – Duke submitted Coal Ash Excavation Plan.
 - All impoundment ash from to be excavated and placed in onsite lined landfills (3619-INDUS-202X, 3620-INDUS-202X, and 3621-INDUS-202X).
- 3612-INDUS-2008: Retired Ash Basin Landfill (open, double-lined, landfill constructed on top of retired ash basin)
 - No update this quarter.
- 3619-INDUS-20XX: North Starter Landfill per CAMA
 - June 4, 2021 – End of 60-day public comment period for draft PTC and PTO.
 - May 4, 2021 – Virtual Public Hearing regarding draft permit.
 - April 5, 2021 – Beginning of 60-day public comment period for draft PTC and PTO.
 - March 30, 2021 – Draft Environmental Justice Report complete.
 - March 8, 2021 – Notification of Site Suitability issued.
 - March 1, 2021 – Revised PTC Application and Site Study submitted.
- 3620-INDUS-20XX: South Starter Landfill per CAMA
 - No update this quarter.
- 3621-INDUS-20XX: Basin Landfill per CAMA
 - No update this quarter.

Asheville Steam Electric Plant – Buncombe County (retired coal-fired plant, converted to combined cycle turbine)

- Approved Final Closure Plan
 - April 14, 2021 – DEQ approved Coal Ash Excavation Plan
 - February 24, 2021 – Duke submitted Coal Ash Excavation Plan
 - Remaining impoundment ash to be excavated and placed in onsite lined landfill 11193619-INDUS-2020.
- 1119-INDUS-2020
 - April 7, 2021 – Landfill operations commenced.
 - April 1, 2021 – Conducted Pre-Operations meeting and issued approval letter to begin landfill operations.

Belews Creek Steam Station – Stokes County (current coal fired)

- Approved Final Closure Plan
 - April 14, 2021 – DEQ approved Coal Ash Excavation Plan.
 - April 12, 2021 – Duke submitted Coal Ash Excavation Plan.
 - All impoundment ash to be excavated and placed in onsite lined landfill (8506-INDUS-20XX).
- 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)
 - No update this quarter.
 - Groundwater Assessment
 - No update this quarter.
- 8505-INDUS-2008: Flue Gas Desulfurization (FGD) Landfill (open, lined)
 - No updates at this time.
 - Groundwater Assessment
 - No update this quarter.
- 8506-INDUS-20XX: Basin Landfill per CAMA
 - June 25, 2021 – End of 60-Day public comment period for draft PTC and PTO.
 - May 25, 2021 – Virtual Public Hearing for draft permit.
 - April 23, 2021 – Draft Environmental Justice Report complete.
 - April 26, 2021 – Beginning of 60-Day public comment period for draft PTC and PTO.
 - March 22, 2021 – DEQ issued Notification of Site Suitability.
 - February 26, 2021 – Duke submitted a revised PTC application.

Dan River Steam Station – Rockingham County (retired coal-fired plant, converted to combined cycle turbine)

- 7906-INDUS-2016: CCR Landfill (open, lined)
 - No update this quarter.

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

- Approved final closure plan
 - April 14, 2021 – DEQ approved Coal Ash Excavation Plan.
 - February 5, 2021 – Duke submitted Coal Ash Excavation Plan.
 - All impoundment ash to be excavated and placed in existing lined landfill (7305-INDUS-2012) or proposed new onsite lined landfill (7307-INDUS-20XX).
- 7305-INDUS-2012: CCR Landfill (open, double lined)
 - No update this quarter.
 - Groundwater Assessment
 - No update this quarter.
- 7307-INDUS-20XX: Basin Landfill per CAMA
 - April 6, 2021 – DEQ issued concurrence for land clearing.

Marshall Steam Station – Catawba County (current coal fired)

- Excavation Plan
 - February 5, 2021 – Updated Excavation Plan submitted.
- Approved Final Closure Plan
 - April 14, 2021 – DEQ approved Coal Ash Excavation Plan.
 - February 5, 2021 – Duke submitted Coal Ash Excavation Plan.

- All impoundment ash to be excavated except ash beneath structural fill CCB0031 and Dry Ash Landfill Phase 2 and placed in onsite lined landfill (1812-INDUS-2008).
- 1804-INDUS-1983: Dry Ash Landfill (closed, unlined – Phase 2 composite cap system)
 - No update this quarter.
 - Groundwater Assessment
 - No update this quarter.
- 1809-INDUS: FGD Landfill (closed, lined)
 - No update this quarter.
 - Groundwater Assessment
 - No update this quarter.
- 1812-INDUS-2008: Industrial Landfill #1 (open, double-lined)
 - May 7, 2021 – DEQ approved Geotechnical Investigation Plan for Phases 3 and 4.
 - March 16, 2021 – Conducted Pre-Construction meeting for Phase 2.
- MAR-152 Stormwater Reroute Project
 - May 1, 2021 – Visual Removal Verification letter for Area 4, 9 Grids.
 - April 30, 2021 – Visual Removal Verification letter for Area 1, 11 Grids.
 - April 16, 2021 – Visual Removal Verification letter received for Area 4, 5 Grids.
 - March 26, 2021 – Visual Removal Verification letter received for Area 4, 10 Grids.

Rogers Energy Complex – Rutherford County (current coal fired)

- Approved Final Closure Plan
 - April 14, 2021 – DEQ approved Coal Ash Excavation Plan.
 - February 5, 2021 – Duke submitted Coal Ash Excavation Plan.
 - All impoundment ash to be excavated and placed in onsite lined landfill (8106-INDUS-2009).
- 8106-INDUS-2009: CCR Landfill (open, lined)
 - May 5, 2021 – Conducted Pre-Operations meeting for Phase III and issued approval letter to begin landfill operations.
 - Phase IV under construction.

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

- Approved Final Closure Plan
 - April 14, 2021 – DEQ approved Coal Ash Excavation Plan.
 - March 31, 2021 – DEQ approved stability feature design.
 - March 19, 2021 – Duke submitted Coal Ash Excavation Plan.
 - All impoundment ash to be excavated except ash within and beneath existing/operating landfill 7302 and placed in proposed new onsite lined landfill expansion (7302-INDUS-2021).
- 7302-INDUS-2021: proposed new onsite landfill expansion (double lined, partially on top of excavated ash basin)
 - July 2, 2021 – End of 45-day public comment period for draft PTC and PTO.
 - June 15, 2021 – Virtual Public Hearing for draft permit.
 - May 17, 2021 – Beginning of 45-day public comment period for draft PTC and PTO.
 - April 19, 2021 – DEQ issued Notification of Site Suitability.

- March 1, 2021 – Duke submitted revised PTC Application.

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

- 6512-INDUS-2016: CCR Landfill (closed, double lined)
 - March 11, 2021 – Annual Site Inspection.
 - February 17, 2021 – Closure Permit issued.
 - January 13, 2021 – CQA Closure Certification submitted.

LANDFILLS NOT ON DUKE ENERGY FACILITIES

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

- 4204-INDUS-1994: Halifax County Coal Ash Landfill (open/inactive, lined)
 - 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
 - April 14, 2021 – DEQ approved Coal Ash Excavation Plan.
- Approved Final Closure Plan
 - All impoundment ash to be excavated and beneficiated through the onsite STAR plant process
 - August 24, 2020 – STAR plant operational.

Cape Fear Steam Electric Plant – Chatham County (retired coal-fired plant, no electricity production)

- Excavation Plan
 - April 14, 2021 – DEQ approved Coal Ash Excavation Plan.
- Approved Final Closure Plan
 - All impoundment ash to be excavated and beneficiated through the STAR plant process.
 - February 2021 – STAR Plant in operation.

H.F. Lee Steam Electric Plant – Wayne County (retired coal-fired plant, converted to combined cycle turbine)

- Excavation Plan
 - April 14, 2021 – DEQ approved Coal Ash Excavation Plan
- Approved Final Closure Plan
 - All impoundment ash to be excavated and beneficiated through the STAR plant process.
 - September 28, 2020 – STAR Plant in operation.

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
 - April 14, 2021 - DEQ approved Coal Ash Excavation Plan.
- Approved Final Closure Plan
 - Ash continues to be excavated and trucked to two concrete processing plants in South Carolina.

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

- No update this quarter.

Brickhaven No. 2, Mine Track “A,” 1910–STRUC–2015 – Chatham County

- May 7, 2021 – Facility submitted response to DEQ’s response to Final Assessment Report
- April 9, 2021 – DEQ issued response to Final Assessment Report

Colon Mine Site – Lee County, 5306–STRUC–2015

- No update this quarter.

Inventory of structural fills greater than 10,000 cy, per Session Law 2014 122:

<http://deq.nc.gov/about/divisions/waste-management/solid-waste-section/coal-combustion-byproducts>.

Groundwater Assessment and Corrective Action

Roxboro Steam Station Gypsum Storage Pad (CCB0003)

- No update this quarter.

Belews Creek Steam Station Structural Fill (CCB0070)

- March 2, 2021 – DEQ issued response letter to CSA.

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

- April 30, 2021 – DEQ approved revised WQMP.
- April 26, 2021 – Duke submitted revised WQMP.

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
 - GASTO-061 (ALLEN ACTIVE ASH BASIN DAM)
 - No update this quarter.
- Erosion and Sediment Control and Construction Storm Water
 - GASTO-2020-021 –Allen CAMA CAP Pilot Well Installation.
 - 02/19/21 – Received.
 - 03/04/21 – Approved.
 - GASTO-2021-014 – Allen South Starter Landfill Construction Plan
 - 03/24/21 – Received.
 - 03/26/21 – Approved.
 - GASTO-2021-025 – Allen SW Diversion for Active Ash Basin Closure Express Plan
 - 05/11/2021 – Received.
 - 5/13/2021 – Approved.
- NPDES Storm Water
 - No update this quarter.

Asheville Steam Electric Plant

- 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.

Belews Creek Steam Station

- Dam Safety
 - STOKE-116 (BELEWS CREEK ACTIVE ASH BASIN DAM)
 - 03/08/21 – Received submittal for the modification of the existing dam in order to accommodate the planned closure of the ash basin and construction of the landfill for STOKE-116 Scope 10.
 - 04/07/21 – Regional comments submitted to Dam Safety.

- 03/10/21 – Request for regional comments by Winston-Salem Regional Office.
- STOKE-120 (BELEWS CREEK HOLDING BASIN DAM)
 - 03/09/21 – Received submittal for the modification of the existing dam in order to accommodate the planned closure of the ash basin and construction of the landfill for STOKE-120 Scope 2.
 - 04/07/21 – Regional comments submitted to Dam Safety.
 - 03/10/21 – Request for regional comments by Winston-Salem Regional Office.
- STOKE-121 (BELEWS CREEK RETENTION BASIN DAM)
 - 03/08/21 – Received submittal for the modification of the existing dam in order to accommodate the planned closure of the ash basin and construction of the landfill for STOKE-121 Scope 3.
 - 04/07/21 – Regional comments submitted to Dam Safety.
 - 03/10/21 – Request for regional comments by Winston-Salem Regional Office.
- Erosion and Sediment Control and Construction Storm Water
 - STOKE-2020-007 – Belews Creek BC-159 East Pine Hall Road Future Storm Water Reroute
 - 02/25/21 – Express revision received.
 - 02/26/21 – Approved.
 - STOKE-2021-008 – Belews Creek Ash Basin Landfill E&SC
 - 04/23/21- Express revision received.
 - 04/28/21 – Approved.
- NPDES Storm Water
 - NCS000573 (Belews Creek Steam Station)
 - 04/13/21 – Tier III request for additional information issued by Winston-Salem Regional Office.
 - 05/17/21 – Additional information received and currently under review.

Buck Combined Cycle Station

- Dam Safety
 - ROWAN-079 (BUCK RETENTION BASIN DAM)
 - 12/14/20 – Received submittal for a jurisdictional determination and hazard classification request for ROWAN-079.
 - ROWAN-071
 - 04/27/21 – EAP Level 3 activated, due to erosion at the toe of the dam from a separated backwash discharge line associated with the wastewater treatment system.
 - 05/13/21 – EAP Level 3 terminated.
 - 05/07/21 – Verbal approval given on 5/7/21.
 - 05/05/21 – Emergency repair plans submitted to Dam Safety.

- 04/28/21 – Field inspection conducted by staff from DEMLR.
- Erosion and Sediment Control and Construction Storm Water
 - No update this quarter.
- NPDES Storm Water
 - No update this quarter.

Cape Fear Steam Electric Plant

- Dam Safety
 - CHATH-078 (CAPE FEAR 1978 ASH POND DAM)
 - 04/15/21 – Annual dam safety inspection performed
 - 05/19/21 – NOI issued.
 - CHATH-077 (CAPE FEAR 1970 ASH POND DAM)
 - 04/15/21 – Annual dam safety inspection performed/recommended NOD.
 - CHATH-076 (CAPE FEAR 1963 ASH BASIN DAM)
 - 04/15/21 – Annual dam safety inspection performed/recommended NOD.
 - CHATH-022 (BUCKHORN LAKE DAM)
 - 03/30/21 – Received revised submittal for the lowering of the crest of the existing earthen embankment in order to improve factors of safety on the downstream slopes of the embankment, and lessening the lateral forces on the eastern abutment wall for CHATH-022 Scope 3.
 - CHATH-075 (CAPE FEAR 1956 ASH BASIN DAM)
 - 04/26/21 – Certificate of Approval to Repair issued.
 - 04/15/21 – Annual dam safety inspection performed/recommended NOD.
 - 03/19/21 – Received revised submittal to widen the existing access ramp to support ash excavation activities for CHATH-075 Scope 7.
 - CHATH-079 (CAPE FEAR 1985 ASH BASIN DAM)
 - 04/16/21 – Certificate of Final Approval to Repair issued.
 - 04/15/21 – Annual dam safety inspection performed
 - 05/19/21 – NOI issued.
 - 04/15/21 – As-Built inspection performed.
- NPDES Storm Water
 - CHATH-2021-005
 - No update this quarter.

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

- Dam Safety
 - No update this quarter.
- Erosion and Sediment Control and Construction Storm Water
 - CLEVE-2020-014 – Ph III Rogers CCP Landfill Construction Stockpiles
 - 03/16/21 – Express revision received.
 - 03/31/21 – Approved.
 - CLEVE-2021-022 – Unit 5 Inactive Ash Basin-Closure Excavation Phase 1
 - 03/16/21 – Express plan received.

- 03/31/21 – Disapproved.
 - 05/04/21 – Revised plan received and is currently under review.
- NPDES Storm Water
 - No update this quarter.

Dan River Combined Cycle Station

- Dam Safety
 - ROCKI-237 (DAN RIVER ACTIVE PRIMARY ASH BASIN DAM)
 - 12/18/18 – Received submittal for the dam decommissioning plan sequence C for ROCKI-237 Scope 12.
 - 04/19/21 – Certificate of Final Approval to Breach issued.
 - 04/01/21 – As-Built inspection performed.
 - 02/16/21 – As-Built received.
 - 02/05/18 – Received revised submittal for the dam decommissioning plan sequence A for ROCKI-237 Scope 10.
 - 04/16/21 – Certificate of Final Approval to Modify issued.
 - 04/01/21 – As-Built inspection performed.
 - 02/16/21 – As-Built received.
 - ROCKI-238 (DAN RIVER ACTIVE SECONDARY ASH BASIN DAM)
 - 12/18/18 – Received submittal for the dam decommissioning plan sequence C for ROCKI-238 Scope 8.
 - 04/19/21 – Certificate of Final Approval to Breach issued.
 - 04/01/21 – As-Built inspection performed.
 - 02/16/21 – As-Built received.
 - 07/16/18 – Received revised submittal for the dam decommissioning plan sequence B for ROCKI-238 Scope 7.
 - 04/16/21 – Certificate of Final Approval to Modify issued.
 - 04/16/21 – Change of Engineer of Record approval issued.
 - 04/13/21 – Change of Engineer of Record requested.
 - 04/01/21 – As-Built inspection performed.
 - 02/16/21 – As-Built received.
- Erosion and Sediment Control and Construction Storm Water
 - ROCKI-2017-016 – Dan River Decommissioning
 - 04/1/21 – Closure Inspection – Compliant.
 - ROCKI-2018-012 – Dan River Landfill Construction Addendum 8
 - 04/1/21 – Inspection – Compliant.
- NPDES Storm Water
 - 04/13/21 – Site inspection with recommendation to remove Outfall SW010 from the permit issued by Winston-Salem Regional Office.
 - 02/17/21 – Permit renewal application update request received – request for removal of Outfall SW010 from the permit.

H.F. Lee Energy Complex

- Dam Safety
 - WAYNE-009 (HF LEE COOLING LAKE DAM)
 - 03/24/20 – Received revised submittal for the removal of vegetation along the original dam spillway for WAYNE-009 Scope 7.
 - 05/10/21 – Certificate of Final Approval to Repair issued.
 - 05/04/21 – As-Built inspection performed.
 - 02/09/21 – As-Built received.
 - 05/04/21 – Annual Inspection.
 - 05/17/21 – NOI letter mailed out.
 - WAYNE-022 (HF LEE ACTIVE ASH BASIN DAM)
 - 05/18/21 – Orientation Inspected with Joshua Langdon of Emergency Management.
 - 05/04/21 – Annual Inspection.
 - 05/17/21 – NOI letter mailed out.
 - WAYNE-031 (HF LEE INACTIVE ASH BASIN #1 DAM)
 - 05/18/21 – Orientation Inspected with Joshua Langdon of Emergency Management.
 - 05/04/21 – Annual Inspection.
 - 05/14/21 – NOD letter drafted (not sure if signed by George yet).
 - 03/03/21 – Thom Edgerton Inspected.
 - WAYNE-032 (HF LEE INACTIVE ASH BASIN #2 DAM)
 - 03/02/21 – Partial Failure.
 - 05/12/21 – Response to NOD received.
 - 03/29/21 – NOD issued.
 - 03/03/21 – Partial Failure site inspected by Thom Edgerton.
 - 03/31/21 – Received revised submittal for the relocation of a 200-foot section of dam near Half-Mile Branch Stream for WAYNE-032 Scope 6.
 - 04/28/21 - Change of Engineer of Record approval issued.
 - 04/28/21 – Change of Engineer of Record requested.
 - 04/27/21 – Certificate of Approval to Modify issued.
 - 05/04/21 – Annual Inspection.
 - 05/14/21 – NOD letter drafted (not sure if signed by George yet)
 - 05/18/21 – Orientation Inspection with Joshua Langdon of Emergency Management.
 - WAYNE-033 (HF LEE INACTIVE ASH BASIN #3 DAM)
 - 05/04/21 – Annual Inspection.
 - 05/14/21 - NOD letter drafted (not sure if signed by George yet).
 - 03/30/21 – Received revised submittal for the construction of a truck access ramp from the dike crest to the water treatment pad -WAYNE-033 Scope 6.
 - 04/26/21 – Certificate of Approval to Repair issued.
 - 03/03/21 – Inspected by Thom Edgerton.
- Erosion and Sediment Control and Construction Storm Water

- No update this quarter.
- NPDES Storm Water
 - No update this quarter.

Marshall Steam Station

- Dam Safety
 - No update this quarter.
- Erosion and Sediment Control and Construction Storm Water
 - CATAW-2021-013 – Marshall Phase 2 Industrial Landfill
 - 04/01/21 – Approved with modifications.
 - 03/19/21 – Revised plan received.
 - 03/05/21 – Disapproved.
 - 02/05/21 – Plan received.
 - CATAW-2020-017 Marshall CAMA CAP Pilot Well Installation
 - 02/19/21 – Approved.
 - 02/11/21 – Revised plan received.
 - CATAW-2021-015 Marshall Construction Laydown Area
 - 02/18/21 – Approved.
 - 02/16/21 – Express plan received.
 - CATAW-2021-057 – Marshall Industrial Landfill Leachate –
 - 03/31/21 - Approved.
 - 2/26/21 - Express plan received.
- NPDES Storm Water (NCS000548)
 - 03/29/21 – Renewal of NPDES SW Permit

Mayo Steam Electric Plant

- Dam Safety
 - PERSO-034 (MAYO LAKE DAM)
 - 02/23/21 – Received submittal for the abandonment of existing 10" minimum flow conduit and replacing with two siphon across dam face, and the installation of a temporary mechanical bulkhead inside the 72" discharge conduit for secondary mitigation of potential release of water for PERSO-034 Scope 2 Addendum 1.
 - 03/22/21 – Certificate of Approval to Repair issued.
 - 01/29/21 – Received submittal for the removal of trees and rootballs along the north and south side of the primary spillway for PERSO-034 Scope 3.
 - 04/12/21 – Certificate of Approval to Repair issued.
 - PERSO-036 (MAYO FGD SETTLING POND)
 - 04/30/21 – Annual dam safety inspection-breached.
 - PERSO-037 (MAYO FGD FLUSH POND DAM)
 - 04/30/21 – Annual dam safety inspection -breached
 - PERSO-049 (MAYO FGD SETTLING POND DAM)
 - 04/30/21 – Annual dam safety inspection- No problems noted

- PERSO-050 (MAYO RETENSION BASIN DAM)
 - 04/30/21 – Annual dam safety inspection- No problems noted
- Erosion and Sediment Control and Construction Storm Water
 - PERSO-2020-006 – Mayo Steam Plant Ash Basin Finger Dewatering-
 - Project complete and closed out.
 - PERSO-2021-014 – East Ash Basin SE diversion channel-
 - Not started yet.
- NPDES Storm Water
 - No update this quarter.

Riverbend Steam Station

- 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.

Roxboro Steam Electric Plant

- Dam Safety
 - PERSO-038 (ROXBORO WEST ASH BASIN DAM)
 - 04/29/21 – Annual dam safety inspection.
 - No problems noted.
 - PERSO-039 (ROXBORO WEST ASH BASIN ROCK FILTER DAM)
 - 04/29/21 – Annual dam safety inspection.
 - No problems noted.
 - PERSO-040 (ROXBORO WEST FGD ASH POND DAM)
 - 04/29/21 – Annual dam safety inspection- in process of breaching/decommissioning.
 - PERSO-041 (ROXBORO EAST FGD SETTLING POND DAM)
 - 04/29/21 – Annual dam safety inspection- in process of breaching/decommissioning.
 - PERSO-042 (ROXBORO FORWARD FLUSH POND DAM)
 - 04/29/21 – Annual dam safety inspection- in process of breaching/decommissioning.
 - PERSO-047 (ROXBORO HOLDING BASIN DAM)
 - 04/29/21 – Annual dam safety inspection.
 - No problems noted.
 - PERSO-048 (ROXOBORO RETENSION BASIN DAM)
 - 4/29/21 – Annual dam safety inspection.
 - No problems noted.
- Erosion and Sediment Control and Construction Storm Water
 - PERSO-2021-013 – Removal of LCID Landfill

- Not started yet.
- PERSO-2021-004 – CAMA Landfill Expansion Hydro Study
 - Not started yet.
- PERSO-2020-009 – Landfill Ph7-9 Design Hydro Study
 - Project complete and closed out.
- PERSO-2019-011 – Off site Borrow Source
 - Project complete and closed out.
- NPDES Storm Water
 - 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
 - No update this quarter.

Colon Mine Permit 53-05

- Dam Safety
 - No update this quarter.
- Erosion and Sediment Control
 - No update this quarter.
- Mining
 - 05/06/21 – Response received with corrections and application under review.
 - 04/16/21 – Additional Information request sent for map corrections.
 - 03/09/21 – Modification Application received to return Reclamation Plan to pre-coal ash Reclamation plan.
- NPDES Storm Water
 - No update this quarter.

W. H. Weatherspoon Power Plant

- 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.

Dam Status

Plant Name	NAME	NC STATE-ID	DAM STATUS
Allen Steam Station	Allen Active Ash Basin Dam	GASTO-061	ACTIVE
Allen Steam Station	Allen Inactive Ash Basin Dam	GASTO-016	INACTIVE
Allen Steam Station	Allen Retention Basin Dam	GASTO-324	ACTIVE
Asheville Steam Electric Plant	Lake Julian Dam	BUNCO-088	ACTIVE
Asheville Steam Electric Plant	Asheville 1982 Ash Pond Dam	BUNCO-089	DECOMISSIONED
Asheville Steam Electric Plant	Asheville 1964 Ash Pond Dam	BUNCO-097	ON-GOING DECOMISSION
Asheville Steam Electric Plant	Asheville Lined Retention Basin Dam	BUNCO-101	ON-GOING DECOMISSION
Asheville Steam Electric Plant	North Stormwater Pond Dam	BUNCO-504	ON-GOING CONSTRUCTION
Asheville Steam Electric Plant	South Stormwater Pond Dam	BUNCO-505	ON-GOING CONSTRUCTION
Belews Creek Steam Station	Belews Creek Active Ash Basin Dam	STOKE-116	ACTIVE
Belews Creek Steam Station	Belews Lake Dam	ROCKI-236	ACTIVE
Belews Creek Steam Station	Belews Lake Saddle Dike #1 Dam	STOKE-117	ACTIVE
Belews Creek Steam Station	Belews Lake Saddle Dike #2 Dam	STOKE-118	ACTIVE
Belews Creek Steam Station	Belews Lake Saddle Dike #3 Dam	STOKE-119	ACTIVE
Belews Creek Steam Station	Belews Lake Saddle Dike #4 Dam	ROCKI-235	ACTIVE
Belews Creek Steam Station	Belews Creek Chemical Pond Dam	STOKE-115	ACTIVE
Belews Creek Steam Station	Belews Creek Retention Basin Dam	STOKE-121	ACTIVE

Belews Creek Steam Station	Belews Creek Holding Basin Dam	STOKE-120	ACTIVE
Belews Creek Steam Station	Belews Creek South Coal Pile Dam	STOKE-123	ACTIVE
Belews Creek Steam Station	Belews Creek North Coal Pile Dam	STOKE-122	ACTIVE
Buck Combined Cycle Station	Buck Main Ash Basin Dam	ROWAN-047	ACTIVE
Buck Combined Cycle Station	Buck Ash Basin #1 Dam	ROWAN-068	ACTIVE
Buck Combined Cycle Station	Buck Basin #1 to Basin #2 Dam	ROWAN-069	ACTIVE
Buck Combined Cycle Station	Buck Basin #2 to Basin #3 Dam	ROWAN-070	ACTIVE
Buck Combined Cycle Station	Buck Ash Basin Divider Dam	ROWAN-071	ACTIVE
Buck Combined Cycle Station	Buck Fuel Containment Dam	ROWAN-072	DECOMISSIONED
Buck Combined Cycle Station	Buck Beneficial Ash Wet Pond	ROWAN-076	ACTIVE
Buck Combined Cycle Station	Buck Beneficial Ash Dry Pond	ROWAN-075	ACTIVE
Buck Combined Cycle Station	Buck Retention Basin Dam	ROWAN-079	ACTIVE
Cape Fear Steam Electric Plant	Buckhorn Lake Dam	CHATH-022	ACTIVE
Cape Fear Steam Electric Plant	Cape Fear 1956 Ash Pond Dam	CHATH-075	INACTIVE
Cape Fear Steam Electric Plant	Cape Fear 1963 Ash Pond Dam	CHATH-076	INACTIVE
Cape Fear Steam Electric Plant	Cape Fear 1970 Ash Pond Dam	CHATH-077	INACTIVE
Cape Fear Steam Electric Plant	Cape Fear 1978 Ash Pond Dam	CHATH-078	INACTIVE
Cape Fear Steam Electric Plant	Cape Fear 1985 Ash Pond Dam	CHATH-079	ACTIVE
Cape Fear Steam Electric Plant	Cape Fear Flood Control Dam	CHATH-080	DECOMISSIONED
James E. Rogers Energy Complex (Cliffside Steam Station)	Cliffside River Dam	CLEVE-053	ACTIVE
James E. Rogers Energy Complex (Cliffside Steam Station)	Cliffside Inactive Ash Basin #5 Main Dam	RUTHE-070	INACTIVE

James E. Rogers Energy Complex (Cliffside Steam Station)	Cliffside Inactive Ash Basin #5 Saddle Dam	RUTHE-072	INACTIVE
James E. Rogers Energy Complex (Cliffside Steam Station)	Cliffside Active Ash Basin Upstream Dam	CLEVE-050	INACTIVE
James E. Rogers Energy Complex (Cliffside Steam Station)	Cliffside Active Ash Basin Downstream Dam	CLEVE-049	INACTIVE
James E. Rogers Energy Complex (Cliffside Steam Station)	Cliffside Retention Basin Dam (Formerly Inactive Ash Basin #1-4 Main Dam)	CLEVE-047	ACTIVE
James E. Rogers Energy Complex (Cliffside Steam Station)	Cliffside Active Ash Basin Internal Dam	CLEVE-054	INACTIVE
Dan River Combined Cycle Station	Dan River Active Primary Ash Basin Dam	ROCKI-237	DECOMISSIONED
Dan River Combined Cycle Station	Dan River Active Secondary Ash Basin Dam	ROCKI-238	DECOMISSIONED
Dan River Combined Cycle Station	Dan River Service Water Settling Pond Dam	ROCKI-241	ACTIVE
Dan River Combined Cycle Station	Dan River Low Head Diversion Dam	ROCKI-239	ACTIVE
H.F. Lee Energy Complex	H.F. Lee Cooling Lake Dam	WAYNE-009	ACTIVE
H.F. Lee Energy Complex	H.F. Lee Active Ash Basin Dam	WAYNE-022	INACTIVE
H.F. Lee Energy Complex	H.F. Lee Inactive Ash Basin 1 Dam	WAYNE-031	INACTIVE
H.F. Lee Energy Complex	H.F. Lee Inactive Ash Basin 2 Dam	WAYNE-032	INACTIVE
H.F. Lee Energy Complex	H.F. Lee Inactive Ash Basin 3 Dam	WAYNE-033	INACTIVE
H.F. Lee Energy Complex	H.F. Lee Permanent Stormwater Pond Dam	WAYNE-036	ACTIVE
H.F. Lee Energy Complex	H.F. Lee Triangular Pond Dam	WAYNE-034	DECOMISSIONED
Marshall Steam Station	Marshall Active Ash Basin Dam	CATAW-054	INACTIVE
Marshall Steam Station	Marshall Retention Basin Dam	CATAW-076	ACTIVE

Marshall Steam Station	Marshall Holding Basin Dam	CATAW-075	ACTIVE
Marshall Steam Station	Marshall West Temporary SWP	CATAW-077	ACTIVE
Marshall Steam Station	Marshall East Temporary SWP	CATAW-078	DECOMISSIONED
Mayo Steam Electric Plant	Mayo Lake Dam	PERSO-034	ACTIVE
Mayo Steam Electric Plant	Mayo Active Ash Pond Dam	PERSO-035	INACTIVE
Mayo Steam Electric Plant	Mayo FGD Settling Pond Dam	PERSO-036	DECOMISSIONED
Mayo Steam Electric Plant	Mayo FGD Flush Pond Dam	PERSO-037	DECOMISSIONED
Mayo Steam Electric Plant	Mayo Coal Pile Dam	PERSO-046	ACTIVE
Mayo Steam Electric Plant	Mayo FGD Settling Basin Dam	PERSO-049	ACTIVE
Mayo Steam Electric Plant	Mayo Retention Basin Dam	PERSO-050	ACTIVE
Riverbend Steam Station	Riverbend Active Primary Ash Basin Dam	GASTO-097	DECOMISSIONED
Riverbend Steam Station	Riverbend Active Secondary Ash Basin Dam	GASTO-098	DECOMISSIONED
Riverbend Steam Station	Riverbend Intermediate Dam	GASTO-099	DECOMISSIONED
Riverbend Steam Station	Riverbend Fuel Containment Dam	GASTO-105	DECOMISSIONED
Roxboro Steam Electric Plant	Lake Hyco Dam	PERSO-002	ACTIVE
Roxboro Steam Electric Plant	Roxboro Afterbay Dam Reservoir	PERSO-013	ACTIVE
Roxboro Steam Electric Plant	Roxboro West Ash Basin Dam	PERSO-038	ACTIVE
Roxboro Steam Electric Plant	Roxboro West Ash Basin Rock Filter Dam	PERSO-039	ACTIVE
Roxboro Steam Electric Plant	Roxboro West FGD Settling Pond Dam	PERSO-040	ON-GOING DECOMISSION
Roxboro Steam Electric Plant	Roxboro East FGD Settling Pond Dam	PERSO-041	ON-GOING DECOMISSION
Roxboro Steam Electric Plant	Roxboro FGD Forward Flush Pond Dam	PERSO-042	ON-GOING DECOMISSION
Roxboro Steam Electric Plant	Roxboro East Ash Basin Dam	PERSO-033	ACTIVE
Roxboro Steam Electric Plant	Roxboro Intake Pond Dam	PERSO-043	ACTIVE

Roxboro Steam Electric Plant	Roxboro Retention Basin Dam	PERSO-048	ACTIVE
Roxboro Steam Electric Plant	Roxboro Holding Basin Dam	PERSO-047	ACTIVE
L. V. Sutton Energy Complex	Sutton 1984 Ash Basin Dam	NEWHA-005	DECOMISSIONED
L. V. Sutton Energy Complex	Sutton 1971 (1983) Ash Basin Dam	NEWHA-004	DECOMISSIONED
L. V. Sutton Energy Complex	Sutton 1972 Cooling Lake Dam	NEWHA-003	ACTIVE
W. H. Weatherspoon Power Plant	Weatherspoon Cooling Lake Dam	ROBES-004	ACTIVE
W. H. Weatherspoon Power Plant	Weatherspoon 1979 Ash Basin Dam	ROBES-009	ACTIVE