



NORTH CAROLINA
Environmental Quality

ROY COOPER
Governor

ELIZABETH S. BISER
Secretary

MEMORANDUM

TO: HOUSE AND SENATE MEMBERS WITH COAL ASH PONDS IN THEIR DISTRICTS

FROM: Joy Hicks
Senior Director of Governmental Affairs and Policy

SUBJECT: Coal Combustion Residuals Surface Impoundment in Member's Districts

DATE: October 1, 2022

Pursuant to GS 130A-309.204(b),

On or before October 1 of each year, the Department shall report to each member of the General Assembly who has a coal combustion residuals surface impoundment in the member's district. This report shall include the location of each impoundment in the member's district, the amount of coal combustion residuals known or believed to be located in the impoundment, the last action taken at the impoundment, and the date of that last action.

Comments concerning the annual report are as follows:

- All volumes were provided by Duke Energy as of July 31, 2022.
- Coal Ash Ponds are sorted by NC House District and NC Senate District.
- The table "Summary of Last Action Taken" covers two programs and lists multiple actions in summary fashion.

The attached report satisfies this reporting requirement.

If you have any questions or need additional information, please contact me by phone at (919) 707-8400 or via email at hannah.gilmore@ncdenr.gov.

cc: Sushma Masemore, Assistant Secretary for Environment, NCDEQ
Richard Rogers, Jr., Director of Water Resources, NCDEQ



North Carolina Department of Environmental Quality
217 West Jones Street | 1601 Mail Service Center | Raleigh, North Carolina 27699-1601
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North Carolina Department of Environmental Quality

Division of Water Resources

Annual Coal Ash Report to the General Assembly October 1, 2022

This report is submitted to meet the requirements of GS 130A-309.204(b), which requires annual reporting on coal combustion residuals surface impoundments in North Carolina.



North Carolina Department of Environmental Quality

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| Location of Each Ash Pond | |
|---|--|
| Duke Energy Facility Name | Address |
| Allen Steam Station | 253 Plant Allen Rd., Belmont, NC 28012 |
| Asheville Steam Electric Plant | 200 CP&L Dr., Arden, NC 28704 |
| Belews Creek Steam Station | 3195 Pine Hall Rd., Belews Creek, NC 27009 |
| Buck Combined Cycle Station | 1555 Dukeville Rd., Salisbury, NC 28146 |
| Cape Fear Steam Electric Plant | 500 CP&L Rd., Moncure, NC 27559 |
| James E. Rogers Energy Complex (formerly Cliffside Steam Station) | 573 Duke Power Rd., Mooresboro, NC 28114 |
| Dan River Combined Cycle Station | 900 South Edgewood Rd., Eden, NC 27288 |
| H. F. Lee Energy Complex | 1677 Old Smithfield Rd., Goldsboro, NC 27530 |
| Marshall Steam Station | 8320 East NC Hwy. 150, Terrell, NC 28682 |
| Mayo Steam Electric Plant | 10660 Boston Rd., Roxboro, NC 27573 |
| Riverbend Steam Station | 175 Steamplant Station, Mount Holly, NC 28120 |
| Roxboro Steam Electric Plant | 1700 Dunnaway Rd., Semora, NC 27343 |
| L. V. Sutton Energy Complex | 801 Sutton Steam Plant Rd., Wilmington, NC 28401 |
| W. H. Weatherspoon Power Plant | 491 Power Plant Rd., Lumberton, NC 28358 |

| Coal Ash Ponds by North Carolina House Districts | | | | |
|--|----------------------------------|---|-----------------------|--|
| NC House District | Facility | Impoundment Designation | Status ^{1,2} | Coal Ash Inventory in Tons (per Duke Energy as of July 31, 2022) |
| 2 | Mayo Steam Electric Plant | Mayo Ash Pond | Inactive | 6,255,000 |
| 2 | Roxboro Steam Electric Plant | Roxboro West Ash Pond | Active | 12,655,000 |
| 2 | Roxboro Steam Electric Plant | Roxboro East Ash Pond (including ash stack) | Inactive | 6,731,000 |
| 4 | H.F. Lee Energy Complex | H.F. Lee Active Ash Pond | Inactive | 3,496,000 |
| 4 | H.F. Lee Energy Complex | H.F. Lee Ash Triangle Pond | Inactive | 9,000 |
| 10 | H.F. Lee Energy Complex | H.F. Lee Ash Pond 1 | Inactive | 233,000 |
| 10 | H.F. Lee Energy Complex | H.F. Lee Ash Pond 2 | Inactive | 464,000 |
| 10 | H.F. Lee Energy Complex | H.F. Lee Ash Pond 3 | Inactive | 743,000 |
| 18 | L.V. Sutton Energy Complex | Sutton 1971 Ash Pond | Inactive | 0 |
| 18 | L.V. Sutton Energy Complex | Sutton 1984 Ash Pond | Inactive | 0 |
| 46 | W. H. Weatherspoon Power Plant | Weatherspoon 1979 Ash Pond | Inactive | 756,000 |
| 54 | Cape Fear Steam Electric Plant | Cape Fear 1956 Ash Pond | Inactive | Approx. 0 |
| 54 | Cape Fear Steam Electric Plant | Cape Fear 1963 Ash Pond | Inactive | 859,000 |
| 54 | Cape Fear Steam Electric Plant | Cape Fear 1970 Ash Pond | Inactive | 839,000 |
| 54 | Cape Fear Steam Electric Plant | Cape Fear 1978 Ash Pond | Inactive | 765,000 |
| 54 | Cape Fear Steam Electric Plant | Cape Fear 1985 Ash Pond | Inactive | 2,595,000 |
| 65 | Dan River Combined Cycle Station | Dan River Active Primary Ash Basin | Inactive | 0 |
| 65 | Dan River Combined Cycle Station | Dan River Active Secondary Ash Basin | Inactive | 0 |
| 76 | Buck Combined Cycle Station | Buck Steam Station Basin 1 | Inactive | 3,135,000 |
| 76 | Buck Combined Cycle Station | Buck Steam Station Basin 2 | Inactive | 1,842,000 |
| 76 | Buck Combined Cycle Station | Buck Steam Station Basin 3 | Inactive | 864,000 |



| | | | | |
|-----|--------------------------------|--------------------------------------|----------|------------|
| 89 | Marshall Steam Station | Marshall Active Ash Basin | Active | 15,930,000 |
| 91 | Belews Creek Steam Station | Belews Creek Active Ash Basin | Active | 11,971,000 |
| 108 | Riverbend Steam Station | Riverbend Primary & Secondary Basins | Inactive | 0 |
| 109 | Allen Steam Station | Allen Active Ash Basin | Active | 10,972,000 |
| 109 | Allen Steam Station | Allen Retired Ash Basin | Inactive | 5,660,000 |
| 111 | James E. Rogers Energy Complex | Cliffside Active Ash Basin | Active | 4,842,000 |
| 111 | James E. Rogers Energy Complex | Cliffside Inactive Ash Basin 1-4 | Inactive | 0 |
| 112 | James E. Rogers Energy Complex | Cliffside Inactive Ash Basin #5 | Inactive | 1,158,000 |
| 116 | Asheville Steam Electric Plant | Asheville 1964 Ash Pond | Inactive | 0 |
| 116 | Asheville Steam Electric Plant | Asheville 1982 Ash Pond | Inactive | 0 |

¹Active and Inactive are NOT receiving either sluiced fly ash or bottom ash.

²Quantities subject to change based on continuing ash excavation, as applicable. In addition, detailed in-situ field data acquisition and analysis in support of ash basin closure planning may yield revised ash quantities.

| Coal Ash Ponds by North Carolina Senate Districts | | | | |
|--|----------------------------------|--------------------------------------|-----------------------------|---|
| NC Senate District | Facility | Impoundment Designation | Status^{1,2} | Coal Ash Inventory in Tons (per Duke Energy as of July 31, 2022) |
| 7 | H.F. Lee Energy Complex | H.F. Lee Active Ash Pond | Inactive | 3,496,000 |
| 7 | H.F. Lee Energy Complex | H.F. Lee Ash Triangle Pond | Inactive | 9,000 |
| 7 | H.F. Lee Energy Complex | H.F. Lee Ash Pond 1 | Inactive | 233,000 |
| 7 | H.F. Lee Energy Complex | H.F. Lee Ash Pond 2 | Inactive | 464,000 |
| 7 | H.F. Lee Energy Complex | H.F. Lee Ash Pond 3 | Inactive | 743,000 |
| 9 | L.V. Sutton Energy Complex | Sutton 1971 Ash Pond | Inactive | 0 |
| 9 | L.V. Sutton Energy Complex | Sutton 1984 Ash Pond | Inactive | 0 |
| 13 | W. H. Weatherspoon Power Plant | Weatherspoon 1979 Ash Pond | Inactive | 756,000 |
| 22 | Mayo Steam Electric Plant | Mayo Ash Pond | Inactive | 6,255,000 |
| 22 | Roxboro Steam Electric Plant | Roxboro West Ash Pond | Active | 12,655,000 |
| 22 | Roxboro Steam Electric Plant | Roxboro East Ash Pond | Inactive | 6,731,000 |
| 23 | Cape Fear Steam Electric Plant | Cape Fear 1956 Ash Pond | Inactive | Approx. 0 |
| 23 | Cape Fear Steam Electric Plant | Cape Fear 1963 Ash Pond | Inactive | 859,000 |
| 23 | Cape Fear Steam Electric Plant | Cape Fear 1970 Ash Pond | Inactive | 839,000 |
| 23 | Cape Fear Steam Electric Plant | Cape Fear 1978 Ash Pond | Inactive | 765,000 |
| 23 | Cape Fear Steam Electric Plant | Cape Fear 1985 Ash Pond | Inactive | 2,595,000 |
| 26 | Dan River Combined Cycle Station | Dan River Active Primary Ash Basin | Inactive | 0 |
| 26 | Dan River Combined Cycle Station | Dan River Active Secondary Ash Basin | Inactive | 0 |
| 30 | Belews Creek Steam Station | Belews Creek Active Ash Basin | Active | 11,971,000 |
| 34 | Buck Combined Cycle Station | Buck Steam Station Basin 1 | Inactive | 3,135,000 |
| 34 | Buck Combined Cycle Station | Buck Steam Station Basin 2 | Inactive | 1,842,000 |



| | | | | |
|----|--------------------------------|--------------------------------------|----------|------------|
| 34 | Buck Combined Cycle Station | Buck Steam Station Basin 3 | Inactive | 864,000 |
| 42 | Marshall Steam Station | Marshall Active Ash Basin | Active | 15,930,000 |
| 43 | Allen Steam Station | Allen Active Ash Basin | Active | 10,972,000 |
| 43 | Allen Steam Station | Allen Retired Ash Basin | Inactive | 5,660,000 |
| 44 | Riverbend Steam Station | Riverbend Primary & Secondary Basins | Inactive | 0 |
| 46 | James E. Rogers Energy Complex | Cliffside Active Ash Basin | Active | 4,842,000 |
| 46 | James E. Rogers Energy Complex | Cliffside Inactive Ash Basin 1-4 | Inactive | 0 |
| 47 | James E. Rogers Energy Complex | Cliffside Inactive Ash Basin #5 | Inactive | 1,158,000 |
| 48 | Asheville Steam Electric Plant | Asheville 1964 Ash Pond | Inactive | 0 |
| 48 | Asheville Steam Electric Plant | Asheville 1982 Ash Pond | Inactive | 0 |

¹Active and Inactive are NOT receiving either sluiced fly ash or bottom ash.

²Quantities subject to change based on continuing ash excavation, as applicable. In addition, detailed in-situ field data acquisition and analysis in support of ash basin closure planning may yield revised ash quantities.



| Impoundments and Summary of Last Action Taken | | |
|--|--|---|
| Impoundment Designation | Last Action Taken | Date of Last Action Taken |
| Allen Active Ash Basin | <u>Division of Water Resources</u> 1. Conditional approval of Corrective Action Plan sent to Duke Energy. Duke Energy is currently implementing the approved corrective actions. 2. NPDES Major permit modification issued and became effective. <u>Division of Energy, Mineral, and Land Resources</u> 3. Allen Active Ash Basin Dam (GASTO-061) – Issued approval to install temporary anchors on dam to support dewatering pumps. | 1. July 9, 2021 2. August 1, 2021 3. June 8, 2022 |
| Allen Retired Ash Basin | <u>Division of Water Resources</u> 1. Conditional approval of Corrective Action Plan sent to Duke Energy. Duke Energy is currently implementing the approved corrective actions. <u>Division of Energy, Mineral, and Land Resources</u> 2. Allen Inactive Ash Basin Dam (GASTO-016) - Certificate of Final Approval to Repair for Scope 7 Addendum 1 issued. | 1. July 9, 2021 2. March 14, 2018 |
| Asheville 1982 Ash Pond | <u>Division of Water Resources</u> 1. Comments sent back to Duke Energy on Updated Comprehensive Site Assessment. 2. NPDES minor permit modification was issued. 3. Basin excavated. <u>Division of Energy, Mineral, and Land Resources</u> 4. Asheville 1982 Ash Pond Dam (BUNCO-089) – Certificate of Final Approval to Breach for Scope 3 issued. | 1. July 14, 2021 2. July 8, 2021 3. February 2, 2018 4. March 15, 2018 |
| Asheville 1964 Ash Pond | <u>Division of Water Resources</u> 1. DEQ approves a request to leave a minor amount of coal ash in the basin due to safety concerns. 2. Basin under excavation. <u>Division of Energy, Mineral, and Land Resources</u> 3. Asheville 1964 Ash Pond Dam (BUNCO-097) – Certificate of Approval to Breach for Scope 8 issued. | 1. May 27, 2022 2. In progress 3. March 23, 2020 |
| Belews Creek Active Ash Basin | <u>Division of Water Resources</u> 1. Conditional approval of Corrective Action Plan sent to Duke Energy. Duke Energy is currently implementing the approved corrective actions. 2. NPDES permit effective. <u>Division of Energy, Mineral, and Land Resources</u> 3. Belews Creek Active Ash Basin Dam (STOKE-116) – Certificate of Approval to Modify for Scope 10 issued. | 1. July 7, 2021 2. March 25, 2019 3. June 30, 2021 |
| Buck Steam Station Basin 1 | <u>Division of Water Resources</u> 1. Comments sent back to Duke Energy on Updated Comprehensive Site Assessment. 2. NPDES major modification became effective. | 1. July 12, 2021 2. August 1, 2020 3. August 24, 2022 4. August 24, 2022 |



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| | <u>Division of Energy, Mineral, and Land Resources</u> 3. Buck Main Ash Basin Dam (ROWAN-047) – Conducted Annual Inspection. 4. Buck Ash Basin #1 Dam (ROWAN-068) – Conducted Annual Inspection. | |
| Buck Steam Station Basin 2 | <u>Division of Water Resources</u> 1. Comments sent back to Duke Energy on Updated Comprehensive Site Assessment. 2. NPDES major modification became effective. <u>Division of Energy, Mineral, and Land Resources</u> 3. Buck Basin #1 to Basin #2 Dam (ROWAN-069) – Conducted Annual Inspection. | 1. July 12, 2021 2. August 1, 2020 3. August 24, 2022 |
| Buck Steam Station Basin 3 | <u>Division of Water Resources</u> 1. Comments sent back to Duke Energy on Updated Comprehensive Site Assessment. 2. NPDES major modification became effective. <u>Division of Energy, Mineral, and Land Resources</u> 3. Buck Basin #2 to Basin #3 Dam (ROWAN-070) – Conducted Annual Inspection. | 1. July 12, 2021 2. August 1, 2020 3. August 24, 2022 |
| Cape Fear 1956 Ash Pond (Inactive) | <u>Division of Water Resources</u> 1. Comments sent back to Duke Energy on Updated Comprehensive Site Assessment. <u>Division of Energy, Mineral, and Land Resources</u> 2. Cape Fear 1956 Ash Pond Dam (CHATH-075) – Conducted annual inspection. | 1. July 14, 2021 2. April 29, 2022 |
| Cape Fear 1963 Ash Pond (Inactive) | <u>Division of Water Resources</u> 1. Comments sent back to Duke Energy on Updated Comprehensive Site Assessment. <u>Division of Energy, Mineral, and Land Resources</u> 2. Cape Fear 1963 Ash Pond Dam (CHATH-076) – Certificate of Approval to Repair extension 4 issued. | 1. July 14, 2021 2. November 2, 2020 |
| Cape Fear 1970 Ash Pond (Inactive) | <u>Division of Water Resources</u> 1. Updated Comprehensive Site Assessment submitted and comments sent back to Duke Energy. <u>Division of Energy, Mineral, and Land Resources</u> 2. Cape Fear 1970 Ash Pond Dam (CHATH-077) – Conducted annual inspection. | 1. July 14, 2021 2. April 29, 2022 |
| Cape Fear 1978 Ash Pond | <u>Division of Water Resources</u> 1. Comments sent back to Duke Energy on Updated Comprehensive Site Assessment. 2. NPDES major modification submitted. <u>Division of Energy, Mineral, and Land Resources</u> 3. Cape Fear 1978 Ash Pond Dam (CHATH-078) – Certificate of Final Approval to Repair for Scope 4 Addendum 1 issued. | 1. July 14, 2021 2. July 17, 2020 3. March 7, 2019 |
| Cape Fear 1985 Ash Pond | <u>Division of Water Resources</u> 1. Comments sent back to Duke Energy on Updated Comprehensive Site Assessment. 2. NPDES major modification submitted. <u>Division of Energy, Mineral, and Land Resources</u> | 1. July 14, 2021 2. July 17, 2020 3. April 29, 2022 |



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| | 3. Cape Fear 1985 Ash Pond Dam (CHATH-079) – Conducted annual inspection. | |
| Cliffside Active Ash Basin | <p><u>Division of Water Resources</u></p> <p>1. Conditional approval of Corrective Action Plan sent to Duke Energy. Duke Energy is currently implementing the approved corrective actions.</p> <p>2. NPDES major permit modification issued and became effective.</p> <p><u>Division of Energy, Mineral, and Land Resources</u></p> <p>3. Cliffside Active Ash Basin Upstream Dam (CLEVE-050) – Received submittal requesting a withdrawal of Scope 2.</p> <p>4. Cliffside Active Ash Basin Downstream Dam (CLEVE-049) – Certificate of Approval for Water Control issued.</p> | <p>1. July 9, 2021</p> <p>2. July 1, 2021</p> <p>3. April 16, 2020</p> <p>4. November 8, 2019</p> |
| Cliffside Inactive Ash Basin #5 | <p><u>Division of Water Resources</u></p> <p>1. Conditional approval of Corrective Action Plan sent to Duke Energy. Duke Energy is currently implementing the approved corrective actions.</p> <p><u>Division of Energy, Mineral, and Land Resources</u></p> <p>2. Cliffside Inactive Ash Basin #5 Main Dam (RUTHE-070) – Issued Certificate of Approval to Modify for Primary Spillway Abandonment.</p> | <p>1. July 9, 2021</p> <p>2. July 22, 2022</p> |
| Cliffside Inactive Ash Basin #1-4 | <p><u>Division of Water Resources</u></p> <p>1. Conditional approval of Corrective Action Plan sent to Duke Energy. Duke Energy is currently implementing the approved corrective actions.</p> <p>2. Basins excavated.</p> <p><u>Division of Energy, Mineral, and Land Resources</u></p> <p>3. Cliffside Retention Basin Dam (Formerly Inactive Ash Basin #1-4 Main Dam) (CLEVE-047) – Certificate of Final Approval to Modify for Scope 7 issued.</p> | <p>1. July 9, 2021</p> <p>2. August 10, 2018</p> <p>3. March 7, 2019</p> |
| Dan River Active Primary Ash Basin | <p><u>Division of Water Resources</u></p> <p>1. Conditional approval of Corrective Action Plan sent to Duke Energy. Duke Energy is currently implementing the approved corrective actions.</p> <p>2. Permit renewal application received.</p> <p>3. Basin excavated.</p> <p><u>Division of Energy, Mineral, and Land Resources</u></p> <p>4. Dan River Active Primary Ash Basin Dam (ROCKI-237) – Certificate of Final Approval to Breach for Scope 12 issued.</p> | <p>1. July 9, 2021</p> <p>2. June 3, 2021</p> <p>3. May 20, 2019</p> <p>4. April 19, 2021</p> |
| Dan River Active Secondary Ash Basin | <p><u>Division of Water Resources</u></p> <p>1. Conditional approval of Corrective Action Plan sent to Duke Energy. Duke Energy is currently implementing the approved corrective actions.</p> <p>2. Permit renewal application received.</p> <p>3. Basin excavated.</p> <p><u>Division of Energy, Mineral, and Land Resources</u></p> | <p>1. July 9, 2021</p> <p>2. June 3, 2021</p> <p>3. May 20, 2019</p> <p>4. April 19, 2021</p> |



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|--------------------------------|---|--|
| | 4. Dan River Active Secondary Ash Basin Dam (ROCKI-238) – Certificate of Final Approval to Breach for Scope 12 issued. | |
| H.F. Lee Ash Pond 1 (Inactive) | <u>Division of Water Resources</u> 1. Comments sent back to Duke Energy on Updated Comprehensive Site Assessment. <u>Division of Energy, Mineral, and Land Resources</u> 2. H.F. Lee Inactive Ash Basin 1 Dam (WAYNE-031) – Issued Final Approval to Repair. | 1. July 16, 2021 2. July 27, 2022 |
| H.F. Lee Ash Pond 2 (Inactive) | <u>Division of Water Resources</u> 1. Comments sent back to Duke Energy on Updated Comprehensive Site Assessment. <u>Division of Energy, Mineral, and Land Resources</u> 2. H.F. Lee Inactive Ash Basin 2 Dam (WAYNE-032) – Issued Final Approval to Repair. | 1. July 16, 2021 2. July 27, 2022 |
| H.F. Lee Ash Pond 3 (Inactive) | <u>Division of Water Resources</u> 1. Comments sent back to Duke Energy on Updated Comprehensive Site Assessment. <u>Division of Energy, Mineral, and Land Resources</u> 2. H.F. Lee Inactive Ash Basin 3 Dam (WAYNE-033) – Issued Final Approval to Repair. | 1. July 16, 2021 2. July 27, 2022 |
| H.F. Lee Active Ash Pond | <u>Division of Water Resources</u> 1. Comments sent back to Duke Energy on Updated Comprehensive Site Assessment. 2. NPDES draft permit was submitted for public notice. <u>Division of Energy, Mineral, and Land Resources</u> 3. H.F. Lee Active Ash Basin Dam (WAYNE-022) – Updated Emergency Action Plan received. | 1. July 16, 2021 2. August 10, 2021 3. July 30, 2021 |
| H.F. Lee Ash Triangle Pond | <u>Division of Water Resources</u> 1. Comments sent back to Duke Energy on Updated Comprehensive Site Assessment. 2. Basin under excavation. <u>Division of Energy, Mineral, and Land Resources</u> 3. H.F. Lee Triangular Pond Dam (WAYNE-034) – No actions taken. | 1. July 16, 2021 2. In progress |
| Marshall Active Ash Basin | <u>Division of Water Resources</u> 1. Conditional approval of Corrective Action Plan sent to Duke Energy. Duke Energy is currently implementing the approved corrective actions. 2. NPDES major permit modification was issued and became effective. <u>Division of Energy, Mineral, and Land Resources</u> 3. Marshall Active Ash Basin Dam (CATAW-054) – Issued Certificate of Approval to Modify for Installation of Instrumentation/Extraction Wells. | 1. July 9, 2021 2. May 8, 2021 3. August 22, 2022 |
| Mayo Ash Pond | <u>Division of Water Resources</u> 1. Conditional approval of Corrective Action Plan sent to Duke Energy. Duke Energy is currently implementing the approved corrective actions. 2. NPDES draft permit submitted for public notice. <u>Division of Energy, Mineral, and Land Resources</u> | 1. July 9, 2021 2. July 27, 2021 3. August 11, 2022 |



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|------------------------------|---|---|
| | 3. Mayo Active Ash Pond Dam (PERSO-035) – Issued Certificate of Approval to Modify. | |
| Riverbend Active Ash Basin 1 | <u>Division of Water Resources</u> 1. Conditional approval of Corrective Action Plan sent to Duke Energy. Duke Energy is currently implementing the approved corrective actions. 2. NPDES renewal application received. 3. Basin excavated. <u>Division of Energy, Mineral, and Land Resources</u> 4. Riverbend Active Primary Ash Basin Dam (GASTO-097) – Certificate of Final Approval to Breach for Scope 4 issued. | 1. July 9, 2021 2. August 27, 2019 3. April 22, 2019 4. October 28, 2020 |
| Riverbend Active Ash Basin 2 | <u>Division of Water Resources</u> 1. Conditional approval of Corrective Action Plan sent to Duke Energy. Duke Energy is currently implementing the approved corrective actions. 2. NPDES renewal application received. 3. Basin excavated. <u>Division of Energy, Mineral, and Land Resources</u> 4. Riverbend Active Secondary Ash Basin Dam (GASTO-098) – Certificate of Final Approval to Breach for Scope 5 issued. | 1. July 9, 2021 2. August 27, 2019 3. April 22, 2019 4. October 28, 2020 |
| Roxboro West Ash Pond | <u>Division of Water Resources</u> 1. Conditional approval of Corrective Action Plan sent to Duke Energy. Duke Energy is currently implementing the approved corrective actions. 2. NPDES major permit modification was issued and became effective. <u>Division of Energy, Mineral, and Land Resources</u> 3. Roxboro West Ash Basin Dam (PERSO-038) – Certificate of Approval for Water Control issued. | 1. April 27, 2021 2. June 25, 2021 3. August 13, 2019 |
| Roxboro East Ash Pond | <u>Division of Water Resources</u> 1. Conditional approval of Corrective Action Plan sent to Duke Energy. Duke Energy is currently implementing the approved corrective actions. 2. NPDES major permit modification was issued and became effective. <u>Division of Energy, Mineral, and Land Resources</u> 3. Roxboro East Ash Basin Dam (PERSO-033) – Certificate of Final Approval to Repair for Scope 4 issued. | 1. April 27, 2021 2. June 25, 2021 3. July 17, 2020 |
| Sutton 1971 Ash Pond | <u>Division of Water Resource</u> 1. Conditional approval of Corrective Action Plan sent to Duke Energy. Duke Energy is currently implementing the approved corrective actions. 2. NPDES permit effective. 3. Basin excavated. <u>Division of Energy, Mineral, and Land Resources</u> 4. Sutton 1971 (1983) Ash Basin Dam (NEWHA-004) – Certificate of Final Approval to Breach for Scope 3 issued. | 1. July 9, 2021 2. July 1, 2020 3. May 24, 2019 4. October 10, 2019 |



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|-----------------------------------|--|---|
| <p>Sutton 1984 Ash Pond</p> | <p><u>Division of Water Resources</u> 1. Conditional approval of Corrective Action Plan sent to Duke Energy. Duke Energy is currently implementing the approved corrective actions. 2. NPDES permit effective. 3 Basin excavated. <u>Division of Energy, Mineral, and Land Resources</u> 4. Sutton 1984 Ash Basin Dam (NEWHA-005) – Certificate of Final Approval to Breach for Scope 4 issued.</p> | <p>1. July 9, 2021 2. July 1, 2020 3. August 27, 2019 4. May 21, 2020</p> |
| <p>Weatherspoon 1979 Ash Pond</p> | <p><u>Division of Water Resources</u> 1. Comments sent back to Duke Energy on Updated Comprehensive Site Assessment. 2. NPDES permit effective. 3. Basin under excavation. <u>Division of Energy, Mineral, and Land Resources</u> 4. Weatherspoon 1979 Ash Basin Dam (ROBES-009) – Certificate of Approval to Repair for Scope 6 extension 4 issued.</p> | <p>1. July 15, 2021 2. November 1, 2018 3. In progress 4. October 28, 2020</p> |

