Report to the North Carolina General Assembly



Coal Ash Impoundments Annual Report

October 1, 2023

Division of Water Resources

NORTH CAROLINA DEPARTMENT

OF ENVIRONMENTAL QUALITY

Pursuant to G.S. 130A-309.204(b)



ROY COOPER Governor ELIZABETH S. BISER Secretary

MEMORANDUM

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

FROM: Skyler Golann

Legislative Liaison

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

DATE: October 1, 2023

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, 2023.
- 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) 707-8664 or via email at skyler.golann@deq.nc.gov.

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

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 Steam Plant 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, 2023)
2	Mayo Steam Electric Plant	Mayo Ash Pond	Inactive	5,637,505
2	Roxboro Steam Electric Plant	Roxboro West Ash Pond	Active	12,262,410
2	Roxboro Steam Electric Plant	Roxboro East Ash Pond (including ash stack)	Inactive	6,666,900
10	H.F. Lee Energy Complex	H.F. Lee Active Ash Pond	Inactive	2,993,526
10	H.F. Lee Energy Complex	H.F. Lee Ash Triangle Pond	Inactive	72,000
10	H.F. Lee Energy Complex	H.F. Lee Ash Pond 1	Inactive	232,549
10	H.F. Lee Energy Complex	H.F. Lee Ash Pond 2	Inactive	463,536
10	H.F. Lee Energy Complex	H.F. Lee Ash Pond 3	Inactive	473,645
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	505,968
54	Cape Fear Steam Electric Plant	Cape Fear 1956 Ash Pond	Inactive	0
54	Cape Fear Steam Electric Plant	Cape Fear 1963 Ash Pond	Inactive	622,779
54	Cape Fear Steam Electric Plant	Cape Fear 1970 Ash Pond	Inactive	738,383
54	Cape Fear Steam Electric Plant	Cape Fear 1978 Ash Pond	Inactive	767,056
54	Cape Fear Steam Electric Plant	Cape Fear 1985 Ash Pond	Inactive	2,537,090
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	2,447,635
76	Buck Combined Cycle Station	Buck Steam Station Basin 2	Inactive	1,490,223



76	Buck Combined Cycle Station	Buck Steam Station Basin 3	Inactive	686,574
89	Marshall Steam Station	Marshall Active Ash Basin	Active	15,007,121
91	Belews Creek Steam Station	Belews Creek Active Ash Basin	Active	11,250,019
108	Riverbend Steam Station	Riverbend Primary & Secondary Basins	Inactive	0
109	Allen Steam Station	Allen Active Ash Basin	Active	11,022,177
109	Allen Steam Station	Allen Retired Ash Basin	Inactive	5,569,661
111	James E. Rogers Energy Complex	Cliffside Active Ash Basin	Active	3,753,208
111	James E. Rogers Energy Complex	Cliffside Inactive Ash Basin 1-4	Inactive	0
111	James E. Rogers Energy Complex	Cliffside Inactive Ash Basin #5	Inactive	424,872
115	Asheville Steam Electric Plant	Asheville 1964 Ash Pond	Inactive	0
115	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, 2023)
4	H.F. Lee Energy Complex	H.F. Lee Active Ash Pond	Inactive	2,993,526
4	H.F. Lee Energy Complex	H.F. Lee Ash Triangle Pond	Inactive	72,000
4	H.F. Lee Energy Complex	H.F. Lee Ash Pond 1	Inactive	232,549
4	H.F. Lee Energy Complex	H.F. Lee Ash Pond 2	Inactive	463,536
4	H.F. Lee Energy Complex	H.F. Lee Ash Pond 3	Inactive	473,645
7	L.V. Sutton Energy Complex	Sutton 1971 Ash Pond	Inactive	0
7	L.V. Sutton Energy Complex	Sutton 1984 Ash Pond	Inactive	0
20	Cape Fear Steam Electric Plant	Cape Fear 1956 Ash Pond	Inactive	0
20	Cape Fear Steam Electric Plant	Cape Fear 1963 Ash Pond	Inactive	622,779
20	Cape Fear Steam Electric Plant	Cape Fear 1970 Ash Pond	Inactive	738,383
20	Cape Fear Steam Electric Plant	Cape Fear 1978 Ash Pond	Inactive	767,056
20	Cape Fear Steam Electric Plant	Cape Fear 1985 Ash Pond	Inactive	2,537,090
23	Mayo Steam Electric Plant	Mayo Ash Pond	Inactive	5,637,505
23	Roxboro Steam Electric Plant	Roxboro West Ash Pond	Active	12,262,410
23	Roxboro Steam Electric Plant	Roxboro East Ash Pond (including ash stack)	Inactive	6,666,900
24	W. H. Weatherspoon Power Plant	Weatherspoon 1979 Ash Pond	Inactive	505,968
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
31	Belews Creek Steam Station	Belews Creek Active Ash Basin	Active	11,250,019



33	Buck Combined Cycle Station	Buck Steam Station Basin 1	Inactive	2,447,635
33	Buck Combined Cycle Station	Buck Steam Station Basin 2	Inactive	1,490,223
33	Buck Combined Cycle Station	Buck Steam Station Basin 3	Inactive	686,574
43	Allen Steam Station	Allen Active Ash Basin	Active	11,022,177
43	Allen Steam Station	Allen Retired Ash Basin	Inactive	5,569,661
43	Riverbend Steam Station	Riverbend Primary & Secondary Basins	Inactive	0
44	James E. Rogers Energy Complex	Cliffside Active Ash Basin	Active	3,753,208
44	James E. Rogers Energy Complex	Cliffside Inactive Ash Basin 1-4	Inactive	0
45	Marshall Steam Station	Marshall Active Ash Basin	Active	15,007,121
48	James E. Rogers Energy Complex	Cliffside Inactive Ash Basin #5	Inactive	424,872
49	Asheville Steam Electric Plant	Asheville 1964 Ash Pond	Inactive	0
49	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 ¹	Date of Last Action Taken	
Allen Active Ash Basin	Division of Water Resources 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. Division of Energy, Mineral, and Land Resources 3. Allen Active Ash Basin Dam (GASTO-061) – Issued Notice of Inspection following annual inspection.	1. July 9, 2021 2. August 1, 2021 3. January 11, 2023	
Allen Retired Ash Basin	Division of Water Resources 1. Conditional approval of Corrective Action Plan sent to Duke Energy. Duke Energy is currently implementing the approved corrective actions. Division of Energy, Mineral, and Land Resources 2. Allen Inactive Ash Basin Dam (GASTO-016) – Issued Notice of Inspection following annual inspection.	1. July 9, 2021 2. January 11, 2023	
Asheville 1982 Ash Pond	Division of Water Resources 1. Conditional approval of Corrective Action Plan sent to Duke Energy. Duke Energy is currently implementing the approved corrective actions. 2. NPDES minor permit modification was issued. 3. Basin excavated. Division of Energy, Mineral, and Land Resources 4. Asheville 1982 Ash Pond Dam (BUNCO-089) – DECOMMISSIONED.	1. August 21, 2023 2. July 8, 2021 3. February 2, 2018 4. March 15, 2018	
Asheville 1964 Ash Pond	Division of Water Resources 1. Conditional approval of Corrective Action Plan sent to Duke Energy. Duke Energy is currently implementing the approved corrective actions. 2. Basin excavated. Division of Energy, Mineral, and Land Resources 3. Asheville 1964 Ash Pond Dam (BUNCO-097) – Received updated Emergency Action Plans.	1. August 21, 2023 2. June 23, 2022 3. August 17, 2023.	
Belews Creek Active Ash Basin	Division of Water Resources 1. Conditional approval of Corrective Action Plan sent to Duke Energy. Duke Energy is currently implementing the approved corrective actions. 2. NPDES permit effective. Division of Energy, Mineral, and Land Resources 3. Belews Creek Active Ash Basin Dam (STOKE-116) — Issued Notice of Inspection following annual inspection.	1. July 7, 2021 2. March 25, 2019 3. August 18, 2023	
Buck Steam Station Basin 1	Division of Water Resources 1. Duke submits groundwater CAP for the facility. 2. NPDES major modification became effective.	1. June 2, 2023 2. August 1, 2020 3. January 12, 2023	



	Division of Energy, Mineral, and Land Resources 3. Buck Main Ash Basin Dam (ROWAN-047) – Issued Notice of Inspection following annual inspection. 4. Buck Ash Basin #1 Dam (ROWAN-068) – Issued Notice of Inspection following annual inspection. Division of Water Resources	4. January 12, 2023
Buck Steam Station Basin 2	Duke submits groundwater CAP for the facility. NPDES major modification became effective. Division of Energy, Mineral, and Land Resources Buck Basin #1 to Basin #2 Dam (ROWAN-069) – Issued Notice of Inspection following annual inspection.	1. June 2, 2023 2. August 1, 2020 3. January 12, 2023
Buck Steam Station Basin 3	Division of Water Resources 1. Duke submits groundwater CAP for the facility. 2. NPDES major modification became effective. Division of Energy, Mineral, and Land Resources 3. Buck Basin #2 to Basin #3 Dam (ROWAN-070) – Issued Notice of Inspection following annual inspection.	1. June 2, 2023 2. August 1, 2020 3. January 12, 2023
Cape Fear 1956 Ash Pond (Inactive)	Division of Water Resources 1. Duke submits the groundwater CAP for the facility. 2. Basin excavated. Division of Energy, Mineral, and Land Resources 3. Cape Fear 1956 Ash Pond Dam (CHATH-075) – Issued Notice of Exemption for a jurisdictional determination and hazard reclassification following complete removal of coal combustion residuals.	1. December 21, 2022 2. November 22, 2022 3. March 31, 2023
Cape Fear 1963 Ash Pond (Inactive)	Division of Water Resources 1. Duke submits the groundwater CAP for the facility. Division of Energy, Mineral, and Land Resources 2. Cape Fear 1963 Ash Pond Dam (CHATH-076) – Issued Approval Letter to repair, Scope 2 – Extension 6.	1. December 21, 2022 2. October 27, 2022
Cape Fear 1970 Ash Pond (Inactive)	Division of Water Resources 1. Duke submits the groundwater CAP for the facility. Division of Energy, Mineral, and Land Resources 2. Cape Fear 1970 Ash Pond Dam (CHATH-077) – Received response to Notice of Deficiency.	1. December 21, 2022 2. July 25, 2023
Cape Fear 1978 Ash Pond	 Division of Water Resources 1. Duke submits the groundwater CAP for the facility. 2. NPDES major modification submitted. Division of Energy, Mineral, and Land Resources 3. Cape Fear 1978 Ash Pond Dam (CHATH-078) – Certificate of Final Approval to Repair for Scope 4 Addendum 1 issued. 	1. December 21, 2022 2. July 17, 2020 3. March 7, 2019
Cape Fear 1985 Ash Pond	Division of Water Resources 1. Duke submits the groundwater CAP for the facility. 2. NPDES major modification submitted. Division of Energy, Mineral, and Land Resources 3. Cape Fear 1985 Ash Pond Dam (CHATH-079) – Issued NOI following annual inspection.	1. December 21, 2022 2. July 17, 2020 3. June 27, 2023



Cliffside Active Ash Basin	Division of Water Resources 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. Division of Energy, Mineral, and Land Resources 3. Cliffside Active Ash Basin Upstream Dam (CLEVE-050) – Issued Notice of Inspection following annual inspection. 4. Cliffside Active Ash Basin Downstream Dam (CLEVE-049) – Issued Notice of Inspection following annual inspection.	1. July 9, 2021 2. July 1, 2021 3. January 12, 2023 4. January 12, 2023
Cliffside Inactive Ash Basin #5	Division of Water Resources 1. Conditional approval of Corrective Action Plan sent to Duke Energy. Duke Energy is currently implementing the approved corrective actions. Division of Energy, Mineral, and Land Resources 2. Cliffside Inactive Ash Basin #5 Main Dam (RUTHE-070) – Issued Revision Request Letter to decommission/breach Inactive Ash Basin Unit 5 Main and Saddle dams.	1. July 9, 2021 2. May 26, 2023
Cliffside Inactive Ash Basin #1-4	Division of Water Resources 1. Conditional approval of Corrective Action Plan sent to Duke Energy. Duke Energy is currently implementing the approved corrective actions. 2. Basin excavated. Division of Energy, Mineral, and Land Resources 3. Cliffside Retention Basin Dam (Formerly Inactive Ash Basin #1-4 Main Dam) (CLEVE-047) – Issued Notice of Inspection following annual inspection.	1. July 9, 2021 2. August 10, 2018 3. January 12, 2023
Dan River Active Primary Ash Basin	Division of Water Resources 1. Conditional approval of Corrective Action Plan sent to Duke Energy. Duke Energy is currently implementing the approved corrective actions. 2. Permit renewal application received. 3. Basin excavated. Division of Energy, Mineral, and Land Resources 4. Dan River Active Primary Ash Basin Dam (ROCKI-237) – DECOMMISSIONED.	1. July 9, 2021 2. June 3, 2021 3. May 20, 2019 4. April 19, 2021
Dan River Active Secondary Ash Basin	Division of Water Resources 1. Conditional approval of Corrective Action Plan sent to Duke Energy. Duke Energy is currently implementing the approved corrective actions. 2. Permit renewal application received. 3. Basin excavated. Division of Energy, Mineral, and Land Resources 4. Dan River Active Secondary Ash Basin Dam (ROCKI-238) – DECOMMISSIONED.	1. July 9, 2021 2. June 3, 2021 3. May 20, 2019 4. April 19, 2021
H.F. Lee Ash Pond 1 (Inactive)	<u>Division of Water Resources</u>	1. May 30, 2023 2. June 13, 2023



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	1. Conditional approval of Corrective Action Plan sent to Duke Energy. Duke Energy is currently	
	implementing the approved corrective actions.	
	Division of Energy, Mineral, and Land Resources	
	2. H.F. Lee Inactive Ash Basin 1 Dam (WAYNE-031)	
	- Issued Notice of Inspection following annual	
	inspection.	
	Division of Water Resources	
	1. Conditional approval of Corrective Action Plan sent	
	to Duke Energy. Duke Energy is currently	
	implementing the approved corrective actions.	
H.F. Lee Ash Pond 2	Division of Energy, Mineral, and Land Resources	1. May 30, 2023
(Inactive)	2. H.F. Lee Inactive Ash Basin 2 Dam (WAYNE-032)	2. August 16, 2023
	– Issued Certificate of Approval to Modify HF Lee	
	Inactive Ash Basin 2 Dam (Scope 8, Addendum 1) for	
	construction of a truck access ramp on downstream	
	slope of the dam.	
	<u>Division of Water Resources</u>	
	1. Conditional approval of Corrective Action Plan sent	
	to Duke Energy. Duke Energy is currently	
H.F. Lee Ash Pond 3	implementing the approved corrective actions.	1. May 30, 2023
(Inactive)	Division of Energy, Mineral, and Land Resources	2. October 18, 2022
	2. H.F. Lee Inactive Ash Basin 3 Dam (WAYNE-033)	
	– Issued Certificate of Final Approval for Scope 6	
	Repair – Access Ramp Construction.	
	<u>Division of Water Resources</u>	
	1. Conditional approval of Corrective Action Plan sent	
	to Duke Energy. Duke Energy is currently	
H.F. Lee Active Ash	implementing the approved corrective actions.	1. May 30, 2023
Pond	2. NPDES draft permit was submitted for public notice.	2. August 10, 2021
rond	Division of Energy, Mineral, and Land Resources	3. June 13, 2023
	3. H.F. Lee Active Ash Basin Dam (WAYNE-022) –	
	Issued Notice of Inspection following annual	
	inspection.	
	<u>Division of Water Resources</u>	
	1. Conditional approval of Corrective Action Plan sent	
H.F. Lee Ash	to Duke Energy. Duke Energy is currently	1. May 30, 2023
Triangle Pond	implementing the approved corrective actions.	2. February 16, 2010
Triangic i ond	Division of Energy, Mineral, and Land Resources	2. 1 cordary 10, 2010
	2. H.F. Lee Triangular Pond Dam (WAYNE-034) –	
	DECOMMISSIONED.	
	<u>Division of Water Resources</u>	
	1. Conditional approval of Corrective Action Plan sent	
	to Duke Energy. Duke Energy is currently	
Marshall Active Ash	implementing the approved corrective actions.	1. July 9, 2021
Basin	2. NPDES major permit modification was issued and	2. May 8, 2021
Dusin	became effective.	3. August 22, 2023
	<u>Division of Energy, Mineral, and Land Resources</u>	
	3. Marshall Active Ash Basin Dam (CATAW-054) –	
	Conducted Annual Inspection.	
Mayo Ash Pond	<u>Division of Water Resources</u>	1. July 9, 2021



	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. Division of Energy, Mineral, and Land Resources 3. Mayo Active Ash Pond Dam (PERSO-035) – Issued Certificate of Approval to Modify Mayo Ash Basin Dam for removing existing earthen Forebay Embankment and Appurtenant structures.	2. July 27, 2021 3. August 17, 2023
Riverbend Active Ash Basin 1	Division of Water Resources 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. Division of Energy, Mineral, and Land Resources 4. Riverbend Active Primary Ash Basin Dam (GASTO-097) – DECOMMISSIONED.	1. July 9, 2021 2. August 27, 2019 3. April 22, 2019 4. October 28, 2020
Riverbend Active Ash Basin 2	Division of Water Resources 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. Division of Energy, Mineral, and Land Resources 4. Riverbend Active Secondary Ash Basin Dam (GASTO-098) – DECOMMISSIONED.	1. July 9, 2021 2. August 27, 2019 3. April 22, 2019 4. October 28, 2020
Roxboro West Ash Pond	Division of Water Resources 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. Division of Energy, Mineral, and Land Resources 3. Roxboro West Ash Basin Dam (PERSO-038) – Issued Notice of Inspection following annual inspection.	1. April 27, 2021 2. June 25, 2021 3. April 26, 2023
Roxboro East Ash Pond	Division of Water Resources 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. Division of Energy, Mineral, and Land Resources 3. Roxboro East Ash Basin Dam (PERSO-033) – Issued Notice of Inspection following annual inspection.	1. April 27, 2021 2. June 25, 2021 3. April 26, 2023
Sutton 1971 Ash Pond	Division of Water Resource 1. Conditional approval of Corrective Action Plan sent to Duke Energy. Duke Energy is currently implementing the approved corrective actions.	1. July 9, 2021 2. July 1, 2020 3. May 24, 2019 4. October 10, 2019



	 NPDES permit effective. Basin excavated. Division of Energy, Mineral, and Land Resources Sutton 1971 (1983) Ash Basin Dam (NEWHA-004) DECOMMISSIONED. 	
Sutton 1984 Ash Pond	Division of Water Resources 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. Division of Energy, Mineral, and Land Resources 4. Sutton 1984 Ash Basin Dam (NEWHA-005) – DECOMMISSIONED.	1. July 9, 2021 2. July 1, 2020 3. August 27, 2019 4. May 21, 2020
Weatherspoon 1979 Ash Pond	<u>Division of Water Resources</u> 1. Duke submits groundwater CAP for the facility. 2. NPDES permit effective. <u>Division of Energy, Mineral, and Land Resources</u> 3. Weatherspoon 1979 Ash Basin Dam (ROBES-009) – Issued Notice of Inspection following annual inspection.	1. August 1, 2023 2. November 1, 2018 3. June 13, 2023

¹Basins are currently being excavated unless noted.

