



US Army Corps
of Engineers
Wilmington District

Falls Lake, NC (O&M)

FY 2022 Planned Actions:

- Operation and maintenance of dam infrastructure for flood risk management
- Operation and maintenance of recreation facilities to meet increased public demand
- Environmental stewardship of Federal property



CONGRESSIONAL DISTRICT: NC 2, 4

DATE: 01 APRIL 2022

1. **AUTHORIZATION:** Flood Control Act of 1965 (PL 89-298).
2. **LOCATION AND DESCRIPTION:** The project is located on the Neuse River about 10 miles north of the city of Raleigh, North Carolina. The project consists of an earth dam which is 1,915 feet long with a maximum height of 92 feet above the streambed. The dam has a 30-foot top width. An uncontrolled chute spillway, 100 feet wide, is located in the east abutment and a controlled 17.4 feet diameter outlet structure provides for planned releases from the dam. The reservoir has a gross storage capacity of 374,450 acre-feet, of which 243,050 acre-feet is for flood risk management, 45,000 acre-feet for water supply for the city of Raleigh, 61,330 acre-feet for water quality control, and 25,070 acre-feet for sediment storage. The reservoir is operated as the initial unit of a coordinated system for water management in the Neuse River basin for flood risk reduction, water supply, water quality control, recreation, and other purposes.
3. **FEDERAL FUNDING ALLOCATION FOR FY 2021:** \$3,650,500.
4. **FY 2022 PRESIDENT'S BUDGET:** \$3,189,000. Final Bill: \$3,189,000. Funds are being used for commonly performed O&M work. Funds are being used for specific work activities including perform a repair to sewer connections and water-Heater replacement (306,000), Formal inspection (\$445,000) and replace water control service gate (\$200,000). Infrastructure Investment and Jobs Act funds in the amount of \$2,250,000 are being used for Installation of Fabricated Service and Emergency Gates (\$2,000,000) and Replace and Upgrade Piezometers (\$250,000).

PROJECT INFORMATION – Falls Lake, NC (O&M) – Continued

5. **FY 2022 WORK PLAN:** TBD.

6. **FY 2023 PRESIDENT'S BUDGET:** \$1,910,000. Funds in the amount of \$1,910,000 will be used for normal operations and maintenance of the project. Infrastructure Investment and Jobs Act funds in the amount of \$160,000 will be used for repairing spalled conduit concrete. Additional funds in the amount of \$530,000 could be used for the following:

Replace Comfort Station in the Tailrace Recreation Area	\$175,000
Operations for Recreation	\$55,000
Maintenance of Dam and VAC Public Areas, Roads, and Parking Lots	\$300,000
Total	\$530,000

7. **OTHER INFORMATION:** There are two water supply storage contract agreements at Falls Lake, both are with the City of Raleigh. One was signed 1972 which provided the water supply storage created when the lake was constructed. The second is the new agreement signed in 2019 which provides water supply storage reallocated from the water quality storage pool because of the 2019 water reallocation study.