



US Army Corps
of Engineers
Wilmington District

John H. Kerr Dam and Reservoir, VA & NC (O&M)

FY 2023 Planned Actions:

- Operation and maintenance of dam for flood risk management and hydropower facility
- Operation and maintenance of recreation facilities plus environmental stewardship of Federal property



CONGRESSIONAL DISTRICT: NC 1 and VA 5

DATE: 10 MARCH 2023

1. **AUTHORIZATION:** Flood Control Act of 1944 (PL 78-534).
2. **LOCATION AND DESCRIPTION:** The project is located on the Roanoke River, 178.7 river miles above its mouth, in Mecklenburg County, Virginia, and 18 miles upstream of the North Carolina and Virginia line. The dam is located in Mecklenburg County, VA. The reservoir extends upstream on the Roanoke River for 56 miles and on the Dan River for 34 miles. The project consists of a concrete gravity dam with wing and saddle dikes on the right and left banks, with a total length of 22,285 feet. The reservoir is operated as a unit of a coordinated system of reservoirs in the Roanoke River basin for flood risk management, generation of hydroelectric power, regulation of low water flow, and for other purposes. Hydropower installed capacity is 268 megawatts.
3. **FY 2022 FEDERAL FUNDING ALLOCATION:** \$23,656,000. This amount includes \$12,131,000 in President's Budget funding, and \$11,525,000 in FY 2022 Bipartisan Infrastructure Law funding.
4. **FY 2023 FEDERAL FUNDING ALLOCATION:** \$21,543,000. Funds in the amount of \$12,043,000 will be used for normal operations and maintenance of the project. Bipartisan Infrastructure Law funds in the amount of \$9,500,000 will be used for construction of Island Creek pump station electrical substation with redundant transformers (\$7,500,000) and design and construction of erosion control for upstream toe of Island Creek Dam (\$2,000,000).

PROJECT INFORMATION – John H. Kerr Dam and Reservoir, VA and NC (O&M) – Continued

5.. **FY 2024 PRESIDENT’S BUDGET:** \$11,710,000. Funds in the amount of \$11,710,000 will be used for normal operations and maintenance of the project. Additional funds in the amount of \$2,034,000 could be used as follows:

Work Description	Amount
Climate Change Resiliency (CCR) - Energy & Water Efficiency Improvements Sanitary Facilities at North Bend Park Shower House 3	\$260,000
Sustainability - Project Office Rehab	\$65,000
CCR - Energy & Water Efficiency Improvements Sanitary Facilities at North Bend Park Comfort Station 3	\$260,000
Maintenance of Public Park Pavement Longwood Boat Ramp	\$300,000
North Bend Park Electric Upgrade	\$151,000
CCR - Energy & Water Efficiency Improvements Sanitary Facilities at Rudds Campground Shower House 5	\$300,000
Rehab Tanner Center	\$113,000
CCR - Maintenance Compound Replacement	\$585,000
Total	\$2,034,000

6. **FY2024 BIPARTISAN INFRASTRUCTURE LAW:** \$6,000,000. Bipartisan Infrastructure Law (BIL) funds in the amount of \$6,000,000 will be used to complete projects previously funded in FY 2022 or FY 2023 BIL. These funds will be used for the construction of the Right Wing Dike toe drain (\$1,700,000), construction of Island Creek electrical substation with redundant transformers (\$4,000,000), and replacement and upgrades of piezometers (\$300,000).

7. **OTHER INFORMATION:** Due to decreased funding under the Recreation business line and increasing costs to maintain our recreation areas, it has become increasingly difficult to maintain the same level of service within our parks.