



US Army Corps
of Engineers
Wilmington District

Falls Lake, NC Reallocation Study

- **City of Raleigh and the state of North Carolina have expressed interest in reallocation of the water quality pool**
- **Sponsors have expressed interest in providing gratuitous non-Federal funds to expedite the reallocation study.**



CONGRESSIONAL DISTRICT: NC 1, 13

DATE: 1 July 2014

1. **AUTHORIZATION:** Water Supply Act of 1958, as amended.
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 foot diameter outlet structure. 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. **IMPROVEMENTS DESIRED:** The state of North Carolina and the city of Raleigh have requested a water storage reallocation study at the Falls Lake project to investigate the reallocation of just over 12,500 acre-feet of storage from water quality to water storage. This study would review the storage allocation for Falls Lake and determine if a reallocation could occur without adversely impacting other project purposes for the Falls Lake project.
4. **COST ESTIMATE:** \$500,000. These funds could be used to perform a reallocation study which is normally funded under the Operation and Maintenance appropriation for reallocation proposals within the Chief of Engineer's discretion. The Chief can approve reallocations which do not seriously affect the purposes for which the project was authorized, or involve major structural or operational changes. Since the anticipated reallocation action is expected to be within the approval authority of the Chief of Engineers, the reallocation study would be conducted at full Federal expense.

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

5. **COMPLETION DATE:** To be determined, subject to the availability of funds.

6. **OTHER INFORMATION:** In a letter dated June 19, 2013, the city of Raleigh expressed an interest in gratuitously contributing non-Federal funds under Section 111 of the FY 2012 Energy and Water Development Appropriations Act to expedite the reallocation study. The coordination for this action is currently underway.