



US Army Corps
of Engineers
Wilmington District

Goldsboro, Neuse River, NC (SEC 216)

- **Federally owned project**
- **Existing weir structure in poor condition**
- **Initiation of Section 216 study recommended to evaluate project modifications**



CONGRESSIONAL DISTRICT: NC 1, NC 13

DATE: 8 April 2013

1. **AUTHORIZATION:** Flood Control Act of 1941 (House Document 327, 77th Congress 1st Session)
2. **LOCATION AND DESCRIPTION:** The project is located on the Neuse River about 95 miles above New Bern, NC near Goldsboro, Wayne County, NC. The project consists of a cutoff channel, 12 feet deep, 20 feet wide and about 6,400 feet long. Construction was completed in 1948 consisting of a trapezoidal channel about one mile long with a low flow sheet pile weir near the upstream end. The weir section was rebuilt in 1960 and 1982 due to deterioration and corrosion.
3. **FEDERAL FUNDING ALLOCATION FOR 2012:** \$0.
4. **FY 2013 BUDGET AMOUNT:** \$0.
5. **FY 2014 BUDGET AMOUNT:** \$0. Funds in the amount of \$100,000 could be used to conduct a reconnaissance study, perform a 905(b) analysis by reviewing the project economic and environmental conditions and make preliminary recommendations on the repairs or deauthorization of the project.
6. **ISSUE AND/OR STATUS:** The existing weir cutoff structure is in poor structural condition and the bypass channel has significantly eroded the adjacent channel banks. Under a Federal permit issued in FY 2009, the city of Goldsboro performed temporary measures, including placement of filter material and riprap at the weir, at their own cost. The city's fresh water intake is located on

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the original channel. Maintaining the weir structure at the designed crest elevation is needed to help provide sufficient depth of water at that intake which is particularly important during drought conditions.

The city is currently evaluating the feasibility of additional temporary measures in FY 2013, including placement of a new sheet pile weir adjacent to the existing structure. The city would need to coordinate this proposal with the Corps to obtain a Section 408 permit prior to initiation of construction. Further, the city is interested in partnering on a Section 216 study that could lead to a more permanent, long-term solution.

7. **OTHER INFORMATION:** In 2011, the city of Goldsboro expressed a desire to have the Corps study decommissioning the cut-off channel to improve sediment distribution by increasing river velocities. In 2012, the city of Goldsboro prepared a white paper that offers possible approaches for a conceptual study for restoration of the Neuse River near Goldsboro, NC. This document would be used by the city and the Corps in the development of a restoration plan to reduce or eliminate the sedimentation issues and restore natural riverine functions in the main stem of the Neuse River. This white paper has been written in close cooperation with members of the Public Utilities staff at the city of Goldsboro, who are highly familiar with the history of the site and its issues.