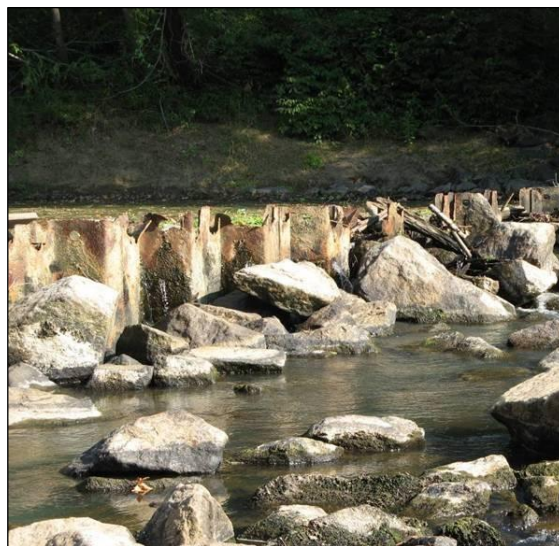




US Army Corps
of Engineers
Wilmington District

Neuse River-Goldsboro, NC (Project Modifications for Improvement of the Environment) CAP Section 1135

- Federally owned project
- Existing weir structure in poor condition
- Feasibility Study completed in May 2018
- Execute Project Partnership Agreement for design and construction in May 2019



CONGRESSIONAL DISTRICT: NC 7

DATE: 25 March 2019

1. **AUTHORIZATION:** Flood Control Act of 1941 (House Document 327, 77th Congress 1st Session) and Section 1135 of the Water Resources Development Act of 1986, as amended.
2. **STUDY AREA:** The existing Federal project is located on the Neuse River about 95 miles above New Bern, NC near Goldsboro, 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. **IMPROVEMENTS DESIRED:** Modification of the existing project to address the potential for ecosystem restoration at the cutoff and main channel of the Neuse River at Goldsboro, NC., through analysis of possible measures and alternatives that could include rehabilitation or removal of the weir, removal or modification of the cutoff channel, as well as other measures to restore natural flow and function to the area while maintaining the flood damage reduction function of the project.

PROJECT INFORMATION – Neuse River, Goldsboro, NC (Project Modifications for Improvement of the Environment) CAP Section 1135 – Continued

4. **COST ESTIMATE:**

\$1,559,000	(Federal – 75%)
<u>\$ 520,000</u>	(Non-Federal – 25%)
\$2,079,000	Total

5. **FEDERAL FUNDING ALLOCATION THRU 2018:** \$25,000.

6. **FY 2019 FUNDING ALLOCATION:** \$75,000. Funds are being used to negotiate and sign a Project Partnership Agreement (PPA).

7. **FY 2020 BUDGET AMOUNT:** To be determined. Funds in the amount of \$1,409,000 could be used to finalize the PPA and continue Design and Implementation phase.

8. **ISSUE AND/OR STATUS:** The Corps of Engineers approved and the city awarded a construction contract for improvements to install a new sheet pile weir adjacent to the existing weir cutoff structure which was in poor structural condition. The bypass channel has also significantly eroded the adjacent channel banks and is why the city continues to be interested in partnering in this study that could lead to a more permanent, long-term solution and to restore or improve fish and wildlife habitat within the project area.

Goldsboro's fresh water intake is located on the original channel. Maintaining the weir structure at the designed crest elevation is needed to provide sufficient depth of water at the intake. This is particularly important during drought conditions for the city.

The Corps completed the feasibility study, detailed report and Environmental Assessment for this project in May 2018. The final recommendation includes the construction of a new steel sheet pile weir structure to elevation 58.0' NAVD 88.

The Corps is currently working with the City of Goldsboro to execute a Project Partnership Agreement by the end of May 2019 in order to move into design and construction of the project.