



**US Army Corps  
of Engineers**  
Wilmington District

**Greenville Utilities Commission  
Greenville, NC  
(CAP Section 14)**

GUC Water Treatment Plant



- **Sponsor: Greenville Utilities Commission**
- **Study Initiation in November 2021**
- **Completed Feasibility Report is under Review**

CONGRESSIONAL DISTRICT: NC 1

DATE: 10 MARCH 2023

1. **AUTHORIZATION:** Section 14 of the Flood Control Act of 1946, as amended.
2. **PROJECT AREA:** The Greenville Utilities Commission (GUC) water treatment plant is located near the city of Greenville, NC along the Tar River from which it pulls water through intake structures into the treatment plant. The plant has two 30-inch water intake pipes on the Tar River and serves a population of approximately 140,000 along with industrial demands. The average water demand is 14.1 million gallons per day (MGD) with a peak of 18.6 MGD.
3. **PURPOSE AND NEED:** Streambank erosion has been a persistent issue adjacent to the intake structures. In 2011, GUC implemented a streambank stabilization project to address this issue. However, the existing riverbank erosion protection on the Tar River where the water intakes are located is failing. This is a direct threat to the continued operation of the water intakes and water supply to the GUC service region. Collapse of the embankment and damage to the intake structures would put over 140,000 citizens at risk of losing valuable water resources and would jeopardize public health and fire flow protection. Repair and long-term stabilization of the riverbank at the water intakes on the Tar River is needed to prevent the potential collapse of the riverbank.
4. **COST ESTIMATE:** Feasibility Phase
 

\$ 125,000	(Federal)
<u>\$ 25,000</u>	(Non-Federal)
\$ 150,000	Total

**Design and Implementation Phase**

\$ 1,196,650 (Federal)  
\$ 644,350 (Non-Federal)  
\$ 1,841,000 Total

5. **FEDERAL FUNDING ALLOCATION THRU FY 2022:** \$125,000.
6. **FY 2023 FEDERAL FUNDING ALLOCATION:** \$0. Approximately \$100,000 in Federal funds could be used in FY23 to initiate the Design and Implementation (DI) phase including execution of a project partnership agreement with the non-federal sponsor and initial survey work.
7. **FY2024 OPTIMAL FEDERAL FUNDING AMOUNT:** \$1,096,650. These funds would be used to complete detailed design and award the construction contract.
8. **KEY DATES:** Feasibility Phase will be completed no later than May 2023.
9. **STATUS:** On 10 March, the feasibility report was submitted to South Atlantic Division for approval of the recommended plan.