US Army Corps of Engineers
Wilmington District

Greenville Utilities Commission
Greenville, NC
(CAP Section 14)

- **Sponsor: Greenville Utilities Commission**
- **Study Initiation in November 2021**
- **Beginning Feasibility Study**

CONGRESSIONAL DISTRICT: NC 1, 3 DATE: 01 APRIL 2022

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)
$ 25,000	(Non-Federal)
$ 150,000	Total

5. **FEDERAL FUNDING ALLOCATION THRU FY 2022:** $100,000.

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6. **FY 2022 FEDERAL FUNDING ALLOCATION:** $50,000. These funds are being used to initiate and progress the feasibility study. Infrastructure Investment and Jobs Act funds in the amount of $50,000 are being used to further progress the feasibility study.

7. **FY2023 OPTIMAL FEDERAL FUNDING AMOUNT:** $25,000. The additional $25,000 would fully fund the feasibility study.

8. **KEY DATES:** November 2021 – Initial allotment of Federal funds were provided to begin the feasibility study.

9. **STATUS:** The project is in the initial stages of the feasibility study.