

With the requested \$500,000 in funding, the City of Bonifay, in partnership with Ardurra, will undertake a comprehensive planning and design project focused on mitigating existing and future SSO occurrences. This project will encompass the following key activities:

1. Collection System Assessment (CCTV and Manhole Inspections):

Ardurra will serve as the City's representative to conduct CCTV inspections in previously unassessed sewer lines and perform manhole inspections to identify defects, structural issues, and sources of inflow and infiltration (I/I).

2. Pump Station Evaluation and Design:

A detailed evaluation of the City's Weeks Street Pump Station will assess its condition, capacity, redundancy, and risk of failure. Based on the results, Ardurra will design improvements to enhance reliability and prevent SSOs.

3. Inflow and Infiltration (I/I) Correction Planning:

Based on CCTV and manhole inspection findings, Ardurra will develop a prioritized I/I correction plan identifying areas for rehabilitation or replacement to reduce extraneous flows. Correction methods will be evaluated for cost-effectiveness and long-term performance.

4. Development of a Comprehensive SSO Mitigation Plan:

These efforts will culminate in a comprehensive SSO Mitigation Plan that integrates findings from the collection system assessment, pump station evaluation, and I/I correction planning, and provides a prioritized roadmap for capital improvements to eliminate or significantly reduce SSOs in the City of Bonifay.

In conclusion, the City of Bonifay faces critical sanitary sewer overflow challenges caused by excessive inflow and infiltration and vulnerable pump station infrastructure. The requested \$500,000 for planning and design is essential to develop a comprehensive solution that addresses the root causes of SSOs, improves system reliability and resilience, and protects public health and the environment for future generations.