

CLAYTON COUNTY WATER AUTHORITY COLLECTION SYSTEM ASSESSMENT



CLIENT

Clayton County Water Authority

LOCATION

Morrow, GA

BUDGET

\$31,500

COMPLETED

December 2016

CONTACT

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ROLE

Utility Management
Consultant

TEAM MEMBERS

John Evans, PE
Caroline Evans, AICP

DURATION

4 months

This project was initiated to identify opportunities for improvement in the CCWA collection system operations and strategies. The suggested improvements could be implemented to enhance the level of service provided to customers, increase productivity and quality of operations, and lower operating costs. Additionally, the data analysis that was conducted could be used to make better decisions to further reduce SSOs and help CCWA stay off the regulatory radar.

Blue Cypress compiled and performed a review and analysis of collection system data and documents provided by the CCWA in preparation for conducting an onsite assessment of the collection system programs.

Key types of data reviewed included:

- Sanitary Sewer Overflow (SSO) database
- GIS database for sewer infrastructure
- SSO response plan and procedures
- Computerized maintenance management system
- Condition assessment data
- Capacity master plans and current hydraulic modeling studies
- Capital improvement plans

After the analysis and review of data, Blue Cypress conducted 21 in-person interviews with 21 different staff over the course of 4 days. These interviews covered 13 different topics, and employees from the front line, office analytics staff, and management were participants.

The outcome of the project was a presentation of findings and recommendations presenting strengths and recommended opportunities for improvement.

