

Client
City of Clewiston

Scope of Services
Project an Updated Capacity Analysis Report to support the permit condition V, B, (1), State of Florida Domestic Wastewater Facility Permit No. FL0040665.

Contact
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Completion Dates
2019, 2020 and 2022

Key MBC Staff
Audra McCafferty, P.E.
Andrew Barba, P.E.
Mariell Soto, E.I.

Key Features
Analysis of previous Discharge Monitoring Report (DMR) data. Evaluate the capacity of the system. Provide Updated Capacity Analysis Report to regulatory agency.

Updated Capacity Analysis Reports Clewiston, Florida



Background

The City of Clewiston owns and operates a Type I domestic wastewater collection, transmission, treatment, and disposal system that serves the residents of Clewiston, Harlem and mobile home communities within the City's wastewater service area. The existing wastewater treatment plant (WWTP) began operation in 1987 and consists of an extended aeration process domestic wastewater treatment plant.

The wastewater facility has a permitted capacity of 1.50 million gallons per day (MGD) on annual average daily flow (AADF) basis. Compliance with the operating permit requires the completion of an annual updated Capacity Analysis Report (CAR).

The Project

The City utilizes MBC technical services to prepare Updated Capacity Analysis Reports to support the permit condition V, B, (1), State of Florida Domestic Wastewater Facility Permit No. FL0040665.

MBC's scope of services for the project included the following:

- Analysis of Discharge Monitoring Report (DMR) data.
- Evaluate the capacity of the system.
- Prepare and updated Capacity Analysis Report that included: graphs and tables of relevant data, recommendations for expansion and/or detailed scheduling for implementation of placing a new expanded facility into operation.

MBC prepared and submitted three updated Capacity Analysis Reports (2019, 2020 and 2022) for submittal to the FDEP.