

Client
City of Clewiston

Scope of Services
Project included preparation of two Engineering Reports that evaluate violations documented in the 2nd Amended Consent Order and provide recommendations to prevent future such violations.

Contact
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Start Date
04/2020

Completion Date
03/2020

Key MBC Staff
Audra McCafferty, P.E.
Frank A. Brinson, P.E.
Melissa Campbell, E.I.
Mariell Soto, E.I.

Key Features
Evaluate data from monitoring wells and from surface water discharge toxicity samples.
Review of Discharge Monitoring Report (DMR) data and previous FDEP inspection reports.

Consent Order Corrective Action G Engineering 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 permitted capacity for the facility is 1.50 million gallons per day (MGD) on an annual average daily flow (AADF) basis.

The 2nd Amended Consent Order identifies violations, Ordered Corrective Actions, and completion dates for the Corrective Actions. Ordered Corrective Action 21(G)



requires that the City "Submit an Engineering Report that evaluates the violations documented in paragraphs 7, 8, 9, 10, 11, 12, 19, and 20, of this 2nd Amended Consent Order; and makes recommendations to prevent future such violations".

The Project

The CITY contracted with MBC to provide technical services to prepare two Engineering Reports to comply with Corrective Action "G" of the Draft 2nd Amended Consent Order.

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

- Evaluate data from monitoring well from January 2018 to current to look for trends.
- Evaluate data from surface water discharge toxicity samples from May and August 2018.
- Review and evaluation of the State of Florida Department of Environmental Protection (FDEP) inspection reports dated August 6, 2019 and August 29, 2019.
- Review of Discharge Monitoring Report (DMR) data.
- Provide two (2) Engineering Reports, one report addressing paragraph 7 and one report to address paragraphs 8, 9, 10, 11, 12, 19, 20 to be submitted in accordance with dates established in "G".
- Evaluate the violations documented in paragraphs 7, 8, 9, 10, 11, 12, 19, 20 of the Draft 2nd Amended Consent Order.
- Provide recommendations to prevent future such violations documented in paragraphs 7, 8, 9, 10, 11, 12, 19, 20 of the Draft 2nd Amended Consent Order.

MBC prepared Engineering Report No. 1 dated March 18, 2020 and Engineering Report No. 2 dated April 21, 2020.