

Installation of Baffle Plates in Final Settling Tanks

Project Number: 15-074-3D

Service Area: North

Location: Terrence J. O'Brien WRP

Engineering Consultant: In-house design

General Contractor: To be determined

Estimated Construction Cost: \$1,700,000.00

Contract Award Date: January 2018*

Substantial Completion Date: July 2019*



Project Description: The project will remove an existing steel and wood baffle plate in Final Settling Tank B-1. The contractor will also furnish and install circular FRP baffle plates and support framing under the bottoms of the influent wells in each of the converted Final Settling Tanks.

Project Justification: A test baffle plate was installed in Final Settling Tank B-1, to see if the addition would improve the settling of solids in the tank. The test proved successful; therefore installation of permanent baffle plates in Final Settling Tanks would improve the solids settling and removal process, which help the District stay within its NPDES limits.

Project Status: This project is being designed.

*Information shown is estimated.