

FY 26 thru FY 28

Capital Improvement Plan

Corpus Christi, Texas



Project # 22407
Project Name ONSWTP Flocculation Upgrades & Baffling Basin 1&2

Contact	Chief Operating Officer of Corpus Christi Water	Department	Water
Type	Reconditioning-Asset	Category	Water Treatment
Priority	Priority Level 1	Status	Active
Useful Life	40 years	Council District	1

Description

This project will upgrade the existing walking beam flocculators and add secondary baffle walls in basins 1 and 2 at O.N. Stevens Water Treatment Plant (ONSWTP). The existing equipment is obsolete, causes operational issues and is high maintenance. This equipment will provide adequate mixing and prevent floc carryover into other areas of the treatment process and ensure the water treatment plant can continue to meet state and federal drinking water standards.

Justification

This project improves water treatment efficiency, chemical mixing, and flow distribution by replacing Basins 1 and 2 flocculators and adding baffle walls to the secondary basins.

Expenditures	Prior	FY 26	FY 27	FY 28	Total
Construction/Rehab	4,000,000	0	8,000,000	8,000,000	20,000,000
Eng, Admin Reimbursements	346,968	0	300,000	300,000	946,968
Design	1,888,694	0	0	0	1,888,694
Total	6,235,662	0	8,300,000	8,300,000	22,835,662

Funding Sources	Prior	FY 26	FY 27	FY 28	Total
Revenue Bonds	6,235,662	0	8,300,000	8,300,000	22,835,662
Total	6,235,662	0	8,300,000	8,300,000	22,835,662

Budget Impact

The implementation of this project will lead to a more efficient water treatment process and improve operational efficiency.