

FY 26 thru FY 28

Capital Improvement Plan

Corpus Christi, Texas



Project # 26025
Project Name ONSWTP Weir Improvements - Basins 3 & 4

Contact	Director of Corpus Christi Water	Department	Water
Type	Improvement/Additions	Category	Water Treatment
Priority	Priority Level 2	Status	Active
Useful Life	40 years	Council District	1

Description

Basins 3 and 4 located in O.N. Stevens Water Treatment Plant (ONSWTP) Train 2 are a finger weir style that protrudes from the end of the basins into the secondaries. The general layout of the finger weirs causes an uneven distribution of water flowing over the weirs. Upgrading the weir type and layout will optimize settling time and allow for even distribution of water flow. This project continues into the long-range plan.

Justification

Upgrading Basins 3 and 4 finger weirs to straight weirs, or an engineer approved style, at the end of the secondaries to improve flows and optimize use of the space for settling.

Expenditures	Prior	FY 26	FY 27	FY 28	Total
Construction/Rehab	0	0	0	2,000,000	2,000,000
Design	0	700,000	800,000	0	1,500,000
Eng, Admin Reimbursements	0	77,000	88,000	200,000	365,000
Total	0	777,000	888,000	2,200,000	3,865,000

Funding Sources	Prior	FY 26	FY 27	FY 28	Total
Revenue Bonds	0	777,000	888,000	2,200,000	3,865,000
Total	0	777,000	888,000	2,200,000	3,865,000

Budget Impact

This project aims to improve treatment processes. The cost to treat water should be reduced due to increased plant efficiencies.