

FY 26 thru FY 28

Capital Improvement Plan Project Pages

Corpus Christi, Texas



Project # E10144/21104
Project Name ONSWTP Chlorine System Improvements

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

Description

This project will replace the existing chlorine gas system at O.N. Stevens Water Treatment Plant (ONSWTP) with a safer and more reliable on-site hypochlorite generation (OSG) system. OSG will eliminate the health and safety risks associated with potential chlorine gas exposure for ONSWTP staff and the surrounding community. The scope of work also includes modifications to the existing chlorine dioxide system, as well as demolition of the existing chlorine gas measurement building and chlorine railcar area.

Justification

The proposed improvements will eliminate ONSWTP's dependence on hazardous liquid chlorine for water disinfection and reduce health and safety risks for plant staff and the surrounding community.

Expenditures	Prior	FY 26	FY 27	FY 28	Total
Construction/Rehab	52,250,000	10,000,000	21,000,000	17,384,000	100,634,000
Eng, Admin Reimbursements	567,442	400,000	600,000	450,000	2,017,442
Design	5,890,369	0	0	0	5,890,369
Total	58,707,811	10,400,000	21,600,000	17,834,000	108,541,811

Funding Sources	Prior	FY 26	FY 27	FY 28	Total
Revenue Bonds	58,707,811	10,400,000	21,600,000	17,834,000	108,541,811
Total	58,707,811	10,400,000	21,600,000	17,834,000	108,541,811

Budget Impact

This Project should result in increased safety for staff on site and the surrounding community, increasing operational efficiency.