

Capital Improvement Plan
City of Corpus Christi, Texas

2025 *thru* 2027

Project # 25018
Project Name Reclaimed Water Infrastructure



Type Improvement/Additions
Useful Life 25 years
Category Water Sources
Department Water
Contact Director of Water Utilities
Priority Priority Level 2
Council District City-Wide
Status Active

Description

The purpose of this project is to conduct pilot testing for direct water re-use as well as designing and installation the necessary infrastructure to distribute reclaimed water to an extended customer base. Primarily industrial customers as well as commercial and domestic irrigation. The City of Corpus Christi has used wastewater effluent for non-potable reuse since the 1960's. The city currently reuses approximately 3% of the total effluent produced from the Greenwood, Oso, Laguna Madre, and Allison Wastewater Treatment Plants. The remainder is discharged into our creeks, bays, and estuaries. The city would like to increase the quantity of reused water as well as find better uses for the effluent.

Justification

Due to severe drought in the area and projected future demands this project is necessary to take pressure off the current water resources available to the city.

Expenditures	Prior Years	2025	2026	2027	Total
Construction/Rehab			2,000,000	2,000,000	4,000,000
Design		1,200,000			1,200,000
Eng, Admin Reimbursements		120,000	200,000	200,000	520,000
Total		1,320,000	2,200,000	2,200,000	5,720,000

Funding Sources	Prior Years	2025	2026	2027	Total
Revenue Bonds		1,320,000	2,200,000	2,200,000	5,720,000
Total		1,320,000	2,200,000	2,200,000	5,720,000

Budget Impact/Other

This project will reduce strain on the on the water resources that currently supply the city and surrounding areas.