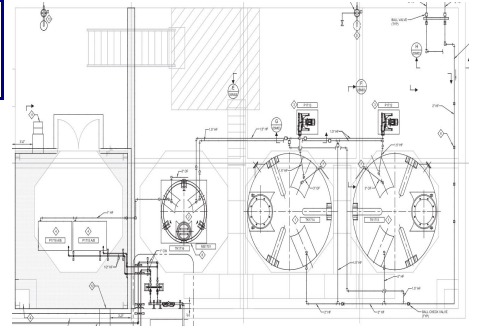


Capital Improvement Plan

2024 *thru* 2026

City of Corpus Christi, Texas

Project # 24026
Project Name ONSWTP Fluoride System Improvements



Type Improvement/Additions
Useful Life 25 years
Category Water Treatment

Department Water Department
Contact Director of Water Utilities
Priority Critical-Asset Condition/longevity
Council District 1

Status Active

Description

This project will upgrade the existing Fluoride injection system. Operational issues of the current system will be addressed and upgrades will be implemented to ensure a consistent and effective Fluoride feed. Hydrofluorosilicic acid is added in the treatment of potable water through a controlled liquid feed system at the ONSWTP. As Fluoride is a very corrosive chemical, the design will focus on the safe operation and maintenance of the system.

Justification

The current system requires upgrades including but not limited to bulk storage, piping replacement, building exhaust, corrosion points, scales, injection points, and pumps.

Expenditures	Prior Years	2024	2025	2026	Total
Construction/Rehab			1,900,000		1,900,000
Inspection			100,000		100,000
Design		300,000			300,000
Eng, Admin Reimbursements		30,000	90,000		120,000
Total		330,000	2,090,000		2,420,000

Funding Sources	Prior Years	2024	2025	2026	Total
Revenue Bonds		330,000	2,090,000		2,420,000
Total		330,000	2,090,000		2,420,000

Budget Impact/Other

An assessment will be done upon completion of project to determine maintenance costs.