

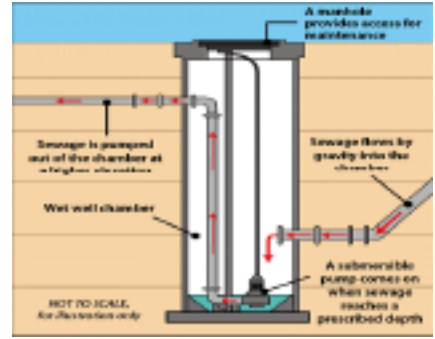
Capital Improvement Plan
City of Corpus Christi, Texas

2022 *thru* 2024

Project # 18085
Project Name Williams Lift Station Force Main (Line A)

Type Improvement/Additions **Department** Wastewater
Useful Life 25 years **Contact** Director of Water Utilities
Category Wastewater **Priority** 2 Critical- Asset Condition

Status Active



Description

Williams Lift Station is the largest lift station in the City and it serves the City's future growth in Southside. The lift station and its associated force main were constructed in 1983 with a wet well/dry well arrangement. The lift station and its 36-in DIP force main provide a critical role in conveying wet weather flows through collection system to Oso WRP. Recent inspections of force main and air release valves showed signs of significant corrosion due to hydrogen sulfide in some locations. Anticipated project scope for Consultant Engineer includes preliminary design for more detailed condition assessment of line and rehabilitation of line in locations needed, detailed design, development of construction documents, and construction phase services.

Justification

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55-58; Wastewater Master Plan

Expenditures	Prior Years	2022	2023	2024	Total
Construction/Rehab			2,000,000	4,500,000	6,500,000
Testing			30,000	20,000	50,000
Inspection	12,268		100,000	150,000	262,268
Design	189,847	650,000	100,000		939,847
Contingency		500,000	200,000	450,000	1,150,000
Eng, Admin Reimbursements	50,000	100,000	70,000	30,000	250,000
Total	252,115	1,250,000	2,500,000	5,150,000	9,152,115

Funding Sources	Prior Years	2022	2023	2024	Total
Revenue Bonds	252,115	1,250,000	2,500,000	5,150,000	9,152,115
Total	252,115	1,250,000	2,500,000	5,150,000	9,152,115

Budget Impact/Other

This project will increase wastewater service response to regional economical and population growth.