

Capital Improvement Plan

2023 thru 2025

City of Corpus Christi, Texas

Project #	23027
Project Name	Mary Rhodes I Condition Assessment
Type	Improvement/Additions
Department	Water Department
Useful Life	40 years
Contact	Director of Water Utilities
Category	Water Supply
Priority	1 Critical-Health & Safety
Status	Active



Description

The City of Corpus Christi owns and operates the Mary Rhodes Phase I (MRPI) pipeline for the delivery of raw water to the O.N. Stevens WTP from both Lake Texana and the Colorado River. MRPI consists of 101 miles of pipeline to Lake Texana in Edna, TX . The City has a contract with Lavaca-Navidad River Authority to purchase water from Lake Texana. This project consists of an assessment review of the condition and capacity of the pipeline. Once completed rehabilitation and improvements will be carried out in order of priorities determined by the assessment.

Justification

This project will give needed information for pipeline efficiencies, reliability, and needed maintenance, repairs or upgrades costs.

Expenditures	Prior Years	2023	2024	2025	Total
Planning		150,000			150,000
Inspection			1,000,000	1,000,000	2,000,000
Design		500,000	300,000	300,000	1,100,000
Eng. Admin Reimbursements		65,000	33,000	33,000	131,000
Total		715,000	1,333,000	1,333,000	3,148,000

Funding Sources	Prior Years	2023	2024	2025	Total
Revenue Bonds		715,000	1,333,000	1,333,000	3,381,000
Total		715,000	1,333,000	1,000,000	3,381,000

Budget Impact/Other

There is no projected operational impact with this project at this time. A reassessment will be done upon completion of project to determine on-going or maintenance costs.