

**Capital Improvement Plan**  
**City of Corpus Christi, Texas**

2022 *thru* 2024

**Project # 19032**  
**Project Name ONSWTP Filtration System Hydraulic Improvements**



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

**Status** Active

**Description**

This project will upgrade filtration system components and equipment that has reached the end of services life. Additionally, the project will address post-filtration hydraulic bottlenecks which will assist ONSWTP in meeting future capacity requirement of 200 MGD. Improvements will include but will not be limited to: upgrades to filtration system piping; replacement of filter gates, valves, and actuators; and filtration system effluent piping and channel hydraulic improvements.

**Justification**

Proposed improvements will fix the hydraulics on the back end of the plant to facilitate the production of up to 200 MGD.

<b>Expenditures</b>	<b>Prior Years</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
Construction/Rehab			5,500,000	5,500,000	11,000,000
Inspection			100,000	150,000	250,000
Design	1,024,840	900,000			1,924,840
Eng, Admin Reimbursements	111,000	100,000	500,000	500,000	1,211,000
<b>Total</b>	<b>1,135,840</b>	<b>1,000,000</b>	<b>6,100,000</b>	<b>6,150,000</b>	<b>14,385,840</b>

<b>Funding Sources</b>	<b>Prior Years</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
Revenue Bonds	1,135,840	1,000,000	6,100,000	6,150,000	14,385,840
<b>Total</b>	<b>1,135,840</b>	<b>1,000,000</b>	<b>6,100,000</b>	<b>6,150,000</b>	<b>14,385,840</b>

**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.