

FY 25 thru FY 27

# Capital Improvement Plan Project Pages

## Corpus Christi, Texas



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

<b>Contact</b>	Director of Corpus Christi Water	<b>Department</b>	Water
<b>Type</b>	Improvement/Additions	<b>Category</b>	Water Treatment
<b>Priority</b>	Priority Level 1	<b>Status</b>	Active
<b>Useful Life</b>	25 years	<b>Council District</b>	1

Description

This project will upgrade filtration system components and equipment that has reached its end of service life. Additionally, the project will address post-filtration hydraulic issues. The project is required to obtain a reliable treatment capacity of 160 MGD from the O.N. Stevens Water Treatment Plant (ONSWTP). Improvements include but will not be limited to upgrades to filtration piping; replacement of filter gates, valve, 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 achieve treatment capacity of 160 MGD.

Expenditures	Prior	FY 25	FY 26	FY 27	Total
Construction/Rehab	9,350,000	11,641,576	0	0	20,991,576
Eng, Admin Reimbursements	527,535	500,000	0	0	1,027,535
Inspection	150,000	100,000	0	0	250,000
Design	1,218,859	0	0	0	1,218,859
Total	11,246,394	12,241,576	0	0	23,487,970

Funding Sources	Prior	FY 25	FY 26	FY 27	Total
Revenue Bonds	11,246,394	12,241,576	0	0	23,487,970
Total	11,246,394	12,241,576	0	0	23,487,970

Budget Impact

Upgrading the aging equipment will result in more efficient operations at the ONSWTP overall lowering operational and maintenance costs as well as allowing for increased treatment capacity.