

# Capital Improvement Plan

## Corpus Christi, Texas



**Project #** 27100  
**Project Name** Evangeline Groundwater Wells

**Contact** Director of Corpus Christi Water  
**Type** Improvement/Additions  
**Priority** Priority Level 1  
**Useful Life** 40 years

**Department** Water  
**Category** Raw Water Supply  
**Status** Active  
**Council District** Outside City Limits

### Description

This project will develop an additional groundwater supply. The location of the well field will be in San Patricio County. The developed groundwater will be delivered in two phases. Phase I is projected to provide 12 MGD (million gallons per day) conveyed to the O.N. Stevens Water Treatment Plant through the MRP (Mary Rhodes Pipeline) at a location southeast of what is referred to as the Dressen Connection. Phase II is projected to provide up to 24 MGD. The project will include well drilling, well pump installation, site discharge water lines, pump station with ground storage tank, electrical infrastructure, electrical controls and SCADA (supervisory control and data acquisition) connection tap to the MRP, integration with the operational protocols of the MRP, parallel pipeline to the MRP including existing easement review and new easement acquisition as required. Future treatment of the new supply utilizing brackish water reverse osmosis would be considered in another project.

### Justification

CCW continues its strategic plan to improve resiliency, reliability, and capacity of its water system. This includes the diversification of its water supply by adding seawater desalination and groundwater to its current surface water portfolio. This project would add an additional groundwater supply source in addition to the Nueces Groundwater Wells.

Expenditures	Prior	FY 26	FY 27	FY 28	Total
Construction/Rehab	0	453,000,000	0	0	453,000,000
Water Rights	0	169,491,700	0	0	169,491,700
Design	0	31,000,000	0	0	31,000,000
Surface Use Agreements	0	12,000,000	0	0	12,000,000
Participation Agreement	0	9,000,000	0	0	9,000,000
Eng, Admin Reimbursements	0	3,000,000	0	0	3,000,000
<b>Total</b>	<b>0</b>	<b>677,491,700</b>	<b>0</b>	<b>0</b>	<b>677,491,700</b>

Funding Sources	Prior	FY 26	FY 27	FY 28	Total
Revenue Bonds	0	677,491,700	0	0	677,491,700
<b>Total</b>	<b>0</b>	<b>677,491,700</b>	<b>0</b>	<b>0</b>	<b>677,491,700</b>

### Budget Impact

This project will reduce strain on the on the water resources that currently supply the city and surrounding areas. Additional 4 positions will be required to operate and maintain the well field.