

# Texas General Land Office FY24 Regional Mitigation Grant

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Ordinance Authorizing Acceptance of Grant Award

Corpus Christi Water  
Director Nick Winkelmann



April 29, 2025



# Background Information

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The Community Development Block Grant Mitigation (CDBG-MIT) Program funds pose a unique opportunity for eligible grantees to use this assistance in areas impacted by recent disasters to carry out strategic and high-impact activities to mitigate disaster risks and reduce future losses.

In March 2025, the City received the award notification and contract for the CDBG – Regional Mitigation Grant for Capital Improvement Program Projects 18070 and 22108.

**The City of Corpus Christi was awarded \$15,092,700.00 with no cost-share or match requirements.**

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## FY24 Natural Gas Distribution Infrastructure Safety and Modernization Grant

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**This grant will provide funding for:**

Three components:

- Greenwood WWTP Flooding Mitigation
- Greenwood WWTP Emergency Generator
- Oso WWTP Emergency Generator

The implementation of this project with the CDBG – Regional Mitigation Grant will improve operational resiliency at the Greenwood and Oso Wastewater Treatment Plants.



# Capital Improvement Plan

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The projected schedule reflects City Council award in April 2025 and AE design contract in July 2025, with anticipated construction completion by December 2027.

2025 - 2026	2026-2027	
Design	Bid/Award	Construction



# Project 18070

## Capital Improvement Plan

2025 *thru* 2027

City of Corpus Christi, Texas

Project # 18070

Project Name Greenwood WWTP Flood Mitigation & Backup Generator

Type Improvement/Additions

Department Wastewater

Useful Life 25 years

Contact Director of Water Utilities

Category Wastewater Treatment Plants

Priority Priority Level 1

Council District 3

Status Active



### Description

Greenwood WWTP was constructed in 1957 and last modified in 1980 has an average flow capacity of 8 MGD and a peak flow capacity of 24 MGD. The Greenwood WWTP services the Greenwood Service Basin composed of 18 Lift stations. Greenwood service basin covers an area from Hunter Road at its northern most point to Chapman Ranch Road at its southern most point encompassing an area of roughly 38 square miles. In the past decade, the GWWTP has experienced at least two (2) major flooding events that have caused damage to equipment, endangered personnel, inhibited the plant's ability to disinfect and meter the wastewater and caused wastewater overflows to La Volla Creek. The objectives of this project are to construct cost-efficient flood proofing improvements and install a plant backup generator to ensure the normal operations and safety when the GWWTP is subject to heavy rainstorms and power outage. This project continues into the long-range plan.

### Justification

This project aims to protect the critical plant units from flooding hazards and provide normal operations in the event of heavy rain and associated power outages. Addressing these risks, preserves wastewater treatment capability, and ensures uninterrupted operations during adverse weather conditions.



# Project 22108

## Capital Improvement Plan

2025 *thru* 2027

## City of Corpus Christi, Texas

**Project #** 22108

**Project Name** Wastewater - Backup Generators

**Type** Improvement/Additions

**Department** Wastewater

**Useful Life** 25 years

**Contact** Director of Water Utilities

**Category** Wastewater Facilities & Other

**Priority** Priority Level 1

**Council District** 1

**Status** Active



### Description

This project is to provide backup generators for Allison WWTP and Oso WWTP to maintain City's wastewater treatment in compliance with regulatory requirements. The city has been considering gas or diesel generators to supply these two WWTPs in response to power outages.

### Justification

The City of Corpus Christi covers approximately 490 square miles, and experiences extreme weather events such as hurricanes and tropical storms due to its location and proximity to the coast. These extreme weather events are typically accompanied by power outages that make it challenging for City staff to keep the City's key wastewater infrastructures operational.



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Questions?

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