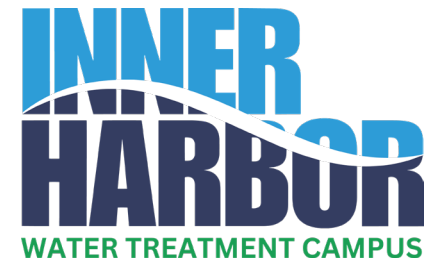


Update on Inner Harbor Water Treatment Campus Project

City Council Meeting
May 13, 2025



Presentation Overview



Current Project Status Update



Project Timeline



Near and Far Field Modeling



Demonstration Plant Update



Future Project Topics



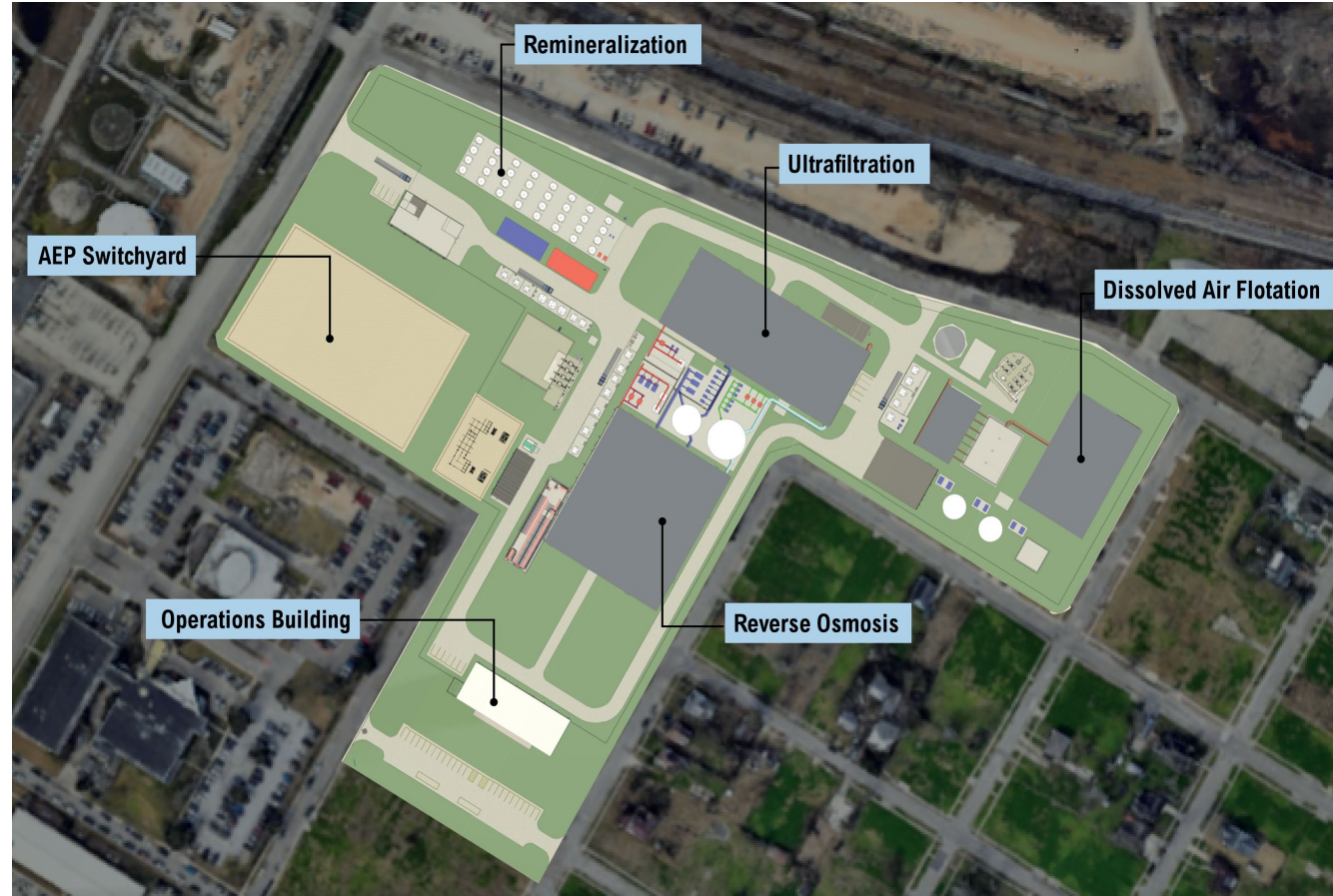
Alternative Water Supply Project Update



Project Website



Communication Campaigns



Current Treatment Campus Layout

Current Project Status Update

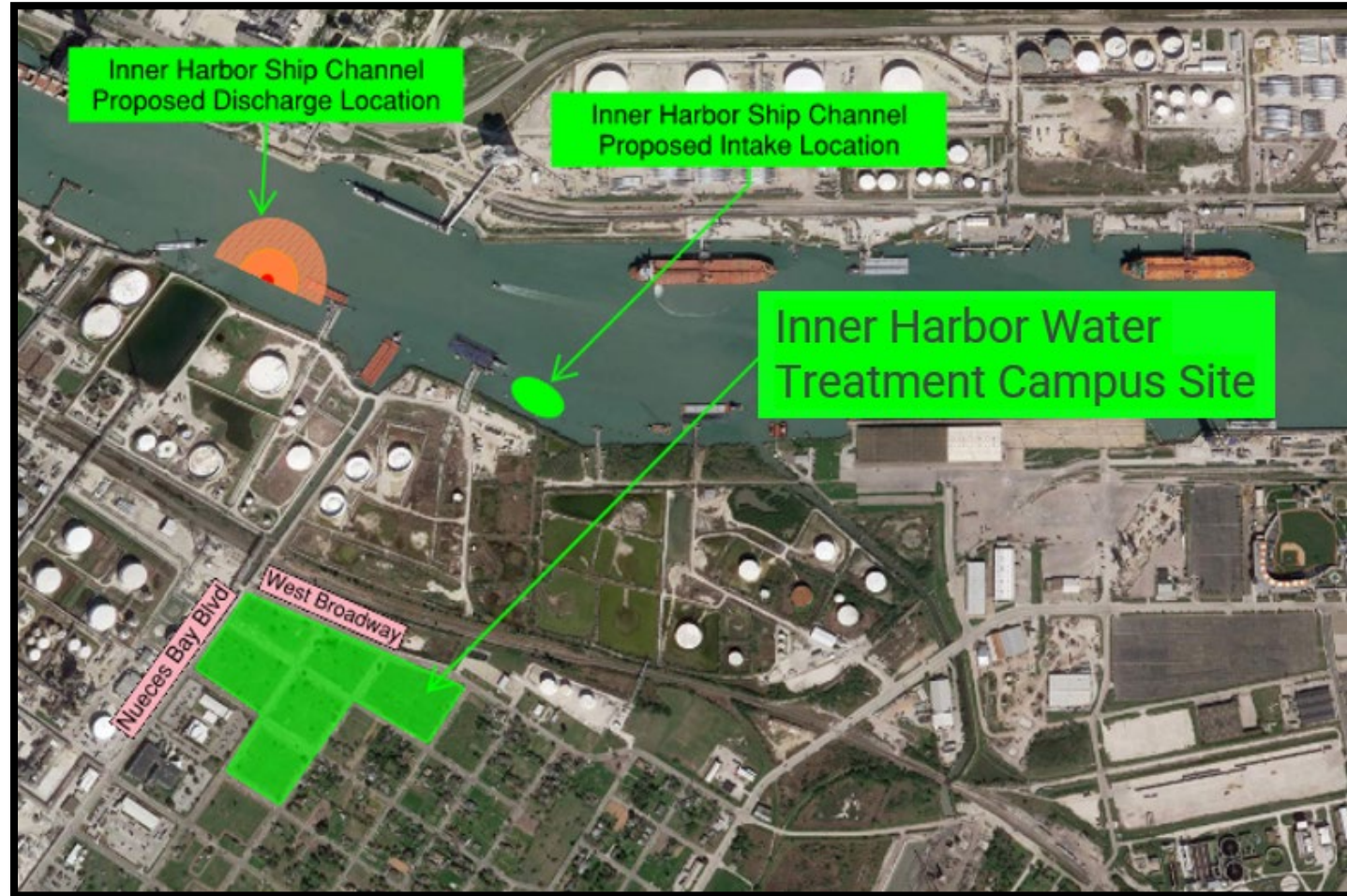
Project Overview:

Phase 1A – Planning, Pilot Protocol, and Basis of Design

Phase 1B – Design, Early Works, and Guaranteed Maximum Price (GMP)

Phase 2 – Final Design and Construction

Phase 3 – Operating and Maintenance Services



Current Project Status Update

Current Status:

Phase 1A – Start Date: December 3, 2024

Duration: 180 Days

Task: Basis of Design Report (BODR) and Cost Model

Phase 1B – First contract amendment issued April 2025 (Step 1; \$4.7M)

Scope: Technology supplier submittal development, Siemens transformers, and GHD design support

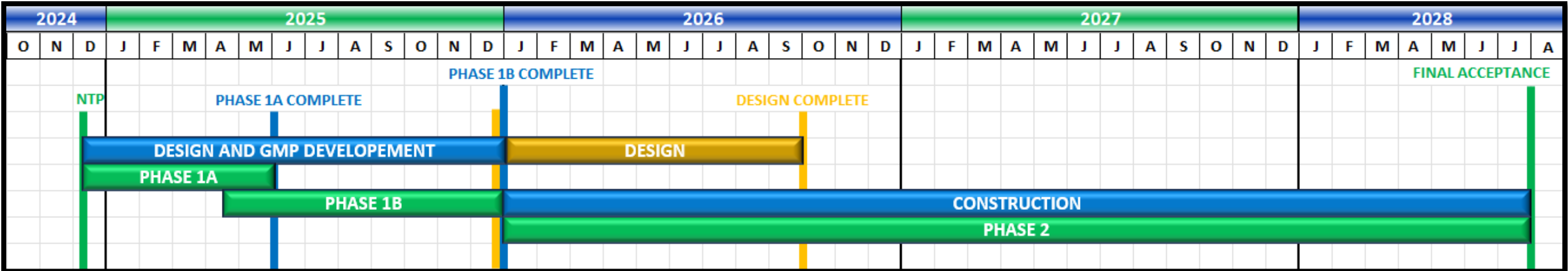
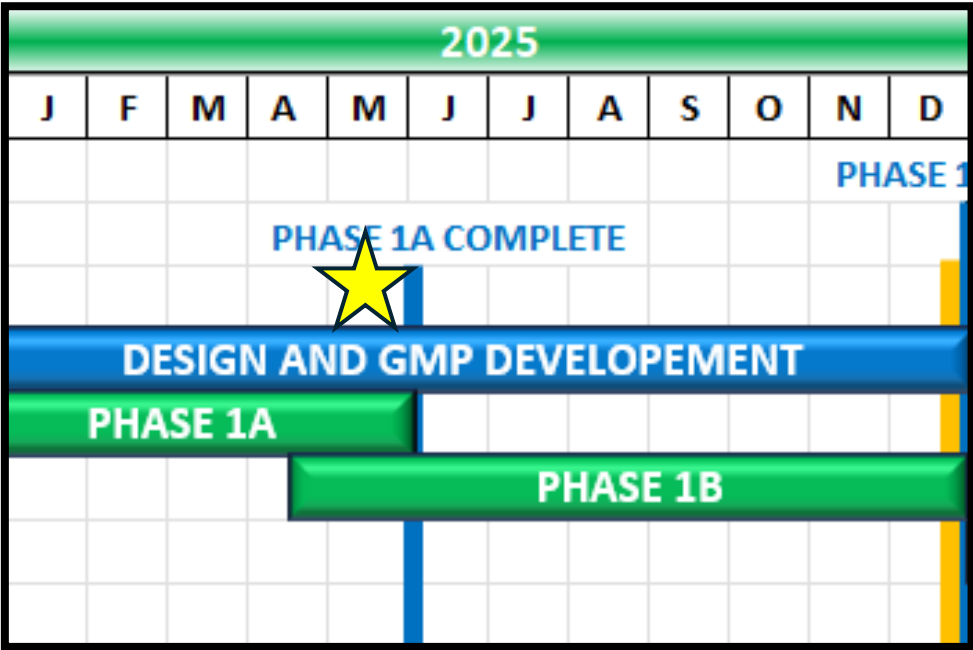
Start Date: April 15, 2025

Upcoming Contract Amendments: Demonstration Plant, Design and GMP Development, and early work packages

Project Timeline

Current Status (★):

- BODR Draft under review
- Demonstration Plant contract amendment under review
- Cost Model in development



Near and Far Field Modeling: Inner Harbor Ship Channel

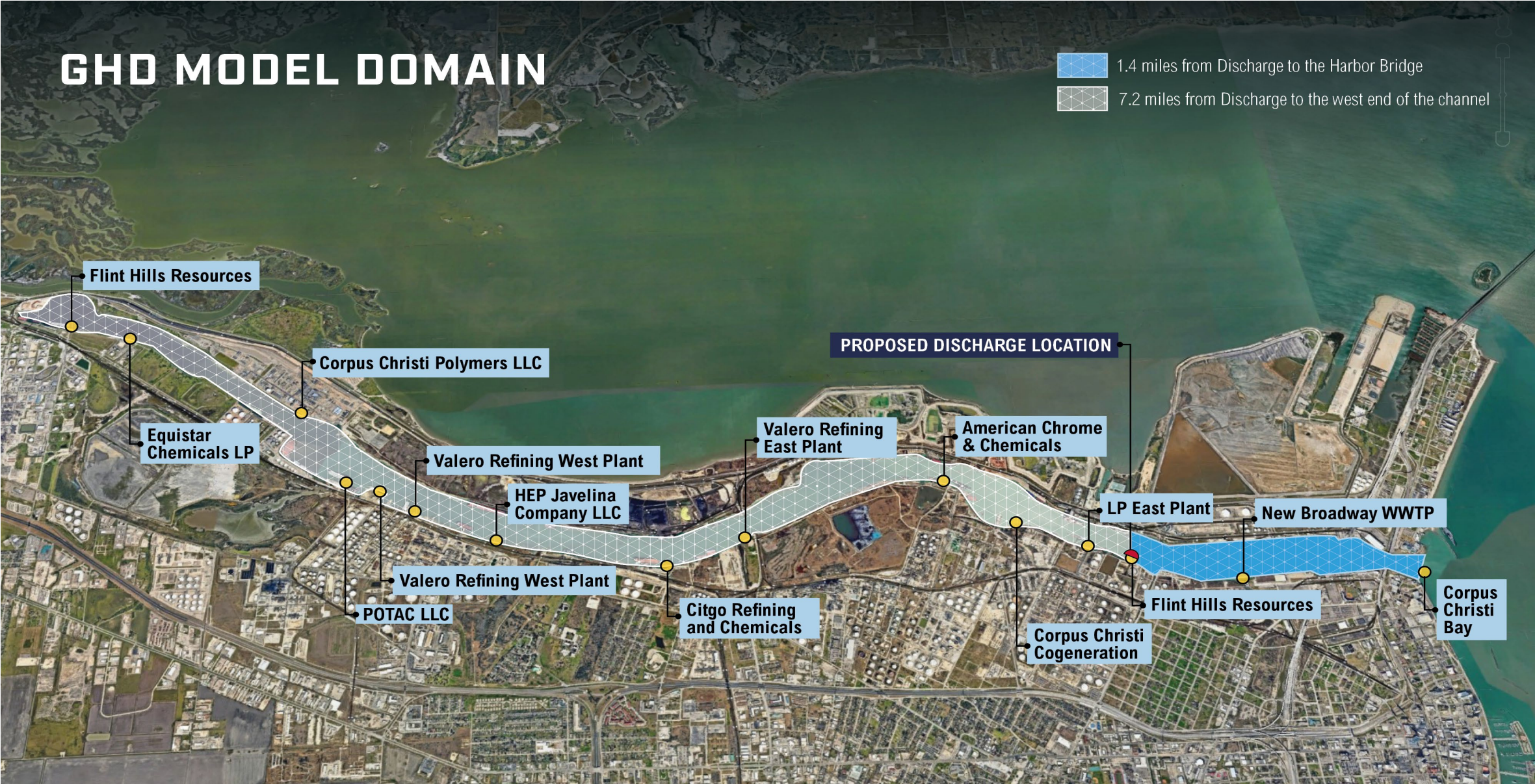
Key Dates:

- Draft Submitted for Review:
May 2025
- Completion Date: June
2025
- Council Presentation Date:
July 15, 2025

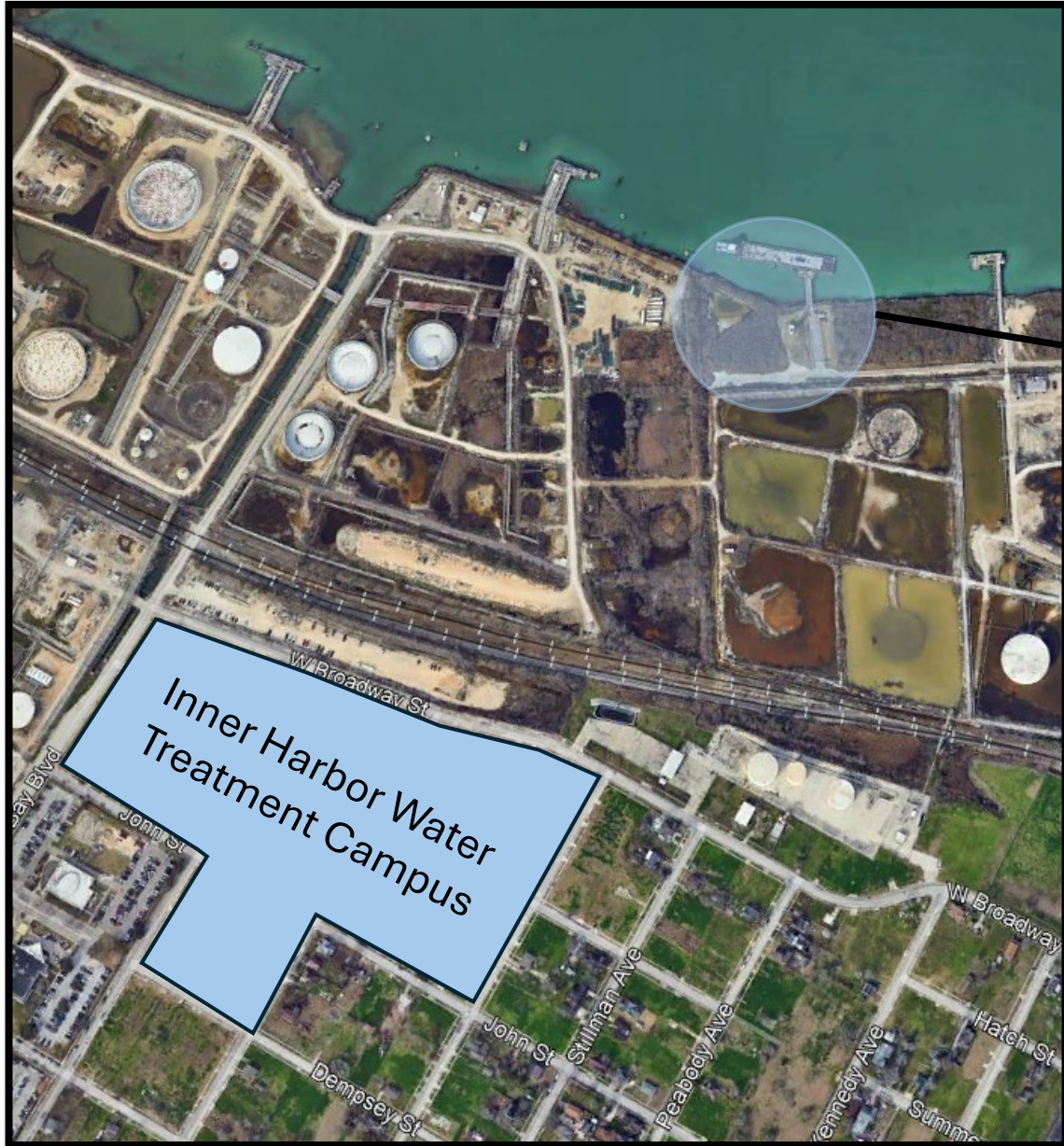
Model Details:

- Limits: Inner Harbor Ship Channel
(West of CC Polymers to Harbor Bridge)
- Characteristics Evaluated:
 - Salinity
 - Temperature
 - Dissolved Oxygen
 - Stratification
 - Tides/Tidal Movement

Near and Far Field Modeling



Demonstration Plant Update



Timeline:

- Construction Start: June 2025
- Operation Startup: July/August 2025
- TCEQ 30-Day Start: September/October 2025

Demonstration Plant Update



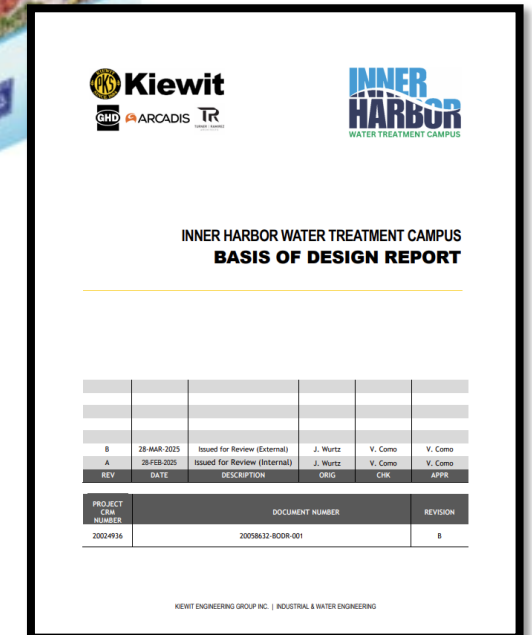
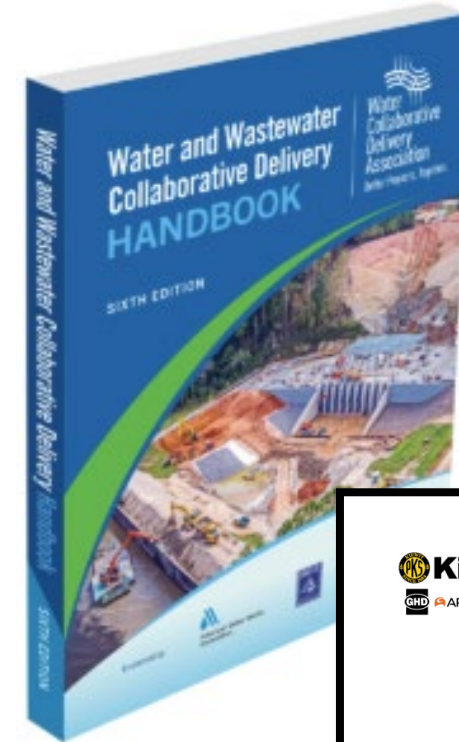
Future Project Topics

Upcoming Briefings and Meeting:

- City Council Briefings
 - Twice per month through 2025
 - Next briefing June 10, 2025
- Basis of Design Workshop
 - May 14-16, 2025
 - Attendees: City Staff, Freese and Nichols, and Kiewit
- Understanding the GMP Development
 - June 17, 2025

Upcoming Project Deliverables:

- Demonstration Plant Contract Amendment
- Basis of Design Report and Cost Model
- Design and GMP Development Contract Amendment



Alternative Water Supply Project Update

Groundwater Supply Assessment with Garver

- Provided Garver with an NTP on May 5, 2025
- Met with Garver to provide requested data on May 8th & 9th
- Granted Garver access to the City's contracted geologist, Steve Young

Nueces River Groundwater Wells Project

- Submitted bed and banks permit application to TCEQ on May 12, 2025
- Delivered letter to the Governor requesting the need for drought relief and support for the City's temporary bed and banks permit
- Installed permanent natural gas generator at Well No.1

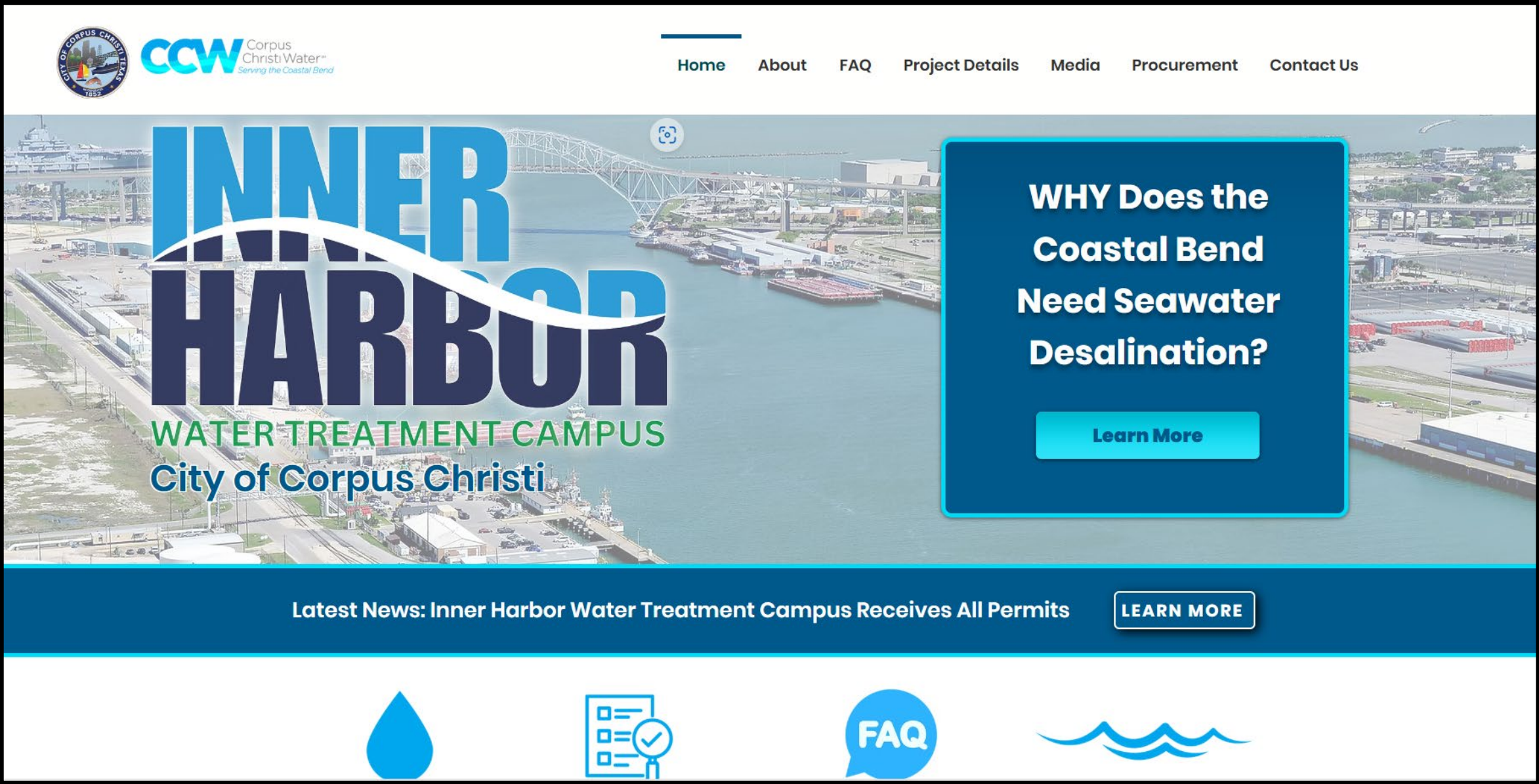
South Texas Water Authority (STWA) Project

- Continued conversations on the feasibility of partnering with STWA's groundwater project

Reclaimed Water Infrastructure Project with Garver


- Issued Garver an Informal NTP and asked Contracts & Procurement to expedite this contract for professional services, approved by City Council on April 8, 2025

Project Website




Project Website Features


- Informative Content About the Project and Why the Coastal Bend Needs Seawater Desalination.
- Frequently Asked Questions
- Project Timelines
- Project Details
- Procurement Process
- High-level Video (e.g. “Desalination 101”)
- Deep Dive Video – Inside City Hall segment
- Project Presentations to City Council




What is
Seawater Desalination?



Seawater Desalination
Fact Sheet

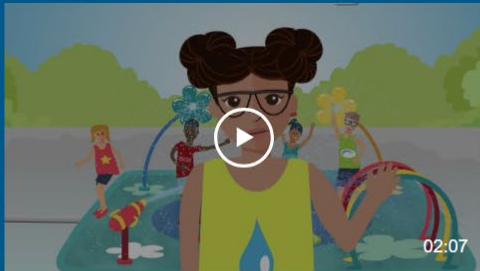


Frequently Asked
Questions




Project Details

Learn about the Inner Harbor Water Treatment Campus



City of Corpus Christi |
How Desal Works



City of Corpus Christi |
Inside City Hall Ep.1

3 Communications Campaigns

#1 Local Education Campaign - Inner Harbor Water Treatment Campus

#2 Statewide Education Campaign - Texas Tribune

#3 Local Education Campaign - Four-Tiered Approach to Water Security

- Project Goals:

- Educate and Inform Various Audiences About What the City of Corpus Christi is Doing to Secure More Water.
- Educate and Inform Residents and Community Members About Desalination and the Inner Harbor Water Treatment Campus.
- Ensure That People Can Find Details and Clarify Facts.
- Through the Websites for Each Project, Ensure That People Have a Mechanism for Asking Questions.

Communications Campaign #1

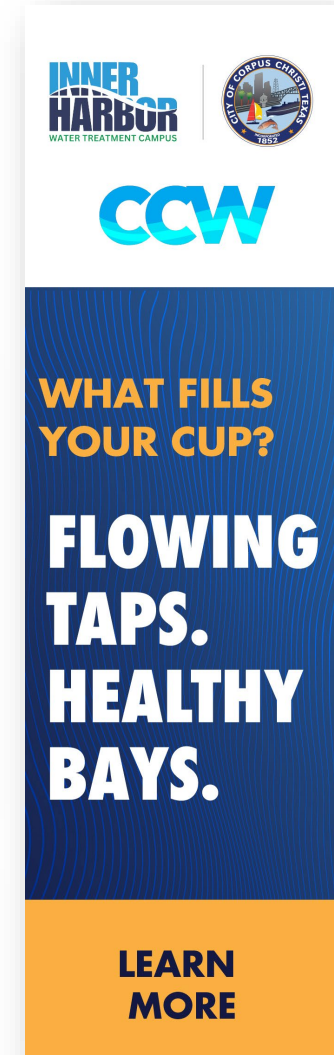
- Local Education Campaign
 - Promoting Inner Harbor Water Treatment Campus
 - Audience = Residents and Local Community
 - Includes:
 - Facebook Ads
 - Instagram Ads
 - Google Search Ads
 - Google Display Ads
 - Radio Ads
 - Google Search Ads Began April 1, 2025
 - Remaining Digital Will Begin Over the Next 2 Weeks
 - Radio Begins June 2, 2025



Communications Campaign #1

What Fills Your Cup?

- Through our “What Fills Your Cup?” Campaign, we show how having access to clean water keeps all of our cups full, literally and metaphorically.



Communications Campaign #2

- Statewide Education Campaign
 - Texas Tribune
 - Abundant Water, Strong Community
 - Audience = Elected Officials and Statewide Business Community Leaders
- Includes:
 - Texas Tribune Website Ads
 - Sponsored Article on Texas Tribune Website
 - Email Newsletter Blasts
- Metrics:
 - Over 100,000 Website Impressions
 - More than 80,000 Newsletter Impressions
 - Over 900 Ad Clicks to the Website



**ABUNDANT WATER,
STRONG COMMUNITY**

Securing an Affordable, Sustainable,
Environmentally-Friendly Water
Solution for the Coastal Bend

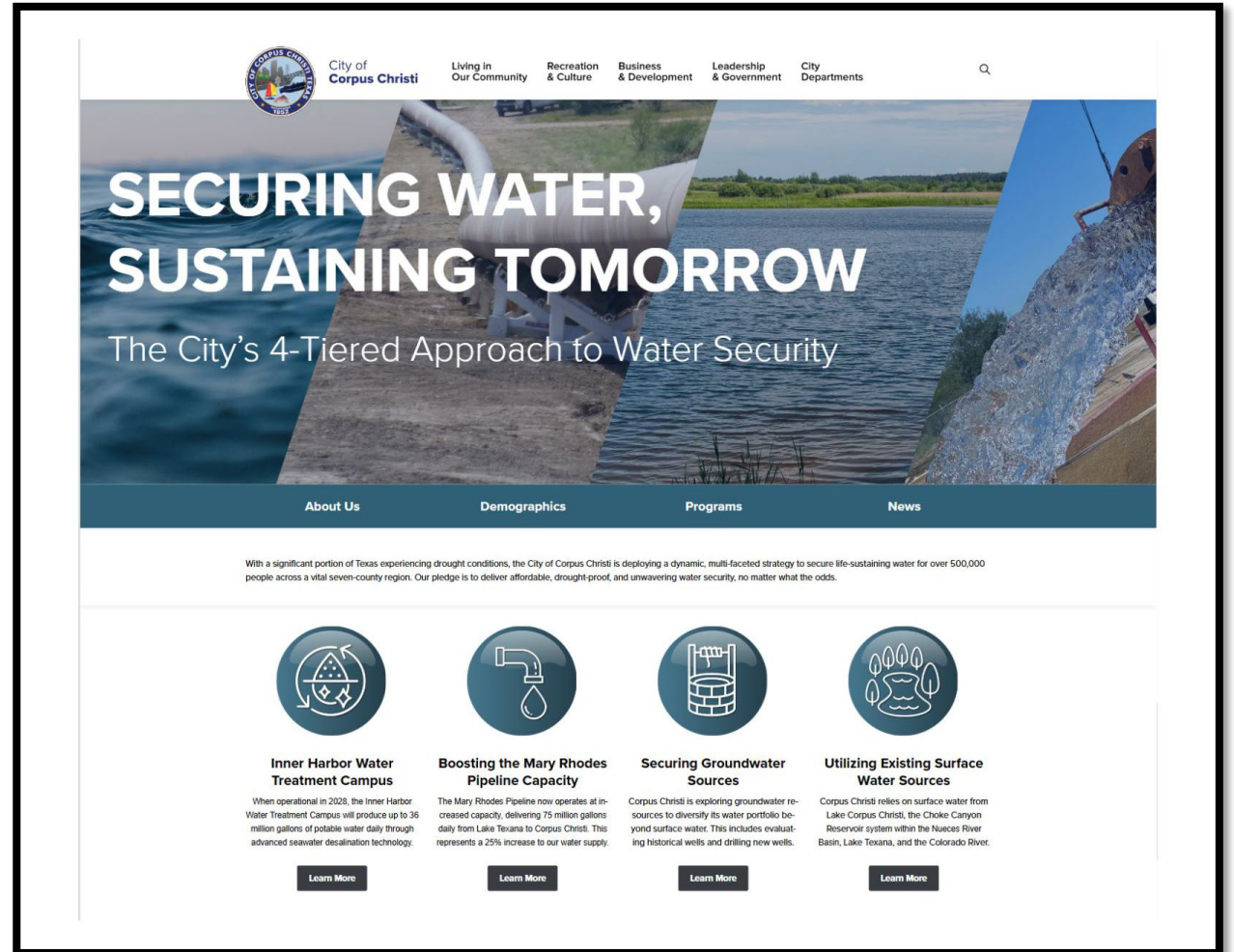
The City of Corpus Christi has Proudly Provided
Water to the Coastal Bend for Over 100 Years.

[LEARN MORE](#)

Communications Campaign #3

- Local Education Campaign
 - Four-Tiered Approach to Water Security
 - Audience = Residents and Local Community
 - Includes:
 - Dedicated Campaign Web Page
 - “Inside City Hall” Video
 - Media Relations Strategy
 - Facebook Ads
 - Instagram Ads
 - Television Commercials
 - Radio Commercials
- Scheduled to Start June 2, 2025



Communications Campaign #3

SECURING WATER, SUSTAINING TOMORROW

THE CITY'S 4-TIERED APPROACH TO WATER SECURITY

1 SEAWATER DESALINATION

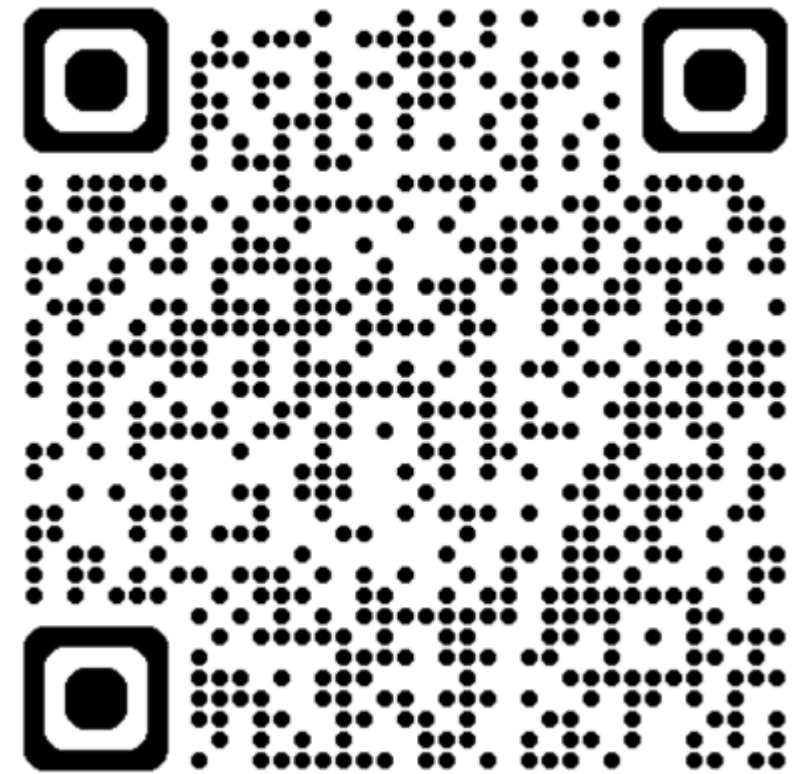
2 PIPELINE EXPANSION

3 LAKES AND RESERVOIRS

4 GROUNDWATER WELLS



CCW



Questions?