



NUECES RIVER AUTHORITY

New Water for South Texas Project

John J. Byrum II
Executive Director
Nueces River Authority

Corpus Christi City Council
August 12, 2025



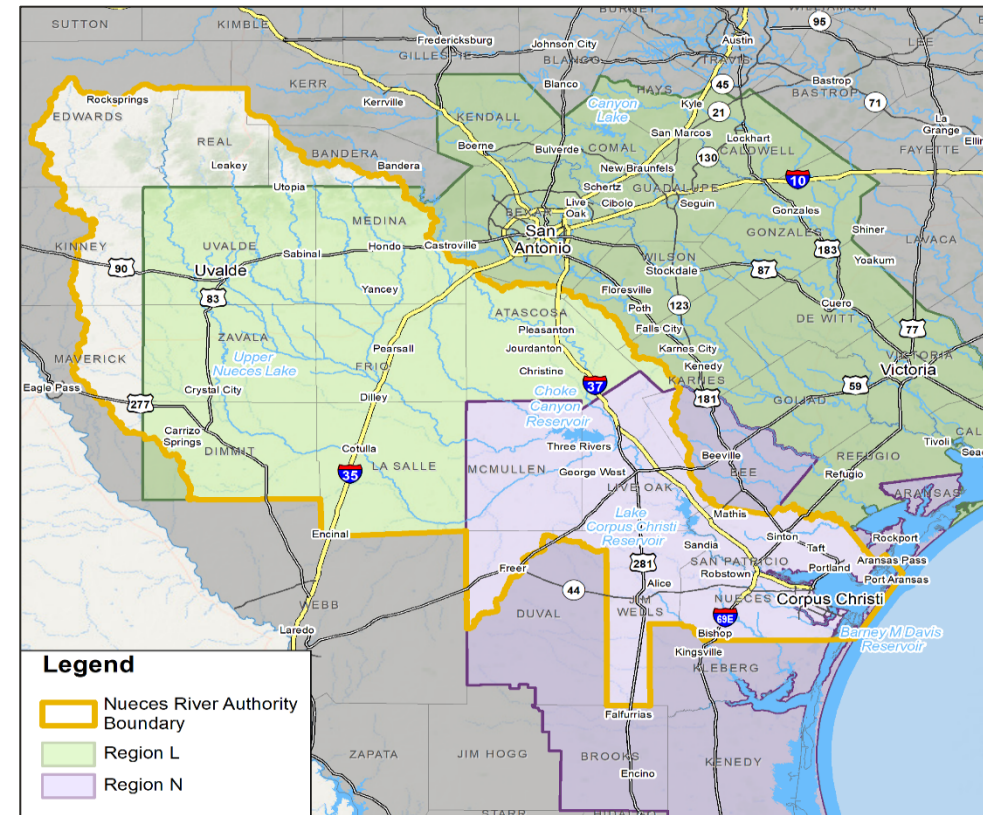


Since 1935

Nueces River Authority

Created in 1935 by special act of the 44th Texas Legislature

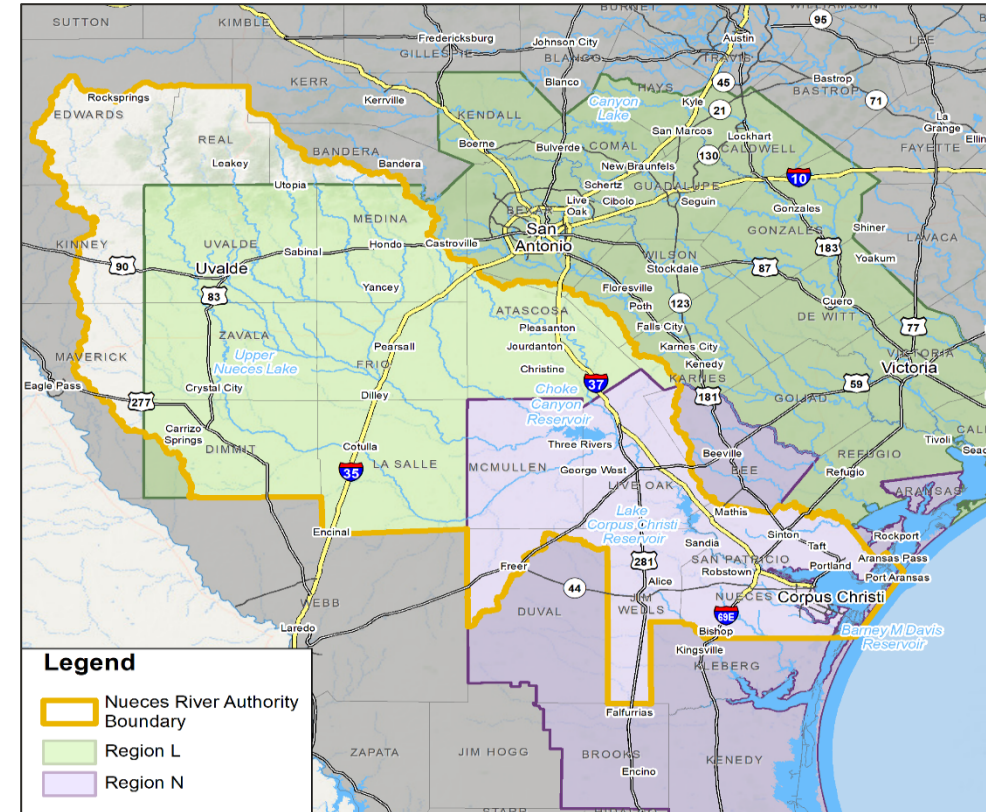
- Function primarily as a regional water resource planning agency
- All or part of 21 counties in South Texas covering 17,000 square miles
- Governor-appointed Board of 21 directors





Nueces River Authority

- Preserve, protect, and develop surface water resources
- Includes flood control, irrigation, navigation, water supply, wastewater treatment, and water quality control
- Political sponsor and voting member of the Coastal Bend (Region N) Regional Water Planning Group (RWPG) and voting member of the South Central Texas (Region L) RWPG

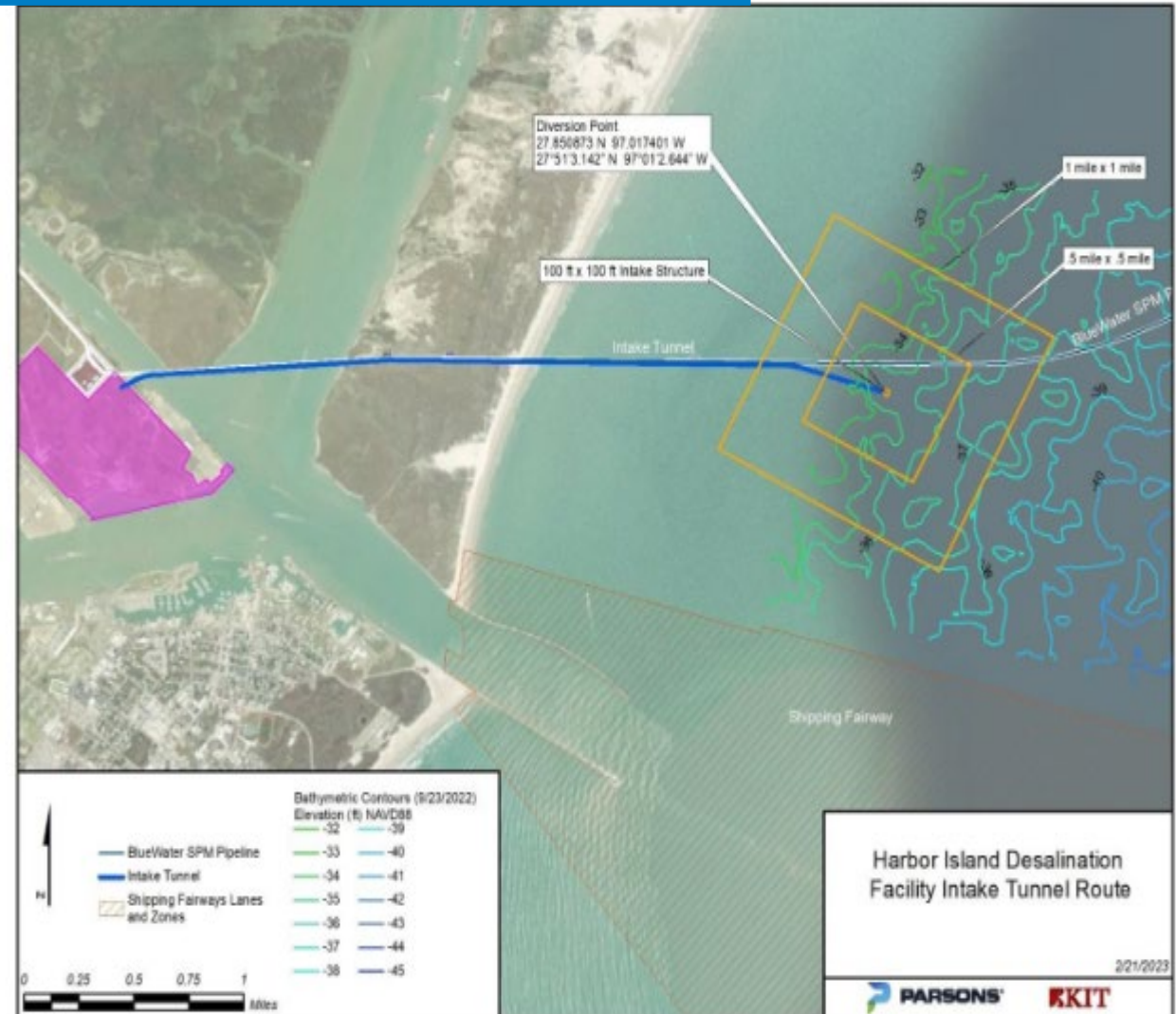




New Water for South Texas | Project Overview

Phase I – Seawater Desalination Treatment Plant

- **Public Private Partnership (P3)**
DBFOM & Transfer
- **30-year take-or-pay WPA**
- **100 MGD Reverse Osmosis Plant**
- **Offshore marine works**
- **Electrical distribution to facility**



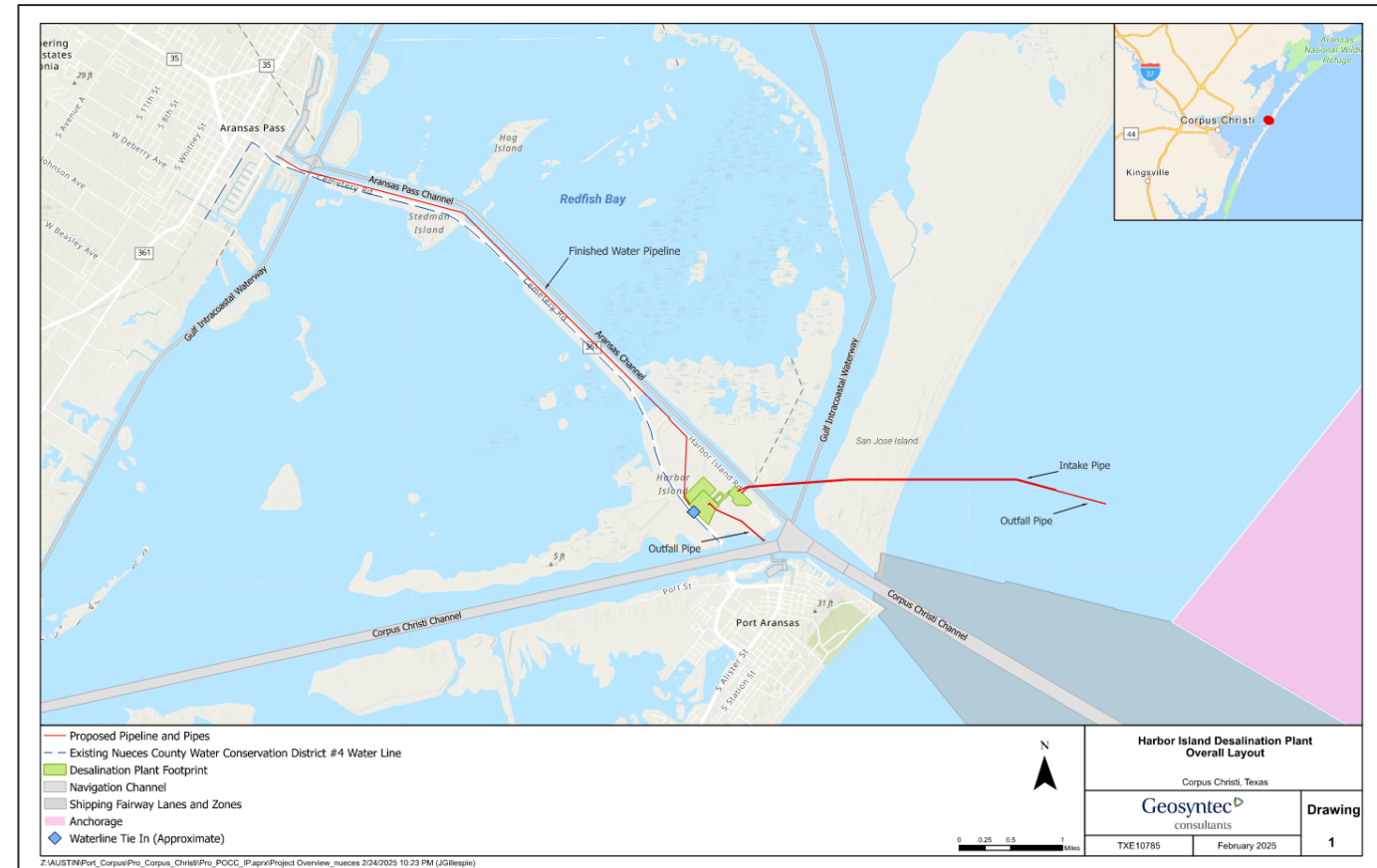


Since 1935

New Water for South Texas | Project Overview

Product Water Pipeline

- ~ 6 miles of pipeline
- Delivery point in Aransas Pass
- Described in permits/approvals under Port of Corpus Christi's TCEQ and USACE and GLO permits and approvals

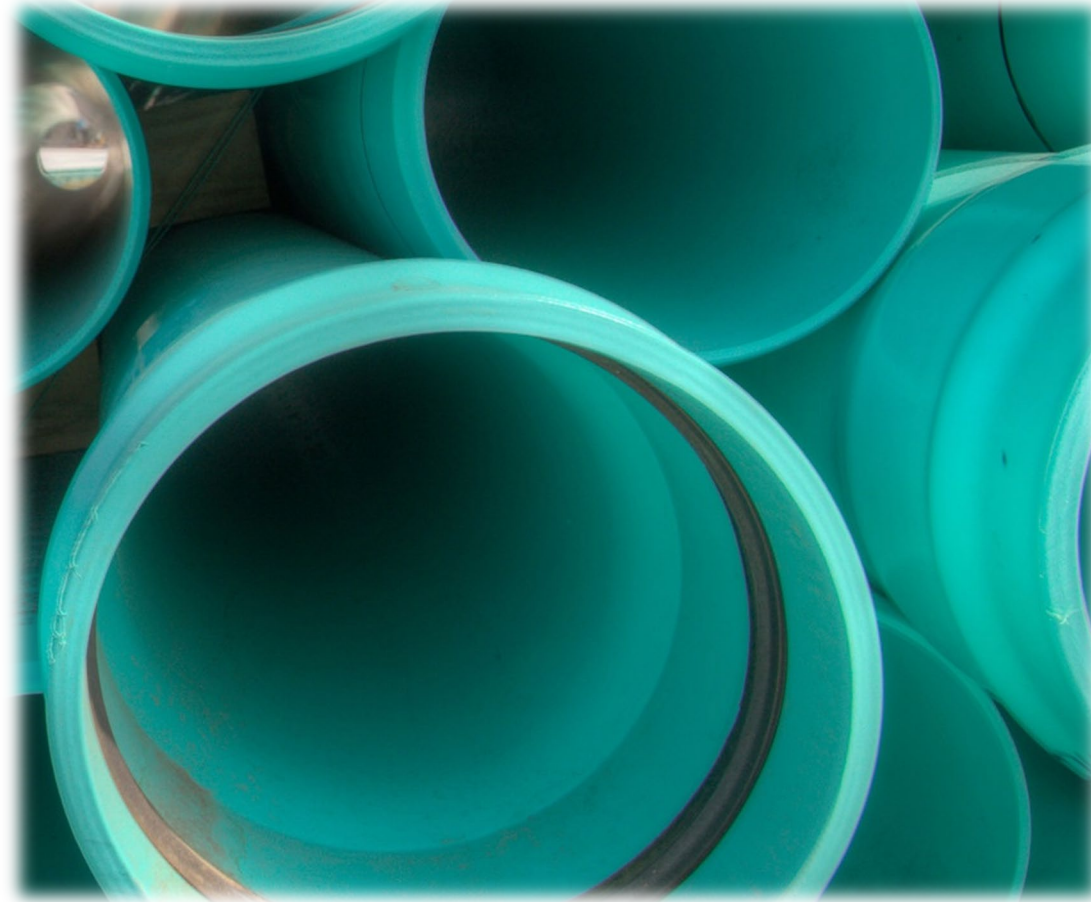




New Water for South Texas | Project Overview

Conveyance/Distribution Pipeline

- **Owned/Operated/Financed By NRA**
- **Size/route end-user dependent**
- **Sizing - up to 84" in diameter**
- **Pump station at the Treatment Facility -
booster pump stations as required**
- **Preliminary Alignment/Design - Fall 2025**
- **Detailed Design - 2026**





Harbor Island | Port of Corpus Christi

Lease Agreement

- 30 acres of Port-owned land
- 50-year agreement (w/extension)
- Right to build and operate
- Includes water pipeline easements
- Improvements owned by NRA
- Port responsible for facility permits & Water Rights
- Rights conveyed to NRA through lease



Permit Process Overview + Status

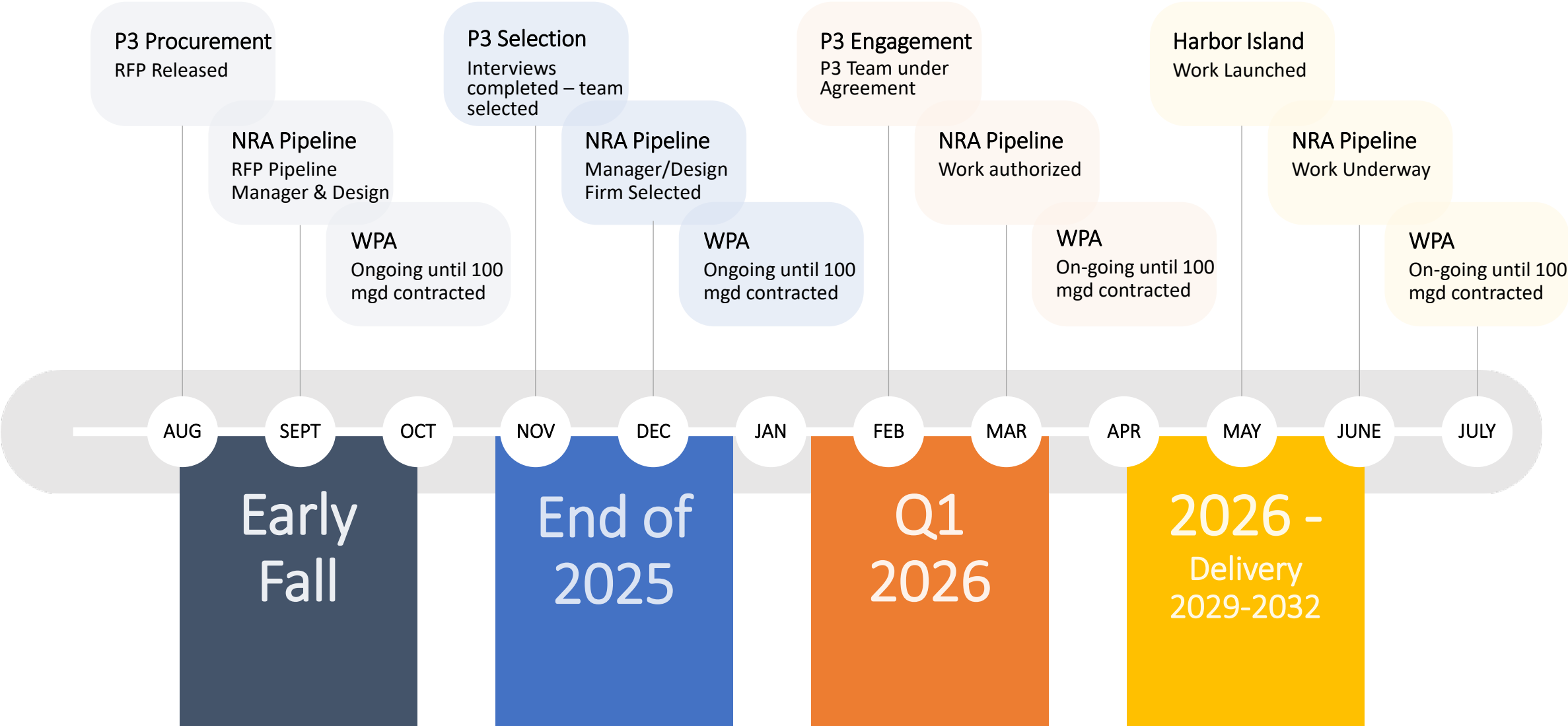


Permit Type	Agency	Description	Status
Lease & Easement (Offshore intake)	GLO	Authorizes placement of structures on state-owned submerged lands	Received.
Offshore Water Rights (100MGD net)	TCEQ	Authorizes intake in Gulf of Mexico	Application submitted and under technical review.
Section 10/Section 404 (multiple scope elements)	USACE	Addresses potential habitat impacts (temporary) from activities in Waters of the US	Submitted Feb '25 through FAST 41; Public Notice complete; ESA Consultation complete; 408/RE review underway.
Offshore Discharge Permit (100 MGD net)	TCEQ	Discharge in Gulf of Mexico	Submitted April 1, 2025. First Public Notice complete on 7/12/2025.
Easement Amendment (Offshore discharge)	GLO	Authorizes placement of structures on state-owned submerged lands	Not yet submitted; submitting 3Q '25



NRA New Water For Texas

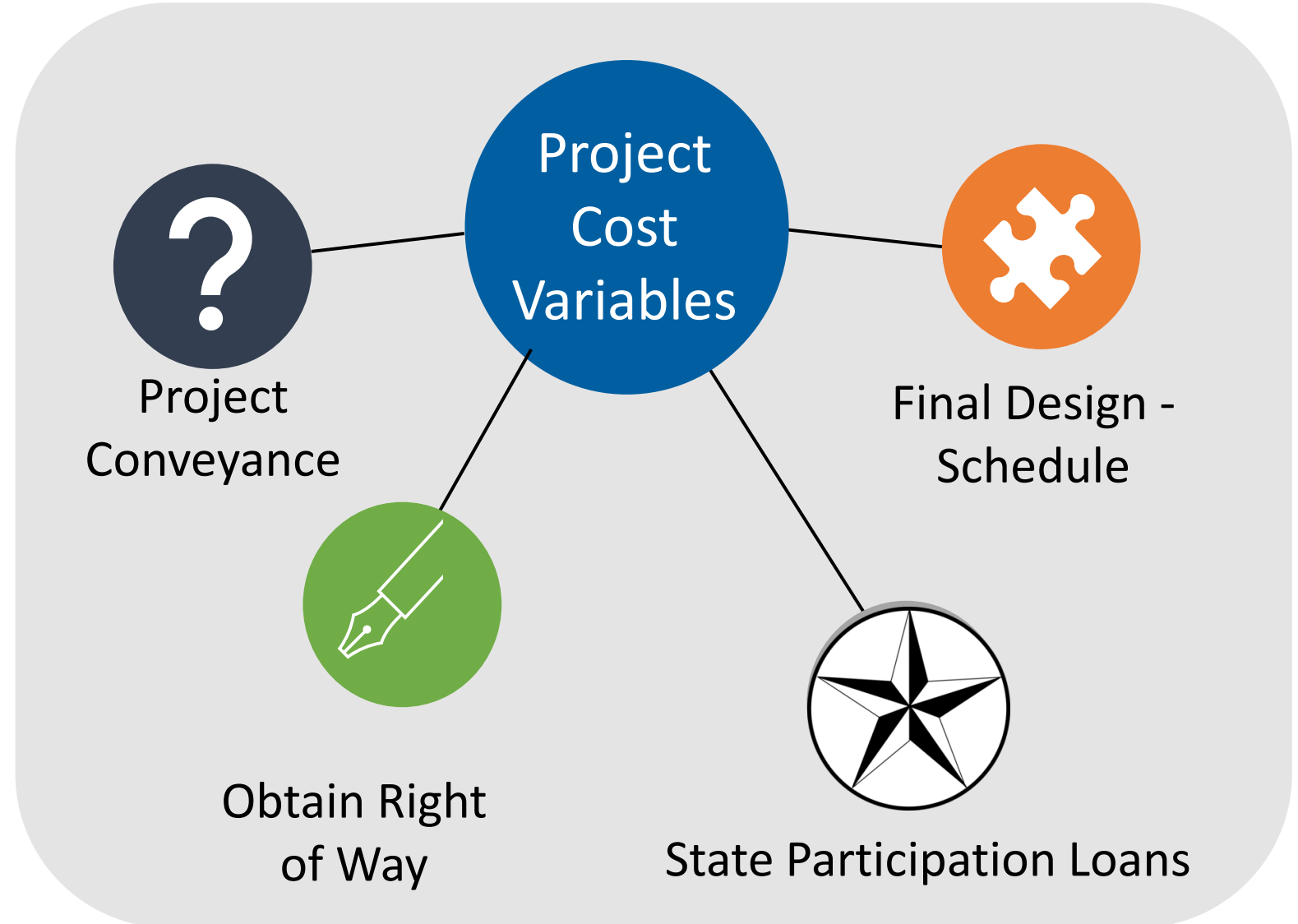
Milestones





NRA New Water For South Texas Final Pricing/Impacts

\$ **\$10 - \$15**
World Wide
Average Cost
(per 1000 gallons)





NRA New Water For South Texas Water Reservation Fees

Reservation Fee

Municipal: **\$24.44/Ac.ft.**

Industrial: **\$48.88/Ac.ft.**

First Paid Basis

Once capacity is sold and paid -
all other offers are rescinded.

City of Corpus Christi will receive a
rate advantage at the time of water
purchase.





NRA New Water For South Texas – Advantages

- ✓ Expandable
- ✓ Environmentally Sound
- ✓ Infrastructure sufficient for the future growth





NRA New Water For South Texas Questions & Thank You

**John J. Byrum II
Executive Director
Nueces River Authority**

**(830) 278-6810
jbyrum@nueces-ra.org**

