

NUECES RIVER AUTHORITY

Harbor Island Seawater Desalinization Project

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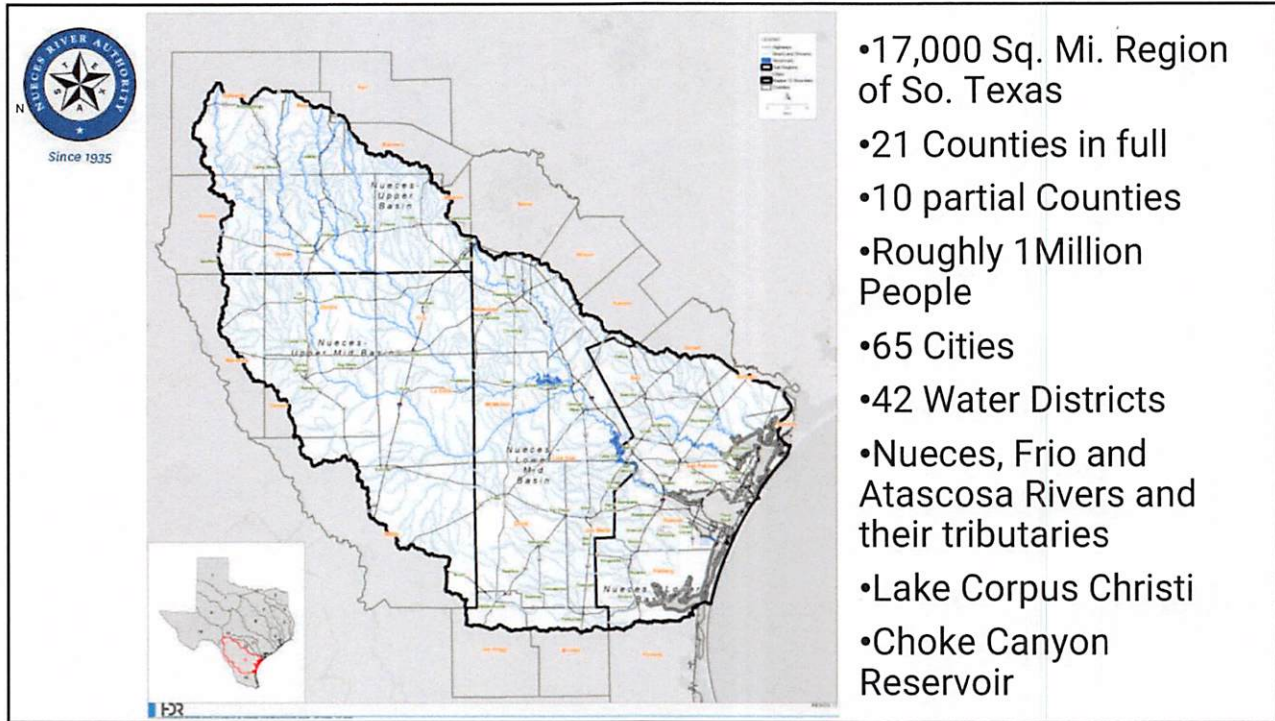


Nueces River Authority Enabled by the Texas Legislature in 1935

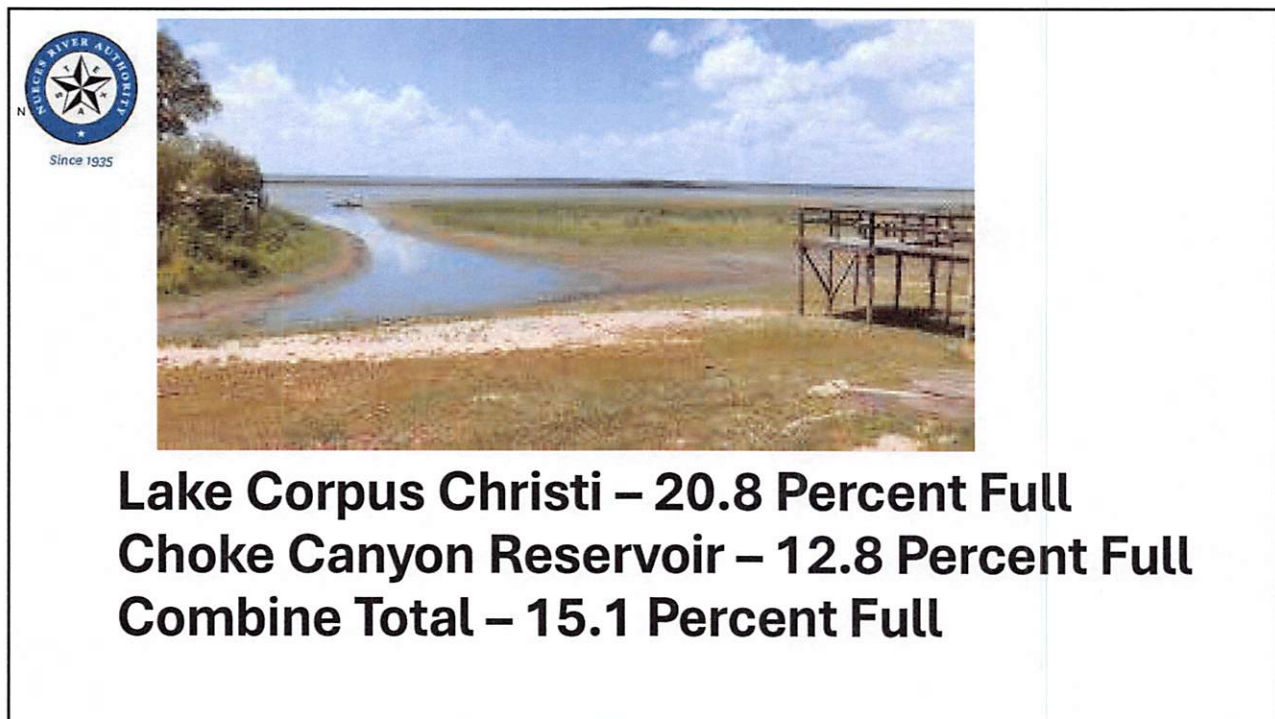
Broad authority to:

- preserve, protect, and develop water resources;
- provide for flood control, irrigation, and navigation;
- develop parks and recreational facilities;
- finance water supply, treatment, & pollution control projects;
- receive state and federal grants and loans

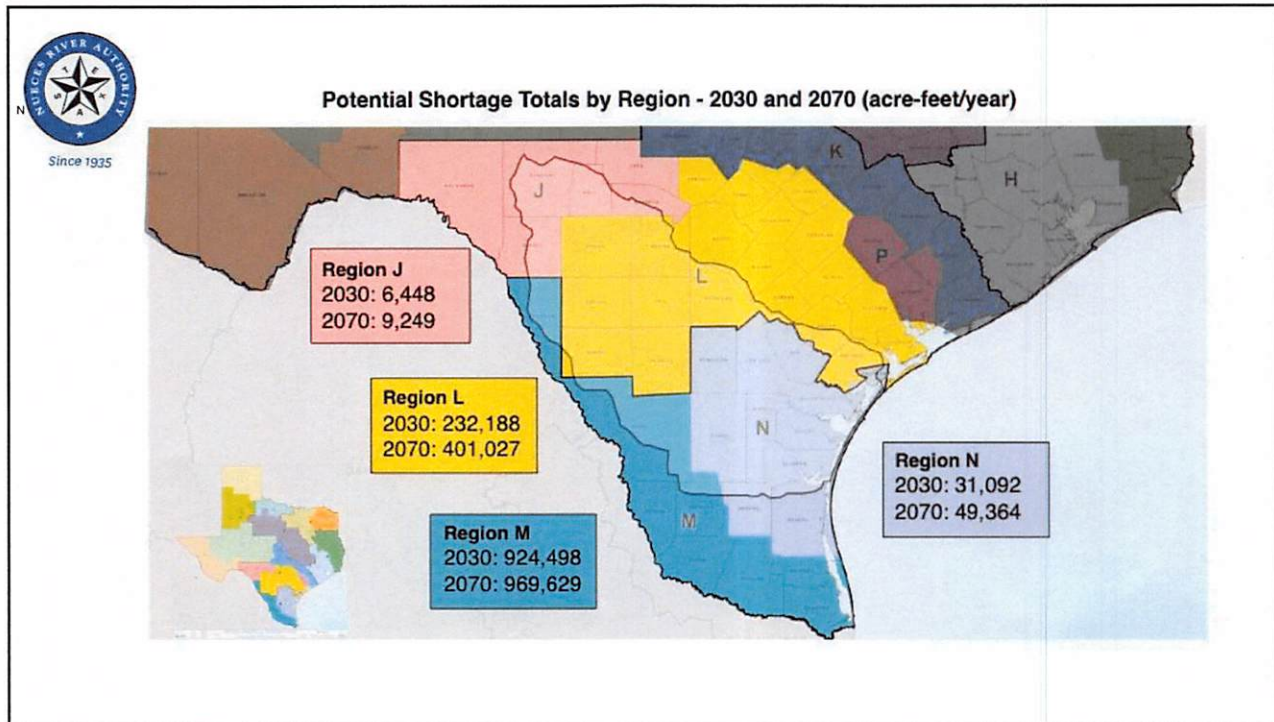
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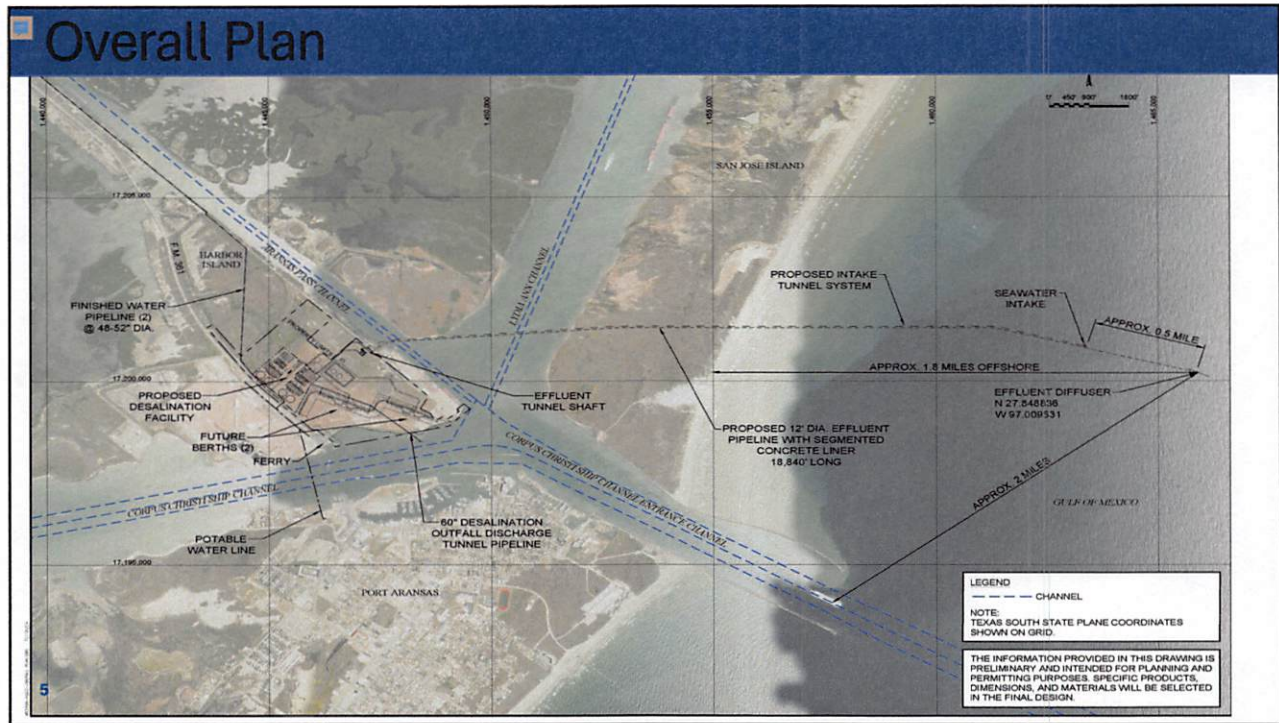
Large Scale Marine Desal

100 MGD Plant

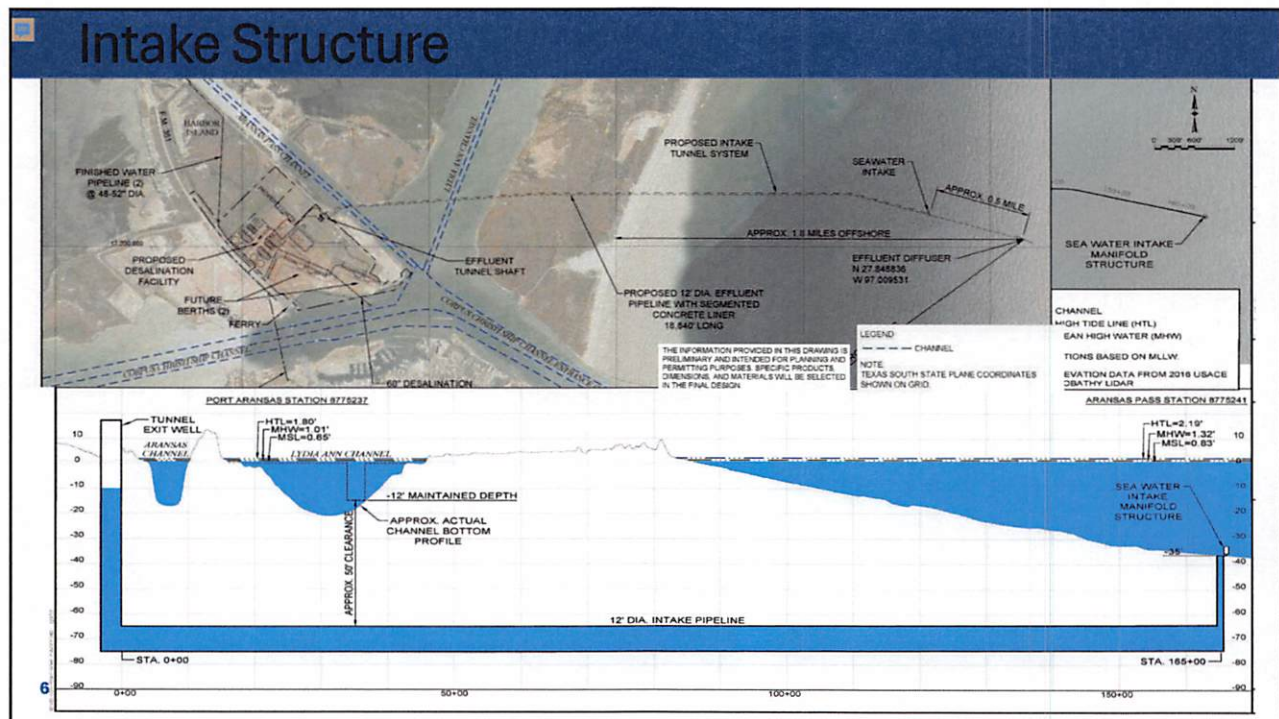
Pipeline up the I37 Corridor

**Service the Cities and Water Districts
along through the basin and beyond**

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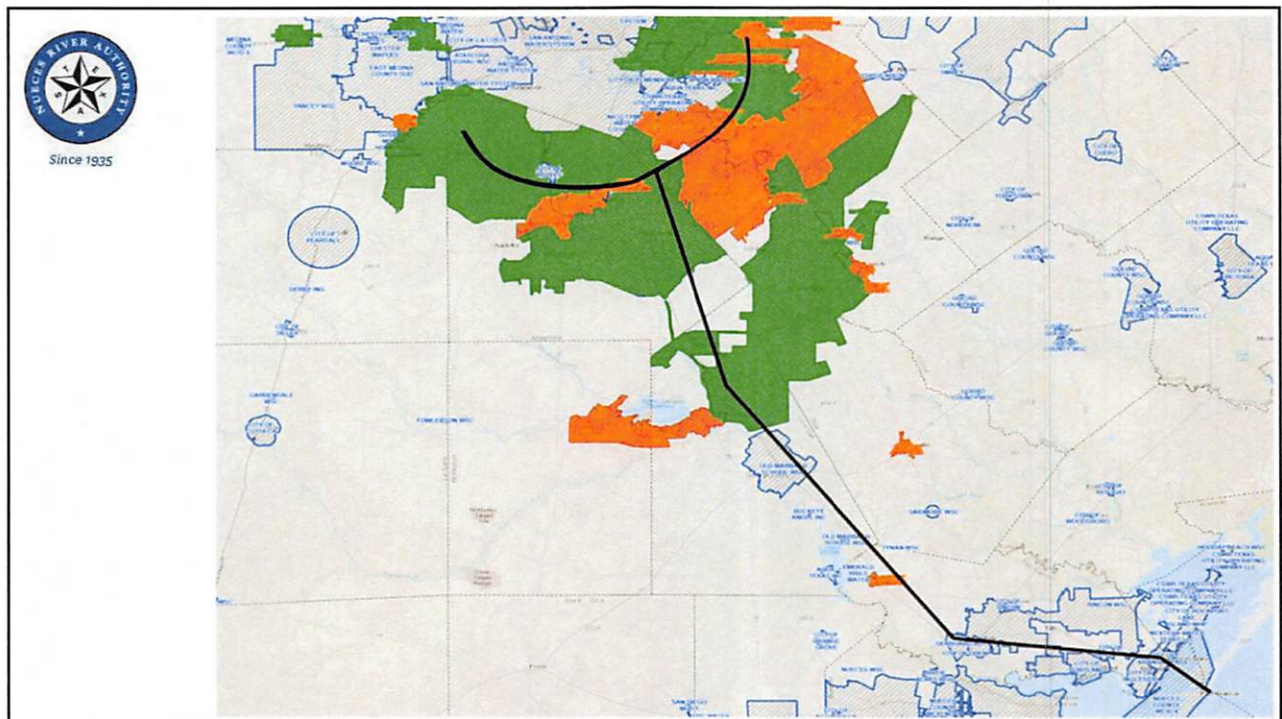


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Summary of Potential Impacts (Avoided or Minimized)

Potential Impact	Avoided or Minimized	Description of Measures
Wetlands, SAV, oysters	Avoided	○ Situate facilities to avoid impacts ○ Utilize HDD/micro-tunneling/tunneling
Larval Fish	Minimized	○ Locate intake / discharge in Gulf of Mexico in 35' + of water ○ Locate intake ~20' below surface ○ Reduce flow velocity (≤ 0.5 ft/s)
Marine Life / T&E Species	Avoided	○ Locate intake / discharge in Gulf of Mexico in 35' + ○ Locate intake ~20' below surface ○ Reduce flow velocity (≤ 0.5 ft/s) ○ Intake includes bar screens
Benthic Organisms	Avoided	○ Locate intake and discharge at least 5' above sea floor
Salinity	Minimized	○ Use of diffuser technology to mix salinity to diffuse brine to less than 2 ppt over ambient 100 meters from discharge point ○ Discharge in Gulf of Mexico
Cultural Resources	Avoided	○ Designed to avoid identified cultural resources

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NEXT

Where is the Water Going? YOU

Cost depends on the cost of pipeline to customer plus production fees

Reservation Contract for Municipal Water Providers

- \$24.44 per Acre Foot = \$27,376.32 per Million MGD per Day
- Reserves your capacity at the Plant
- Over next 12 to 18 months,
 - Pipeline Plan
 - Preliminary Pricing
- Only 100 MGD capacity open to reservation now