

Water Supply Projects Update

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Director of Water System Infrastructure

April 14, 2026

Discussion Topics

Surface Water

- Western Reservoirs, Lake Texana

Ground Water

- Evangeline Groundwater Program
- Nueces River Groundwater Project
 - Western Well Field
 - Eastern Well Field
- Brackish Groundwater Reverse Osmosis

Wastewater Reuse



Surface Water

Surface Water Supply

Lake Corpus Christi & Choke Canyon Reservoir

Choke Canyon Reservoir



Daily Reservoir and Pass-Thru Status Report April 13, 2026

- Lake Corpus Christi capacity is 8.6%
- Choke Canyon Reservoir capacity is 7.5%
- Combined Capacity is 7.8%

Surface Water Supply

Lake Texana



April 14 Reservoir Capacity

55%

Groundwater

Nueces Groundwater Program

Eastern Well Field

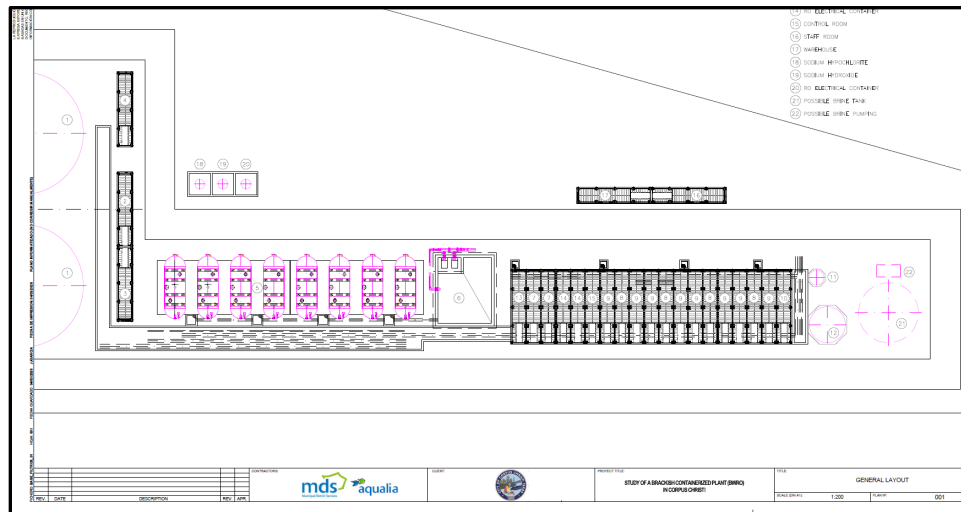
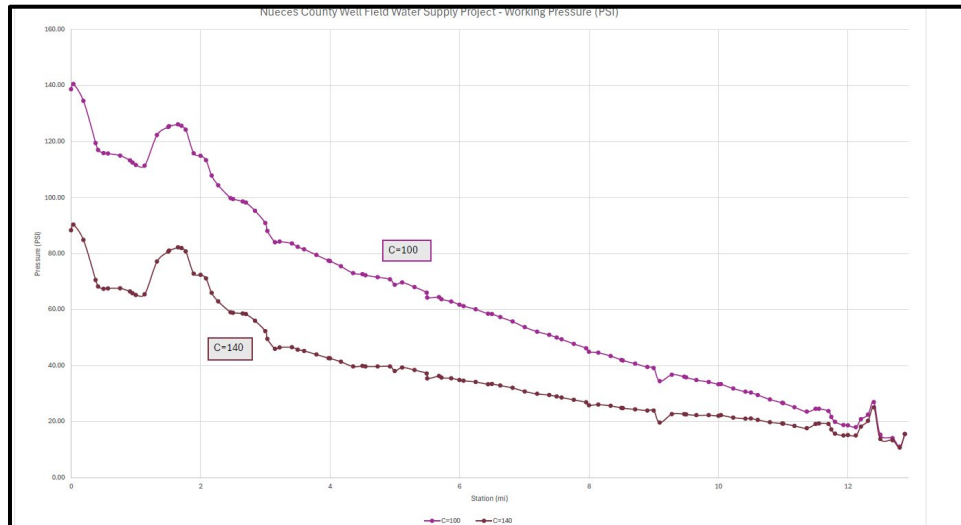
- Well field is substantially complete and operating per the conditions of the Bed and Banks Permit
- Last Seven Days Average is 3.6 MGD

Western Well Field

- Bed and Banks Permit – Temporary Issued March 18, 2026
- Well Field producing approximately 10 MGD
- By the end of this week, 7 wells will be operational, producing approximately 14 MGD
- Full Well Field operation is expected to be in service by the end of May 2026
- Average depth of cemented casing is 515'



Brackish Ground Water Treatment



- Aquila was issued a notice to proceed on April 13
- Permitting Meetings with TCEQ
 - Reverse Osmosis Treatment
 - Discharge including evaporative ponds, injection well, and surface discharge
- Extensive review of water quality by Aqualia
- Conveyance Line Design and Construction
- Ground Storage Tanks
 - Western Well Field & ONSWTP
- Pump Station at Western Well Field
- ONS Civil, Piping, and Foundational
- Electrical

Brackish Water Treatment Plant

Project Scope - Groundwater Reverse Osmosis

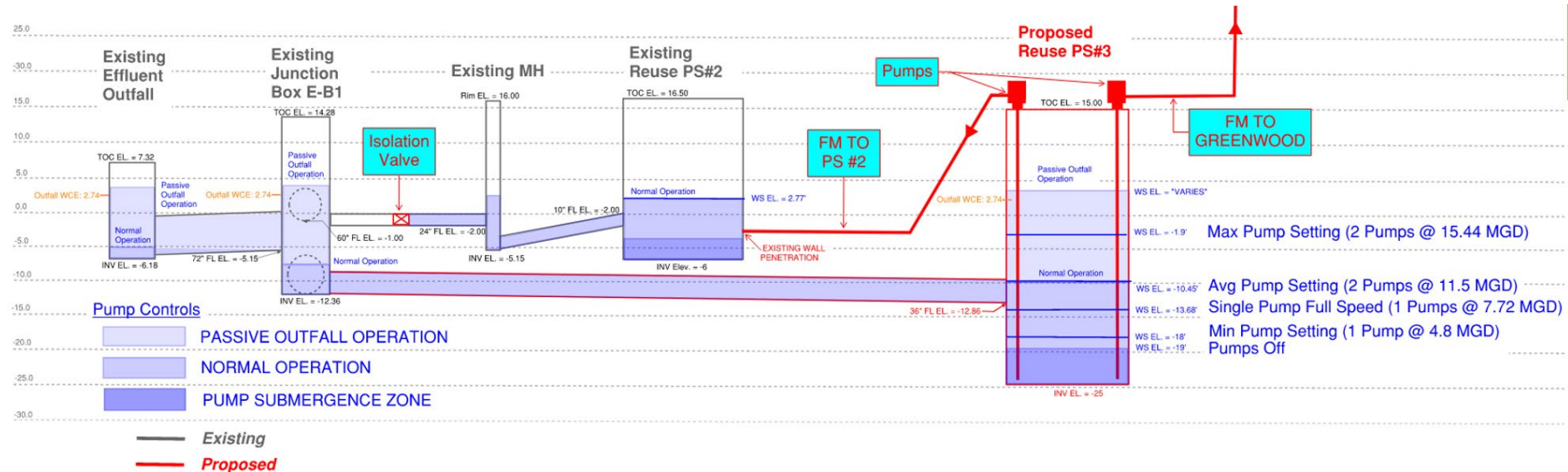
Treated Water Delivery Schedule

- 3.91 MGD in 11 Months
- 9.24 MGD in 14 Months
- 14.56 MGD in 18 Months
- 21.3 MGD in 24 Months

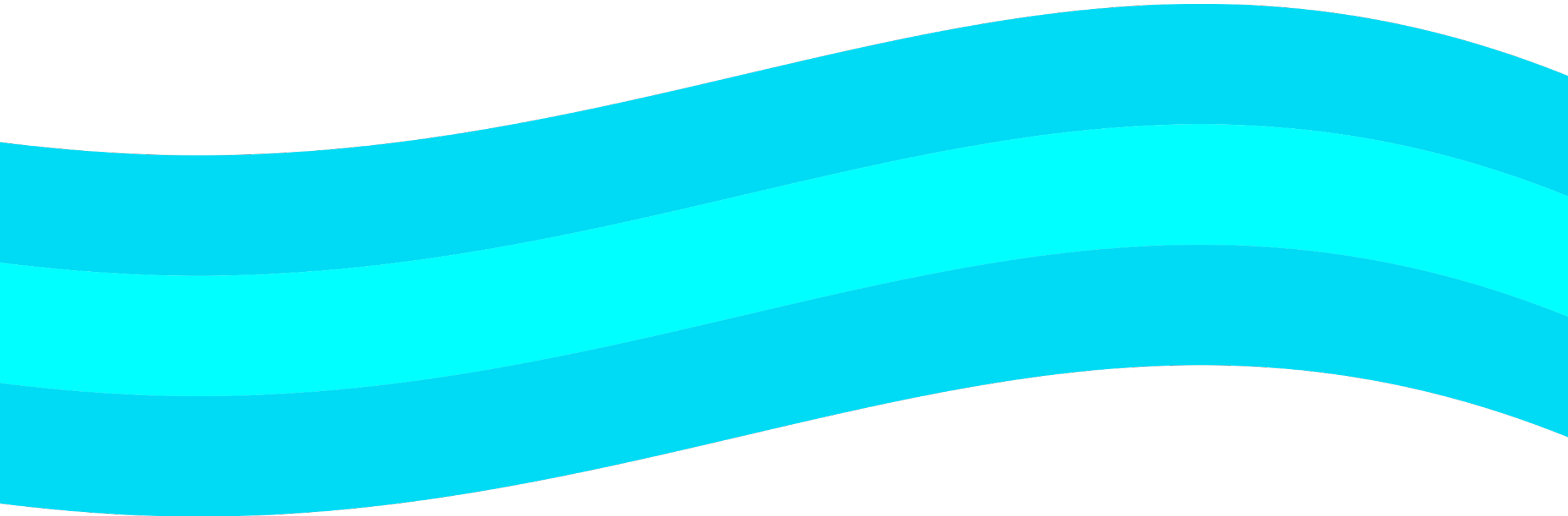


Wastewater Reuse

Wastewater Reuse Project Overview



- CCW continues to coordinate and work with Valero and FHR on the effluent project
- CCW continues to negotiate with additional entities to ensure project alignment, alongside ongoing work with Valero and FHR
- FHR expects Phase One at 1 MGD and Phase Two at 2-3 MGD
- Valero expects Phase One at 3 MGD and Phase Two at 8 MGD
- Ardurra has completed preliminary design of Oso upgrades and 15 miles of 36" conveyance line, with full design expected to be complete in July
- The RFQ for CMAR was issued April 6, and the Construction Contract expected to come to Council for consideration in May
- Potential for 16 MGD of Effluent Reuse



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