

## **Overview**

Given the potential for the Choke Canyon and Lake Corpus Christi reservoirs to be fully depleted under the worst-case forecasts in early summer, the City of Corpus Christi must replace 50 MGD of water with alternative water supplies. This assumes there is no cut to the water under the LNRA Drought Contingency Plan. If the LNRA enacts the projected April 20, 2026, reduction of 10% then the gap in water supply increases by approximately 4 MGD, with the potential for another 10% (total of 20% reduction) this summer. The following groundwater projects will bring an additional 40 MGD this year which will limit use of the western reservoirs and provide an opportunity for their recovery.

### **1. Nueces County Eastern Well Field – Designed for 10 MGD**

The City of Corpus Christi has a well field adjacent to the Nueces River that can produce 10 MGD of groundwater into the Nueces River under the Bed and Banks permit. Currently, the well field has only been able to produce an average of 4 MGD under the current permit conditions.

**The City has applied to TCEQ for an Emergency Order to allow us to produce an additional 6 MGD.** The amount of arsenic coming from the reservoirs is increasing as the water is depleted. Increased water volume from the Eastern Well Field, while higher in TDS, will dilute the arsenic in the system.

### **2. Nueces County Western Wellfield – Designed for 17 MGD**

The City of Corpus Christi is actively drilling and building wells in the Western Well Field. Currently, four wells are ready for operation at the Western Well Field.

**The Texas Commission on Environmental Quality (TCEQ) Bed and Banks Permit application for the Western Well Field was submitted on January 30.** TCEQ has declared that the permit is administratively complete. The next step is for TCEQ to issue a draft permit for review. City staff will apply for a special condition that allows the city to bypass the monitoring plan in the event of reservoirs being below 10% combined capacity.

### **3. Ed Rachel Foundation – Designed for 9 MGD**

The City of Corpus Christi is in the process of closing on the purchase of the water rights for the ERF property. It is estimated that this property can bring on at least 6 MGD in short order, and that capacity can be combined with the Western Well Field. **In the near term, this water can be transported through the capacity of the proposed**

**Western Well Field Bed and Banks permit.** Approval of the Western Well Field permit assists in the delivery of this project.

**4. Evangeline Well Field – 4 MGD by November (Assumes No Contested Case Hearing on GCD permits)**

The Evangeline project will deliver water starting in November 2026 if there is no contested case hearing process for the drilling and export permits. However, the City of Corpus Christi has begun the design process and early work packages to deliver this project. A preliminary hearing for the GCD, by an administrative law judge, for the standing of the protesters is expected to take place in March.

2026 Project Delivery of Additional Water (MGD)														
Source	Project	J	F	M	A	M	J	J	A	S	O	N	D	Total
Groundwater	WWF River Delivery					17								17
Groundwater	Evangeline											4	1	5
Groundwater	WWF Extension (ERF Property)					2	2	2	2	1				9
Reuse	FHR												1	1
<b>Total</b>														<b>32</b>

2027 Project Delivery of Additional Water (MGD)														
Source	Project	J	F	M	A	M	J	J	A	S	O	N	D	Total
Groundwater	Evangeline	2	1	1	2	1	1	2	1	1	2	1	1	16
Reuse	FHR												1	1
Reuse	Valero												3	3
<b>Total</b>														<b>20</b>

2028 Project Delivery of Additional Water (MGD)														
Source	Project	J	F	M	A	M	J	J	A	S	O	N	D	Total
Groundwater	Evangeline	2	1											3
Reuse	Valero	5												5
<b>Total</b>														<b>8</b>

Notes:

- 1) Western Well Field (WWF)
- 2) The projected delivery for each of our new water supply sources will be updated weekly as various factors influence the completion and partial completion of each project.
- 3) Western Well Field Production is dependent upon approval of the TCEQ Bed and Banks Permit
- 4) Evangeline Production estimates will be updated once we are more certain of the timeline for the next steps of the permitting timeline.
- 5) Well Production is dependent upon results from pumping and aquifer testing
- 6) Reuse is an offset of the potable water demand