

**CITY OF CORPUS CHRISTI
CORPUS CHRISTI WATER**

TO: Peter Zaroni, City Manager
FROM: Drew Molly, P.E., Chief Operating Officer
COPY: Mayor & City Council
DATE: April 18, 2025
SUBJECT: Nueces River Ground Water Well Program

 4/18/25

The Nueces River Ground Water Well Program continues to be a priority for Corpus Christi Water (CCW). Significant progress has been made since the emergency authorization was signed by the City Manager on January 27, 2025.

The progress to date includes the following:

- Site cleanup and preparation of the existing City-owned properties
- Security fence installation
- Drilling development, test pumping and permanent pump installation for Well No. 1
- Drilling, development and test pumping for Well No. 2
- Drilling and development for Well No. 3
- Installation of 13,100 feet of four-inch polyethylene pipe by Corpus Christi Gas with assistance from CCW to fuel generators that will electrify the well pumps
- Installation of 500 feet of twenty-four inch PVC water line
- Construction of discharge outfalls at Well No. 1 site and the well field site for wells 2 through 5
- Ongoing development and evaluation of a groundwater model
- As approved by City Council on April 15 purchasing an additional 4.63 acres adjacent to the existing well field

The upcoming work expected to occur through May 2, 2025, will consist of the following:

- Water quality testing of Well No. 3
- Rig mobilization and begin drilling Well No. 4
- Rig mobilization and begin drilling Well No. 5
- Installation of an additional 600 feet of four-inch polyethylene pipe by Corpus Christi Gas to support power generators for well pumps
- Completion of the larger well field discharge outfall by CCW
- Installation of the natural gas generator and electrical controls at Well No. 1
- Review groundwater well and river sampling protocol with TCEQ on April 23 to confirm requirements as necessary to obtain the temporary bed and banks permit

Additional information can be provided by the CCW as requested.