N3-26-003P Permit Hearing

JSWSC

Item #9a

NOTICE OF PERMIT HEARING OF THE CLEARWATER UNDERGROUND WATER CONSERVATION DISTRICT

Notice is hereby given that the Board of Directors for the Clearwater Underground Water Conservation District will conduct a hearing on two Applications for Permit as described below at 10:00 a.m. on Wednesday, November 11, 2026, Clearwater UWCD Board Room located at 640 Kennedy Court, Belton, Texas, in compliance with the Texas Open Meetings Act.

The hearing will be conducted on the following application:

Applicant's File Number/Name	Permit Applicant/Holder and Landowner	Location of Well/Wells	Proposed Annual Groundwater Withdrawal Amount & Purpose of Use
Operating Permit Amendment Hearing related to: **N2-15-004P & N2-15-005P**	Mike & Lacey Guthrie 2706 Marie Lane Salado, TX 76571 (512) 796-4737	The existing wells are completed to the Edwards BFZ Aquifer and equipped with a 1 ¼ -inch column pipe. The wells are located in the Edwards BFZ Management Zone on contiguous tracts totaling 11.34 acres located at 2706 Marie Lane, Salado, TX 76571. N2-15-004P Latitude 30.956849° Longitude -97.500971° N2-15-005P Latitude 30.957173° Longitude -97.500827°	This proposed amendment will authorize two existing wells to be aggregated into a single permit, not to exceed 1.2 acre-feet per year or 391,021 gallons per year, for domestic use, at a maximum pumping rate of 7 gallons per minute. This amendment will not authorize any additional production.
Drilling Permit Hearing related to: **N3-26-003P**	Jarrell Schwertner Water Supply Corporation c/o Dr. Neil Deeds 9600 Great Hills Trail Suite 300W Austin, TX 78759 (512) 506-1230	The proposed well will be completed in the Lower Trinity Aquifer (Hosston) and equipped with a maximum 8-inch column pipe. The well will be located in the Eastern Management Zone on contiguous tracts of land (PID:399357, 333720, 333721, 399355, 333722, 55319, 55318) totaling 4.7 acres, in the northern portion of JSWSC's service area at Hackberry Road and FM 2115, Salado TX 76571. Latitude 30.883351° Longitude -97.557116°	The proposed well will produce groundwater for a TCEQ-approved public water supply system, CCN #10002, to provide public water to customers exclusively in Bell County. This drilling permit will not authorize any production of groundwater other than what is necessary for the prescribed aquifer pumping test. This application for a drilling permit only contemplates a future application for an operating permit. The proposed annual quantity is not to exceed 400 acre-feet per year or 130,340,400 gallons per year, at a maximum withdrawal rate of 600 gallons per minute.

The Application for Permit, if granted, would authorize the permit holder to operate wells within the Clearwater Underground Water Conservation District according to the terms and conditions set forth in the permit. A person wishing to submit a Contested Case Hearing Request under District Rule 6.10.15(d) who is unable to appear at the hearing on the date and time set forth above must file a motion for continuance with CUWCD demonstrating good cause for the inability to not appear.

For additional information about this application or the permitting process, or to request information on the legal requirements on what MUST be included for a Contested Case Hearing Request to be valid, please contact CUWCD at 700 Kennedy Court, Belton, Texas, 76513, 254-933-0120.

ISSUED this **30th** day of **October 2026** in Belton, Texas, on the recommendation of the General Manager.

I, the undersigned authority, do hereby certify that the above NOTICE OF PERMIT HEARING of the Board of Directors of the Clearwater Underground Water Conservation District is a true and correct copy of said Notice. I have posted a true and correct copy of said Notice at the District office located in Belton, Texas, and said Notice was posted on **October 30, 2026,** and remained posted continuously for at least 10 (ten) days immediately preceding the day of said hearing; a true and correct copy of said Notice was furnished to the Bell County Clerk, in which the above-named political subdivision is located.

Dated **10/30/2026**

Clearwater Underground Water Conservation District

By: J Whitney Ingram
Whitney Ingram, General Manager

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CUWCD
Executive Summary

Executive Summary

Application for Operating Permit Amendment
N3-26-003P

Applicant/Owner: Jarrell Schwertner Water Supply Corporation
c/o Neil Deeds, Principal Water Resources Engineer, INTERA Inc.
on behalf of Joe Simmons, General Manager
2393 CR 311
Jarrell, TX 76537 Phone: (512) 746-2114

Location of Wells:

Location description: From the intersection of Northbound IH-35 Service Road & Hackberry Rd, go south on Hackberry Road for 0.3 miles, then continue East on Hackberry Rd for 0.7 miles. Turn right and head south on the plant site driveway for 0.23 miles.

Latitude 30.883351º/Longitude -97.557116º

Management Zone: Eastern Management Zone

Proposed Annual Withdrawal: **Proposed Production:** 400 acre-feet/year or 130,340,400 gallons/year **Maximum Rate:** 600-gpm **Column Pipe**: maximum 8-inch **Horsepower Rating:** 150-HP	**Proposed Beneficial Use:** Public Supply Certificate of Convenience and Necessity (CCN) #10002	**Source Aquifer:** Lower Trinity Aquifer (Hosston Layer)	**Nearest Registered & Existing Wells:** **<u>Well #N3-26-003P</u>** has **6** wells within ½ mile. **1**-Buda **5**-Edwards BFZ

General Information

Neil Deeds, INTERA, on behalf of Joe Simmons, Jarrell Schwertner Water Supply Corporation (JSWSC), has submitted an application, to Clearwater Underground Water Conservation District (CUWCD) on October 15, 2026, for a drilling permit to complete a new well (N3-26-003P) for a proposed future operating permit of 400 acre-feet/year or 130,340,400 gallons/year on contiguous tracts of land (PID:399357, 333720, 333721, 399355, 333722, 55319, 55318) totaling 4.7 acres located in the northern portion of JSWSC's service area at Hackberry Road and FM 2115, Salado TX 76571, Latitude 30.883351º/Longitude -97.557116º.

If approved, this permit will only authorize the drilling and completion of the well in the Lower Trinity Aquifer (Hosston Layer) in the Eastern Management Zone with a maximum 8-inch column pipe and an estimated withdrawal rate of 600 gallons/minute. The proposed well will produce groundwater for a TCEQ-approved public water supply system, Certificate of Convenience and Necessity (CCN) #10002, to provide public water to customers in the JSWSC north service corridor, exclusively in Bell County. Upon completion of the well, a formal hydrogeologic report must be submitted to CUWCD to support a future operating permit. This drilling permit will not authorize any production of groundwater other than what is necessary for the prescribed aquifer pumping test.

The proposed well is required to be metered and report monthly production. To ensure compliance and conservation, special provisions may be discussed with the Board should the permit be approved. The permit will be renewed annually by staff, unless the applicant's designated use changes, if the applicant fails to report monthly use, or if the condition of the well deteriorates and aquifer conditions change.

Joe Simmons, JSWCS General Manager, has informed the District that the proposed well project is seeking funding assistance through the Texas Water Development Board, Texas Water Supply Corporation Grants (TWSCG). The grant provides up to $50 million statewide for one-time funding for eligible nonprofit Water Supply Corporations (WSCs). Up to $5 million will be awarded per project. The grant application due date is January 13, 2027, administered through the Rural Water Assistance Fund (RWAF) and Water Loss Assistance Fund (WLAF) via the Texas Water Fund. Eligible projects include water system needs, infrastructure investment, and reliable water service. Construction-only requests must have major pre-construction work completed. Projects for funding should be ready to proceed with environmental coordination, designs, rights, and required permits complete. This program will review the Water Use Survey, Water Loss Audit, and Water Conservation Plan submitted by JSWSC as well as the project's consistency with the 2027 State Water Plan and applicable 2026 Regional Water Plans.

Funding agreements for this grant would not be executed until Winter of 2027. Drilling permits from the District expire on December 31 of the following calendar year. If granted, the proposed drilling permit would need to be administratively reviewed and renewed prior to the start of the project due to the timeline for funding. At renewal, the District would reaffirm all details provided in the application remain unchanged as well as any special provisions approved by the Board of Directors.

Per Rules 6.9 and 6.10

In deciding whether or not to issue a permit, the Board must consider the following in accordance with Section 36.113(d) of the Texas Water Code:

1) **Does the application contain all the information requested, is the application accurate? Does it meet spacing and production limitations identified by District Rules, and does it conform to all application requirements which include public notification and accompanied by the prescribed fees? (TWC 36.116(a)(1), TWC 36.113(d), Rule 6.9.1(a)(b)(1)(2), Rule 6.9.2(a)-(f), Rule 6.10.24(a)-(h), and Rule 9.5.1-2)**

The application has been deemed administratively complete and the requested information necessary to proceed is as follows:

- The proposed well is located on a 0.998-acre tract, Bell CAD PID 399357. JSWSC owns 7 contiguous tracts of land (PID: 399357, 333720, 333721, 399355, 333722, 55319, 55318) totaling 4.7 acres. Based on this column pipe size, a minimum size tract of 40-acres is required, with a 5,280-foot spacing requirement from other wells associated with District Rule 9.5.2 for the Eastern Management Zone. The tract does not meet the minimum requirement, but a retail Public Water Utility's non-exempt new well is exempt from tract size requirements if the well is located within the prescribed boundaries of the utility's retail water service area that is certificated by the Public Utility Commission of Texas by the issuance of a Certificate of Convenience and Necessity.
- The application fee of $4,225.00 for the Drilling Permit was received on October 22, 2026.
- The applicant and their representative have conducted all notification requirements in a proper manner per District Rules.

2) Is the proposed use of water dedicated to a beneficial use? (TWC 36.113(d)(3), District Rule 6.10.24(d), and District Rule 9.5.2 authority to serve as an industrial well per TCEQ requirements)

The proposed well will produce groundwater for a TCEQ-approved public water supply system, Certificate of Convenience and Necessity (CCN) #10002, to provide public water to customers in the JSWSC north service corridor, exclusively in Bell County. This use is deemed a beneficial use.

3) Has the Applicant demonstrated under District Rule 5.2 the amount of groundwater requested to be produced under the proposed permit is necessary for the beneficial use identified in the application?

The applicants' consultants, KPA Engineers, have submitted a *Demonstration of Need for the Lower Trinity Well at Prairie Dell Plant* (attached to the application).

3) Has the applicant agreed to avoid waste and achieve water conservation? (TWC 36.113(d)(6) and Rule 6.10.24(f))

JSWCS maintains a Water Conversation Plan, a Drought Contingency Plan, and regularly performs water loss audits.

The applicant *should testify* they will comply with the District's Management Plan and District Rules.

4) Has the applicant agreed that reasonable diligence will be used to protect groundwater quality and that the applicant will follow well plugging guidelines at the time of well closure? (TWC 36.113(d)(7) and Rule 6.10.24(g)) and Rule 9.3.

The well should be completed in a manner that protects and prevents comingling of the overlying formations of the Hosston. The applicant *should testify* that if the well deteriorates over time or becomes damaged in such a way that the well is inoperable, state law and district rules require such a well to be plugged before a replacement well is approved per District Rule 8.1.2.

5) Will the proposed operating permit comply with the spacing and production limitations identified in District rules? (TWC 36.116(a)(1-2), TWC 36.116(c)&(d) and Rule 6.10.24(b), Rule 7.1 and Rule 9.5.2)

The proposed well is located in the Eastern Management Zone described in District Rule 7.1 and will have a maximum column pipe size not to exceed 8-inches as declared in the application. Based on this column pipe size, a minimum size tract of 40-acres is required, with a 5,280-foot spacing requirement from other wells. The tract does not meet the minimum requirement, but a retail Public Water Utility's non-exempt new well is exempted from tract size requirements if the well is located within the prescribed boundaries of the utility's retail water service area that is certificated by the Public Utility Commission of Texas by the issuance of a Certificate of Convenience and Necessity.
Per District Rule 9.5 Spacing Requirements, the well must be located 75-feet from the property line which is met by the proposed location of the well. However, Texas Commission of Environmental Quality (TCEQ) approval will require a 150-foot sanitary control easement.

TCEQ has a 2-step process for Public Water Supply (PWS) wells. The first step is the approval to construct which focuses on how the well is proposed to be built along potential pollution sources for the well. Step 2 of the process provides the approval to use the well as a PWS source. The District should ensure that TCEQ standards for a Public Water Supply are met prior to granting an operating permit.

The District's rules require a production limit based on acre-feet/year and described gallons/year. If the proposed future operating permits cause an unacceptable level of decline in the water quality of the aquifer and/or artesian pressure, then the board may require production at levels necessary to reduce said depletion or degradation of the aquifer. In addition, the Board may reduce production necessary to prevent waste and achieve water conservation, minimize as far as practicable the drawdown of the water table or the reduction of artesian pressure, lessen interference between wells, or control and prevent subsidence.

The applicant understands that the District will deliberate on the application for groundwater production and deliberations will be based on the elements of the Permit Application.

More specifically these issues are considered in Items 6 & 7 below and with staff recommendations to address potential concerns of adjacent property owners and well owners within the potential radius of influence from future production.

6) Will the proposed use of water unreasonably affect existing groundwater and surface water resources or existing permit holders (per TWC 36.113(d)(2))?

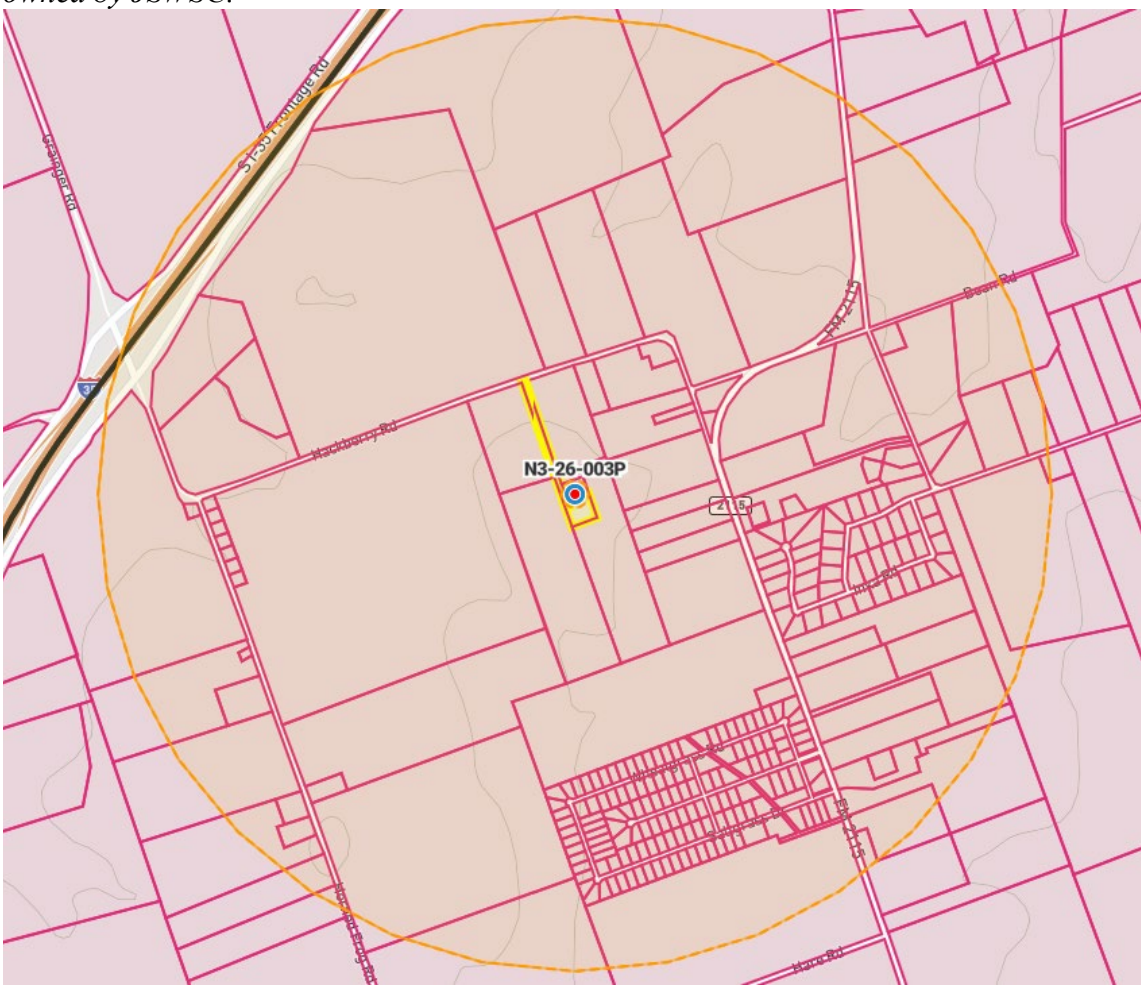
Based on available information, there are 6 registered wells within ½ mile of well N3-26-003P:

1-Buda
5-Edwards BFZ

Figure 1 illustrates the well location with 6 registered wells within a ½-mile radius.



Figure 2 illustrates the proposed well location with no Lower Trinity wells within 5,280 feet and the 150-foot radius of the sanitary control easement within the contiguous parcels owned by JSWSC.



Mike Keester, KT Groundwater, has reviewed the application, determined the anticipated drawdown, and provided the attached report. The conclusions and recommendations state the following:

"Available data indicates more than 900 feet of water above the top of the aquifer at the proposed JSWSC well site. Based on our current understanding of the local Lower Trinity Aquifer, we expect a relatively small reduction in this artesian pressure due to potential production from the proposed well. While we expect long-term additional drawdown from the proposed pumping to be about 30 feet, water-level monitoring at the completed well will aid in assessing the long-term effects of cumulative groundwater production in the area and in informing local users of the groundwater availability."

Additionally, the District, to the extent possible, must issue permits up to the point the total volume of exempt and permitted groundwater production will achieve the applicable Desired Future Condition (DFC) per TWC 36.1132(a)(b) and Rule 6.10.25(a)(b)(c)(d)(e).

7) Is the proposed use of groundwater consistent with the District's Groundwater Water Management Plan related to the approved DFC and the defined available groundwater for permitting?

To manage groundwater in the District, CUWCD subdivides the water-bearing geologic units into the three Trinity Aquifer subdivisions as follows: the Upper Trinity (Glen Rose Limestone and Paluxy Sand); the Middle Trinity (Hensell Sand); and the Lower Trinity (Hosston Conglomerate) aquifers. The desired future conditions (DFC) for the water-bearing units describe the amount of water-level draw down which may occur after 71 years when the draw down is averaged across the area of occurrence of the water bearing unit in the District. The total of modeled available groundwater (MAG) values for the Trinity Aquifer in Bell County, as given in GAM Run 21-013 MAG for decades from 2020 through 2080 is 9,275 acre-feet per year which is based on the amounts of groundwater that could be pumped while maintaining the desired future conditions in each water-bearing geologic unit.

The District's Management Plan reflects a groundwater availability figure in the Lower Trinity (Hosston Layer) of 7,900 acre-feet/year of Modeled Available Groundwater. This figure minus a reserve of 369 acre-feet/year for exempt well use leaves 7,531 acre-feet/year of Managed Available Groundwater for permitting. As of 2026, the District estimates exempt well use for the Lower Trinity is 64 acre-feet/year.

The District's Aquifer Status Report illustrates that exempt well use estimation, historic and existing use permits, and current operation permits for the Lower Trinity total 4,540.23 acre-feet/year. Currently, the District has pending permits in the Lower Trinity for the City of Temple (237 AF/yr) and JSWSC (577 AF/yr), therefore 2,176.77 acre-feet/year of the total MAG remains in the Lower Trintiy. *See attached Trinity Aquifer Status Report, October 2026.*

8) What are the Modeled Available Groundwater calculations determined by the Executive Administrator of the Texas Water Development Board?

Refer to #7 above. The modeled available groundwater will not be exceeded by granting this permit. *See attached Trinity Aquifer Status Report, October 2026.*

9) What has the Executive Administrator of the Texas Water Development Board's estimate of the current and projected amount of groundwater produced under the exemptions in District Rule 6.3?

Refer to #7 above. Reservation of modeled available groundwater for exempt well use will not be exceeded by granting this permit. The exempt well reserve for the Lower Trinity is 369 acre-feet/year compared to 64 acre-feet/year estimated to be used annually from the Lower Trinity. *See 2025 CUWCD Exempt Well Use Summary, January 13, 2026.*

10) What is the amount of groundwater authorized under permits previously issued by the District?

For the Lower Trinity, Historic & Existing Use permits total 1,181.40 acre-feet/year and Operating permits total 3,358.83 acre-feet/year for a combined permitted total of 4,540.23 acre-feet/year. (Modeled Available Groundwater – Reserved Exempt Well Use = Managed Available Groundwater) for the Lower Trinty Aquifer which is 7,531 acre-feet per year.

11) What is the reasonable estimate of the amount of groundwater that is produced annually under existing non-exempt permits issued by the District?

The total permitted amounts for non-exempt wells in the Lower Trinity Aquifer in 2025 was 4,540.61 acre-feet/year, and the actual production in 2025 was 1,763.70 acre-feet/year of the permitted amount. Figures are based upon monthly production reports submitted to Clearwater by the permit holders in 2025.

12) Yearly precipitation and production patterns.

Clearwater is currently in no drought management stage based on the PDI system (average running total annual rainfall). The PDI for the Trinity Aquifer in the District is currently at 39.27 inches of rain received in the last 365 days (as of October 23, 2026) calculated at 119.02% of annual expected rainfall of 33 inches. The District's permit holders in all of 2025 used 38.84% of the total permitted amounts in the Lower Trinity Aquifer.

Conclusions and Recommendations:

1) District GM recommends that the Board approve the drilling permit. Per Rule 6.7.1, Drilling permits are effective for a term ending 365 calendar days after the date the permit Application is approved by the Board, which may be extended by the General Manager with good cause shown. Per Rule 6.6, the applicant must file a completed operating permit application not later than 30-day after completion of the new well which shall include a well completion report.

2) District GM concurs with Keester that an enhanced well completion report will aid the Board's understanding of anticipated impacts over and above our current understanding of the system. Additional elements are:

    - To assess actual changes in water levels due to pumping from the proposed well and regional water level declines, the pump installer shall install a measuring tube alongside the column pipe to allow for measurement of the water level using an e-line or other direct measurement method.
    - The geophysical log should include, at a minimum: "triple combo" (natural gamma, resistivity, spontaneous potential, and porosity) and borehole deviation of the open borehole. In addition, we recommend CUWCD consider working with JSWSC to obtain an NMR log of the open borehole to inform aquifer hydraulic property characterization of the area. We also recommend the

applicant provide a copy of the logs in digital format (TIF and/or PDF) along with the log data in LAS format to CUWCD within 7 days following logging of the borehole.

- Lithologic samples should be collected at no more than 20-foot intervals.
- The pumping test should be consistent with Texas Commission on Environmental Quality requirements for public water supply wells. During testing we recommend CUWCD monitor water levels at well N2-10-001P at regular intervals. We also recommend the applicant provide a copy of the raw data collected during testing to CUWCD within 7 days following the end of the pumping period.
- The water quality analysis should be consistent with Texas Commission on Environmental Quality requirements for public water supply wells with the inclusion of Ca, Mg, Na, K, Cl, HCO3, SO4, SiO2, and total dissolved solids along with field measurements of pH and temperature at the time of sample collection. We also recommend the applicant provide a copy of the water quality analysis to CUWCD within 60 days following the end of the pumping test.

3) District GM recommends that the well be equipped with a meter for monthly recording of production in accordance with District Rules.

4) The District should require the well owner to participate in the Districts continuous water level and production recorder program with devices provided and maintained by the District Staff.

5) The District should ensure that TCEQ standards for a Public Water Supply are met prior to granting an operating permit. If not, the District should require the well to be plugged by the applicant.

Attachments are as follows:

KT Groundwater Technical Memorandum	10/30/2026
CUWCD Trinity Aquifer Status Report	October 2026
2025 CUWCD Exempt Well Use Summary	1/13/2026
Applications, Fees, and Notification Affidavits	See Attached
CUWCD Site Map	See Attached

Oct-26

Aquifer Status Report

Trinity Aquifer Status Report

Trinity Aquifer	DFC Analysis (2000-Present) Modeled Available Groundwater			Exempt Well Reservation		Historic & Existing Use Permit and Operating Permit Analysis				Applications		Permitted Production
	Adopted DFC	DFC Status Current Median Trend **09/15/26**	MAG AFY	Exempt Reserve by 2080 AFY	Exempt Use Estimation AFY	Reserve for Permits AFY	HEUP AFY	OP AFY	Permit Total AFY	Remaining MAG AFY	Pending Permits AFY	**2026** Year to Date **2025** Production
Glen Rose (Upper)	**-1.17 ft/yr** -83 ft/71 yrs	**-1.97** ft/yr	**275**	**140** 400 GMP	**212**	**0.00**	**61.90**	**72.73**	**134.63**	**-71.63**	**--**	**72.18** AFY **120.47** AFY
Hensell (Middle)	**-2.04 ft/yr** -145 ft/71 yrs	**-3.65** ft/yr	**1,100**	**548** 650 GMP	**566**	**450.00**	**259.30**	**217.21**	**476.51**	**57.49**	**0.23**	**60.99** AFY **46.01** AFY
Hosston (Lower)	**-5.28 ft/yr** -375 ft/71 yrs	**-4.55** ft/yr	**7,900**	**178** 369 GMP	**64**	**7,531.00**	**1,181.40**	**3,358.83**	**4,540.23**	**3,295.77**	**816.00**	**1,574.55** AFY **1,763.70** AFY
Totals			**9,275**	**866** 1,419 GMP	**842**	**--**	**1,502.60**	**3,648.77**	**5,151.37**	**3,281.63**	**816.23**	**1,707.72** AFY **1,930.18** AFY

Pending Applications:

Sherry Collins (N3-23-009P) 0.23 AF/yr; City of Temple (N3-23-004P) 239 AF/yr; Jarrell Schwertner WSC (N3-24-008P) 577 AF/yr

To manage groundwater in the District, CUWCD subdivides the water-bearing geologic units into the three Trinity Aquifer subdivisions as follows: the Upper Trinity (Glen Rose Limestone and Paluxy Sand); the Middle Trinity (Hensell Sand); and the Lower Trinity (Hosston Conglomerate) aquifers. The desired future conditions (DFC) for the water-bearing units describe the amount of water-level draw down which may occur after 71 years when the draw down is averaged across the area of occurrence of the water bearing unit in the District. The total of modeled available groundwater (MAG) values for the Trinity Aquifer in Bell County, as given in GAM Run 21-013 MAG for decades from 2020 through 2080 is 9,275 acre-feet per year which is based on the amounts of groundwater that could be pumped while maintaining the desired future conditions in each water-bearing geologic unit.

1/13/2026

CUWCD Exempt Well Use Summary

Aquifer	Total Active Registered Exempt Wells[3]	Registered Domestic Wells	Estimated Domestic Use Gallons/Day[1,2]	Estimated Domestic Use Ac-ft/Year[1,2]	Registered Stock Wells	Estimated Stock Use Gallons/Day[4]	Estimated Stock Use Ac-ft/Year[4]	Total Estimated Use Gallons/Day[7]	Total Estimated Exempt Well Use Ac-ft/Year[7]	MAG Reserved Exmpt Well Use
Glen Rose (Upper Trinity)	421	344	94,603	106	77	94,248	106	188,851	212	
Hensell (Middle Trinity)	1,030	970	432,120	484	60	73,440	82	505,560	566	
Hosston (Lower Trinity)	174	164	45,102	51	10	12,240	14	57,342	64	
Trinity (Total)[6]	**1,625**	**1,478**	**571,825**	**641**	**147**	**179,928**	**202**	**751,753**	**842**	**866**
Edwards BFZ	**854**	**728**	**200,207**	**224**	**126**	**154,224**	**173**	**354,431**	**397**	**825**
Edwards Equivalent	470	374	102,854	115	96	117,504	132	220,358	247	
Buda	28	15	4,125	5	13	15,912	18	20,037	22	
Lake Waco	8	3	825	1	5	6,120	7	6,945	8	
Austin Chalk	224	139	38,226	43	85	104,040	117	142,266	159	
Ozan	159	114	31,351	35	45	55,080	62	86,431	97	
Pecan Gap	66	44	12,100	14	22	26,928	30	39,028	44	
Kemp	15	11	3,025	3	4	4,896	5	7,921	9	
Alluvium	585	379	104,229	117	206	252,144	282	356,373	399	
Other[5]	**1,555**	**1,079**	**296,736**	**332**	**476**	**582,624**	**653**	**879,360**	**985**	
CUWCD Total Active	**4,034**	**3,285**	**1,068,768**	**1,197**	**749**	**916,776**	**1,027**	**1,985,544**	**2,224**	

1. Domestic use estimate assumes 103 gallons/person per day (USGS estimate of domestic use outside of a municipal water system) and 2.67 persons/household (U.S. Census Bureau, December 31, 2025)

2. Benjamin G. Wherley, Ph.D. Associate Professor-Turfgrass Science & Ecology Dept. of Soil and Crop Sciences Texas A&M University estimate of 2,000ft^2 warm season turfgrass requires 38,855gal/yr/lawn or 106 gal/day/lawn; "Ranchette" Avg. lawn size is 13,042ft^2 , 6.5 X larger; 6.5 X 106 gal/day/lawn = 689gal/day/lawn; ~240 "Ranchette" Middle Trinity Wells; 689 X 240 = an additional 165,360 gal/day/lawn.

3. Exempt well use estimate factors out all plugged, capped, monitor and inactive wells in the database.

4. Source of stock water estimates is Texas Agrilife Extension at 18 gallons water per day per cow. Livestock water use estimates are based on the 2017 Census of Agriculture, USDA National Agricultural Statistics Service. 51,483 cows / 763 stock wells = 68 cows/stock well; 68 X 18 gpd = 1,224 gal/day/stock well.

5. The "Other" designation is the total of minor aquifer and alluvium source designation of the exempt wells.

6. Trinity Aquifer wells registered with unknown depth are assigned to the Middle Trinity per Board decision.

7. All estimates of groundwater use by exempt well owners is based on assumptions and scientific data, but by no means are they to be interpreted as recommended practices by CUWCD.

KT Groundwater Technical Memo

KT GROUNDWATER

Technical Memorandum

To: Ms. Whitney Ingram, General Manager
Clearwater Underground Water Conservation District

From: Michael R. Keester, P.G.

Date: October 29, 2026

Subject: Hydrogeologic Evaluation of the JSWSC Prairie Dell Lower Trinity Well Drilling Permit Application

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Proposed Well ID: *N3-26-003P* **Well Owner Name:** *Jarrell Schwertner WSC*

Tract Size: *0.998 Acres* **Column Pipe Size:** 8 *inches*

Aquifer: *Lower Trinity* **Management Zone:** *Eastern*

Proposed Annual Production: *400 Acre-Feet (130,340,400 gallons)*

Proposed Instantaneous Pumping Rate: *600 Gallons per Minute*

According to information provided by the applicant's consultants, the proposed well is intended to serve as a public water supply to help meet increasing needs in the Jarrell Schwertner WSC ("JSWSC") service area in southern Bell County. The proposed well is designed to produce at an instantaneous rate of 600 gallons per minute ("gpm") through an 8-inch column pipe. The applicant's engineer indicated an anticipated annual demand of 783 acre-feet by 2033 for 1,967 connections.

The projected demand equates to approximately 356 gallons per day per connection. According to the KPA Engineers' Demonstration of Need letter dated September 24, 2026, the Prairie Dell Plant produced approximately 390 acre-feet in 2025 for an average of 978 connections. The projected demand for 2033 is approximately 783 acre-feet per year for 1,967 connections. Three existing Edwards Aquifer wells serving the Prairie Dell Plant are permitted for a combined 454.2 acre-feet per year, leaving a projected shortfall of about 330 acre-feet per year. JSWSC is requesting

an additional 400 acre-feet per year from the proposed Lower Trinity well to address that projected need.

The identified source for the proposed use is the Lower Trinity Aquifer in the Eastern Management Zone. The application indicates the driller will screen the well from 1,300 to 1,500 feet below ground level with a total well depth of 1,500 feet. The CUWCD virtual bore indicates the Lower Trinity is about 1,350 feet below ground level and about 200 feet thick. Site specific conditions encountered while drilling will determine the final design of the well and completion interval. We recommend conducting geophysical logging of the open borehole (including, but not limited to: "triple combo" [natural gamma, resistivity, spontaneous potential, and porosity] and borehole deviation) for delineation of the subsurface geologic units. In addition, because of the limited aquifer hydraulic property data for the area, we recommend CUWCD consider working with JSWSC to obtain a nuclear magnetic resonance ("NMR") log of the open borehole.

Based on data from District monitoring well N2-10-001P located about 8.25 miles northeast of the proposed well and the CUWCD Aquifer Data Analysis Tool, the depth to water in the Lower Trinity is currently about 377 feet below ground level and is declining by about 4.43 feet per year. These data indicate water levels are currently more than 900 feet above the top of the aquifer with regional water level decline of about 45 feet per decade. The application anticipates completing the proposed well to the bottom of the Lower Trinity and setting the pump at approximately 700 feet below ground level, which provides for more than 300 feet of submergence. The proposed pump setting is likely an estimate that could be modified based on actual pumping conditions upon completion of the well. With the depth of the aquifer, the pump could easily be set at a depth which provides sufficient submergence for several years under current conditions.

Projected Effect on Existing Wells

The potential effects of the proposed production on local water levels in the aquifer are calculated using the Theis equation[1] which relates water level decline (that is, drawdown) to the pumping rate of a well and properties of the aquifer. While the equation does not account for aquifer conditions which may affect the calculation of long-term water level declines (for example: aquifer recharge, faulting, or changes in aquifer structure), it does provide a reliable and straightforward method for estimating relatively short-term drawdown in and near a well due to pumping. To assess the potential effects from the proposed production, we used values from the Coupled Clearwater Groundwater Management Model ("CGMM")[2] in the equation.

The Coupled CGMM indicates the Lower Trinity Aquifer transmissivity is about 11,500 gallons per day per foot ("gpd/ft") with a storage coefficient of 2.2×10^{-5} at the proposed wellsite. We used these values to assess the potential drawdown at the proposed well and at existing wells reportedly completed in the Lower Trinity located within three miles from the proposed well (Figure 1).

Table 1 presents the drawdown assessment for the proposed well and the nearby well completed in the same aquifer. For 1-Day Drawdown, we applied the proposed instantaneous pumping rate for a period of 24 hours. For 30-Day Drawdown, we assumed peak pumping during the summer of about 15 percent more than the average monthly amount (that is, the proposed annual production rate divided by 12, then multiplied by 1.15). For 1-Year Drawdown, we used the proposed annual production amount.

The predicted drawdown is based on our current understanding of the aquifer hydraulic properties and the anticipated production from the proposed well. The predicted drawdown values do not include the effects from other wells pumping near the proposed well. Predicted drawdown of less than one foot is considered negligible for analysis purposes due to inherent uncertainty in the aquifer hydraulic characteristics, modeling limitations, and limited effect the drawdown would have

---

[1] Theis, C.V., 1935, The Relation Between the Lowering of the Piezometric Surface and the Rate and Duration of Discharge of a Well Using Ground-Water Storage: American Geophysical Union Transactions, v. 16, p. 519-524.

[2] Webster, Philip; Pedrazas, Micaela; Keester, Michael, 2026, Developing a Coupled CGMM and NTGAM Simulation, Report prepared for the Clearwater Underground Water Conservation District, 46 p.

on existing groundwater users. As noted previously, water levels are currently more than 900 feet above the top of the aquifer and the predicted drawdown shown in Table 1 is less than four percent of this artesian pressure.

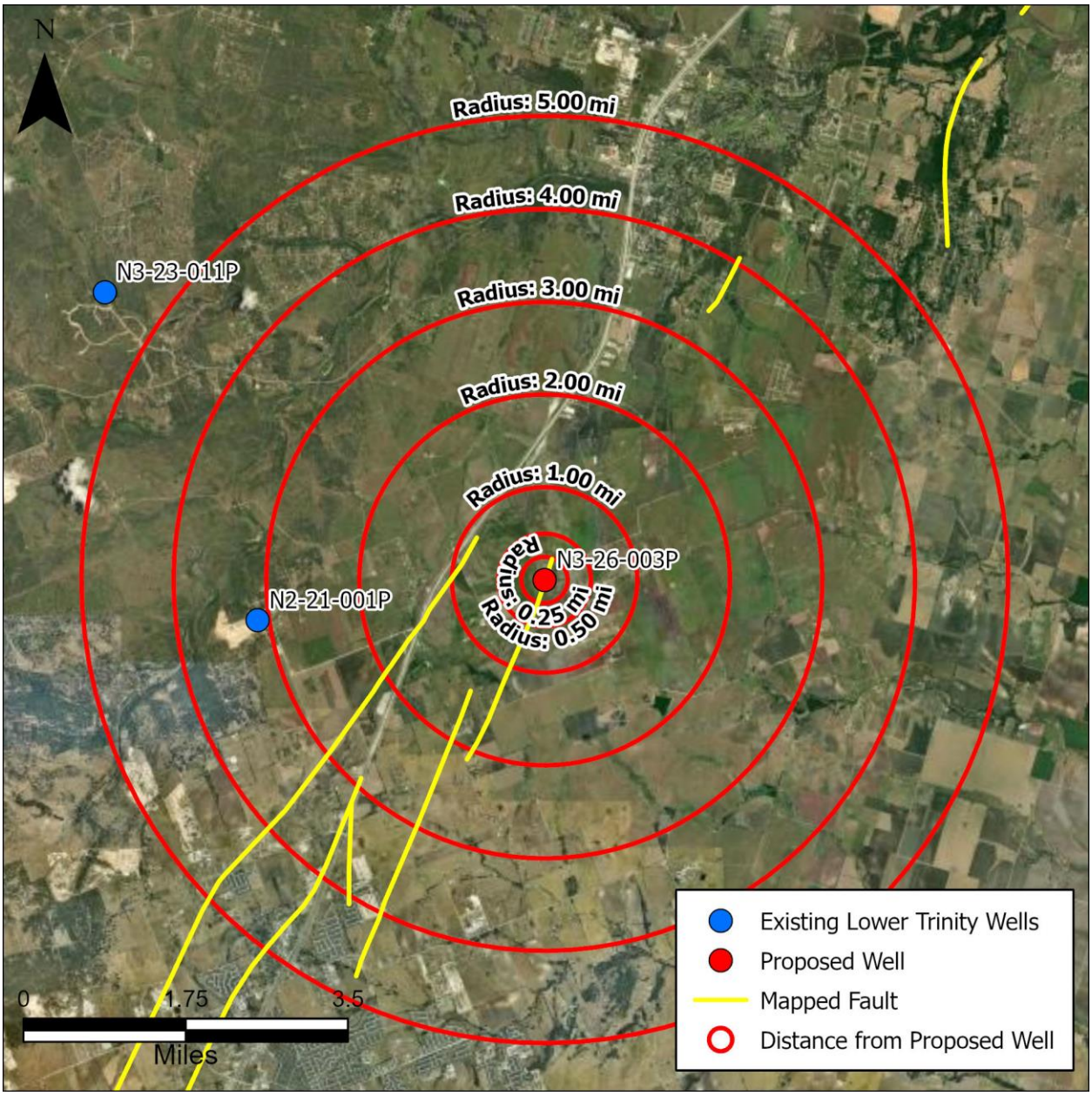


Figure 1. Proposed well and nearest existing wells reportedly completed in the Lower Trinity Aquifer.

Table 1. **Calculated drawdown at the proposed well and nearby wells reportedly completed in the Lower Trinity Aquifer based on an annual production rate of 400 acre-feet from the proposed well and instantaneous production of 600 gallons per minute.**

CUWCD / Well ID	Distance from Proposed Well (feet)	1-Day Drawdown (feet)	30-Day Drawdown (feet)	1-Year Drawdown (feet)
N3-24-003P (Proposed)	—	111	63	60
N2-21-001P	16,495	1	8	13
N3-23-011P	29,923	*Negligible*	5	10

To assess the potential long-term effects of the proposed production, we also conducted a simulation of the anticipated operating permit using the Coupled CGMM. The advantage of using a numerical model is being able to consider aquifer stresses, like other wells, recharge, and cross-formational flow along with factors that may affect groundwater flow such as faulting, structure, and hydraulic properties. We conducted the simulation by adding the proposed JSWSC production to the pumping file representing the CUWCD adopted desired future conditions. We then compared the difference in water levels for the simulation with the JSWSC potential pumping versus without the JSWSC potential pumping. As shown on Figure 2, the Coupled CGMM predicts about 30 feet of additional water level decline due to the potential pumping.

As part of the public water supply well approval by the Texas Commission on Environmental Quality, the applicant will conduct a 36-hour pumping test and collect water samples for lab analysis. The results of the aquifer test and sampling, along with the other requirements of a well completion report, will be beneficial in analyzing potential effects of production associated with the anticipated future operating permit application.

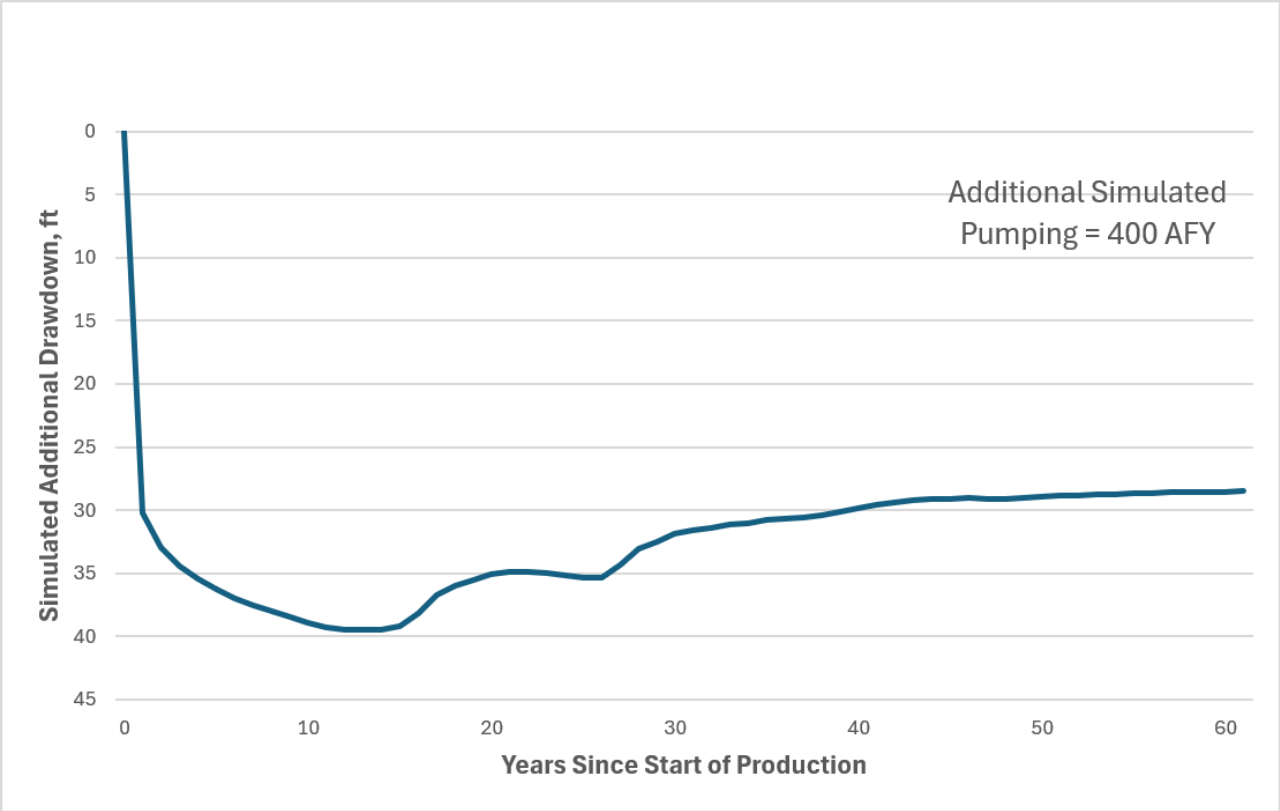


Figure 2. **CGMM simulated additional drawdown associated with pumping 400 acre-feet per year from the Lower Trinity Aquifer at the JSWSC proposed well site.**

Conclusions and Recommendations

Available data indicates more than 900 feet of water above the top of the aquifer at the proposed JSWSC well site. Based on our current understanding of the local Lower Trinity Aquifer, we expect a relatively small reduction in this artesian pressure due to potential production from the proposed well. While we expect long-term additional drawdown from the proposed pumping to be about 30 feet, water-level monitoring at the completed well will aid in assessing the long-term effects of cumulative groundwater production in the area and in informing local users of the groundwater availability.

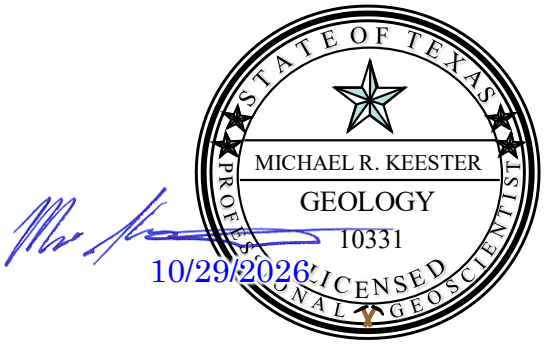
To aid the Board's future permit considerations and understanding of the local aquifer, possible conditions associated with the drilling permit may include the following items or specifications for the well completion report to be submitted with the operating permit application:

- To assess actual changes in water levels due to pumping from the proposed well and regional water level declines, the pump installer shall install a measuring tube alongside the column pipe to allow for measurement of the water level using an e-line or other direct measurement method.
- The geophysical log should include, at a minimum: "triple combo" (natural gamma, resistivity, spontaneous potential, and porosity) and borehole deviation of the open borehole. In addition, we recommend CUWCD consider working with JSWSC to obtain an NMR log of the open borehole to inform aquifer hydraulic property characterization of the area. We also recommend the applicant provide a copy of the logs in digital format (TIF and/or PDF) along with the log data in LAS format to CUWCD within 7 days following logging of the borehole.
- Lithologic samples should be collected at no more than 20-foot intervals.
- The pumping test should be consistent with Texas Commission on Environmental Quality requirements for public water supply wells. During testing we recommend CUWCD monitor water levels at well N2-10-001P at regular intervals. We also recommend the applicant provide a copy of the raw data collected during testing to CUWCD within 7 days following the end of the pumping period.
- The water quality analysis should be consistent with Texas Commission on Environmental Quality requirements for public water supply wells with the

inclusion of Ca, Mg, Na, K, Cl, HCO_3, SO_4, SiO_2, and total dissolved solids along with field measurements of pH and temperature at the time of sample collection. We also recommend the applicant provide a copy of the water quality analysis to CUWCD within 60 days following the end of the pumping test.

Geoscientist Seal

The signature and seal appearing on this document were authorized by Michael R. Keester on October 29, 2026.



Application

Clearwater Underground Water Conservation District
Every drop counts!

Application for Non-Exempt Well (N3)

Answer the following:

☐	Combination Permit	☑	Is this application for a new well?
☑	Drilling Permit	☐	Is this application for a replacement well?
☐	Operating Permit	☐	Do you plan to export water outside of the District?
☐	Permit Amendment	☐	Are you modifying a drilling permit?
☐	Exploration Permit	☐	Are you modifying an operating permit?

Section 1: Well Owner Information

Well Owner: Jarrell Schwertner Water Supply Corporation

Email: gm@jswatersupply.com | Phone: 512-746-2114

Address: (Street/P.O. Box, City, State, ZIP) 2393 County Rd 311, Jarrell, TX 76537

Contact Person: (if other than owner) Joe Simmons | Phone: 512-746-2114

If well ownership has changed, name the previous owner: | State Well #:

Section 2: Property Location & Proposed Well Location

Owner of Property: (if different from Well Owner)

Address of well location: From the intersection of Northbound IH-35 Service Road & Hackberry Rd, go south on Hackbe

Acreage: 0.998 | Bell CAD Property ID: 399357 | Latitude: 30.883351° N | Longitude: 97.557116°

Contact Person: (if other than owner) IDs:333720,333721,399355,333722,55319,55318 | Phone:

Section 3: Well Use & Description (Attach State of Texas Well Report, if available)

Proposed use of well and estimated amount of water, in acre-feet, to be used for each purpose:

☐ Domestic
Total number of houses to be served by the well _____

☑ Public Supply

☐ Livestock/Poultry

☐ Agricultural/Irrigation

☐ Industrial

☐ Exploration Permit *per Rule 6.1.2*

Applicants are required to give notice to TCEQ to obtain or modify a Certificate of Convenience and Necessity to provide water or wastewater service with water obtained pursuant to the requested permit.

Estimated distance, in feet, from the nearest:

150	N / S Property Line	500+	Existing Septic Leach Field	N/A	Other Source of Contamination (cemetery, pesticide mixing/loading, petroleum storage tank, etc.)
150	E / W Property Line	500+	River, Stream, or Lake		
181	Existing Water Well	500+	Livestock Enclosure		

Is the Property subject to flooding? No

Is there another well on the property? No | If YES, how many wells?

Is the well part of a multi-well aggregate system? No | If YES, list the State or District Well Numbers:

REQUIRED BY LAW: Pump Installer / Well Driller Information

Name: McKinley | Street Address: 313 US Hwy 90 East

TDLR Pump Installer License #: | City, State, ZIP: Hondo, TX 78861

TDLR Well Driller License #: 58731 (Edwin Hatcher) | Phone: 210-288-1758

Email: ehatcher@peerlessequipment.com

Name of Consultant preparing Application: (if applicable) Neil Deeds

Phone: 512-506-1230 | Email: ndeeds@intera.com

Section 3 Continued (Provide the following information to the extent known at the time of application)

Well Depth: (ft) 1,500	Column Pipe ID: (in) >6-8
Borehole Diameter: (in) 20 from 0 to 1500	Diameter (2): (in) from to
Casing Material: Steel	Inside Diameter: (in) 12
Screen Type: Stainless	Screen Diameter: (in) 8 from 1300 to 1500
# of Packers: 13	Power: Electric
Pump Type: Submersible	Horsepower Rating: 150
Pump Depth: 700	Estimated Rate of Withdrawal: (gpm) 600
Date Completed: N/A	
Proposed Water Bearing Formation: Lower Trinity	Management Zone: Eastern

Section 4: Operating Permit

Number of contiguous acres owned or leased on which water is to be produced: (acres) 4.7 (50,000+ acres in service area)
Total annual production requested with this operating permit: (acre-feet) 400
If exporting water, what is the annual volume requested for export out of the District: (gallons) 0
What is the annual volume requested for export as a % of total pumpage: (%) 0
If modifying an operating permit, what is the current, permitted annual production: (acre-feet) N/A
What is the requested amount of annual production: (acre-feet) N/A

Section 5: Attachments

- [x] Include a statement/documentation explaining your requested production.
- [ ] If amending an existing permit, explain the requested amendment and the reason for the amendment in a signed and dated letter, attached to this application.
- [ ] If requesting an operating permit or permit renewals for multiple wells, please attach a separate sheet with the information requested in Section 5 for each well.
- [ ] If applicant plans to export water outside the District, address the following in an attachment and provide documents relevant to these issues:
  - The availability of water in the District and in the proposed receiving area during the period requested
  - The projected effect of the proposed export on aquifer conditions, depletion, subsidence, or effects on existing permit holders or other groundwater users within the District
  - How the proposed export is consistent with the approved regional water plan and certified District Management Plan

For more attachments that may be needed, please see the Full Summary of the Permit Application Process document.

Section 6: Certification

I hereby certify that the information contained herein is true and correct to the best of my knowledge and belief. I certify to abide by the terms of the District Rules, the District Management Plan, and orders of the Board of Directors. I agree to comply with all District well plugging and capping guidelines as stated in the District Rules.

Typed Name of the Owner or Designee: Neil Deeds

Signature: Neil Deeds Digitally signed by Neil Deeds Date: 2026.10.10 12:02:45 -05'00' Date: 10/12/26

Return completed form to: Clearwater UWCD, P.O. Box 1989, Belton, Texas 76513

254.933.0120 cuwcd.org 700 Kennedy Court Belton, Texas 76513

INTERA Incorporated
9600 Great Hills Trail, Suite 300W
Austin, Texas 78759 USA
512.425.2000

October 12, 2026

Ms. Whitney Ingram
General Manager
Clearwater Underground Water Conservation District
700 Kennedy Court
Belton, Texas 76513

Re: Application for Non-Exempt Well: Drilling Permit,
JSWSC Prairie Dell Lower Trinity Well

Dear Ms. Ingram,

Jarrell Schwertner WSC [JSWSC] is applying to Clearwater Underground Water Conservation District [District] for a drilling permit for a non-exempt Lower Trinity well at JSWSC's existing Prairie Dell Plant site. This well is to help supply JSWSC's growing needs for public supply in southern Bell County. INTERA has been retained by JSWSC, working with KPA Engineers [KPA], to help support this process, and provides this cover letter to partially meet the requirements of the application. The purpose is to discuss the proposed beneficial use of the groundwater, provide context with respect to District spacing and tract size requirements, and specifically define the need that motivates the application.

Beneficial Use. The proposed well is located at JSWSC's existing Prairie Dell Plant, in the northern portion of JSWSC's service area (Figure 1). Water from the well will serve customers in JSWSC's Prairie Dell Service Area, which includes only properties partially or wholly within Bell County. Public water supply is the proposed beneficial use of the water.

Well Spacing and Minimum Tract Size Requirements. The proposed well location is in the District's Lower Trinity Eastern management zone. The proposed column pipe diameter is 8 inches. The well is located within the prescribed boundaries of JSWSC's retail water service area that is certified by the Public Utilities Commission of Texas, so is exempted from the minimum tract size requirements.

Figure 2 shows the nearest existing Lower Trinity well, District well N2-21-001P, located approximately 16,265 feet west of the proposed well location. This distance exceeds the District-required spacing of 2,640 feet for a well with an 8-inch pump column, so no spacing waiver is needed for this application. The nearest existing well of any kind is an Edwards Aquifer well located approximately 181 feet from the proposed well on the adjacent JSWSC-owned parcel to the southeast. That well is owned by JSWSC and is part of its existing Prairie Dell Plant supply (District aggregate system N2-03-005P). Because it is completed in a different aquifer, it does not affect the Lower Trinity spacing requirement.

Demonstration of Need

Attached is an analysis by Sam Blumenthal, PE, of KPA, dated September 24, 2026, that provides a demonstration of need for the groundwater. The Prairie Dell Plant currently receives supply from three Edwards Aquifer wells, which the District permits for a combined withdrawal of 454.2 acre-feet per year.

In 2025, the plant produced approximately 390 acre-feet to serve an average of 978 connections. With completion of capital improvement projects and pending development entitlements, KPA projects 1,967 connections in the Prairie Dell Service Area by 2033, requiring approximately 783 acre-feet per year. This demand exceeds the current permitted withdrawal by about 330 acre-feet per year. To meet this need, JSWSC requests a permit for 400 acre-feet per year (an approximate 20% buffer over the 330 acre-feet) from the proposed Lower Trinity well. Water from the well may be blended with existing supply, as needed, to meet secondary drinking water standards.

Please don't hesitate to contact me at 512-506-1230 with any questions you may have about this permit application.

Sincerely,



Neil Deeds, PhD, PE, PG
Principal Water Resources Engineer

CC: gm@jswatersupply.com
rkasberg@kpaengineers.com

Enclosures: JSWSC_Prairie_Dell_Lower_Trinity_Non-Exempt_Well_Application.pdf
PD Well - Demonstration of Need (2026-09-24).pdf

INTERA Incorporated
9600 Great Hills Trail, Suite 300W
Austin, Texas 78759 USA
512.425.2000

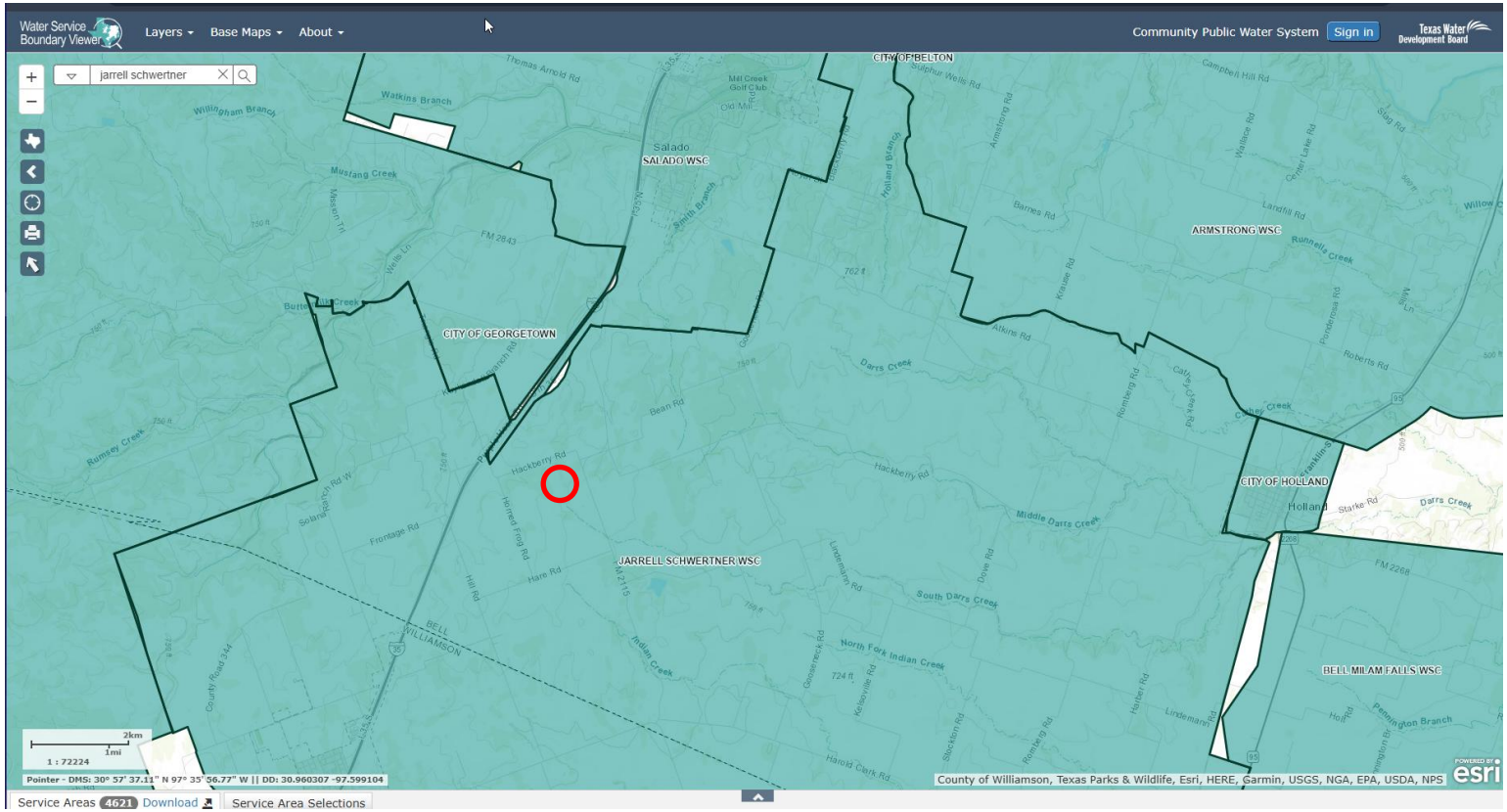


Figure 1. Proposed well location in the northwestern portion of the Jarrell Schwertner WSC service area. Water from the well will serve customers in Bell County.

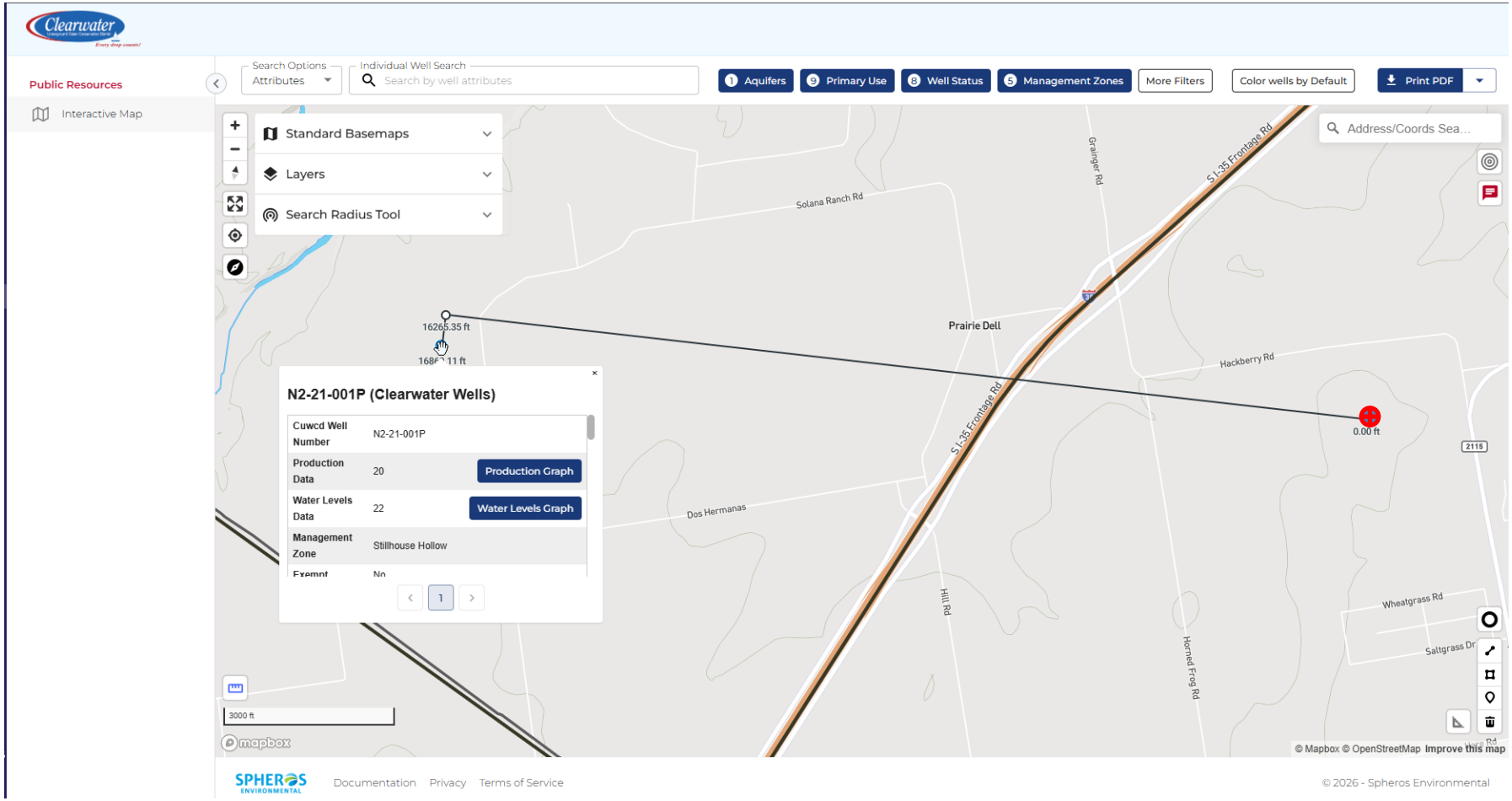


Figure 2. Proposed well location (red symbol) shown with nearest Lower Trinity well (N2-21-001P). This nearest well is >16,000 feet to the west and is recorded as an industrial well for Heidelberg Materials.

KPA ENGINEERS

11 South 2nd Street · Temple, TX 76501 · (254) 773-3731
800 South Austin Avenue · Georgetown, TX 78626 · (512) 819-9478

September 24, 2026

Joe Simmons
General Manager
Jarrell-Schwertner Water Supply Corporation

Re: Demonstration of Need for
Lower Trinity Well at Prairie Dell Plant

Mr. Simmons:

The Jarrell-Schwertner Water Supply Corporation (JSWSC) service area encompasses approximately 86,000 acres of which 36,000+/- acres are in northern Williamson County and 50,000+/- acres are in southern Bell County. The service area is experiencing rapid growth and growth is forecast to escalate.

In December 2020, the Corporation served 1,724 connections. By the end of 2025, the Corporation served 3,767 connections representing a 5-Year period of growth which more than doubled the customer base of the Corporation. During this 5-Year period, growth averaged +17.1% annually.

Table 1: Historic System Growth

Year	Year-End Connections	Customer Growth Rate	Annual Production
2020	1724	7.41%	838 ac-ft
2021	2217	28.60%	827 ac-ft
2022	2514	13.40%	860 ac-ft
2023	2739	8.95%	1,144 ac-ft
2024	3230	17.93%	1,139 ac-ft
2025	3767	16.63%	1,305 ac-ft

Currently, the Corporation has 9,921 LUE entitlements for development yet to be fulfilled. Projections indicate developers will complete these current entitlements by 2038. Fulfillment of these entitlements will extend Corporation service to approximately 14,000 LUEs. Utilizing the 2020 Census for Jarrell, the expectation is for 2.93 persons per household which amounts to a 2038 service population of 40,000+/-.

The Corporation maintains a Water Conversation Plan, a Drought Contingency Plan and regularly performs water loss audits. Despite JSWSC's stewardship, the increasing demand from development requires JSWSC to obtain new sources of supply to meet growth.

The JSWSC distribution system is divisible into several Service Areas which each share common supply, storage, and pressurization facilities. The Prairie Dell Plant serves the Prairie Dell Service Area which only includes properties either partially or wholly within Bell County. The Prairie Dell Plant receives supply from three (3) Edwards Aquifer Wells currently permitted by Clearwater Underground Water Conservation District (CUWCD). The District currently permits the Corporation to withdraw a total of 454.2 ac-ft/yr from these three (3) Edwards Aquifer wells.

In 2025, the Prairie Dell Plant produced 126,996,100 gallons (390 ac-ft) to serve an average of 978 connections. On average, each connection required 356 gallons per day (0.40 ac-ft/yr). After the completion of several capital improvement projects and with the completion of pending development entitlements, the Corporation expects to provide water for 1,967 connections in the Prairie Dell Service Area. Based on the historical consumption of 0.40 ac-ft/yr per connection, projections indicate the completion of current entitlements will require 783 ac-ft/yr of supply. This forthcoming demand exceeds the present permitted maximum withdrawal by 330 ac-ft/yr.

Table 2: Prairie Dell Service Area

Year	Prairie Dell Connections	Prairie Dell Annual Production
2025	978	390 ac-ft
2033	1,967	783 ac-ft

As described above, the Corporation identifies a future imbalance of demand and supply to occur in the Prairie Dell Service Area. To resolve this future imbalance, **the Corporation proposes the construction of a Lower Trinity Well at the Existing Prairie Dell Plant Site and seeks a groundwater permit for this well of 400 ac-ft/yr.**

If any additional information is needed, please contact Sam Blumenthal, P.E. (sblumenthal@kpaengineers.com).

Sincerely,

Samuel K. Blumenthal, P.E., C.F.M.
KPA Engineers
Associate

Attachments --- Prairie Dell Service Area, Location Map

PRAIRIE DELL SERVICE AREA
1,967 Projected Connection Entitlements

PD

SALADO

HOLLAND

JARRELL

PRAIRIE DELL
SERVICE AREA

Proposed Lower Trinity
Groundwater Well

JARRELL-SCHWERTNER WSC
OTHER SERVICE AREAS

BELL COUNTY
WILLIAMSON COUNTY

INTERSTATE 35

FARM 2843 ROAD

FARM 2268 ROAD

FARM 2115 ROAD

FARM 487 ROAD

FARM 1105 ROAD

95 TEXAS

NORTH

0 6,000 12,000

PRAIRIE DELL SERVICE AREA

LOCATION MAP

- JSWSC - Prairie Dell Service Corridor
- JSWSC - All Other Service Areas
- Bell County
- Proposed Well
- County Parcel Data
- Cities

KASBERG, PATRICK & ASSOCIATES, LP
CONSULTING ENGINEERS
FIRM REGISTRATION NO. F-510

Date/Time Survey Submitted: 2/27/2026 3:52:19 PM

TEXAS WATER DEVELOPMENT BOARD
WATER USE SURVEY

WATER USE IN CALENDAR YEAR: 2025

				SURVEY NUMBER:	0433500
SYSTEM NAME:	JARRELL SCHWERTNER WSC			**PRIMARY USED REGION:**	REGION G : BRAZOS G
OPERATOR NAME:				**PRIMARY USED COUNTY:**	WILLIAMSON
MULTIPLE SURVEY ORG:				**PRIMARY USED RIVER BASIN:**	BRAZOS
MAILING ADDRESS 1:	PO BOX 40			**ORGANIZATION MAIN PHONE:**	512-746-2114
MAILING ADDRESS 2:				**MAIN EMAIL:**	gm@jswatersupply.com
CITY/STATE/ZIP:	JARRELL	TX	76537-	**WEB:**	www.jswatersupply.com
PWS NAME:	JARRELL SCHWERTNER WSC			**PWS CODE:**	TX2460011

INTAKE:

Water Type		County	Basin	Aquifer	Well Name (if applicable)		Metered or Estimated	Brackish / Saline (Y or N)	% Treated Prior to Intake	Total Volume (gallons)	
GROUND WATER SELF SUPPLIED		BELL	BRAZOS	EDWARDS-BFZ AQUIFER			M	N	0.00		127,658,212
JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
9,124,215	6,844,721	7,853,189	9,216,839	10,963,239	13,494,802	12,124,723	12,639,426	11,894,779	13,032,952	10,093,518	10,375,809
Water Type		**County**	**Basin**	**Aquifer**	**Well Name (if applicable)**		**Metered or Estimated**	**Brackish / Saline (Y or N)**	**% Treated Prior to Intake**	**Total Volume (gallons)**	
GROUND WATER SELF SUPPLIED		WILLIAMSON	BRAZOS	EDWARDS-BFZ AQUIFER			M	N	0.00		121,408,261
JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
6,888,584	9,847,132	11,144,763	10,666,098	11,455,390	12,324,196	11,340,120	11,686,076	9,994,760	11,636,178	10,333,195	4,091,769
Water Type		**County**	**Basin**	**Seller Name and/or Seller System**		**Aquifer**	**Metered or Estimated**	**Brackish / Saline (Y or N)**	**% Treated Prior to Intake**	**Total Volume (gallons)**	
GROUND WATER PURCHASED				SALADO WSC			M	N	100.00		11,184,900
JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
671,300	760,800	813,400	1,038,400	702,900	911,300	898,400	1,577,500	1,179,200	1,206,700	851,300	573,700
Water Type		**County**	**Basin**	**Seller Name and/or Seller System**		**River / Reservoir**	**Metered or Estimated**	**Brackish / Saline (Y or N)**	**% Treated Prior to Intake**	**Total Volume (gallons)**	
SURFACE WATER PURCHASED		BELL	BRAZOS	CENTRAL TEXAS WSC		STILLHOUSE HOLLOW LAKE/RESERVOIR	M	N	100.00		17,922,871
JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1,217,584	1,067,212	1,349,509	1,339,901	1,335,532	1,545,043	1,811,409	2,091,308	1,833,599	2,007,202	1,209,945	1,114,627
Water Type		**County**	**Basin**	**Seller Name and/or Seller System**		**River / Reservoir**	**Metered or Estimated**	**Brackish / Saline (Y or N)**	**% Treated Prior to Intake**	**Total Volume (gallons)**	
SURFACE WATER PURCHASED		WILLIAMSON	BRAZOS	LONESTAR WATER AUTHORITY		BRAZOS RIVER AUTHORITY	M	N	100.00		105,962,364
JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
5,779,127	6,363,203	6,618,579	8,054,211	8,821,415	11,552,757	11,224,282	11,704,880	10,637,550	10,892,252	8,853,224	5,460,884

COUNTY CONNECTIONS:

COUNTY NAME	TOTAL CONNECTIONS
BELL	1,251
WILLIAMSON	2,493

CONNECTIONS & USAGE:	CONNECTIONS	VOLUME (GALLONS)
TOTAL METERED RETAIL:	3,759	308,955,900
Residential - Single Family	3,357	249,581,700
Residential - Multi Family	11	1,996,200
Institutional	32	7,897,300
Commercial	111	16,019,300
Industrial	12	6,283,800
Agriculture	236	27,177,600
Reuse	0	0
TOTAL UNMETERED:	25	51,904,591

WATER SYSTEM INFORMATION:

Estimated full-time residential population served directly by this system	11,259

Jarrell Schwertner WSC

This data comes from submitted water loss audits after quality control has been completed. Water loss audits with obvious data issues were removed.

GMD = gallons per mile per day; GCD = gallons per connection per day; ILI = Infrastructure Leakage Index; GPCD = gallons per capita per day

Year	Real Loss GMD (<32 conn/mi)	Real Loss GCD	Apparent Loss GCD	Water Loss GCD	ILI (>= 3,000 connections)	Total GPCD	GPCD Loss
2025	730.77	45.38	5.68	51.07		93	17
2024	851.69	57.71	1.01	58.73		92	21
2023	2037.43	189	4.92	193.92		128	64
2022	620.61	61.69	6.52	68.21		109	23
2021	1069.55	154	3.8	157.8		103	53
2020	1905.9	259.8	4.81	264.61		151	88

Payment Receipt

Clearwater Underground Water Conservation

700 Kennedy Ct
Belton, TX 76513

Received From
Jarrell Schwertner WSC c/o Joe Simmons PO Box 40 Jarrell, TX 76537

Date	10/22/2026
Payment Method	Cash
Check/Ref No	18627

Payment Amount	$4,225.00
Total Amount Due	$0.00

Invoices Paid

Date	Invoice Number	Amount Due	Amount Applied
10/21/2026	315	$4,225.00	$4,225.00

HOLD TO LIGHT TO VIEW TRUE WATERMARK IN PAPER HEAT SENSITIVE RED LOCK DISAPPEARS WHEN HEATED

18627

JARRELL-SCHWERTNER WATER SUPPLY CORPORATION
Monthly Operating Account
P.O. Box 40 • Jarrell, TX 76537
Phone 512-746-2114

Round Top State Bank
1442 E. Austin
Giddings, Texas 78942
88-1489/1131

10/22/2026

PAY TO THE ORDER OF Clearwater Underground Water Conservation $ **4,225.00

Four Thousand Two Hundred Twenty-Five and 00/100********** DOLLARS

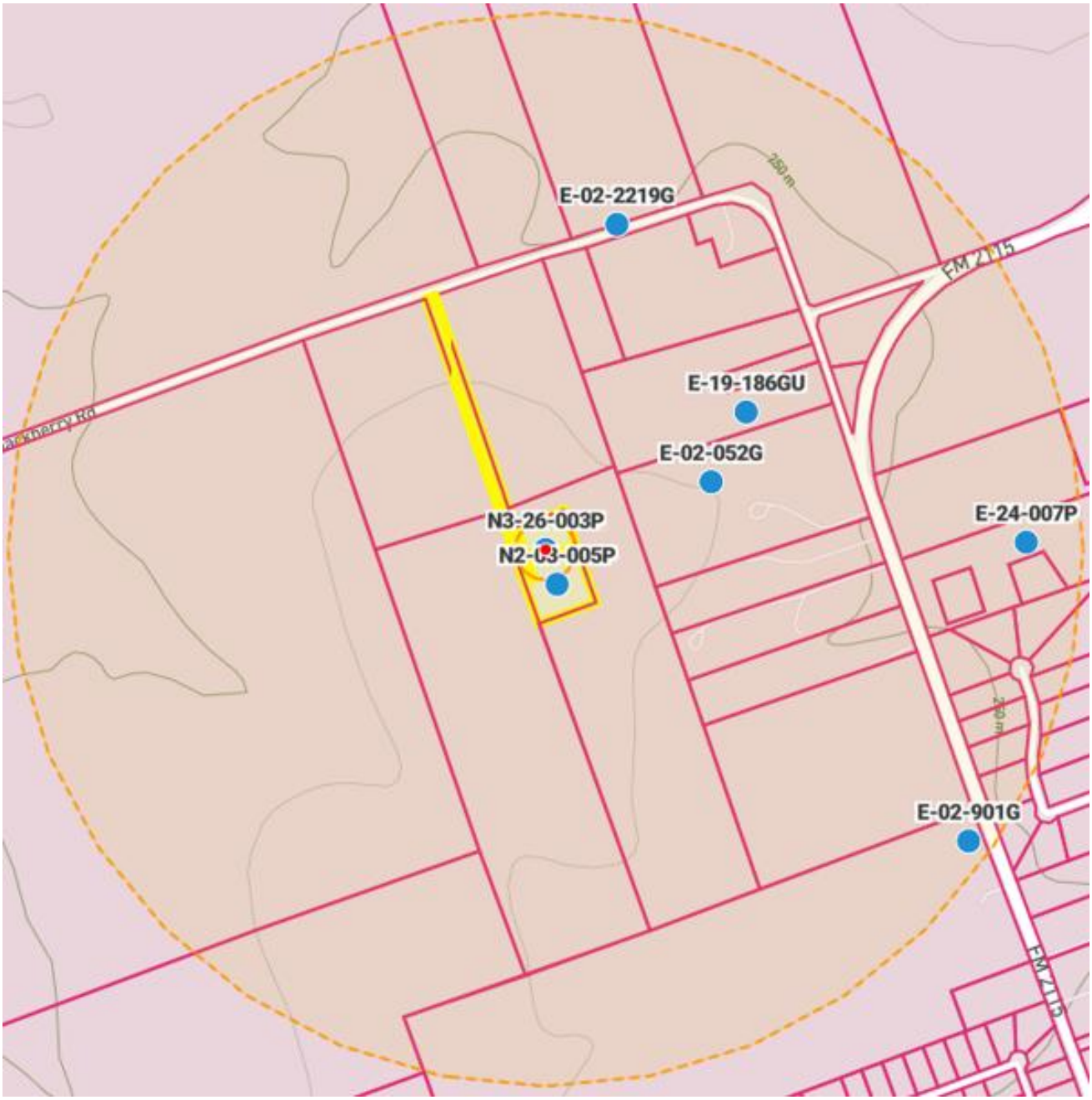
Clearwater Underground Water Conservation
P.O. Box 1989
Belton, TX 76513

MEMO PERMIT APPLICATION

AUTHORIZED SIGNATURE

Security features. Details on back.

Notification


E-02-2219G
FM 2175
E-19-186GU
E-02-052G
N3-26-003P
N2-03-005P
E-24-007P
E-02-901G
750 m
250 m

N3-26-003P Contact List

Wells 1/2 Mile

Prop ID	Name	Address	City	State	Zip	Well #	Status	Depth	Aquifer	Use	Distance
198365	Bobby Edwards	19448 FM 2115	Salado	TX	76571	E-02-052G	Active	373	Edwards (BFZ)	Domestic	879 ft
109744	Richard & Patricia Spurlock	PO Box 131	Salado	TX	76571	E-02-2219G	Active	25	Buda	Livestock/Poultry	1,637 ft
400114	Lori Maughan	19934 FM 2115	Salado	TX	76571	E-02-901G	Inactive	445	Edwards (BFZ)	Not Used	2,528 ft
193371	Antonio & Carmen Gamiz	539 Hackberry Rd	Salado	TX	76571	E-19-186GU	Active	404	Edwards (BFZ)	Domestic	1,193 ft
541471	Marco Riccoboni	19639 FM 2115	Salado	TX	76571	E-24-007P	Active	500	Edwards (BFZ)	Domestic	2,361 ft
333722	Jarrell- Schwertner Water Supply Corporation	PO Box 40	Jarrell	TX	76537	N2-03-005P	Active	unknown	Edwards (BFZ)	Public Supply	181 ft

Adjacent Property

117732	Lori Maughan	19934 FM 2115	Salado	TX	76571
333722	Jarrell- Schwertner Water Supply Corporation	PO Box 40	Jarrell	TX	76537
399355	Jarrell- Schwertner Water Supply Corporation	PO Box 40	Jarrell	TX	76537
333721	Jarrell- Schwertner Water Supply Corporation	PO Box 40	Jarrell	TX	76537

October 16, 2026

NOTICE OF APPLICATION FOR DRILLING PERMIT

Name
Address
City, TX Zip

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RE: Application for N3 Drilling Permit

To Whom It May Concern:

Neil Deeds, INTERA, on behalf of Joe Simmons, Jarrell Schwertner Water Supply Corporation (JSWSC), has submitted an application, to Clearwater Underground Water Conservation District (CUWCD) on October 15, 2026, for a drilling permit to complete a new well (N3-26-003P) for a proposed future operating permit of 400 acre-feet/year or 130,340,400 gallons/year on contiguous tracts of land (PID:399357, 333720, 333721, 399355, 333722, 55319, 55318) totaling 4.7 acres located in the northern portion of JSWSC's service area at Hackberry Road and FM 2115, Salado TX 76571, Latitude 30.883351º/Longitude -97.557116º.

If approved, this permit will only authorize the drilling and completion of the well in the Lower Trinity Aquifer (Hosston Layer) in the Eastern Management Zone with a maximum 8-inch column pipe and an estimated withdrawal rate of 600 gallons/minute. The proposed well will produce groundwater for a TCEQ-approved public water supply system, Certificate of Convenience and Necessity (CCN) #10002, to provide public water to customers in the JSWSC north service corridor, exclusively in Bell County. Upon completion of the well, a formal hydrogeologic report must be submitted to CUWCD to support a future operating permit. This drilling permit will not authorize any production of groundwater other than what is necessary for the prescribed aquifer pumping test.

This application will be set for hearing before the CUWCD Board upon notice posted at the Bell County Clerk's Office and at the CUWCD Office. If you would like to support, protest, or provide comments on this application, you must appear at the hearing and comply with District Rule 6.10. For additional information about this application or the permitting process, please contact the CUWCD at 700 Kennedy Court, Belton, Texas 76513, 254-933-0120. The applicant's representative, Neil Deeds, may be contacted at 9600 Great Hills Trail, Suite 300W, Austin TX 78759, or by phone at 512-506-1230.

Sincerely,

Neil Deeds, PhD, PE, PG
Principal Water Resources Engineer

9589 0710 5270 2984 7634 97

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Salado, TX 76571

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Certified Mail Fee	$5.55 / $4.65
Extra Services & Fees (check box, add fee as appropriate)	
☒ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$0.82
Total Postage and Fees	$11.02

0128 50 OCT 30 2026 Postmark Here

10/23/2026

Sent To: Lori Maughan
Street and Apt. No., or PO Box No.: 19934 FM 2115
City, State, ZIP+4®: Salado, TX 76571

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

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☐ Adult Signature Restricted Delivery	$
Postage	$0.82
Total Postage and Fees	$11.02

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10/23/2026

Sent To: Bobby Edwards
Street and Apt. No., or PO Box No.: 19448 FM 2115
City, State, ZIP+4®: Salado TX 76571

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

7016 2140 0000 8031 7389

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10/23/2026

Sent To: Richard & Patricia Spurlock
Street and Apt. No., or PO Box No.: PO Box 131
City, State, ZIP+4®: Salado TX 76571

PS Form 3800, April 2015 PSN 7580-02-000-9047 See Reverse for Instructions

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☐ Adult Signature Restricted Delivery	$
Postage	$0.82
Total Postage and Fees	$11.02

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10/23/2026

Sent To: Marco Ricciboni
Street and Apt. No., or PO Box No.: 19639 FM 2115
City, State, ZIP+4®: Salado TX 76571

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

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Postage	$0.82
Total Postage and Fees	$11.02

0128 50 OCT 30 2026 Postmark Here

10/23/2026

Sent To: Antonio & Carmen Ramiz
Street and Apt. No., or PO Box No.: 539 Hackberry Rd
City, State, ZIP+4®: Salado TX 76571

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

NOTICE OF APPLICATION FOR A DRILLING PERMIT FROM CLEARWATER UNDERGROUND WATER CONSERVATION DISTRICT

Neil Deeds, INTERA, on behalf of Joe Simmons, Jarrell Schwertner Water Supply Corporation (JSWSC), has submitted an application, to Clearwater Underground Water Conservation District (CUWCD) on October 15, 2026, for a drilling permit to complete a new well (N3-26-003P) for a proposed future operating permit of 400 acre-feet/year or 130,340,400 gallons/year on contiguous tracts of land (PID:399357, 333720, 333721, 399355, 333722, 55319, 55318) totaling 4.7 acres located in the northern portion of JSWSC's service area at Hackberry Road and FM 2115, Salado TX 76571, Latitude 30.883351º/Longitude -97.557116º.

If approved, this permit will only authorize the drilling and completion of the well in the Lower Trinity Aquifer (Hosston Layer) in the Eastern Management Zone with a maximum 8-inch column pipe and an estimated withdrawal rate of 600 gallons/minute. The proposed well will produce groundwater for a TCEQ-approved public water supply system, Certificate of Convenience and Necessity (CCN) #10002, to provide public water to customers in the JSWSC north service corridor, exclusively in Bell County. Upon completion of the well, a formal hydrogeologic report must be submitted to CUWCD to support a future operating permit. This drilling permit will not authorize any production of groundwater other than what is necessary for the prescribed aquifer pumping test.

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Publisher's Affidavit

State of Texas
County of Bell

Before Me, The Undersigned Authority, this day personally appeared Jane Moon after being by me duly sworn, says that she is the Classified Manager, Inside Sales of the Temple Daily Telegram, a newspaper published in Bell County, Texas and that the stated advertisement was published in said newspaper on the following date(s):

October 28, 2026

For: Dr. Neil Deeds
Ad #: 16705497
Cost: $162.90
Times Published: 1

Jane Moon
Classified Manager Inside Sales

Subscribed and sworn to before me,
this day October 30, 2026

Sherry McWhirter
Notary Public in and for
Bell County, Texas

(Seal)

SHERRY MCWHIRTER
Notary Public, State of Texas
Comm. Expires 3-18-2029
Notary ID 132981834

NOTICE OF APPLICATION FOR A DRILLING PERMIT FROM CLEARWATER UNDERGROUND WATER CONSERVATION DISTRICT

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