

**Agenda Item: #13
Public Hearing
City of Temple Application**

Staff Report
Application for Drilling Permit
N3-23-004P



Applicant/Owner: City of Temple
c/o Dr. Neil Deeds, Principal Water Resources Engineer, INTERA Inc.
3210 E. Avenue H Bldg. A Suite 130,
Temple, TX 7650

Location of Well:
45.33-acre tract located at 4331 Tower Rd., Temple, Texas, Latitude 31.0582°/Longitude -97.3005°

| | | | |
|--|---|--|---|
| <p>Proposed Annual Withdrawal:</p> <p>Initial Rate : 800-gpm Column Pipe: 8-inch</p> <p>Withdrawal: Proposed annual quantity not to exceed 239 acre-feet or 77,822,380 gallons per year.</p> | <p>Proposed Use</p> <p>Industrial Use Permit</p> <p>Proposed for the Rowan Green Data Center</p> | <p>Aquifer:</p> <p>Hosston Layer of the Trinity Aquifer</p> <p>Eastern Management Zone as described in Rule 7.1</p> | <p>Nearest Existing Wells:</p> <p>3 @ 1/2 mile</p> <p>Note: No wells within ½ mile are completed in the Hosston Layer of the Trinity Aquifer</p> |
|--|---|--|---|

General Information

The City of Temple has applied to Clearwater Underground Conservation District for a drilling permit for a non-exempt well. The proposed well is to supply an industrial user in an area located in the southeast portion of Temple. INTERA has been hired by the City to help support this process and provided the cover letter to partially meet the requirements of the application. The described proposed beneficial use of the groundwater and specifically identify the anticipated needs for the City’s industrial partner, Rowan Green Data. The facility being constructed is for a data center with specific water use requirements.

The applicant’s representative also stated that “*The timeline for completion of this expansion is on the order of 2029/2030 at a cost of over 30million dollars. While the City may have sufficient overall water supply to meet Rowan’s needs, the timeline over which an industrial capacity supply will be brought to that area cannot meet Rowan’s schedule. The City of Temple is almost finished with bringing potable water and wastewater infrastructure to the site, but the small potable water supply will mostly be used for facilities (drinking and bathrooms).*”

The applicant's representative also stated that "the proposed groundwater use is for cooling and will be recycled *three to four times*" before the remaining water is discharged per the applicant's application cover letter." Dr. Deeds states that Rowan has a strong commitment to environmental stewardship and recognizes the value of water reuse and water conservation. Their proposed use of the groundwater meets the standard for beneficial use as defined in District rules (Rule 1.1 Definition of Terms).

Per Rules 6.9 and 6.10

In deciding whether or not to issue a permit, the Board must consider the following:

1. **Does the application contain all the information requested, and 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? (Rule 6.10.24(a)(b), TWC 36.116(a)(1), TWC 36.113(d)(1) and Rule 6.9.1(b)(1)(2)**

The application is complete—all requested information has been provided. The application conforms to said rules with all required application fees. In addition, the applicant has met 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) and District Rule 6.10.24 (d).**

The groundwater produced from this well is for industrial use per District Rules and Chapter 36. The applicants also indicated that the well could be retrofitted as a future ASR injection and/or ASR recovery well. Applicant and/or Applicants representatives are encouraged to testify to this and explain the process afforded by TCEQ laid out in form TCEQ-20772. <https://www.tceq.texas.gov/permitting/asr-applicaton-form.docx>

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

The applicant should testify they understand per District Rules and that by signing the application form the applicant and applicant's representatives agree to stating compliance with the District's Groundwater Management Plan.

The applicant should testify to the process of water conservation measures stated in the application letter referencing that they will recycle three to four times before water is discharged in the proposed data center and explain the reuse process stated in the application. The discharge location of the reused groundwater will also need to be explained during testimony.

- 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))**

The applicant (*by signing the application form*) and should offer testimony that if the well deteriorates over time or becomes damaged in such a way that the well is inoperable that state law and district rules require such a well to be plugged before a replacement well can be drilled.

5) Will the proposed water well comply with spacing and production limitations identified in our rules? (TWC 36.116(a)(1) and Rule 6.10.24(b)) and Rule 9.5.2

The proposed well is in the “*Eastern Management Zone*” of Bell County. The applicant states they need a maximum column pipe size of 8-inch and a range of 576-gpm to



800-gpm is needed for the facilities anticipated average use and peak usage needs per the submitted needs assessment. Based on this column pipe size, a minimum size tract of 40-acres is required, with a 5280-foot spacing requirement from other wells. The well must be located 150-feet from the property line. Testimony from the applicant that they will continue to adhere to all spacing requirements per District Rule 9.5 Spacing Requirements.

The District rules do not impose production limitations other than those determined applicable in the review of the today’s drilling permit request for a well to conduct the study the prescribed Well Completion Report per District Rule 6.9.2 (f)(1)-(8).

The applicant and their representative must understand that future operating permit for production provide evidence that the permit must not cause any unacceptable level of decline in water quality of the aquifer, or as may be 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.

These issues are considered in Items 6 & 7 below and with staff recommendations to address potential concerns of adjacent property owners.

6) **Will the proposed use of water unreasonably affect existing groundwater and surface water resources or existing permit holders?**

Based upon our best available information, there are 4 wells as defined for domestic use completed, from shallow formations and not from major aquifers as defined by TWDB.

3 wells are within 1/2 mile (No wells are completed in the Lower Trinity)
1 well active and completed in the Ozan, 2 wells are inactive and completed in the Austin Chalk.

Mike Keester, RW Harden & Associates, has reviewed the application and has projected anticipated drawdown and has provided the *attached MK report*.

His conclusions and recommendations are on page 4. Because we are a needs-based District, we recommend the applicant provide additional information with a future operating permit application to substantiate the projected water use of 239 acre-feet per year that also accounts for the stated reuse strategy of “*three to four times*” in the application letter.

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 water is consistent with the District’s Groundwater Water Management Plan (GMP) related to the approved DFC and the defined available groundwater for permitting?**

The District’s current Groundwater Management Plan reflects a groundwater availability figure in the Lower Trinity Aquifer of **7193 ac-ft/year Modeled Available Groundwater** (minus the reserve **178 ac-ft/year for exempt well use**) thus **7015 ac-ft/year is the Managed Available Groundwater for permitting. For the record the actual MAG, per GMA8-Round 3, will increase to 7900 ac-ft/year, once the District amends the current GMP.**

The Board, per the District Management Plan, has evaluated groundwater available for permitting the Lower Trinity Aquifer and evaluated the available groundwater for permitting (*consistent with the current management plan as stated on pages 9-10*).

The requested permit amount relative to the current modeled available groundwater MAG determined by the Texas Water Development Board (TWDB) based on the desired future conditions (DFCs) established by the District for the Lower Trinity Aquifer was set by CUWCD based on 330-ft of drawdown over 60-yrs. This was reviewed and again approved by the board in January 2019. To achieve this DFC, the TWDB used a model that indicated the MAG was equal to 7193 acre-feet per year from the Lower Trinity.

A summary of YTD 2023 permit production, HEUP & OP Permit Analysis, pending applications, and *Exempt Well Reservations for the Lower Trinity, per District Report illustrates current Lower Trinity Aquifer permits total 4390.661 ac-ft/year. Currently, the District has a pending permit of 0.38 ac-ft/year, thus available for permitting is only 2624.339 acre-feet/year. (*see attached Lower Trinity Aquifer Status Report, June 2023*).

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

The current modeled available groundwater MAG determined by the Executive Administrator with the Texas Water Development Board (TWDB) based on the desired future conditions (DFCs) established by Joint Planning in GMA8 (**Round-2**) the District for the Lower Trinity Aquifer was determined based on 330-ft of drawdown over 60 yrs. This was reviewed and again approved by the board in January 2019. To achieve this DFC, the TWDB used a model that indicated the MAG was equal to 7193 acre-feet per year from the Lower Trinity.

The modeled available groundwater will not be exceeded by granting this permit. (*see attached Trinity Aquifer Status Report, June 2023*).

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 8.3?

Refer to #7 above. Reservation of Modeled available groundwater for **exempt well** use will not be exceeded by granting this permit. 178 ac-ft/year vs 59 ac-ft estimated to be used annually in the Lower Trinity. (*see 2022 district exempt use report*)

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

Refer to #7 above. Existing permits do not exceed the managed available groundwater (*modeled available groundwater – exempt well use = Managed Available Groundwater*) for the Lower Trinity Aquifer which is 4390.661 ac-ft 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 2022 was **4390.61 ac-feet/yr.** and the actual production in 2022 was **1842.71 ac-ft/yr (42%)** of the permitted amount. (*Figures are based upon monthly production reports submitted to Clearwater by the permit holders in 2022*).

12) Yearly precipitation and production patterns.

Clearwater is currently in no drought management stage based on the PDI system (average running total annual rainfall) over the Aquifer in the District, is currently at **28.932** inches of rain received in the last 365 days (6-23-2023) thus 87.67% of annual expected rainfall of 33 inches. The Lower Trinity permit holders in all of 2022 have used 42% of the total permitted amounts in the Aquifer. Permit holders did not exceed their total permitted amounts in 2020, 2021, and 2022.

The gravity of the current drought is reminiscent of the epic drought of 2011-2013, the significant drought in 2018, 2020, and again in 2022-23. The current drought trends do necessitate the need for all permit applications to be evaluated based on conservative needs and usage that are not contradicted by the current voluntary drought contingency plan stage.

Conclusions and Recommendations:

- 1) District GM recommends that the Board only approve drilling permit per Rule 6.7.1 and per Rule 6.9.2(f) must provide the Well Completion Report, when the applicant returns to the District for an Operating Permit per Rule 6.6.1 within 30-days of completion of the well and per Rule 6.6.3 preparation of the required well completion report.
- 2) The applicant's representative should pursue TCEQ input on the well design prior to drilling so that it can be engineered in such manner that the TCEQ would approve the well for future ASR Injection and ASR Recovery well.
- 3) District GM recommends the Applicant's representatives provide more clarification on the stated reuse of the groundwater production and account for that in the final operating permit application needs assessment.
- 4) District GM recommends the Applicant's representative per application letter determine the future needs of groundwater based on the declaration that enhance surface water delivery will be attained by year 2029.
- 5) District GM concurs with Keester that the well completion report will aid the Board's understanding of anticipated impacts over and above our current understanding of the system.
- 6) District GM recommends that the well be equipped with a meter for monthly recording of production in accordance with District Rule.
- 7) District should require the well owner to participate in the Districts continuous water level recorder program with a device provided and maintained by the District Staff.

Attachments are as follows:

| | |
|--|---------------------|
| <i>Keester PG Technical Memorandum</i> | <i>06/05/2023</i> |
| <i>CUWCD Aquifer Status Report</i> | <i>06/13/2023</i> |
| <i>CUWCD 2022 Exempt Well Estimate of Use Report</i> | <i>12/31/2022</i> |
| <i>CUWCD Site Map</i> | <i>See Attached</i> |
| <i>Applications, fees and Notification Affidavit</i> | <i>See Attached</i> |

Mike Keester, PG
RW Harden & Associates
July 5, 2023 Hydrogeologic Evaluation

TECHNICAL MEMORANDUM

To: Dirk Aaron, General Manager – Clearwater Underground Water Conservation District

From: Michael R. Keester, PG – R. W. Harden & Associates, Inc.

Date: July 5, 2023

Subject: Hydrogeologic Evaluation of the City of Temple Well (N3-23-004P) Drilling Permit Application

Proposed Well ID: *N3-23-004P*

Well Owner Name: *City of Temple*

Tract Size: *45.34 Acres*

Column Pipe Size: *Max 8 inches*

Aquifer: *Lower Trinity*

Proposed Annual Production: *239 Acre-Feet per Year*

Proposed Instantaneous Pumping Rate: *800 Gallons per Minute*

According to information provided by the applicant’s consultants, the proposed well is intended to supply water for industrial use to a data center located in the southeast portion of Temple. Projected annual water demand for the data center is 77,822,380 gallons or approximately 239 acre-feet. To meet peak demand, the anticipated capacity of the well is 800 gallons per minute from the Lower Trinity Aquifer in the Eastern Management Zone.

According to the CUWCD geologic model, the top of the Lower Trinity is about 2,400 feet below ground level and about 500 feet thick at the proposed well location. Site specific conditions encountered while drilling will determine the final depth of the well and completion interval. To meet the requirements of District Rule 6.9.2(f), the applicant will need to collect lithology samples and conduct geophysical logging of the open borehole while will also support delineation of the subsurface geologic units.

The groundwater availability model (Kelley and others, 2014) indicates the Lower Trinity Aquifer transmissivity is about 3,250 gallons per day per foot (gpd/ft) with a storage coefficient of 0.00011. Aquifer testing conducted in collaboration with the District has resulted in revision of the model transmissivity for the Lower Trinity Aquifer. According to the CUWCD updated model datasets, the transmissivity of the Lower Trinity Aquifer at the proposed well site is about 45,750 gpd/ft (Keester and Konetchy, 2016; Konetchy and Beach, 2020). Testing conducted following completion of the well will provide the site specific aquifer hydraulic conditions. However, for our analysis of effects due to the proposed production, we used the higher transmissivity estimate and the storativity value from the groundwater availability model to assess the potential drawdown at the proposed well and at the existing wells located within five miles from the proposed well (Figure 1).

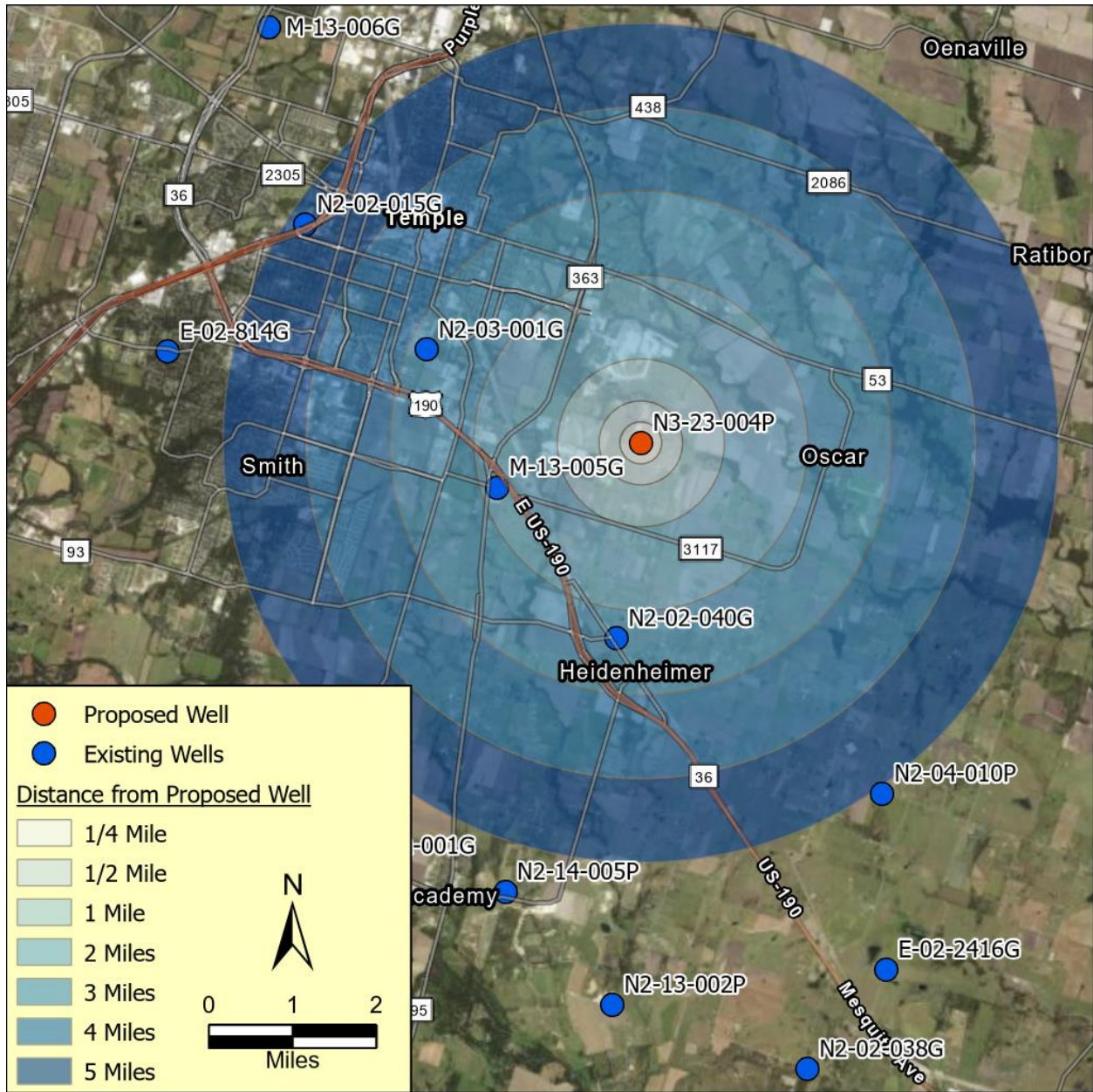


Figure 1. The proposed well and existing CUWCD Lower Trinity wells. Detailed information for each well shown is available through the District’s website (<https://cuwcd.org/>).

The potential effects of the proposed production on local water levels in the aquifer are calculated using the Theis equation (Theis, 1935), 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 very good, reliable, and straightforward method for estimating relatively short-term drawdown in and near a well due to pumping. As the duration of pumping and distance from the well increase, the uncertainty in the calculated drawdown also increases.

Table 1 presents the range in calculated drawdown based on an annual production rate of 239 acre-feet per year. For *1-Day Drawdown*, we applied the proposed instantaneous pumping rate of 800 gpm for a period

of 24 hours. For *1-Month Drawdown*, we used the data provided by the applicant’s consultant which indicated 17,320,764 gallons (53.2 acre-feet) in July. For the *1-Year Drawdown*, we used the total proposed annual production amount.

Table 1. Calculated drawdown at the proposed well and other wells within five miles completed in the Lower Trinity Aquifer based on annual production rate of 239 acre-feet. Values less than one foot are reported as Negligible.

| CUWCD Well ID | Distance from Proposed Well (mile) | 1-Day Drawdown (feet) | 1-Month Drawdown (feet) | 1-Year Drawdown (feet) |
|--------------------------------|------------------------------------|-----------------------|-------------------------|------------------------|
| N3-23-004P (City of Temple) | — | 38 | 22 | 9 |
| M-13-005G | 1.8 | 2 | 4 | 2 |
| N2-02-040G | 2.4 | Negligible | 3 | 2 |
| N2-03-001G | 2.8 | Negligible | 3 | 2 |
| N2-02-015G | 4.8 | Negligible | 2 | 2 |

The predicted drawdown amounts are based on our current understanding of the aquifer hydraulic properties and the estimated production from the proposed well. The predicted drawdown values presented 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.

As shown on Figure 1 and in Table 1, the nearest Lower Trinity well is District monitoring well M-13-005G. Since 2014, the District has regularly obtained water level measurements from the well. Based on these measurements, water levels in the Lower Trinity are declining at a rate of about 4.3 feet per year in the area (Keester and Pedrazas, 2020). The most recent water level measurement reports the depth to water at 384.5 feet below ground level (May 1, 2023). With the top of the aquifer at 2,400 feet below ground level, groundwater rises more than 2,000 feet above the top of the aquifer.

Predicted drawdown after one year of production is only about two feet at other wells within five miles of the proposed well. With water rising over 2,000 feet above the top of the aquifer in the well, the predicted drawdown and regional water level decline will not inhibit the ability to produce groundwater from existing wells in the foreseeable future.

As part of the well drilling and completion process, the applicant will conduct a minimum 24-hour pumping test and collect water samples for lab analysis. Based on the projected affect on M-13-005G, we recommend the District set monitoring equipment to record water levels in the well at 10 minute intervals for five days before and after the pumping test. Results of the pumping test and sampling will be beneficial in the analysis of the potential effects of production associated with the anticipated future operating permit application.

The District’s adopted desired future condition (DFC) for the Lower Trinity Aquifer is 375 feet of average drawdown from 2010 through 2080. This adopted DFC results in a modeled available groundwater (MAG) value of 7,900 acre-feet per year (Shi and Harding, 2022). Based on monitoring data, the District is currently below the adopted DFC (Keester and Pedrazas, 2020) and District reporting indicates there is more than 2,000 acre-feet available for permitting from the Lower Trinity Aquifer (CUWCD, 2023).

Conclusions and Recommendations

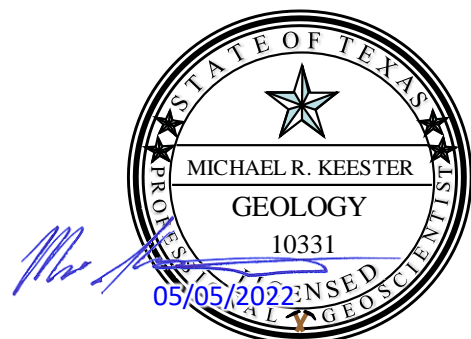
Based on our current understanding of the local aquifer conditions, the proposed well will not inhibit the ability of other users to access groundwater from the Lower Trinity. In addition, the proposed production associated with a future operating permit is less than the volume reported as available for permitting. Based on our current understanding of the system, the nearest known Lower Trinity well is estimated to experience approximately two feet of drawdown from the annual production after one year. Data provided in association with the well completion report (Rule 6.9.2(f)) will aid the Board's consideration of the anticipated operating permit.

References

- CUWCD, 2023, Aquifer Status & Production Reports, <https://cuwcd.org/wp-content/uploads/2023/06/Aquifer-Status-Production-Reports.pdf>, accessed July 2023.
- Keester, M. and Konetchy, B., 2016, February 5, Results of Northern Trinity / Woodbine Groundwater Availability Model Simulations using a Modified Lower Trinity Transmissivity Distribution: Technical Memorandum.
- Keester, M. and Pedrazas, M., 2020, User Guide for CUWCD DFC Compliance Assessment Tool: Technical Memorandum to Dirk Aaron, General Manager – Clearwater Underground Water Conservation District for Update and Revisions to the District DFC Compliance Assessment Tool, 11 p.
- Kelley, V.A., Ewing, J., Jones, T.L., Young, S.C., Deeds, N., and Hamlin, S., eds., 2014, Updated Groundwater Availability Model of the Northern Trinity and Woodbine Aquifers: Vol 1, Austin, Texas, Intera, 990 p.
- Konetchy, B. and Beach, J., 2020, Update of the Modified CUWCD NTWGAM: Draft Technical Memo to Dirk Aaron, General Manager of Clearwater UWCD dated May 7, 2020, 16 p.
- Shi, J. and Harding, J., 2022, GAM Run 21-013 MAG: Modeled Available Groundwater for the Aquifers in Groundwater Management Area 8: TWDB GAM Run, 92 p, http://www.twdb.texas.gov/groundwater/docs/GAMruns/GR21-013_MAG.pdf?d=13878.
- 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.

Geoscientist Seal

The signature and seal appearing on this document was authorized by Michael R. Keester, P.G. on July 5, 2023. R.W. Harden & Associates Texas Board of Professional Geoscientist Firm Registration Number 50033.



CUWCD Aquifer Status Report

Trinity Aquifer Status Report – June 2023

| <u>DFC Analysis Over Time</u> (2000-Present) <i>Modeled Available Groundwater</i> | | | <u>HEUP and OP Permit Analysis</u> <i>Relative to the Modeled Available Groundwater</i> | | | <u>2023 YTD</u> <u>Total Prod.</u> <i>Jan - May</i> 674.56 ac-ft 13.51% | | <u>Pending Applications</u> | | <u>Exempt Well Reservations</u> | | |
|---|--|------------------------|--|----------------------------------|---|---|-------------------------------------|--|--|---|---|--|
| Trinity Aquifer (by layer) | DFC Adopted * Average Drawdown (by layer) | MAG ** Ac-ft | HEUP Ac-ft (by layer) | OP Ac-ft (by layer) | Total Permitted Ac-ft (by layer) | 2022 YTD Prod. (by layer) | 2023 YTD Prod. (by layer) | Available for Permitting Ac-ft (by layer) | Pending Applications Ac-ft (by layer) | Exempt Well Reserve Ac-ft (by layer) | 2022 Exempt Well Use Estimate Ac-ft (by layer) | Available Exempt Use Ac-ft (by layer) |
| | Current | | | | | | | | | | | |
| Pawluxy | NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 |
| Glen Rose (upper) | -1.38 ft/yr -83 ft/60 yrs | 974 | 61.9 | 72.73 | 134.63 | 23.79 | 7.64 | 146.37 | 0 | 693 | 189 | 504 |
| Hensell (middle) | -2.28 ft/yr -137 ft/60 yrs | 1099 | 259.3 | 207.77 | 467.07 | 67.06 | 16.66 | 73.23 | ***23.00 | 548 | 527 | 21 |
| Hosston (lower) | -5.50 ft/yr -330 ft/60 yrs | 7193 | 1181.4 | 3209.261 | 4390.661 | 1842.71 | 650.26 | 2624.339 | 0.38 | 178 | 59 | 119 |
| Total | | 9266 | 1502.6 | 3489.71 | 4992.361 | 1933.56 (40.77%) | 674.56 (13.51%) | 2843.939 | 23.38 | 1419 | 793 | 626 |

*Desired Future Conditions (DFC) is the description of how the aquifer should look in the future (60 years).

**The Modeled Available Groundwater (MAG) is the estimated amount of water available for permitting assigned to Clearwater UWCD by the Executive Administrator of TWDB.

***Pending applications

Big Elm RV Resort N2-22-003P (23.00 ac-ft/yr)

Ken Baumgardner N3-23-003P (0.38 ac-ft/yr)

**CUWCD Exempt Well
Estimate of Use Report**



CUWCD Exempt Well Use Summary

As of: 2/9/2023

| 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 Exempt Well Use |
|------------------------------|---|---------------------------|---|--|------------------------|--|---|--|---|------------------------------|
| Glen Rose (Upper Trinity) | 426 | 349 | 102,103 | 114 | 77 | 66,528 | 75 | 168,631 | 189 | |
| Hensell (Middle Trinity) | 972 | 911 | 417,446 | 468 | 61 | 52,704 | 59 | 470,150 | 527 | |
| Hosston (Lower Trinity) | 159 | 148 | 43,299 | 49 | 11 | 9,504 | 11 | 52,803 | 59 | |
| Trinity (Total) ⁶ | 1,557 | 1,408 | 562,848 | 630 | 149 | 128,736 | 144 | 691,584 | 775 | 1,419 |
| Edwards BFZ | 846 | 715 | 209,180 | 234 | 131 | 113,184 | 127 | 322,364 | 361 | 825 |
| Edwards Equivalent | 485 | 386 | 112,928 | 126 | 99 | 85,536 | 96 | 198,464 | 222 | |
| Buda | 28 | 15 | 4,388 | 5 | 13 | 11,232 | 13 | 15,620 | 17 | |
| Lake Waco | 8 | 3 | 878 | 1 | 5 | 4,320 | 5 | 5,198 | 6 | |
| Austin Chalk | 226 | 141 | 41,251 | 46 | 85 | 73,440 | 82 | 114,691 | 128 | |
| Ozan | 161 | 114 | 33,352 | 37 | 47 | 40,608 | 45 | 73,960 | 83 | |
| Pecan Gap | 67 | 44 | 12,873 | 14 | 23 | 19,872 | 22 | 32,745 | 37 | |
| Kemp | 15 | 11 | 3,218 | 4 | 4 | 3,456 | 4 | 6,674 | 7 | |
| Alluvium | 584 | 377 | 110,295 | 124 | 207 | 178,848 | 200 | 289,143 | 324 | |
| Other ⁵ | 1,574 | 1,091 | 319,183 | 358 | 483 | 417,312 | 467 | 736,495 | 825 | |
| CUWCD Total Active | 3,977 | 3,214 | 1,091,212 | 1,222 | 763 | 659,232 | 738 | 1,750,444 | 1,961 | |

- Domestic use estimate assumes 106 gallons/person per day (USGS estimate of domestic use outside of a municipal water system) and 2.76 persons/household (U.S. Census Bureau, Population Estimates Program (PEP) July 1, 2019)
- Benjamin G. Wherley, Ph.D. Associate Professor- Turfgrass Science & Ecology Dept. of Soil and Crop Sciences Texas A&M University estimate of 2,000ft² warm season turfgrass requires 38,855gal/yr/lawn or 106gal/day/lawn; "Ranchette" Avg. lawn size is 13,042ft², 6.5X larger; 6.5 X 106gal/day/lawn= 689gal/day/lawn; ~217 "Ranchette" Middle Trinity Wells; 689 X 217=an additional 150,924gal/day/lawn; **490ac-ft/yr or an 89% increase in Middle Trinity exempt well use from the 2018 estimate of 258ac-ft/yr.**
- Exempt well use estimate factors out all plugged, capped, monitor and inactive wells in the database.
- Source of stock water estimates is Texas Agrilife Extension @ 18 gallons water per day per cow. Livestock water use estimates are based on the 2017 Census of Agriculture, USDA National Agricultural Statistics Service. 36,868 cows / 771 stock wells= 48 cows/stock well; 48* 18gpd= 846 gal/day/stock well, **747ac-ft/yr or a 34% increase in annual stock use from the 2018 estimate of 556ac-ft/yr.**
- The "Other" designation is the total of minor aquifer and alluvium source designation of the exempt wells.
- Trinity Aquifer wells registered with unknown depth are assigned to the Middle Trinity per Board decision.
- 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.

**City of Temple
c/o INTERA
Application Documentation**

June 5, 2023

Mr. Dirk Aaron
General Manager
Clearwater Underground Conservation District
700 Kennedy Court
Belton Texas 76513

Re: Application for Non-Exempt Well: Drilling Permit

Dear Mr. Aaron,

The City of Temple [City] is applying to Clearwater Underground Conservation District [District] for a drilling permit for a non-exempt well. This well is to supply an industrial user in an area located in the southeast portion of Temple (Figure 1). INTERA has been hired by the City to help support this process, and provides this cover letter to partially meet the requirements of the application. The purpose is to describe the proposed beneficial use of the groundwater and specifically identify the anticipated needs.

An industrial partner, Rowan Green Data, is constructing a data center with specific water use requirements. The water will be used for the purposes of cooling, and will be recycled three to four times before the remaining water is discharged. Rowan has a strong commitment to environmental stewardship and recognizes the value of water reuse and water conservation. We believe that their proposed use of the groundwater meets the standard for beneficial use as defined in District rules (Rule 1.1 Definition of Terms).

The City is a large water supplier, and currently provides treated surface water for municipal and industrial needs in the City. The City is rapidly expanding its infrastructure to meet growing needs for both the municipal and industrial sectors. However, the location of Rowan's data center is beyond the current reach of the City's larger water infrastructure. The City does have plans to extend industrial supplies to that area. KPA Engineers performed a study for the City to provide approximate budget and timelines for water supply expansions to meet the needs of several "South Temple Water Supply Projects". The timeline for completion of this expansion is on the order of 2029/2030 at a cost of over 30 million dollars. While the City may have sufficient overall water supply to meet Rowan's needs, the timeline over which an industrial capacity supply will be brought to that area cannot meet Rowan's schedule. The City of Temple is almost finished with bringing potable water and wastewater infrastructure to the site, but the small potable water supply will mostly be used for facilities (drinking and bathrooms).

The City views this addition of groundwater to its water portfolio as a small, but important diversification. They recognize that groundwater is a limited resource, and are asking only the amount of water required to meet the specific demands of the data center. Rowan's engineers have estimated the annual cooling water requirement to be 77,822,380 gallons, and the peak demand to be 829,512 gallons per day. This converts to an annual requirement of 239 acre-feet per year, and a peak daily production

rate of 576 gpm (in the permit, we note a peak potential withdrawal rate of 800 gpm, which represents peak instantaneous production). Rowan's backup calculations for annual use are available to the District upon request.

The proposed well location is in the District's Lower Trinity Eastern management zone. The proposed column pipe diameter is 8 inches. Figure 2 shows the nearest two existing Lower Trinity wells, each located at a distance much greater than the District's required 2,640 feet, meeting the spacing rules. The property upon which the well is located (Figure 1) is 45.3 acres, meeting the requirements for property size for an 8 inch column.

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

Sincerely,

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

CC: jbilleck@templetx.gov

Enclosure: N3_Application_rev239.pdf
TEDC Authorization for COT to build well.pdf

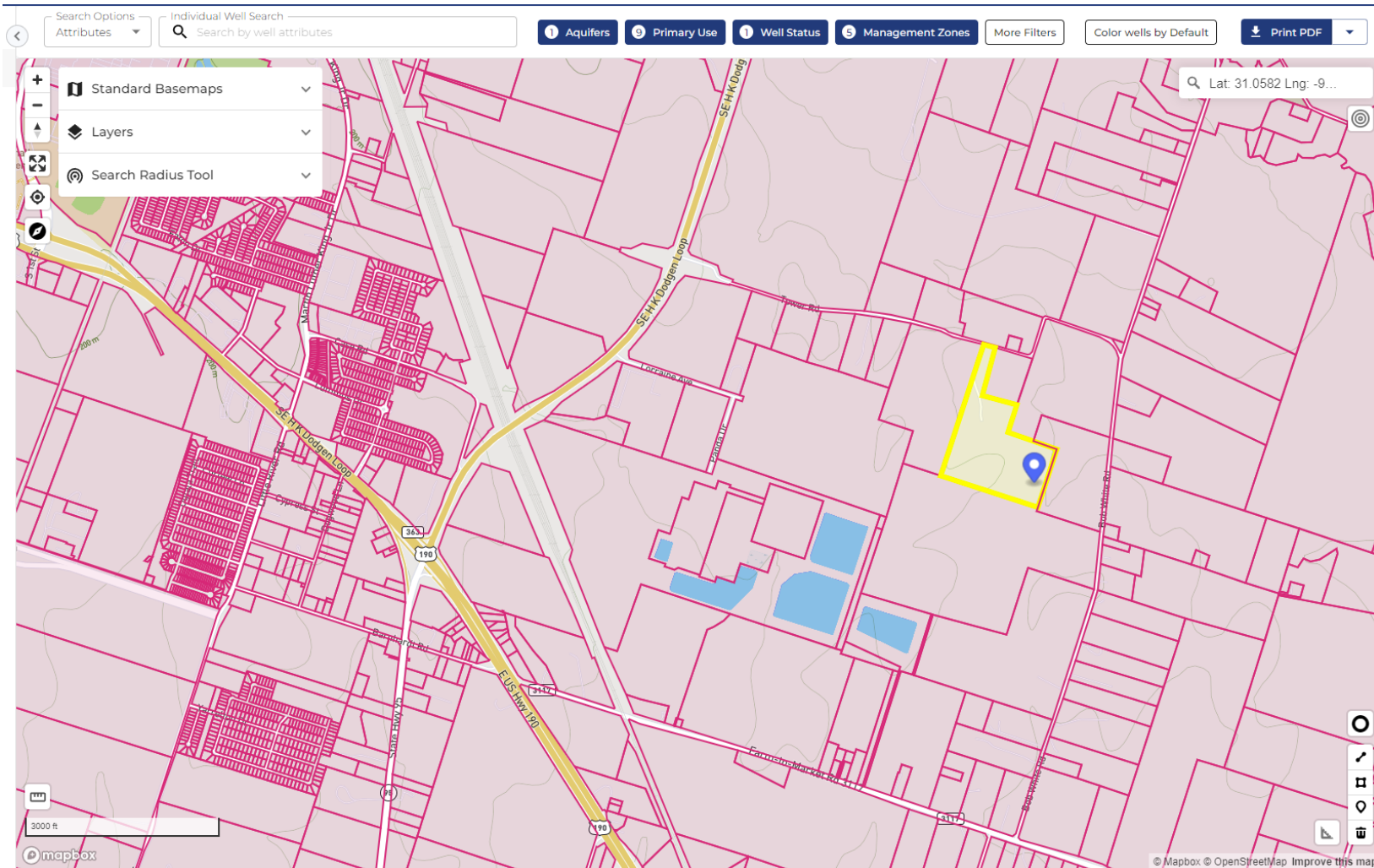


Figure 1. Proposed well location on Bell CAD Property ID# 91503, about one mile east-northeast of the Panda Temple II Power plant. The property area is 45 acres.

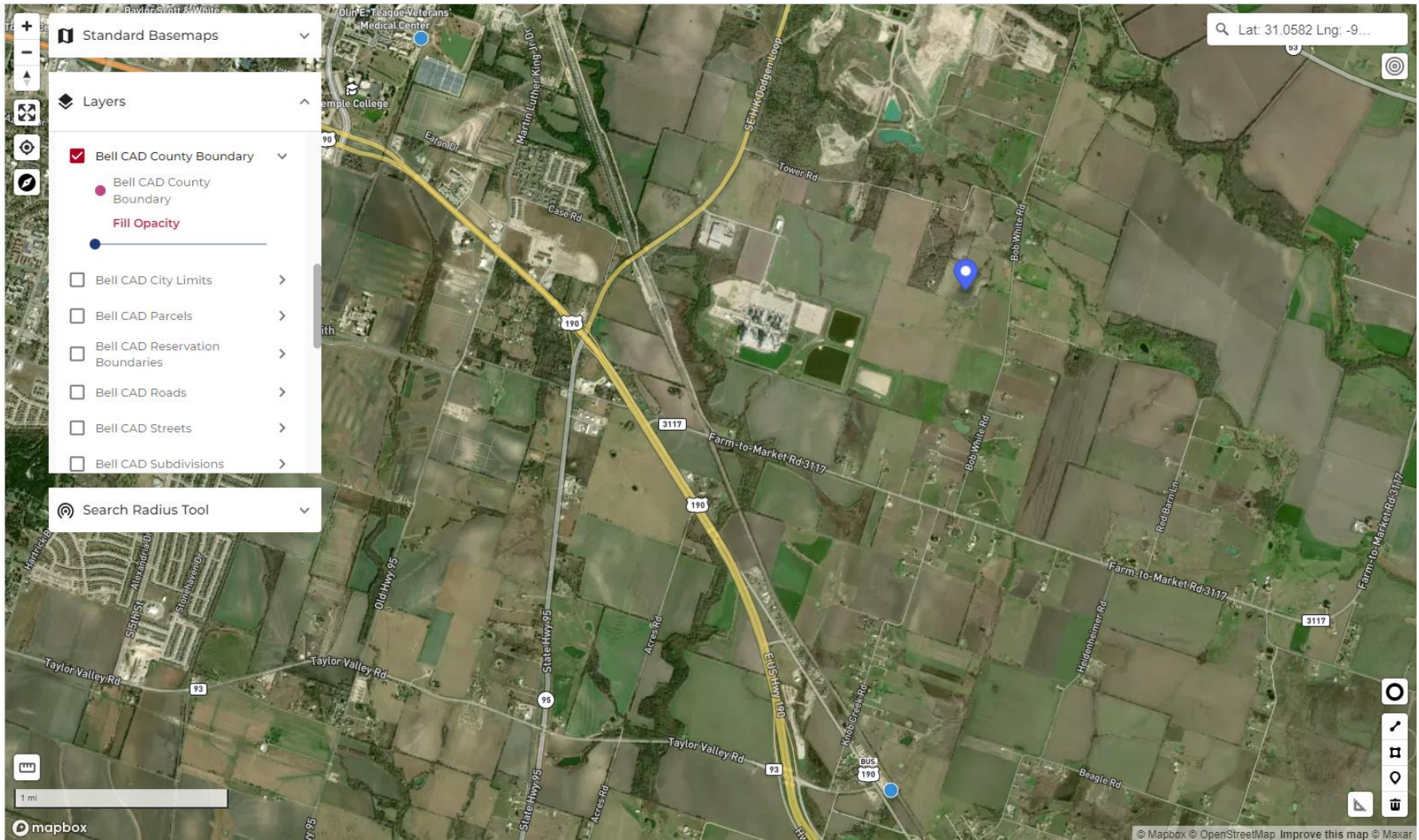


Figure 2. Proposed well location (dark blue pin) shown with nearest two Lower Trinity wells (blue symbols), both at a distance much greater than 2,640 feet.

**Authorization
Temple EDC to City of Temple**

Authorization for Underground Well

Temple Economic Development Corporation (TEDC), a Texas non-profit corporation, is the owner of land described as 45.33-acres situated in the MAXIMO MORENO SURVEY, ABSTRACT 14, Bell County, Texas, embracing all of a called 45-acre tract conveyed to William K. Payne and William Michael Payne, Trustees, in Volume 3565, Page 36, Official Public Records of Real Property, Bell County, Texas and described by metes and bounds and conveyed in a Deed to Temple Economic Development Corporation, Document Number 2021064234, Official Public Records of Real Property, Bell County, Texas. The property is addressed as 4331 Tower Road, Temple, Texas and has Bell County Tax Appraisal District ID Number 91503 (Property).

TEDC agrees that it is necessary to drill and construct an underground water well on the Property in order to provide water to industrial complexes in the vicinity of the Property.

TEDC grants the City of Temple, Texas, a home-rule municipality, (City) permission to drill and construct a well on the Property.

TEDC authorizes the City to act on its behalf to apply for all permits required by Clearwater Underground Water Conservation District (CUWCD) for drilling and construction of the well.

TEDC authorizes the City to directly communicate with CUWCD regarding this Property, the well, and all necessary applications, permits, and any other required documentation for the well.

TEMPLE ECONOMIC DEVELOPMENT
CORPORATION, a Texas non-profit corporation

By: _____

Adrian Cannady
President

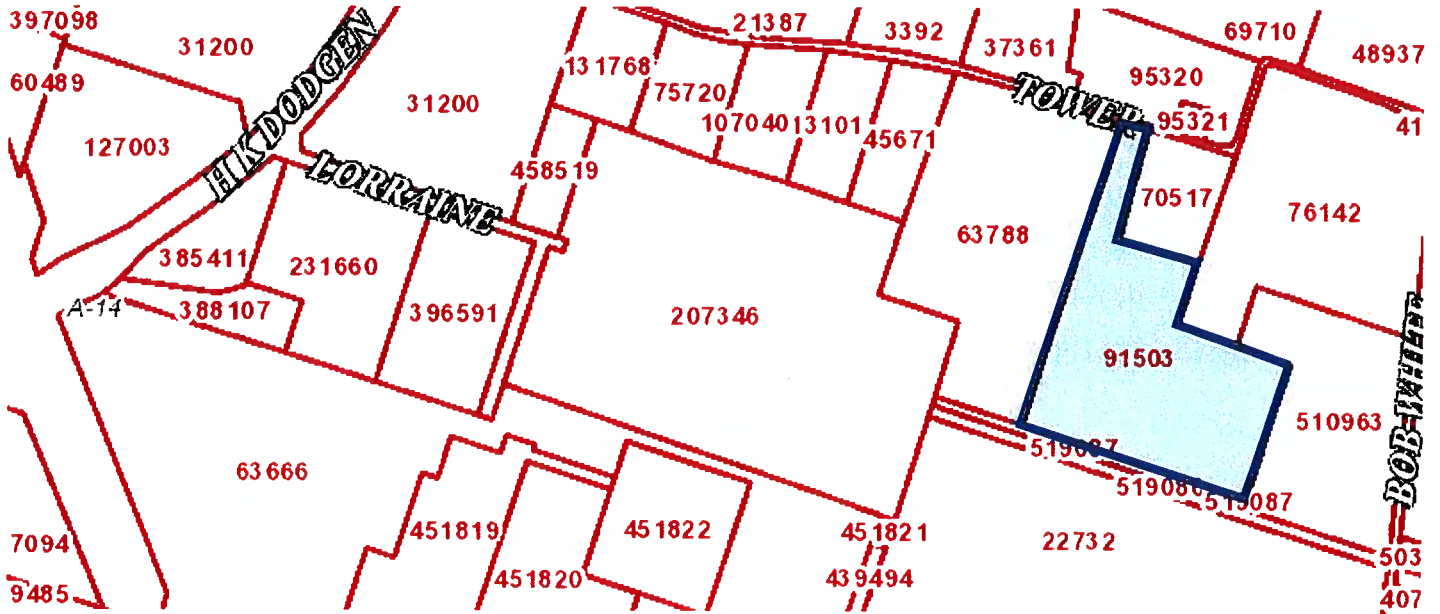
Date: _____

May 30, 2023

Tax Appraisal District of Bell County Property Search

Property ID: 91503 For Year 2023

Map



Property Details

Account

Property ID: 91503 Geographic ID: 0458650000
Type: Real Zoning:

Location

Situs Address: 4331 TOWER RD TEMPLE, TX 76501

Map ID: 49A01 A31 Mapsco:

Legal Description: A0014BC M MORENO, 276 & 276-1, ACRES 45.33, SN1 NOT FOUND; LABEL# NOT FOUND

Abstract/Subdivision: A0014BC - M MORENO

Neighborhood: RTEMRUTRES

Owner

Owner ID: 106734
Name: TEMPLE ECONOMIC DEVELOPMENT CORPORATION

Agent:

Mailing Address: 201 W AVENUE A STE 103
TEMPLE, TX 76501-7603

% Ownership: 100.0%

**CUWCD Application Form
N3 Classification
Drilling Permit for Hosston Layer**

Check one of the following:

- COMBINATION PERMIT**
- DRILLING PERMIT**
- OPERATING PERMIT**
- PERMIT AMENDMENT**

Answer the following:

- | | | |
|---|-----|----|
| Is this for a New Well? | Yes | No |
| Is this for a Replacement Well? | Yes | No |
| Do you plan to Export Water Outside District? | Yes | No |
| Are you modifying a Drilling Permit? | Yes | No |
| Are you modifying an Operating Permit? | Yes | No |

1. Owner Information

Well Owner: _____ Email: _____ Telephone: _____
 Address (Street/P.O. Box, City, State, ZIP): _____
 Contact Person (if other than owner): _____ Telephone: _____
 If ownership of Well has changed, name the previous owner: _____ State Well #: _____

2. Property Location & Proposed Well Location

Owner of Property (if different from Well Owner): _____
 The well is located in Management Zone: _____
 Acreage: _____ Bell CAD Property ID #: _____ Latitude: _____ Longitude: _____

3. Well Description (Submit if State of Texas Well Report is Available)

- a. Proposed use of well and estimated amount of water, **in acre-feet**, to be used for each purpose:
 _____ *Domestic; _____ Livestock/Poultry; _____ Agricultural/Irrigation;
 _____ ** Public Supply; _____ Industrial _____ Other
 *Total number of houses to be serviced by the well _____.
 ** Applicant is 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.
- b. Estimated distance, **in feet**, from the nearest:
 _____ N / S Property Line; _____ E / W Property Line; _____ Existing Septic Leach Field
 _____ River, Stream, or Lake; _____ Existing Water Well; _____ Livestock Enclosure;
 _____ Other Source of Contamination (cemetery, pesticide mixing/loading, petroleum storage tank, etc.)
- c. **Estimated Rate of Withdrawal (GPM):** _____
- d. **Is the Property subject to flooding?**
- e. **Is there another well on the property?** ; If YES, how many wells? _____
- f. **Is the well part of a multi-well aggregate system?**
 If YES, list the State or District Well Numbers: _____

REQUIRED BY LAW: Pump Installer / Well Driller Information

Name: _____ Street Address: _____
 TDLR Pump Installer License #: _____ City, State, ZIP: _____
 TDLR Well Driller License #: _____ Phone: _____ Fax: _____
 Email: _____

Name of Consultant preparing Application (if applicable): _____
 Con. Phone: _____ Con. Fax: _____ Con. Email: _____

4. Completion Information

Provide the following information to the extent known and available at the time of application:

Proposed Total Depth of Well: _____ ft;
Borehole Diameter (Dia): _____ inches (in) from _____ to _____;
Dia (2) _____ in from _____ to _____;
Casing Material: _____; Inside Diameter (ID): _____ in;
Screen Type: _____; Screen Dia. _____ in from _____ to _____; # of Packers: _____
Pump Type: _____; **Power:** _____; **Horsepower Rating:** _____;
Pump Depth: _____; **Column Pipe ID:** _____ in.
Date Completed: _____
Proposed Water Bearing Formation: _____; **Management Zone:** _____

5. Operating Permit

Number of contiguous acres owned or leased on which water is to be produced: _____ acres
Total annual production requested with this operating permit: _____ acre-feet
If exporting water, what is the annual volume requested for export out of the District: _____ Gallons
What is the annual volume requested for export as a % of total pumpage: _____ %
If modifying an operating permit, what is the current, permitted annual production: _____ ac-ft
What is the requested amount of annual production: _____ ac-ft

6. Attachments

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 operating permits 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.

7. 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: _____

Signature: _____ Date: _____

4. Completion Information

Provide the following information to the extent known and available at the time of application:

Proposed Total Depth of Well: 2900 ft;
Borehole Diameter (Dia): 20 inches (in) from 0 to 2900 ;
Dia (2) _____ in from _____ to _____ ;
Casing Material: Steel ; **Inside Diameter (ID):** 14 in;
Screen Type: SS Wire Wrap ; **Screen Dia.** 14 in from 2400 to 2900 ; **# of Packers:** _____
Pump Type: Turbine ; **Power:** Electric ; **Horsepower Rating:** 200 ;
Pump Depth: 750 ; **Column Pipe ID:** 8 in.
Date Completed: TBD
Proposed Water Bearing Formation: Lower Trinity ; **Management Zone:** Eastern

5. Operating Permit

Number of contiguous acres owned or leased on which water is to be produced: 45.3 acres
Total annual production requested with this operating permit: 239 acre-feet
If exporting water, what is the annual volume requested for export out of the District: N/A Gallons
What is the annual volume requested for export as a % of total pumpage: _____ %
If modifying an operating permit, what is the current, permitted annual production: N/A ac-ft
What is the requested amount of annual production: _____ ac-ft

6. Attachments

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 operating permits 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.

7. 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
DN: cn=Neil Deeds, o=INTERA, ou, email=ndeeds@intera.com,
c=US
Date: 2023.06.05 14:30:06 -05'00'

Date: 6/5/23

**Permit Fee Schedule
Drilling Permit
239 ac-ft from Hosston Layer
Trinity Aquifer**

Clearwater Underground Water Conservation

PO Box 1989
Belton, TX 76513

Invoice

Invoice #: 193
Invoice Date: 6/19/2023
Due Date: 6/19/2023
Project:
P.O. Number:

Bill To:
City of Temple
Attn: James Billeck

| Date | Description | Amount |
|-----------|--------------------------------------|----------|
| 6/19/2023 | Permit Application Fee N3-23-004P | 3,017.50 |

| | |
|-------------------------|-------------------|
| Total | \$3,017.50 |
| Payments/Credits | \$0.00 |
| Balance Due | \$3,017.50 |

Permit Fee Schedule



| Title | Annual Withdrawal (ac-ft) | Withdrawal Limit Condition | Drilling Permit Base Fee | Drilling Permit Progressive Fee | Progressive Fee Unit | Operating Permit Base Fee | Operating Permit Progressive Fee | Progressive Fee Unit |
|-----------|---------------------------|------------------------------------|--------------------------|---------------------------------|----------------------|---------------------------|----------------------------------|----------------------|
| Level I* | 0 | Up to and including 1 ac-ft | \$ 150.00 | \$ - | - | \$ - | \$ - | - |
| Level II* | 1 | Up to but not including 5 ac-ft | \$ 150.00 | \$ 210.00 | per ac-ft | \$ - | \$ - | - |
| Level III | 5 | Up to but not including 130 ac-ft | \$ 400.00 | \$ 15.00 | per ac-ft | \$ 600.00 | \$ 20.00 | per ac-ft |
| Level IV | 130 | Equal to or Greater than 130 ac-ft | \$ 2,200.00 | \$ 7.50 | per ac-ft | \$ 3,300.00 | \$ 10.00 | per ac-ft |

* Level I and Level II use a Combination Permit, the Combination Permit fees are listed under Drilling Fees

Enter Your Proposed Withdrawal in ac-ft:

The above amount requires a **Two-Step Permit ****

*A Combination Permit covers both drilling and operating a well

**A Two-Step Permit requires 1 drilling permit and 1 operating permit

Combined Permit Cost: n/a

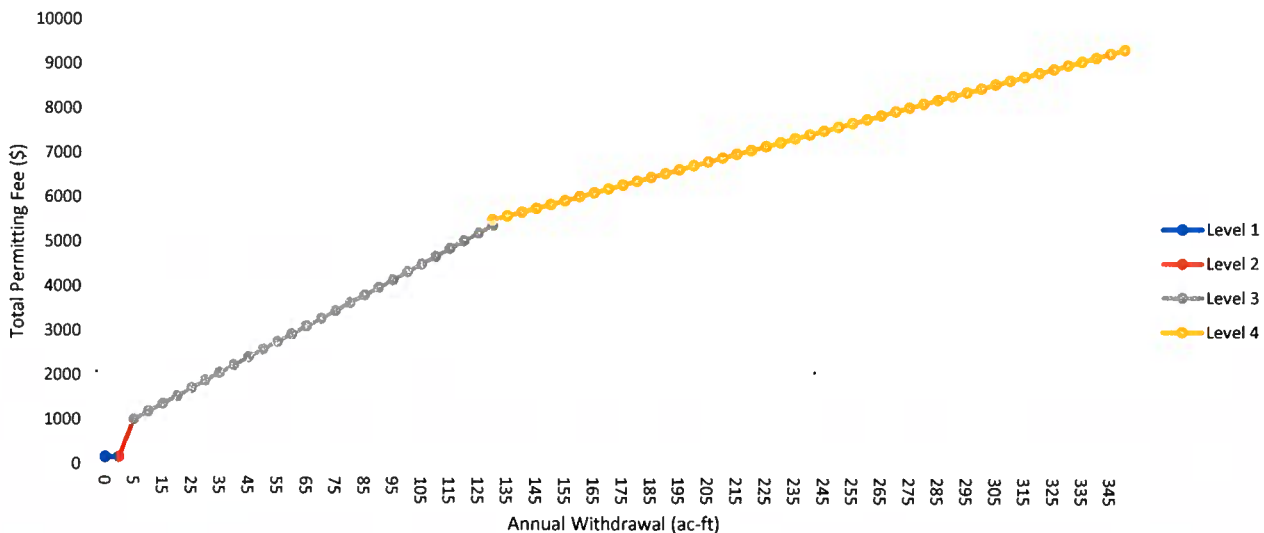
Two-Step Permit Cost:

| | Maximum |
|---|--------------|
| Drilling Permit Cost: \$ 3,017.50 | \$ 7,500.00 |
| Operating Permit Cost: \$ 4,390.00 | \$ 10,000.00 |
| Total Cost to Permit: \$ 7,407.50 | \$ 17,500.00 |

| Table of Fees | | | |
|---------------|--------------|--------------|---------------|
| ac-ft | Combined Fee | Drilling Fee | Operating Fee |
| 0.5 | \$ 150.00 | - | - |
| 1 | \$ 150.00 | - | - |
| 2 | \$ 360.00 | - | - |
| 3 | \$ 570.00 | - | - |
| 4 | \$ 780.00 | - | - |
| 5 | \$ 1,000.00 | \$ 400.00 | \$ 600.00 |
| 30 | \$ 1,875.00 | \$ 750.00 | \$ 1,125.00 |
| 55 | \$ 2,750.00 | \$ 1,100.00 | \$ 1,650.00 |
| 80 | \$ 3,625.00 | \$ 1,450.00 | \$ 2,175.00 |
| 105 | \$ 4,500.00 | \$ 1,800.00 | \$ 2,700.00 |
| 130 | \$ 5,500.00 | \$ 2,200.00 | \$ 3,300.00 |
| 155 | \$ 5,937.50 | \$ 2,375.00 | \$ 3,562.50 |
| 180 | \$ 6,375.00 | \$ 2,550.00 | \$ 3,825.00 |
| 205 | \$ 6,812.50 | \$ 2,725.00 | \$ 4,087.50 |
| 230 | \$ 7,250.00 | \$ 2,900.00 | \$ 4,350.00 |
| Your Fee | | | |
| 239 | \$ 7,407.50 | \$ 3,017.50 | \$ 4,390.00 |

How do I use this tool?

1. Enter your proposed withdrawal amount (in ac-ft) in the blue rectangle cell above
2. The tool will tell you whether your withdrawal amount requires a **Combination Permit** or a **Two-Step Permit**
3. The cell(s) highlighted in green show how much a permit for your proposed withdrawal amount will cost **BEFORE** the cost maximum is applied.
4. The cells in the "Your Fee" section, under the Table of Fees, shows the same permit cost **AFTER** the cost maximum is applied
5. Below is a graphic representation of Clearwater's schedule of fees



**Rowan Digital Infrastructure
Quantifiable Needs Assessment**



6/16/2023

Mr. Dirk Aaron
General Manager
Clearwater Underground Water Conservation District
P.O. Box 1989
Belton, Texas 76513
254.933.0120

RE: Synergy Well Application – Quantifiable Needs Assessment

Dear Mr. Aaron,

In response to your email correspondence dated June 8, 2023, Rowan has evaluated the anticipated water demand for the Synergy Well on an annualized basis. A daily water demand report has been prepared and is attached for your review and use. Estimated water demand values are based on engineering design requirements for the Moriah I project and operational experience at similar facilities. Key water demand criteria are summarized in the table below:

| <i>Synergy Well Water Demand Technical Needs Assessment</i> | |
|---|-------------------|
| Total annual demand (gallons/year) | 77,822,380 |
| Average day demand (gallons/day) | 676,716 |
| Days per year when no water is used (days) | 115 |
| Peak day demand (gallons/day) | 829,512 |
| Peak hour demand (gallons/day) | 66,725 |
| Peak minute demand (gallons/minute) | 1,200 |

Additional information will be provided to you concerning the infrastructure and public water concerns voiced in your June 8, 2023, email that will be supplied by the City of Temple in a separate correspondence.

Should you have any questions concerning the attached report, I can be reached by email or by cell phone.

Best regards,

Kyle Hoover, P.E., P.G. (P.E. – NC, VA; P.G. – NC, TN)
ROWAN GREEN DATA LLC
Senior Manager – Civil Engineering
(m) 704.898-1636
(e) khoover@rowan.digital

Attachments: Moriah I Daily Water Demand Report.pdf

| Day - Month | Estimated Daily Water Usage (Gallons) |
|-------------|--|
| 1-Jan | 0 |
| 2-Jan | 70,465 |
| 3-Jan | 0 |
| 4-Jan | 0 |
| 5-Jan | 0 |
| 6-Jan | 0 |
| 7-Jan | 0 |
| 8-Jan | 0 |
| 9-Jan | 0 |
| 10-Jan | 0 |
| 11-Jan | 0 |
| 12-Jan | 0 |
| 13-Jan | 0 |
| 14-Jan | 0 |
| 15-Jan | 0 |
| 16-Jan | 0 |
| 17-Jan | 0 |
| 18-Jan | 0 |
| 19-Jan | 0 |
| 20-Jan | 0 |
| 21-Jan | 0 |
| 22-Jan | 0 |
| 23-Jan | 0 |
| 24-Jan | 0 |
| 25-Jan | 0 |
| 26-Jan | 25,137 |
| 27-Jan | 0 |
| 28-Jan | 0 |
| 29-Jan | 0 |
| 30-Jan | 0 |
| 31-Jan | 0 |
| 1-Feb | 0 |
| 2-Feb | 0 |
| 3-Feb | 0 |
| 4-Feb | 0 |
| 5-Feb | 0 |
| 6-Feb | 0 |
| 7-Feb | 0 |
| 8-Feb | 0 |
| 9-Feb | 0 |
| 10-Feb | 59,230 |

| Day - Month | Estimated Daily Water Usage (Gallons) |
|-------------|---------------------------------------|
| 11-Feb | 0 |
| 12-Feb | 49,344 |
| 13-Feb | 257,653 |
| 14-Feb | 103,461 |
| 15-Feb | 0 |
| 16-Feb | 0 |
| 17-Feb | 0 |
| 18-Feb | 173,843 |
| 19-Feb | 0 |
| 20-Feb | 0 |
| 21-Feb | 0 |
| 22-Feb | 0 |
| 23-Feb | 0 |
| 24-Feb | 0 |
| 25-Feb | 0 |
| 26-Feb | 0 |
| 27-Feb | 0 |
| 28-Feb | 0 |
| 1-Mar | 0 |
| 2-Mar | 0 |
| 3-Mar | 0 |
| 4-Mar | 169,211 |
| 5-Mar | 297,262 |
| 6-Mar | 173,537 |
| 7-Mar | 199,653 |
| 8-Mar | 0 |
| 9-Mar | 0 |
| 10-Mar | 0 |
| 11-Mar | 0 |
| 12-Mar | 0 |
| 13-Mar | 0 |
| 14-Mar | 23,740 |
| 15-Mar | 0 |
| 16-Mar | 67,362 |
| 17-Mar | 159,785 |
| 18-Mar | 278,408 |
| 19-Mar | 150,140 |
| 20-Mar | 165,652 |
| 21-Mar | 120,620 |
| 22-Mar | 202,634 |
| 23-Mar | 37,882 |

| Day - Month | Estimated Daily Water Usage (Gallons) |
|-------------|--|
| 24-Mar | 39,584 |
| 25-Mar | 41,693 |
| 26-Mar | 123,370 |
| 27-Mar | 0 |
| 28-Mar | 0 |
| 29-Mar | 0 |
| 30-Mar | 0 |
| 31-Mar | 0 |
| 1-Apr | 30,087 |
| 2-Apr | 20,082 |
| 3-Apr | 158,364 |
| 4-Apr | 153,979 |
| 5-Apr | 0 |
| 6-Apr | 0 |
| 7-Apr | 102,451 |
| 8-Apr | 234,555 |
| 9-Apr | 226,022 |
| 10-Apr | 89,273 |
| 11-Apr | 105,452 |
| 12-Apr | 199,761 |
| 13-Apr | 149,062 |
| 14-Apr | 351,250 |
| 15-Apr | 253,820 |
| 16-Apr | 144,842 |
| 17-Apr | 85,336 |
| 18-Apr | 118,259 |
| 19-Apr | 172,668 |
| 20-Apr | 103,021 |
| 21-Apr | 106,782 |
| 22-Apr | 215,013 |
| 23-Apr | 155,974 |
| 24-Apr | 99,470 |
| 25-Apr | 318,423 |
| 26-Apr | 234,399 |
| 27-Apr | 415,191 |
| 28-Apr | 137,073 |
| 29-Apr | 276,637 |
| 30-Apr | 322,927 |
| 1-May | 106,728 |
| 2-May | 126,790 |
| 3-May | 73,453 |

| Day - Month | Estimated Daily Water Usage (Gallons) |
|-------------|--|
| 4-May | 146,377 |
| 5-May | 236,241 |
| 6-May | 320,433 |
| 7-May | 259,050 |
| 8-May | 0 |
| 9-May | 155,185 |
| 10-May | 272,882 |
| 11-May | 255,580 |
| 12-May | 204,624 |
| 13-May | 316,234 |
| 14-May | 236,131 |
| 15-May | 364,963 |
| 16-May | 100,126 |
| 17-May | 252,814 |
| 18-May | 298,899 |
| 19-May | 314,238 |
| 20-May | 346,938 |
| 21-May | 580,689 |
| 22-May | 581,541 |
| 23-May | 478,670 |
| 24-May | 469,035 |
| 25-May | 448,601 |
| 26-May | 299,910 |
| 27-May | 408,266 |
| 28-May | 323,590 |
| 29-May | 192,909 |
| 30-May | 231,608 |
| 31-May | 343,325 |
| 1-Jun | 571,262 |
| 2-Jun | 378,750 |
| 3-Jun | 428,205 |
| 4-Jun | 404,318 |
| 5-Jun | 147,918 |
| 6-Jun | 275,637 |
| 7-Jun | 398,694 |
| 8-Jun | 385,147 |
| 9-Jun | 450,567 |
| 10-Jun | 336,370 |
| 11-Jun | 497,862 |
| 12-Jun | 484,912 |
| 13-Jun | 252,071 |

| Day - Month | Estimated Daily Water Usage (Gallons) |
|-------------|--|
| 14-Jun | 321,317 |
| 15-Jun | 175,186 |
| 16-Jun | 366,913 |
| 17-Jun | 372,824 |
| 18-Jun | 413,067 |
| 19-Jun | 475,161 |
| 20-Jun | 464,941 |
| 21-Jun | 467,299 |
| 22-Jun | 513,289 |
| 23-Jun | 526,700 |
| 24-Jun | 448,867 |
| 25-Jun | 529,027 |
| 26-Jun | 405,371 |
| 27-Jun | 451,418 |
| 28-Jun | 485,192 |
| 29-Jun | 476,772 |
| 30-Jun | 523,027 |
| 1-Jul | 422,341 |
| 2-Jul | 372,046 |
| 3-Jul | 432,074 |
| 4-Jul | 449,685 |
| 5-Jul | 333,166 |
| 6-Jul | 260,402 |
| 7-Jul | 447,001 |
| 8-Jul | 600,120 |
| 9-Jul | 630,531 |
| 10-Jul | 676,214 |
| 11-Jul | 665,930 |
| 12-Jul | 739,251 |
| 13-Jul | 585,583 |
| 14-Jul | 437,945 |
| 15-Jul | 490,340 |
| 16-Jul | 564,111 |
| 17-Jul | 631,380 |
| 18-Jul | 669,535 |
| 19-Jul | 666,372 |
| 20-Jul | 666,971 |
| 21-Jul | 545,177 |
| 22-Jul | 625,892 |
| 23-Jul | 634,499 |
| 24-Jul | 673,884 |

| Day - Month | Estimated Daily Water Usage (Gallons) |
|---------------|--|
| 25-Jul | 624,527 |
| 26-Jul | 718,295 |
| 27-Jul | 729,904 |
| 28-Jul | 829,512 |
| 29-Jul | 541,067 |
| 30-Jul | 378,018 |
| 31-Jul | 278,991 |
| 1-Aug | 441,953 |
| 2-Aug | 468,678 |
| 3-Aug | 508,947 |
| 4-Aug | 482,673 |
| 5-Aug | 613,199 |
| 6-Aug | 396,070 |
| 7-Aug | 447,215 |
| 8-Aug | 439,324 |
| 9-Aug | 489,914 |
| 10-Aug | 401,909 |
| 11-Aug | 394,554 |
| 12-Aug | 403,142 |
| 13-Aug | 393,022 |
| 14-Aug | 408,139 |
| 15-Aug | 421,032 |
| 16-Aug | 456,594 |
| 17-Aug | 444,102 |
| 18-Aug | 327,467 |
| 19-Aug | 491,912 |
| 20-Aug | 511,691 |
| 21-Aug | 190,316 |
| 22-Aug | 192,251 |
| 23-Aug | 337,881 |
| 24-Aug | 454,071 |
| 25-Aug | 516,390 |
| 26-Aug | 603,788 |
| 27-Aug | 532,821 |
| 28-Aug | 316,078 |
| 29-Aug | 333,669 |
| 30-Aug | 453,346 |
| 31-Aug | 492,257 |
| 1-Sep | 235,998 |
| 2-Sep | 240,056 |
| 3-Sep | 441,646 |

Peak Day Demand

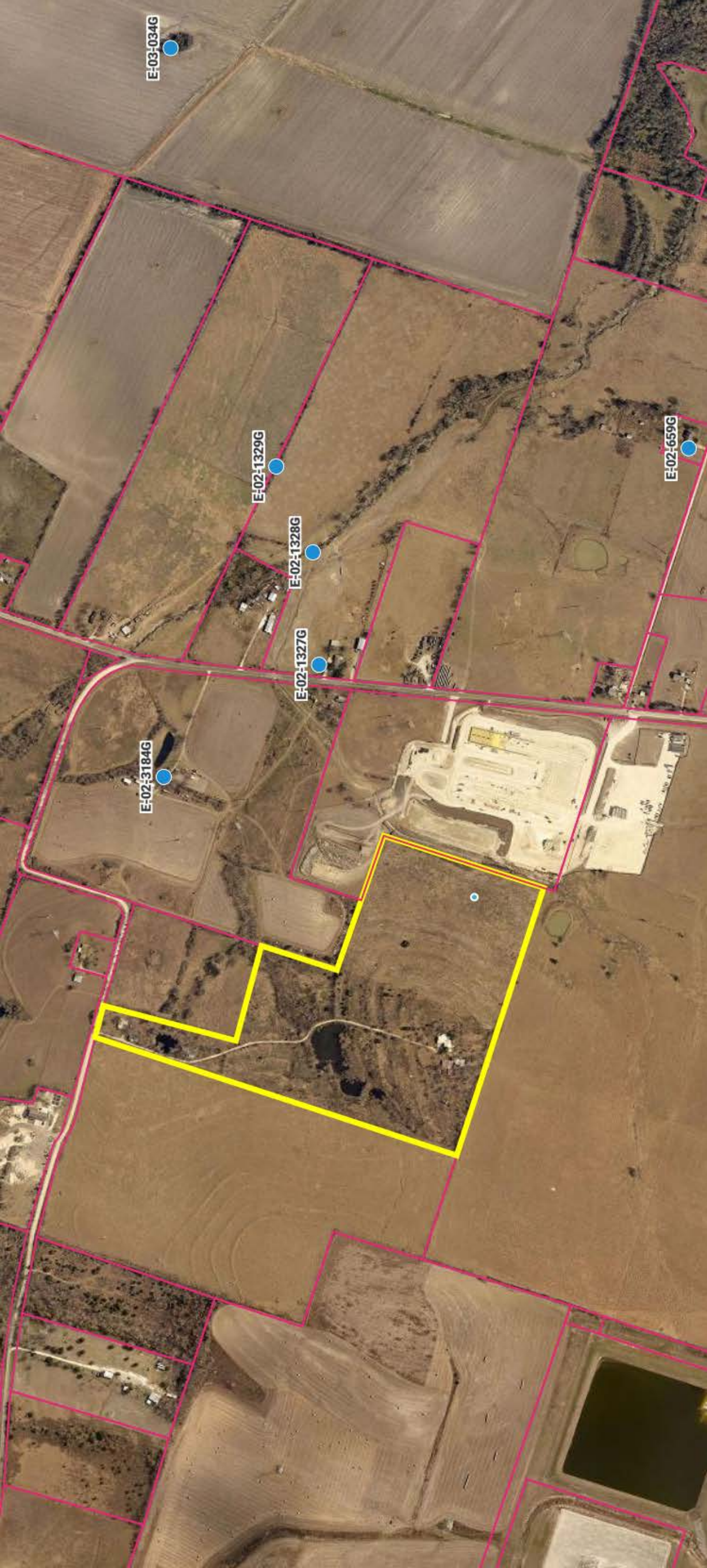
| Day - Month | Estimated Daily Water Usage (Gallons) |
|-------------|---------------------------------------|
| 4-Sep | 532,667 |
| 5-Sep | 520,315 |
| 6-Sep | 610,218 |
| 7-Sep | 504,091 |
| 8-Sep | 164,262 |
| 9-Sep | 188,001 |
| 10-Sep | 275,382 |
| 11-Sep | 199,823 |
| 12-Sep | 206,836 |
| 13-Sep | 257,709 |
| 14-Sep | 153,372 |
| 15-Sep | 234,776 |
| 16-Sep | 410,722 |
| 17-Sep | 603,241 |
| 18-Sep | 480,907 |
| 19-Sep | 441,263 |
| 20-Sep | 397,799 |
| 21-Sep | 348,163 |
| 22-Sep | 21,172 |
| 23-Sep | 278,863 |
| 24-Sep | 224,071 |
| 25-Sep | 364,563 |
| 26-Sep | 480,606 |
| 27-Sep | 412,495 |
| 28-Sep | 472,504 |
| 29-Sep | 508,736 |
| 30-Sep | 327,920 |
| 1-Oct | 383,001 |
| 2-Oct | 220,677 |
| 3-Oct | 356,391 |
| 4-Oct | 366,890 |
| 5-Oct | 373,151 |
| 6-Oct | 0 |
| 7-Oct | 257,974 |
| 8-Oct | 232,649 |
| 9-Oct | 177,087 |
| 10-Oct | 159,000 |
| 11-Oct | 189,190 |
| 12-Oct | 201,267 |
| 13-Oct | 184,142 |
| 14-Oct | 155,015 |

| Day - Month | Estimated Daily Water Usage (Gallons) |
|-------------|--|
| 15-Oct | 200,189 |
| 16-Oct | 208,490 |
| 17-Oct | 14,896 |
| 18-Oct | 0 |
| 19-Oct | 0 |
| 20-Oct | 0 |
| 21-Oct | 0 |
| 22-Oct | 0 |
| 23-Oct | 0 |
| 24-Oct | 0 |
| 25-Oct | 106,517 |
| 26-Oct | 126,555 |
| 27-Oct | 33,282 |
| 28-Oct | 71,681 |
| 29-Oct | 133,303 |
| 30-Oct | 93,430 |
| 31-Oct | 112,371 |
| 1-Nov | 0 |
| 2-Nov | 180,953 |
| 3-Nov | 267,744 |
| 4-Nov | 230,820 |
| 5-Nov | 0 |
| 6-Nov | 0 |
| 7-Nov | 122,399 |
| 8-Nov | 197,093 |
| 9-Nov | 29,036 |
| 10-Nov | 0 |
| 11-Nov | 0 |
| 12-Nov | 0 |
| 13-Nov | 139,550 |
| 14-Nov | 119,674 |
| 15-Nov | 0 |
| 16-Nov | 0 |
| 17-Nov | 0 |
| 18-Nov | 0 |
| 19-Nov | 101,386 |
| 20-Nov | 138,641 |
| 21-Nov | 97,287 |
| 22-Nov | 0 |
| 23-Nov | 0 |
| 24-Nov | 0 |

| Day - Month | Estimated Daily Water Usage (Gallons) |
|-------------|---------------------------------------|
| 25-Nov | 55,465 |
| 26-Nov | 210,848 |
| 27-Nov | 236,867 |
| 28-Nov | 0 |
| 29-Nov | 0 |
| 30-Nov | 0 |
| 1-Dec | 0 |
| 2-Dec | 0 |
| 3-Dec | 0 |
| 4-Dec | 0 |
| 5-Dec | 0 |
| 6-Dec | 145,585 |
| 7-Dec | 0 |
| 8-Dec | 0 |
| 9-Dec | 0 |
| 10-Dec | 107,783 |
| 11-Dec | 66,518 |
| 12-Dec | 139,275 |
| 13-Dec | 39,425 |
| 14-Dec | 93,944 |
| 15-Dec | 0 |
| 16-Dec | 0 |
| 17-Dec | 0 |
| 18-Dec | 0 |
| 19-Dec | 0 |
| 20-Dec | 0 |
| 21-Dec | 25,931 |
| 22-Dec | 55,820 |
| 23-Dec | 118,944 |
| 24-Dec | 0 |
| 25-Dec | 0 |
| 26-Dec | 0 |
| 27-Dec | 0 |
| 28-Dec | 0 |
| 29-Dec | 177,145 |
| 30-Dec | 0 |
| 31-Dec | 0 |

| Technical Needs Assessment | |
|-------------------------------------|------------|
| Total annual demand | 77,822,380 |
| Average day demand | 676,716 |
| Days per year when no water is used | 115 |
| Peak day demand | 829,512 |
| Peak hour demand | 66,725 |
| Peak minute demand | 1,200 |

Radius Map
Tract Size of 45.33-acres



E-03-034G

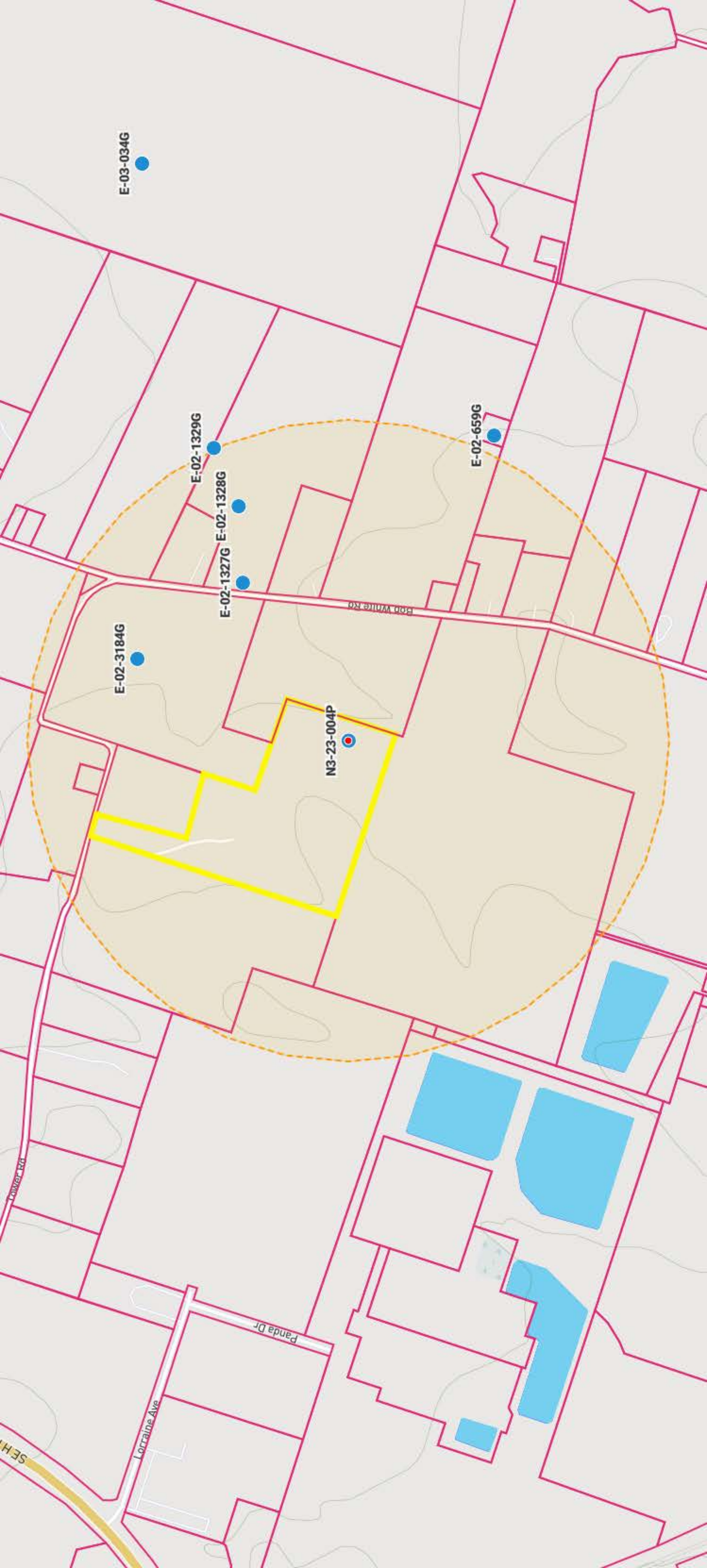
E-02-1329G

E-02-1328G

E-02-1327G

E-02-3184G

E-02-659G



E-03-034G

E-02-1329G

E-02-659G

E-02-1327G E-02-1328G

E-02-3184G

N3-23-004P

Lower Rd

Hob White Rd

Lorraine Ave

Panda Dr

SEH

**Notification Language
Well Owners
Adjacent Property Owners**

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

Neil Deeds, Ph.D., PE, PG, has submitted an application, on behalf of The City of Temple, to the Clearwater Underground Water Conservation District (CUWCD) on June 5, 2023, for a drilling permit to authorize drilling for a proposed new well.

This permit will authorize the drilling and completion of the well (#N3-23-004P) in the Eastern Management Zone described in District Rule 7.1. The proposed well is to be completed in the Lower Trinity Aquifer (Hosston Layer), with a maximum 8-inch column pipe on a 45.33-acre tract located at 4331 Tower Rd., Temple, Texas, Latitude 31.0582°/Longitude -97.3005°, to produce groundwater for industrial use at a proposed annual quantity not to exceed 239 acre-feet or 77,822,380 gallons per year total at a maximum pumping rate not-to-exceed 800 gallons per minute.

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 may be contacted at 3210 E. Avenue H Bldg. A, Suite 130, Temple, TX 76501, or by phone at 254-298-5660. The applicant's representative, Dr. Neil Deeds, can be contacted at 512-506-1230.


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):

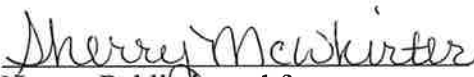
June 23, 2023

For: Neil Deeds, Ph.D., PE, PG /
City of Temple
Ad #: 16685586
Cost: \$136.30
Times Published: 1



Jane Moon
Classified Manager Inside Sales

Subscribed and sworn to before me,
this day: June 23, 2023


Notary Public in and for
Bell County, Texas

(Seal)



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

Neil Deeds, Ph.D., PE, PG, has submitted an application, on behalf of The City of Temple, to the Clearwater Underground Water Conservation District (CUWCD) on June 5, 2023, for a drilling permit to authorize drilling for a proposed new well.

This permit will authorize the drilling and completion of the well (#N3-23-004P) in the Eastern Management Zone described in District Rule 7.1. The proposed well is to be completed in the Lower Trinity Aquifer (Hosston Layer), with a maximum 8-inch column pipe on a 45.33-acre tract located at 4331 Tower Rd., Temple, Texas, Latitude 31.0582°/Longitude -97.3005°, to produce groundwater for industrial use at a proposed annual quantity not to exceed 239 acre-feet or 77,822,380 gallons per year total at a maximum pumping rate not-to-exceed 800 gallons per minute.

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 may be contacted at 3210 E. Avenue H Bldg. A, Suite 130, Temple, TX 76501, or by phone at 254-298-5660. The applicant's representative, Dr. Neil Deeds, can be contacted at 512-506-1230.



FROM CLEARWATER UNDERGROUND WATER CONSERVATION DISTRICT

Save

Share

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

8 hrs ago

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

Neil Deeds, Ph.D., PE, PG, has submitted an application, on behalf of The City of Temple, to the Clearwater Underground Water Conservation District (CUWCD) on June 5, 2023, for a drilling permit to authorize drilling for a proposed new well. This permit will authorize the drilling and completion of the well (#N3-23-004P) in the Eastern Management Zone described in District Rule 7.1. The proposed well is to be completed in the Lower Trinity Aquifer (Hosston Layer), with a maximum 8-inch column pipe on a 45.33-acre tract located at 4331 Tower Rd., Temple, Texas, Latitude 31.0582/Longitude -97.3005, to produce groundwater for industrial use at a proposed annual quantity not to exceed 239 acre-feet or 77,822,380 gallons per year total at a maximum pumping rate not-to-exceed 800 gallons per minute. This application will be set for hearing before the CUWCD Board upon notice posted at the Bell County Clerks 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 may be contacted at 3210 E. Avenue H Bldg. A, Suite 130, Temple, TX 76501, or by phone at 254-298-5660. The applicants representative, Dr. Neil Deeds, can be contacted at 512-506-1230.

June 19, 2023

NOTICE OF APPLICATION FOR DRILLING PERMIT

Name
Address
City, TX Zip

**VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

RE: Application for a Drilling Permit

To Whom It May Concern:

I, Neil Deeds, Ph.D., PE, PG, have submitted an application, on behalf of The City of Temple, to the Clearwater Underground Water Conservation District (CUWCD) on June 5, 2023, for a drilling permit to authorize drilling for a proposed new well.

This permit will authorize the drilling and completion of a well (#N3-23-004P) in the Eastern Management Zone described in District Rule 7.1. The proposed well is to be completed in the Lower Trinity Aquifer (Hosston Layer), with a maximum 8-inch column pipe on a 45.33-acre tract located at 4331 Tower Rd., Temple, Texas, Latitude 31.0582°/Longitude -97.3005°, to produce groundwater for industrial use at a proposed annual quantity not to exceed 239 acre-feet or 77,822,380 gallons per year total at a maximum pumping rate not-to-exceed 800 gallons per minute.

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 may be contacted at 3210 E. Avenue H Bldg. A, Suite 130, Temple, TX 76501, or by phone at 254-298-5660. The applicant's representative, Dr. Deeds, can be contacted at 512-506-1230.

Sincerely,

Neil Deeds, Ph.D., PE, PG
Principal Water Resources Engineer
INTERA Inc.

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Temple, TX 76501

OFFICIAL USE

| | |
|---|--------|
| Certified Mail Fee | \$4.15 |
| Extra Services & Fees (check box, add fee as appropriate) | \$3.35 |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$0.00 |
| <input type="checkbox"/> Return Receipt (electronic) | \$0.00 |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$0.00 |
| <input type="checkbox"/> Adult Signature Required | \$0.00 |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$0.00 |
| Postage | \$0.63 |
| Total Postage and Fees | \$8.13 |

Postmark Here: JUN 21 2023 BALCONES STATION AUSTIN TX 78706

06/21/2023

Send To: William Proctor
 Street and Apt. No., or PO Box No.
 4420 Tower Rd
 Temple, TX 76501

PS Form 3800, April 2015 PSN 7530-02-000-0047 See Reverse for Instructions

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Belton, TX 76513

OFFICIAL USE

| | |
|---|--------|
| Certified Mail Fee | \$4.15 |
| Extra Services & Fees (check box, add fee as appropriate) | \$3.35 |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$0.00 |
| <input type="checkbox"/> Return Receipt (electronic) | \$0.00 |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$0.00 |
| <input type="checkbox"/> Adult Signature Required | \$0.00 |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$0.00 |
| Postage | \$0.63 |
| Total Postage and Fees | \$8.13 |

Postmark Here: JUN 21 2023 BALCONES STATION AUSTIN TX 78706

06/21/2023

Send To: Joe and Keith Moore
 Street and Apt. No., or PO Box No.
 11803 Bonnie Lane
 Belton, TX 76513

PS Form 3800, April 2015 PSN 7530-02-000-0047 See Reverse for Instructions

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Temple, TX 76502

OFFICIAL USE

| | |
|---|--------|
| Certified Mail Fee | \$4.15 |
| Extra Services & Fees (check box, add fee as appropriate) | \$3.35 |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$0.00 |
| <input type="checkbox"/> Return Receipt (electronic) | \$0.00 |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$0.00 |
| <input type="checkbox"/> Adult Signature Required | \$0.00 |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$0.00 |
| Postage | \$0.63 |
| Total Postage and Fees | \$8.13 |

Postmark Here: JUN 21 2023 BALCONES STATION AUSTIN TX 78706

0128 16

06/21/2023

Send To: Theresa Lee
 Street and Apt. No., or PO Box No.
 4210 Stagecoach Trail
 Temple, TX 76502

PS Form 3800, April 2015 PSN 7530-02-000-0047 See Reverse for Instructions

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Lake Oswego, OR 97034

OFFICIAL USE

| | |
|---|--------|
| Certified Mail Fee | \$4.15 |
| Extra Services & Fees (check box, add fee as appropriate) | \$3.35 |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$0.00 |
| <input type="checkbox"/> Return Receipt (electronic) | \$0.00 |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$0.00 |
| <input type="checkbox"/> Adult Signature Required | \$0.00 |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$0.00 |
| Postage | \$0.63 |
| Total Postage and Fees | \$8.13 |

Postmark Here: JUN 21 2023 BALCONES STATION AUSTIN TX 78706

0128 16

06/21/2023

Send To: Temple Green Data LLC - Legal Dept
 Street and Apt. No., or PO Box No.
 600 A Avenue
 Lake Oswego, OR 97034

PS Form 3800, April 2015 PSN 7530-02-000-0047 See Reverse for Instructions

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Temple, TX 76501

OFFICIAL USE

| | |
|---|--------|
| Certified Mail Fee | \$4.15 |
| Extra Services & Fees (check box, add fee as appropriate) | \$3.35 |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$0.00 |
| <input type="checkbox"/> Return Receipt (electronic) | \$0.00 |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$0.00 |
| <input type="checkbox"/> Adult Signature Required | \$0.00 |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$0.00 |
| Postage | \$0.63 |
| Total Postage and Fees | \$8.13 |

Postmark Here: JUN 21 2023 BALCONES STATION AUSTIN TX 78706

06/21/2023

Send To: Beatrice Brenek
 Street and Apt. No., or PO Box No.
 2351 Bob White Rd
 Temple, TX 76501

PS Form 3800, April 2015 PSN 7530-02-000-0047 See Reverse for Instructions

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Temple, TX 76501

OFFICIAL USE

| | |
|---|--------|
| Certified Mail Fee | \$4.15 |
| Extra Services & Fees (check box, add fee as appropriate) | \$3.35 |
| <input checked="" type="checkbox"/> Return Receipt (hardcopy) | \$0.00 |
| <input type="checkbox"/> Return Receipt (electronic) | \$0.00 |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$0.00 |
| <input type="checkbox"/> Adult Signature Required | \$0.00 |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$0.00 |
| Postage | \$0.63 |
| Total Postage and Fees | \$8.13 |

Postmark Here: JUN 23 2023 BALCONES STATION AUSTIN TX 78706

06/23/2023

Send To: Temple Economic Development Corp.
 Street and Apt. No., or PO Box No.
 201 Santa Fe Way Ste 103
 Temple, TX 76501

PS Form 3800, April 2015 PSN 7530-02-000-0047 See Reverse for Instructions

From: Neil E. Deeds <ndeeds@intera.com>
Sent: Thursday, June 22, 2023 9:33 AM
To: Tristin Smith <tsmith@cuwcd.org>
Cc: Dirk Aaron <daaron@cuwcd.org>
Subject: Re: Letters and Newspaper Ad for Permit Application

| Name | Address | City | State | Zip |
|--|-----------------------|-------------|-------|-------|
| Joe Moore & Keith Moore | 11803 Bonnie Lane | Belton | TX | 76513 |
| City of Temple | PO Box 987 | Temple | TX | 76501 |
| Thresea Lee | 4210 Stagecoach Trail | Temple | TX | 76502 |
| Temple Economic Development Corporation | 201 W Ave A Ste 103 | Temple | TX | 76501 |
| Temple Green Data LLC ATTN: Legal Department | 600 A Ave | Lake Oswego | OR | 97034 |
| William Proctor | 4420 Tower Rd | Temple | TX | 76501 |
| Beatrice Brenek | 2351 Bob White Rd | Temple | TX | 76501 |

N3-23-004P Contact List

Wells 1/2 Mile

| <u>Prop ID</u> | <u>Name</u> | <u>Address</u> | <u>City</u> | <u>State</u> | <u>Zip</u> | <u>Well #</u> | <u>Status</u> | <u>Depth</u> | <u>Aquifer</u> | <u>Use</u> | <u>Distance</u> |
|----------------|-------------------------|-------------------|-------------|--------------|------------|---------------|---------------|--------------|----------------|-------------------|-----------------|
| 76142 | Joe Moore & Keith Moore | 11803 Bonnie Lane | Belton | TX | 76513 | E-02-3184G | Active | 18 | Ozan | Livestock/Poultry | 1,852 ft |
| 12894 | Beatrice Brenek | 2351 Bob White Rd | Temple | TX | 76501 | E-02-1327G | Inactive | unknown | Austin Chalk | Not Used | 1,563 ft |
| 12894 | Beatrice Brenek | 2351 Bob White Rd | Temple | TX | 76501 | E-02-1328G | Inactive | unknown | Austin Chalk | Not Used | 2,120 ft |

Adjacent Property

| | | | | | |
|--------|--|-----------------------|-------------|----|-------|
| 76142 | Joe Moore & Keith Moore | 11803 Bonnie Lane | Belton | TX | 76513 |
| 70517 | City of Temple | PO Box 987 | Temple | TX | 76501 |
| 53788 | Thresea Lee | 4210 Stagecoach Trail | Temple | TX | 76502 |
| 22732 | Temple Economic Development Corporation | 201 W Ave A Ste 103 | Temple | TX | 76501 |
| 510963 | Temple Green Data LLC ATTN: Legal Department | 600 A Ave | Lake Oswego | OR | 97034 |
| 95320 | William Proctor | 4420 Tower Rd | Temple | TX | 76501 |