

Permit Hearing - Item #7a  
Big Elm RV Resort

Gamblin Engineering Group, LLC  
Texas P.E. Firm # F-22202

19125 Adrian Way, Suite 100  
Jonestown, TX 78645

512-484-2033  
GamblinEng@gmail.com

Mr. Dirk Aaron  
General Manager  
Clearwater Underground Water Conservation District  
700 Kennedy Court  
Belton, TX 76513  
Phone: 254.933.0120; Email: [daaron@cuwcd.org](mailto:daaron@cuwcd.org)

**Subject: Drilling Permit Application for the Big Elm RV Resort proposed well on approximately 19 acres of land on the SW corner of W. Big Elm Road and I-35 in north-eastern Bell County, Texas.**

Dear Mr. Aaron:

**Gamblin Engineering Group, LLC (Gamblin Engineering)** is pleased to present this Drilling Permit Application to the Clearwater Underground Water Conservation District (CUWCD) on behalf of Big Elm RV Resort for a proposed Non-Exempt, Well Classification 2 (N2) well. The proposed well will be constructed on an approximately 19-acre tract of land located in northeastern Bell County on the SW corner of W. Big Elm Road and I-35. The property is owned by BCES EATS IV, LLC (Owned by Greg and Trisha Davis) and lies in the City of Troy's CCN. Groundwater allocated to this project will be utilized to service a proposed RV Park which will entail 117 RV lots, 10 cabins, and 6 Tent areas serviced by a Public Water Supply well. Funding for the project is being provided through private sources.

The proposed well is designed to target the Middle Trinity and it is anticipated that the production zone will be from approximately 1,412 feet below ground surface (bgs) to 1,475 feet bgs (see Proposed Well Construction Drawing). The pumping rate from the well is anticipated to be intermittent and be approximately 80 gpm.

The proposed use of the groundwater from the well will be public use in compliance with Title 30, Part I, Chapter 290, Subchapter D of the Texas Administrative Code (TAC). The well will be utilized to gather data in support of a Hydrogeologic Report and an application to the CUWCD for an Operating Permit.

## NEEDS ASSESSMENT

The Texas Commission on Environmental Quality (TCEQ) dictates minimum water capacity requirements for water systems based on the type of usage. The well capacity requirement for Big Elm RV Resort can be found in TAC Title 30, Part I, Chapter 290, Subchapter D, Rule §290.45, c, 1, B.

TITLE 30	ENVIRONMENTAL QUALITY
PART 1	TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
CHAPTER 290	PUBLIC DRINKING WATER
SUBCHAPTER D	RULES AND REGULATIONS FOR PUBLIC WATER SYSTEMS
RULE §290.45	MINIMUM WATER SYSTEM CAPACITY REQUIREMENTS

(c) Noncommunity water systems serving transient accommodation units. The following water capacity requirements apply to noncommunity water systems serving accommodation units such as hotel rooms, motel rooms, travel trailer spaces, campsites, and similar accommodations.

(1) Groundwater supplies must meet the following requirements.

(B) For systems serving fewer than 100 accommodation units with ground storage or serving 100 or more accommodation units, the system must meet the following requirements:

(i) a well capacity of 0.6 gpm per unit;

Dirk Aaron  
February 3, 2022

Big Elm RV Resort plans to develop 117 RV lots, 10 cabins, and 6 Tent areas for a total of 135 (117+10+8) accommodation units. The TCEQ minimum well capacity requirement for Big Elm RV Resort is 135 units x 0.6 gpm/unit = 79.8 gpm or approximately 80 gpm

Big Elm RV Resort has explored a public water supply service connection with the City of Troy as the subject property falls in Troy's Water CCN. The City of Troy has no plan in the immediate future to extend services to this subject property. Big Elm RV Resort contacted the City of Troy in August 2020 and requested a service line extension. Through several management changes at the City of Troy, Big Elm RV Resort attempted to negotiate a reasonable price for extending service to the property. The City of Troy stated that they would have to bore under I-35 and the costs that were quoted by the City fluctuated several times from \$200,000 to \$500,000. Further negotiations have stagnated, and even if approved, actual construction could be years out.

Big Elm RV Resort also looked at obtaining a supply of public water from nearby Elm Creek Water Supply Corporation (Elm Creek WSC). In April 2021, Big Elm RV Resort contracted a study with Big Elm WSC's contractor to determine the feasibility of installing the infrastructure to allow Big Elm WSC to supply water to the project. The Study came back quickly and suggested an inadequately sized one inch line for \$200,000. Further negotiations stalled after that. A recent conversation with Elm Creek WSC revealed that they do not have the capacity to serve Big Elm RV Resort with their current water source and it was projected to take years with an astronomical cost for Elm Creek WSC to make the upgrade. Elm Creek WSC encouraged Big Elm RV Resort to pursue their own water service via a Public Water Supply Well. Big Elm RV Resort will comply with CUWCD's Management Plan and comply with all of the District's rules as well as all groundwater use permits and plans promulgated pursuant to the District's rules.

Gamblin Engineering appreciates the opportunity to submit this application for review. We welcome any questions or comments you may have concerning this Drilling Permit Application. Please call us at 512.484.2033 or by email at [wgamblin@gamblineng.com](mailto:wgamblin@gamblineng.com).

Kind regards,



William Gamblin, P.E.  
Principal Engineer

Drawings:

Proposed Well Area Map  
Proposed Well Location on Plat  
Proposed Well Construction

Attachments:

Attachment 1 – Class 2 Non Exempt Well Drilling Permit Application



Phone: 254 933-0120 Fax: 254 933-8396  
P.O. Box 1989, Belton, TX 76513

Every drop counts!

# APPLICATION FOR NON-EXEMPT WELL CLASSIFICATION 2

A **NON-EXEMPT WELL, CLASSIFICATION 2** is a well that satisfies the following conditions:

- 1) A water well used for purposes other than domestic, livestock or poultry; or
- 2) A water well that is drilled, equipped or completed so that it is capable of producing more than 25,000 gallons/day.

Check one of the following:

**DRILLING PERMIT**

(Complete Sections 1, 2, 3, 4 & 7)

New Well

Replacement Well

**OPERATING PERMIT**

(Complete Sections 1, 5 & 7; update Sections 2, 3, & 4 if different from Drilling Permit)

Water to Remain in District

Water to be Exported Outside District\*

**PERMIT AMENDMENT**

Modify Drilling Permit (Complete Sections 1,2,3,4 & 7)

Modify Operating Permit (Complete Sections 1.5 & 7)

Change in Well Ownership (Complete Sections 1 & 7)

An application for an **Operating Permit** must be filed within 30 days of completing a new well, or reworking/re-equipping an existing well.

A **Hydrogeological Report** is required for 1) Operating Permit applications requesting an annual maximum permitted use of more than 37 acre-feet; or 2) amendments to increase production or production capacity of a public water supply, municipal, commercial, industrial, agricultural or irrigation well with an outside casing diameter greater than 6 5/8 inches as discussed in District Rule 6.9.2.

\*Requests to export water outside the District must also complete Section 7.

**Per Rule District Rule 9.3** and State Law TDLR all *State of Texas Well Reports* are due to the District within 60 days of well completion.

**NEW Per District Rule 9.3.3** at completion of all wells Water Quality Assessment is required by the Pump Installer and/or Well Driller. District Staff will provide screen test, sample bottles, and coordinate with Pump Installer or Driller to retrieve the sample within 45 days of the well completion. Temporary pump to purge the well is required should the well not have pump permanently installed in first 45 days. This requirement is for operating permits 37 ac. ft. or less.

### 1. Owner Information

Note: If well owner is different from property owner, provide documentation from property owner authorizing well construction and operation.

Well Owner: BCES EATS IV, LLC Email: dnutlady@gmail.com Telephone No.: (254) 760-6465

Address: 7498 Brewster Rd. Temple, TX Texas 76501  
(Street or P.O. Box) (City) (State) (Zip Code)

Contact Person (if other than owner): Trisha Davis Telephone No.: (254) 760-6465

If ownership of well has changed, name of previous owner \_\_\_\_\_ State Well No. \_\_\_\_\_

### 2. Property Location & Proposed Well Location

Owner of property (if different from well owner): \_\_\_\_\_

Property is located ~2.1 miles Northeast of Troy (downtown) on SW Corner of I-35/Big Elm Rd.  
(Number) (N,S,E,W) (Nearest City or Town) (Name of Road)

Acreage: ~19.4 Bell CAD Property ID #: 71223 Latitude: 31 Deg 14.1214'N Longitude: 97 Deg 17.3644'W

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

a. Proposed use of well and estimated amount of water to be used for each purpose:

\_\_\_\_\_ \*Domestic; \_\_\_\_\_ Livestock/Poultry; \_\_\_\_\_ Agricultural/Irrigation;  
\_\_\_\_\_ Industrial; x \*\*Public Supply; \_\_\_\_\_ Other.

\*Total number of houses to be serviced by the well 117 RV Slots, 10 Cabins.

\*\*Notice is required of any application to the 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 from nearest:(feet)

~760 N / S Property Line; ~160 E / W Property Line; N/A Existing Septic Leach Field;  
~0.62 miles River, Stream or Lake; ~100 Existing Water Well; ~1000 Livestock Enclosure;  
N/A Other Source of Contamination (cemetery, pesticide mixing/loading, petroleum storage tank, etc.)

c. Estimated rate of withdrawal (GPM): 80 d. Is property subject to flooding:  Yes  No

e. Is there another well on the property?  Yes  No f. Is the well part of a multi-well aggregate system?  Yes  No  
If yes, how many wells? (1) 20 TD List State Well Numbers: \_\_\_\_\_

g. Attach the following:

- tax plat map indicating the location of the proposed well or the existing well to be modified, the subject property, and adjacent owners' physical addresses and mailing addresses. (Bell CAD maps if current will be accepted)
- Indicate the location of the proposed well or the existing well to be modified with a circle and dot, and the distance to the well from property lines.
- CUWCD will provide the location of all existing wells within 1/2 mile radius of the proposed well or the existing well to be modified.

**NOTE:** If this is a replacement well, indicate location of well that is being replaced and distance from the proposed well. **Abandoned well must be properly capped or filled in accordance with state law and the rules of the District.**

**Required: Pump Installer / Well Driller Information (Required by Law)**

Name: _____	TDLR Pump Installer License Number: _____
Address: _____ (Street or P.O. Box)	TDLR Well Drillers License Number: _____
_____	Comments/notes _____
(City) (State) (Zip Code)	
(Phone #) (Fax #) (E-mail address)	

**4. Completion Information**

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

**NOTE: Provide the complete driller's log and any mechanical log, or chemical analysis, within 60 days of completion of well. Well must be drilled within 30 feet of the location specified and not closer to any existing well or authorized well site than the District's minimum spacing rule requires.**

If amending existing permit, explain requested amendment and reason for amendment:

N/A

Proposed Total Depth of Well: 1,475 ft; Borehole Diameter (Dia) 12 inches (in) from 0 to 1,475 ;  
Dia. (2) \_\_\_\_\_ in. from \_\_\_\_\_ to \_\_\_\_\_ Casing: Material Steel ; Inside Diameter (ID) ~3 in;  
Screen: Yes  No  Screen Type SS Wire Wrap ; Screen Dia. 8 in from 1412 to 1475 ft;  
# of Packers 0 ; Pump Type: submersible ; Power: electric ; Horsepower Rating ~20 ;  
Depth: 600 ft; Column Pipe ID: ~3 in. Date Completed \_\_\_\_\_  
Proposed Water Bearing Formation: Middle Trinity

**5. Operating Permit**

NOTE: If requesting operating permits or permit renewals for multiple wells, please attach a separate sheet with the information requested below for each well.

Current operating permit annual production: N/A Requested increase/decrease: \_\_\_\_\_

Include statement/documentation explaining requested production:

Number of contiguous acres owned or leased on which water is to be produced: ~19.4 acres

Total annual production requested with this operating permit: ~129 acre-feet or ~42,000,000 gallons

Requested annual volume to be exported out of the District: N/A Gallons ( \_\_\_\_\_ % of total pumpage)

NOTE: (1 acre-foot = 325,851 gallons) Withdrawals from all non-exempt wells Classification 2 must be reported to the District monthly—by the 10<sup>th</sup> of the following month

**6. Export Requirements**

If water is to be exported outside the District, describe the following issues 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.

**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

Trisha Davis

Date

2-2-2022

**PERMIT TERMS:** *Drilling Permits*—effective for **365 days** from the date the permit application is approved by the Board. *Combination Drilling / Operating Permits*—effective until the end of the calendar year in which it is issued. Permits may be renewed by the General Manager, subject to any changes necessary under proportional adjustment regulations, District Rules, or the District Management Plan.

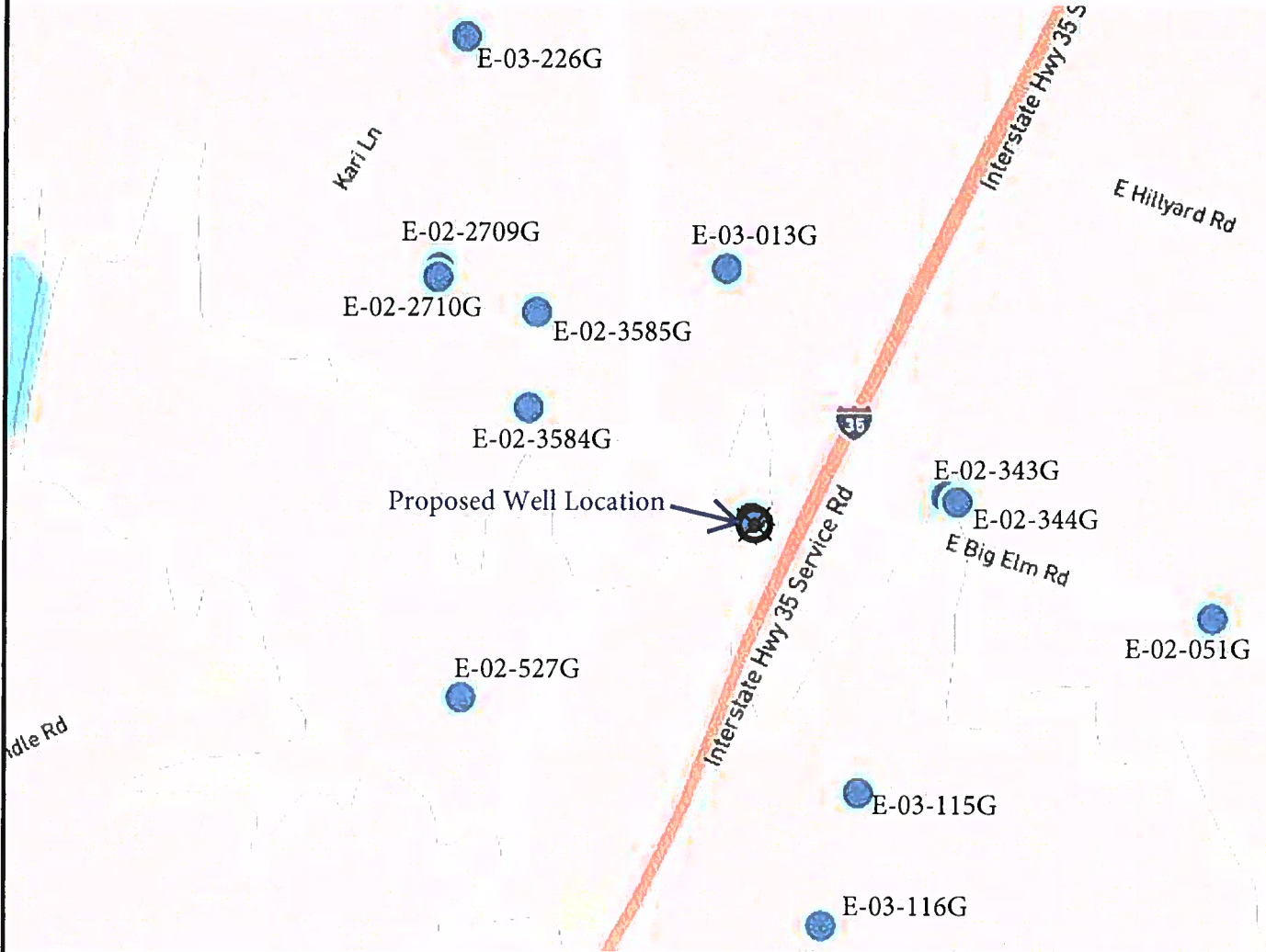
**SPACING/ACREAGE REQUIREMENTS:** Refer to District Rules, Section 9.5. For a well with a column pipe size of 2" or less, a minimum tract size of 2 acres is required, with a 100' setback from other well sites, and a 50' setback from property lines. Acreage and setbacks increase with larger column pipe size.

**NOTICE REQUIREMENTS:** Permit applicants must provide notice of filing as follows: 1) publication in a newspaper of general circulation in the District; and 2) certified mail, return receipt requested, to all adjacent property owners and owners of wells located within ¼ mile radius of the existing well or proposed well that is the subject of the application. The District will provide the appropriate forms for notification. Applicant must provide 1) proof of publication of public notice; and 2) proof of receipt by certified mail of the public notice to property owners as

**SUBMIT FOR ADMIN REVIEW**

# Big Elm RV Resort

CUWCD Permitted/Registered Wells Nearby



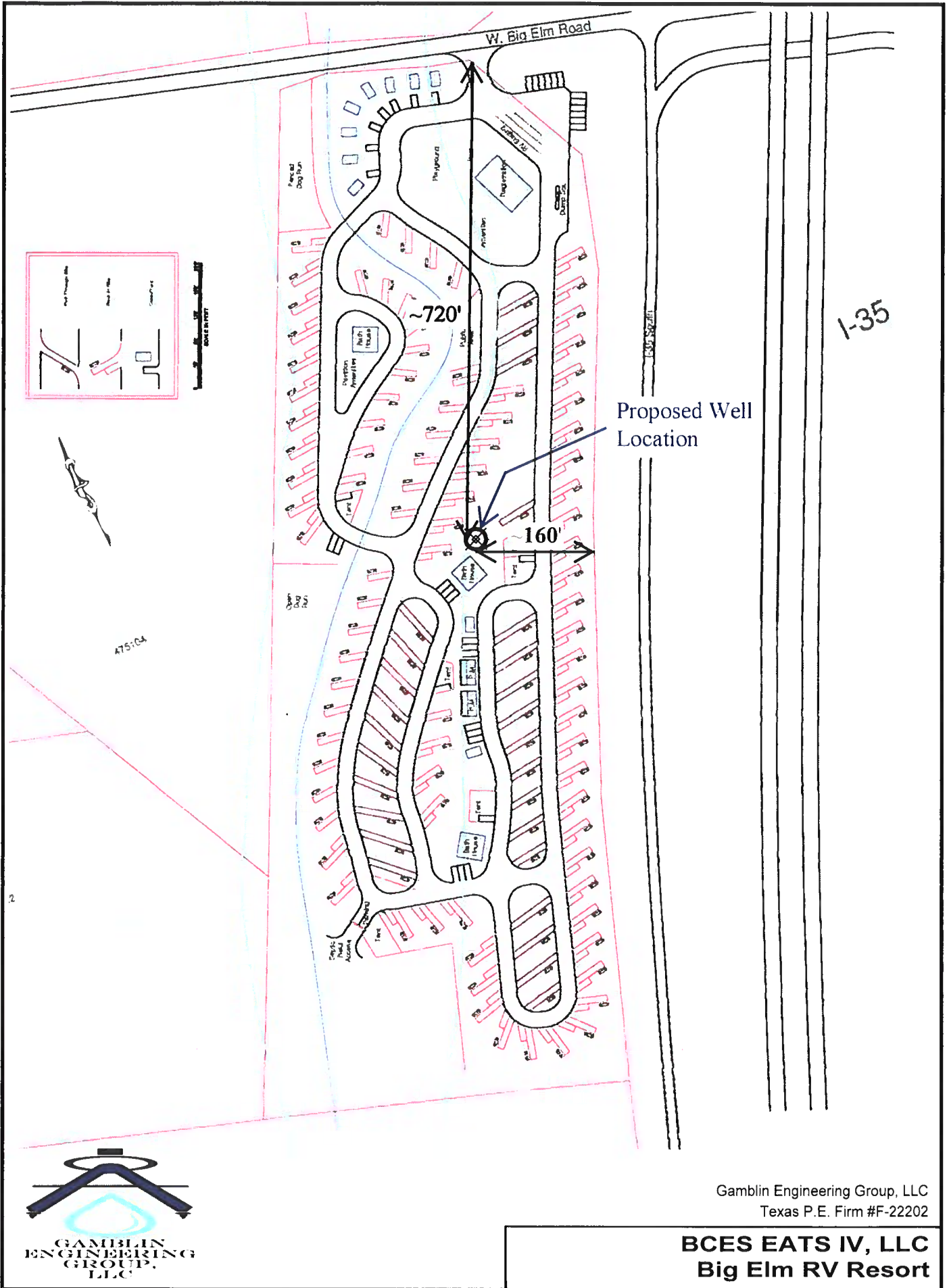
Note: Well# E-21-037G is a shallow (~20 foot in depth) hand dug well on-site which will be plugged and abandoned in accordance with TDLR rules.



Gamblin Engineering Group, LLC  
Texas P.E. Firm #F-22202

**BCES EATS IV, LLC**  
**Big Elm RV Resort**

**Proposed Well Area Map**



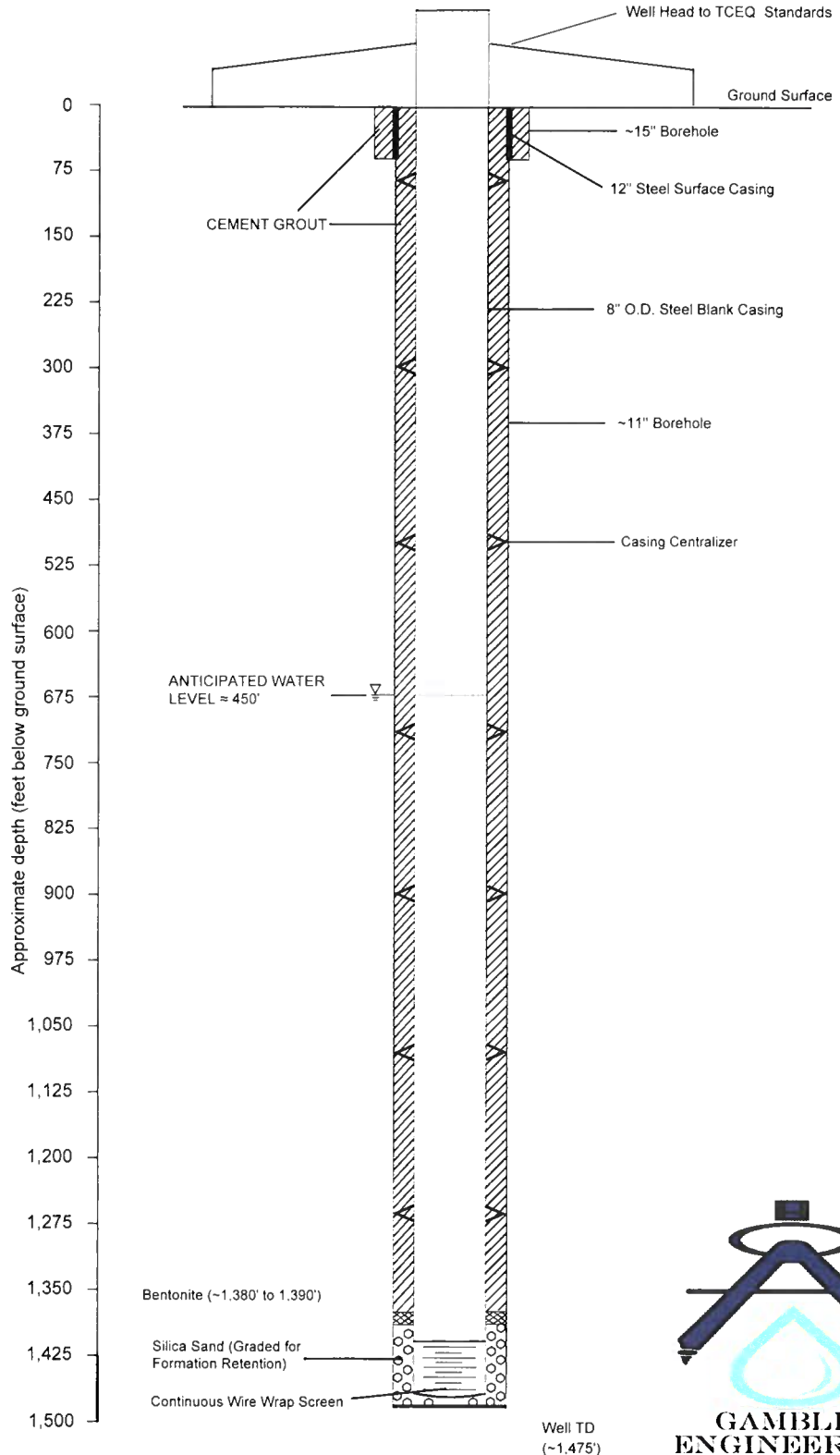
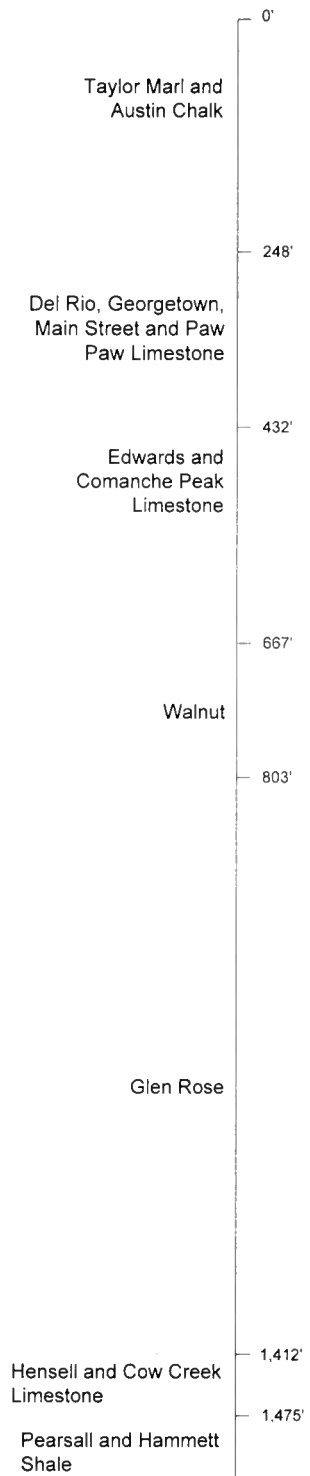
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**BCES EATS IV, LLC**  
**Big Elm RV Resort**

**Proposed Well Location on Plat Map**



**Estimated Geologic Units**



Not to scale

Gamblin Engineering Group, LLC Texas P.E. Firm #F-22202



**BCES EATS IV, LLC**  
**Big Elm RV Resort**

**Conceptual Well Construction**



# CUWCD Executive Summary

**Staff Report**  
**Application for Drilling Permit**  
**N2-22-003P**



<b>Applicant/Owner:</b> Greg & Trisha Davis, BCES EATS IV, LLC c/o William Gamblin P.E. 7498 Brewster Rd. Temple, TX 76501			
<b>Location of Well:</b> 19-acre tract located in northeastern Bell County on the Southwest Corner of West Big Elm Road and Interstate 35, Troy, Texas, Latitude 31.235356°/Longitude -97.289406° (well# N2-22-003P).			
<b>Proposed Annual Withdrawal:</b>  <b>Initial Rate :</b> 80 gpm <b>Column Pipe:</b> 3-inch  <b>Withdrawal:</b> Proposed annual quantity not to exceed 23.0 acre-feet or 7,494,573 gallons per year  Withdrawal of this well is for exploration purposes to conduct a "TCEQ TAC Title 30, Part I, Chapter 290, Subchapter D, Rule §290.45, c. 1, B.", Regulations for public water supply systems	<b>Proposed Use</b>  Exploratory Drilling Permit  Proposed future Use is Public Water Supply System for an RV Park	<b>Aquifer:</b>  Hensell Layer of the Trinity Aquifer	<b>Nearest Existing Wells:</b>  1 @ 1/4 mile 4 @ 1/2 mile  Note: All wells within ½ mile are not completed in the <u>Middle Trinity Aquifer</u>

**General Information**

William Gamblin P.E. submitted an application, on behalf of the proposed "Big Elm RV Resort" for a Non-Exempt, Well Classification 2 (N2) public water supply well. The proposed well will be constructed on an approximately 19-acre tract of land located in northeastern Bell County on the SW corner of W. Big Elm Road and I-35. The property is owned by BCES EATS IV, LLC (Owned by Greg and Trisha Davis) and lies in the City of Troy's CCN.

Groundwater allocated to this project will be utilized to service a proposed RV Park which will entail 117 RV lots, 10 cabins, and 6 Tent areas serviced by a Public Water Supply well. Funding for the project is being provided through private sources.

The proposed well is designed to target the Middle Trinity and it is anticipated that the production zone will be from approximately 1,412 feet below ground surface (bgs) to 1,475 feet bgs (see Proposed Well Construction Drawing). The pumping rate from the well is anticipated to be intermittent and be approximately 80-gpm.

The proposed use of the groundwater from the well will be public use in compliance with Title 30, Part I, Chapter 290, Subchapter D of the Texas Administrative Code (TAC). The well will be utilized to gather data in support of a Hydrogeologic Report and an application to the CUWCD for an Operating Permit.

The district identified 0 domestic wells in ½-mile of the proposed well. The applicant has notified all wells owners in a ¼ -mile in accordance with this application and has also meet the district requirement to publish notice in the Temple Daily Telegram on April 15, 2022.

This property lies within the City of Troy’s CCN # 10004 (certificate of convenience and necessity). The property also lies adjacent to the Elm Creek WSC CCN #10031 . The applicant has investigated with the City of Troy and Elm Creek WSC for the possibility of public water supply delivery and will testify that public water is currently either not available or unaffordable, thus the need to pursue groundwater rather than public water supply for the purpose of a proposed RV facility.

The plat will also be subject to the Bell County Rules for RV Infrastructure “<https://www.bellcountytexas.com/infrastructurereqwithsignatures.pdf>” and FEMA regulations for property development in the flood zones shown in the attached map.

Verification and approval of on-site sewage facilities (OSSF) will be conducted by the Bell County Public Health District – Environmental Health Division (BCPH-EHD) once the tract navigates the plating process with Bell County. Staff will confirm with BCPHD-EHD the well location and assist them in verifying set-back from the proposed on-site septic system yet to be designed.

### **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, is the application accurate? Does it meet spacing and production limitations identified by District Rules, and does it conformed 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 public water supply use per the Texas Commission on Environmental Quality (TCEQ) who dictates minimum water capacity requirements for water systems based on the type of usage. The well capacity

requirement for Big Elm RV Resort can be found in TAC Title 30, Part I, Chapter 290, Subchapter D, Rule §290.45, c, 1, B.

**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 that by signing the application form the applicant agrees to stating compliance with the District's Management Plan

Applicant should testify to the importance of water conservation measures in the proposed RV Park and that options for outside water conservation are very important and vital to the sustainability of the aquifer. The District hopes that the applicant states in testimony they do not intend to utilize the groundwater for extensive landscape purposes nor a vanity pond. These assurances should be declared in testimony by the applicants or their representative.

**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 will have a column pipe size not to exceed 3-inch. Based on this column pipe size, a minimum size tract of 5 acres is required, with a 300-foot spacing requirement from other wells. The 200-foot setback requirement from adjacent property lines has been met for this proposed exploratory well by utilizing the center of the road access road providing approximately 295 from the east and 720 feet to the north property line. Testimony from the applicant that they will 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 studies necessary for the future operating permit and the required TCEQ application and the Hydrogeologic Report.

The applicant and their representative need to 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 available information, there are the following number of wells as defined for domestic use and completed, and active from the Middle Trinity Aquifer.

**0 wells within 1/4 mile and 0 wells within 1/2 mile = 0 total**

Mike Keester, RW Harden & Associates, has review the application and has determined anticipated drawdown and have provided the *attached MK report*.

His conclusions and recommendations stating that there is some uncertainty regarding the potential annual production from the well for public water supply use. He states that "the projected water use may be high compared to other similar facilities". We recommend the applicant provide additional information with a future operating permit application to substantiate the projected water use of 23 acre-feet per year.

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 related to the approved DFC and the defined available groundwater for permitting?**

The District's Management Plan reflects a groundwater availability figure in the Middle Trinity Aquifer of **1099 ac-ft/year Modeled Available Groundwater** (then reserve 548 ac-ft/year for exempt well use) thus **551 ac-ft/year is the Managed Available Groundwater for permitting**.

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

The requested permit amount relative to the 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 Middle Trinity Aquifer was set by CUWCD based on drawdown of the aquifer. 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 1099 acre-feet per year from the Middle Trinity.

A summary of YTD 2022 permit production, HEUP & OP Permit Analysis, pending applications and \*Exempt Well Reservations for the Trinity Aquifer, per District Report illustrates current Middle Trinity permits total 471.660 acre feet/year.

Currently the District has a pending permits of 5 acre feet/year, thus available for permitting is 79.72 acre feet/year. (*see attached Trinity Aquifer Status Report, April 2022*).

**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, April 2022*).

**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. 548 ac-ft/year vs 516 ac-ft estimated to be used annually in the Middle Trinity. (*see 2021 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 Middle Trinity Aquifer which is 583 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 Middle Trinity Aquifer in 2022 was **471.669 acre-feet** and the actual production in 2020 was **67.37 acre-feet (14.28%)** of permitted amount. (*Figures are based upon monthly production reports submitted to Clearwater by the permit holders in 2021*).

**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 **31.959** inches of rain received in the last 365 days (4-6-2022) thus 96.85% of annual expected rainfall of 33 inches. The Middle Trinity Aquifer permit holders in all of 2021 have used only 14.28% of total permitted amounts in the Aquifer. Permit holders did not exceed their total permitted amounts in 2020 or 2021.

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

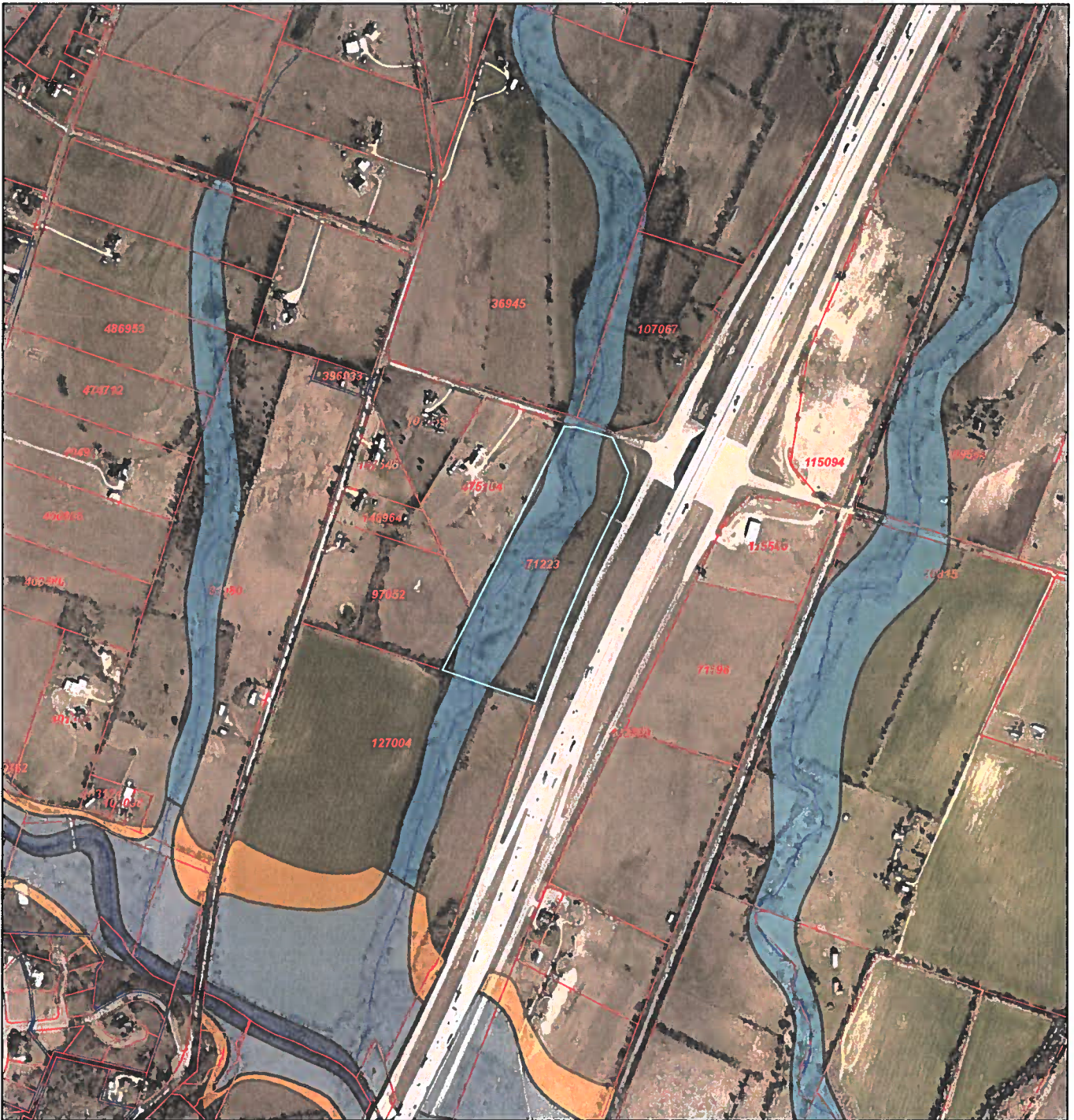
**Conclusions and Recommendations:**

- 1) District GM recommends that the Board only approve drilling permit for this well for the purpose of the hydrogeologic report and the necessary requirements of the applicant to pursue the TCEQ approval for an RV Park public water supply.
- 2) District GM recommends that the applicant discuss the project with both Bell County Engineers Office on the requirements for infrastructure similar to platting requirements.
- 3) District GM recommends the applicant and their representative review the FEMA requirements for development and approval of RV facilities when constructed in identified flood zones.
- 4) District GM encourages the board and applicant’s representative to limit the well to a 2-inch column pipe if the Mr. Gamblin agrees that a pump can be installed with the capabilities to provide the applicant and instantaneous pressure of 80gpm, seeing that this well is located in the proposed management zone known as “Belton Lake Zone” (BL).
- 5) District GM concurs with Keester that the following conditions for the well’s construction and for limiting this application to only a drilling permit necessary for the following activities:
  - 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.
  - Require a geophysical log (at a minimum, gamma ray, spontaneous potential, and resistivity curves) be obtained of the open borehole.
  - Provide a copy of the documents submitted to the Texas Commission on Environmental Quality when requesting the well be granted interim approval for public water supply use.
  - The projected water use may be high compared to other similar facilities thus we recommend the applicant provide additional information with a future operating permit application to substantiate the projected water use of 23 acre-feet per year.

Attachments are as follows:

<i>Keester PG Technical Memorandum</i>	<i>05 05 2022</i>
<i>CUWCD Edwards BFZ Aquifer Status Report</i>	<i>04 13 2022</i>
<i>CUWCD 2021 Exempt Well Estimate of Use Report</i>	<i>12 31 2021</i>
<i>CUWCD Site Map showing FEMA Layers</i>	<i>See Attached</i>
<i>Applications, fees and Notification Affidavit</i>	<i>See Attached</i>

# Bell CAD Web Map

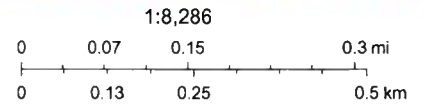


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- Parcels
- Subdivisions
- Water Center Line

**Flood Hazard Area**

- A - Areas with a 1% annual chance of flooding.
- AE - The base floodplain where base flood elevations are provided.
- AE Floodway - Regulatory Floodway
- X - 0.2% Annual Chance Flood Hazard.
- X - Area of Minimal Flood Hazard



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## Trinity Aquifer Status Report – April 2022

<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>2022 YTD</u> <u>Total Prod.</u> <i>Jan - Mar</i> <b>498.65 Ac-ft</b> <b>10.51%</b>		<u>Pending Applications</u>		<u>Exempt Well Reservations</u>		
<b>Trinity Aquifer</b> (by layer)	<b>DFC Adopted *</b> Average Drawdown (by layer)	<b>MAG **</b> Ac-ft	<b>HEUP</b> Ac-ft (by layer)	<b>OP</b> Ac-ft (by layer)	<b>Total Permitted</b> Ac-ft (by layer)	<b>2021 YTD Prod.</b> (by layer)	<b>2022 YTD Prod.</b> (by layer)	<b>Available for Permitting</b> Ac-ft (by layer)	<b>Pending Applications</b> Ac-ft (by layer)	<b>Exempt Well Reserve</b> Ac-ft (by layer)	<b>2021 Exempt Well Use Estimate</b> Ac-ft (by layer)	<b>Available Exempt Use</b> Ac-ft (by layer)
	Current					2021 YTD Prod.	2022 YTD Prod.					
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	72.14	<b>134.04</b>	18.70	1.14	<b>146.96</b>	0	693	221	472
Hensell (middle)	-2.28 ft/yr -137 ft/60 yrs	1099	259.3	212.369	<b>471.669</b>	67.37	12.39	<b>79.72</b>	***5.00	548	516	32
Hosston (lower)	-5.50 ft/yr -330 ft/60 yrs	7193	1181.4	2957.62	<b>4139.02</b>	1619.53	485.12	<b>2875.98</b>	0	178	56	122
<b>Total</b>		<b>9266</b>	1502.6	3242.129	<b>4744.729</b>	1705.6 (35.95%)	498.65 (10.51%)	<b>3102.66</b>	<b>5.00</b>	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

Rancho Vista Phase 2 N2-21-008P (5.00 ac-ft/yr)



# CUWCD Exempt Well Use Summary

As of: 5/6/2022

Aquifer	Total Active Registered Exempt Wells <sup>3</sup>	Registered Domestic Wells	Estimated Domestic Use Gallons/Day <sup>1,2</sup>	Estimated Domestic Use Ac-ft/Year <sup>1,2</sup>	Registered Stock Wells	Estimated Stock Use Gallons/Day <sup>4</sup>	Estimated Stock Use Ac-ft/Year <sup>4</sup>	Total Estimated Use Gallons/Day <sup>7</sup>	Total Estimated Exempt Well Use Ac-ft/Year <sup>7</sup>	MAG Reserved Exempt Well Use
Glen Rose (Upper Trinity)	501	412	120,535	135	89	76,896	86	197,431	221	
Hensell (Middle Trinity)	944	886	410,132	459	58	50,112	56	460,244	516	
Hosston (Lower Trinity)	149	138	40,373	45	11	9,504	11	49,877	56	
Trinity (Total) <sup>6</sup>	1,594	1,436	571,040	640	158	136,512	153	707,552	793	1,419
Edwards BFZ	833	704	205,962	231	129	111,456	125	317,418	356	825
Edwards Equivalent	489	390	114,098	128	99	85,536	96	199,634	224	
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	225	141	41,251	46	84	72,576	81	113,827	128	
Ozan	162	114	33,352	37	48	41,472	46	74,824	84	
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	592	379	110,880	124	213	184,032	206	294,912	330	
Other <sup>5</sup>	1,586	1,097	320,938	359	489	422,496	473	743,434	833	
<b>CUWCD Total Active</b>	<b>4,013</b>	<b>3,237</b>	<b>1,097,941</b>	<b>1,230</b>	<b>776</b>	<b>670,464</b>	<b>751</b>	<b>1,768,405</b>	<b>1,981</b>	

- 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 2,000ft<sup>2</sup> warm season turfgrass requires 38,855gal/yr/lawn or 106gal/day/lawn; "Ranchette" Avg. lawn size is 13,042ft<sup>2</sup>, 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.

Mike Keester, P.G. Review

**TECHNICAL MEMORANDUM**

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

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

**Date:** May 5, 2022

**Subject:** Hydrogeologic Evaluation of the Big Elm RV Resort Well (N2-22-003P) Drilling Permit Application

**Proposed Well ID:** *N2-22-003P*

**Well Owner Name:** *BCES EATS IV, LLC*

**Tract Size:** *19.4 Acres*

**Column Pipe Size:** *Max 3 inches*

**Aquifer:** *Middle Trinity*

**Proposed Annual Production:** *23 Acre-Feet per Year*

**Proposed Instantaneous Pumping Rate:** *80 Gallons per Minute*

According to information provided by the applicant's engineer, the proposed well is intended to serve as a Public Water Supply to an RV Park consisting of 117 RV lots, 10 cabins, and 8 tents. Based on the number of units and the Texas Commission on Environmental Quality requirement of 0.6 gallons per minute (gpm) of capacity per unit, the well is designed to produce at an instantaneous rate of 80 gpm. The applicant's engineer also indicated anticipated annual production of 23 acre-feet per year assuming 2 persons per unit using 75 gallons of water per person per day or 150 gallons per unit.

Actual annual use may be lower than projected by the applicant. United States Department of Agriculture Forest Service guidance documents indicate average water consumption is generally less than 30 gallons per person per day at sites with a water connection with a maximum of about 35 gallons per day (<https://www.fs.fed.us/t-d/pubs/pdfpubs/pdf07732326/pdf07732326dpi72.pdf>). Assuming a high use value of 35 gallons per person per day with 2 persons per unit and all units occupied results in an estimated annual use of about 10.6 acre-feet per year. For our analysis of the projected impacts from production we used both the high estimate of 23 acre-feet per year and a lower estimate of 10.6 acre-feet per year.

The identified source for the projected use is the Middle Trinity Aquifer. According to the CUWCD geologic model, the top of the Middle Trinity is about 1,420 feet below ground level and about 62 feet thick at the proposed well location. The Conceptual Well Construction diagram provided with the application is reasonably consistent with the CUWCD geologic model. 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 for accurate delineation of the subsurface geologic units.

The groundwater availability model (Kelley and others, 2014) indicates the Middle Trinity Aquifer transmissivity is about 380 gallons per day per foot (gpd/ft) with a storage coefficient of 0.00002. However,

using the aquifer thickness from the CUWCD geologic model with the groundwater availability model hydraulic conductivity of 1.3 feet per day for the Middle Trinity Aquifer results in a transmissivity of about 600 gpd/ft. For our analysis of potential drawdown 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 well located nearly two miles from the proposed well (Figure 1).

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. To assess the potential effects of the proposed production, the equation uses values from the groundwater availability model datasets.

Table 1 presents the range in calculated drawdown based on an annual production rate of 10.6 to 23 acre-feet per year. For *1-Day Drawdown*, we applied the proposed instantaneous pumping rate of 80 gpm 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 range of the annual production rate divided by 12 then multiplied by 1.15). For the *1-Year Drawdown*, we used the range of the proposed annual production amount.

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.

The projected drawdown values using the estimated transmissivity value results in an estimated 1-day drawdown of about 243 feet at the proposed well with negligible drawdown estimated at the nearest known Middle Trinity well. However, these values are highly uncertain due to a lack of data in the area for the hydraulic characteristics of the Middle Trinity Aquifer. If annual production is a projected by the applicant, predicted drawdown will be nearly 60 feet in the proposed well with the predicted drawdown decreasing by more than one-half at the lower annual rate.

There are few known Middle Trinity wells near the proposed well with sufficient water-level data to assess the local trend in water levels. However, Middle Trinity Aquifer water level declines have been documented in Southern Bell, Williamson, and McLennan County (George and others, 2011; Keester, 2018). Utilizing the CUWCD aquifer status tool (Keester and Pedrazas, 2020), the estimate water-level decline is about 3 feet per year with a current water level of about 345 feet below ground level which is more than 1,000 feet above the top of the aquifer.

There is only one known well completed in the Middle Trinity Aquifer within two miles of the proposed well. Predicted drawdown at this well is less than 10 feet after one year of production. With water rising over 1,000 feet above the top of the aquifer in the well, the predicted drawdown will not inhibit the ability to produce groundwater from the existing well. In addition, with few other Middle Trinity wells in the area, we recommend approval of the requested spacing variance.

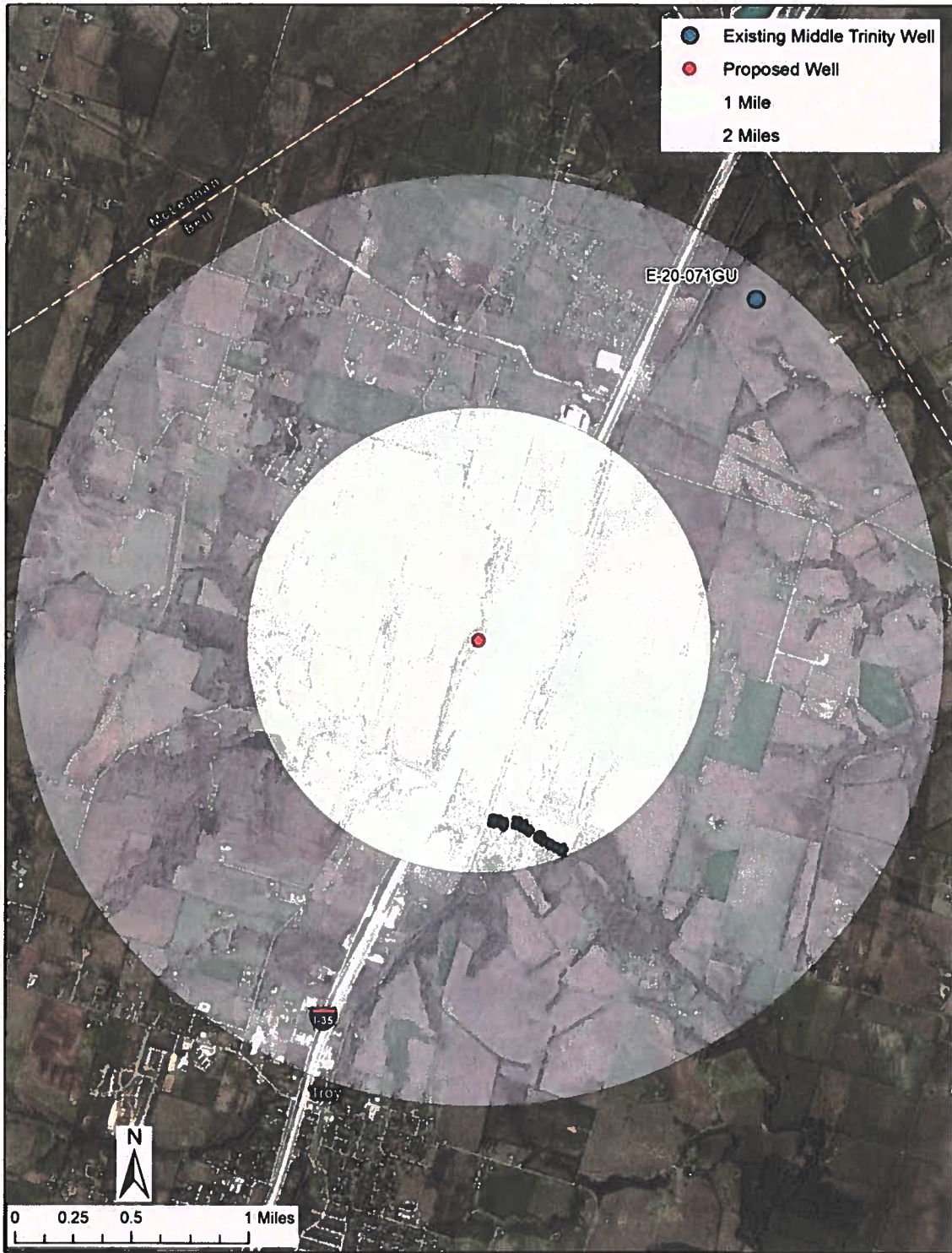


Figure 1. The proposed well and existing CUWCD Middle Trinity well. Detailed information for each well shown is available through the District’s website (<https://cuwcd.org/>).

**Table 1. Calculated drawdown at the proposed well and other wells within two miles completed in the Middle Trinity Aquifer based on annual production rate of 10.6 to 23 acre-feet.**

CUWCD Well ID	Distance from Proposed Well (feet)	1-Day Drawdown (feet)	30-Day Drawdown (feet)	1-Year Drawdown (feet)
N2-22-003P (Big Elm RV Resort)	-	243	28 to 61	27 to 59
E-20-071GU	9,938	negligible	2 to 4	4 to 9

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. Due to the high degree of uncertainty in water level, aquifer coefficients, and local water quality, the results of the aquifer test and sampling will be beneficial in the analysis of the potential effects of production associated with the anticipated future operating permit application.

### Conclusions and Recommendations

There is some uncertainty regarding the potential annual production from the well for public water supply use. The projected water use may be high compared to other similar facilities. We recommend the applicant provide additional information with a future operating permit application to substantiate the projected water use of 23 acre-feet per year.

There are no known nearby wells completed in Middle Trinity that have been tested to inform our understanding of the productivity of the local aquifer. The uncertainty related to the aquifer conditions carries through to our estimates of the projected drawdown. Based on our current understanding of the system, the nearest known Middle Trinity well is estimated to experience four to nine feet of drawdown from the annual production after one year with the lower value assuming annual production is about one-half the value reported by the applicant.

Regarding the drilling permit for the proposed well, we recommend approval with the following:

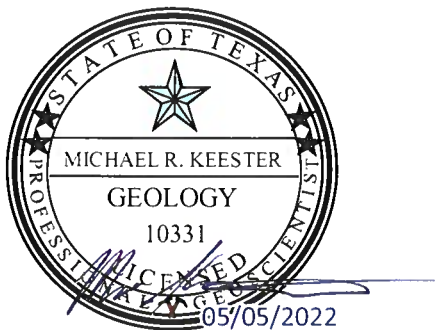
- To assess actual changes in water levels due to pumping from the proposed well and regional water level declines, the pump installer shall install a measuring tube alongside the column pipe to allow for measurement of the water level using an e-line or other direct measurement method.
- Require a geophysical log (at a minimum, gamma ray, spontaneous potential, and resistivity curves) be obtained of the open borehole.
- Provide a copy of the documents submitted to the Texas Commission on Environmental Quality when requesting the well be granted interim approval for public water supply use.

## References

- George, P.G., Mace, R.E., and Petrossian, R., 2011, Aquifers of Texas: Texas Water Development Board Report 380, 172 p.
- Keester, M., 2018, Drawdown Analysis of the Local Middle and Lower Trinity Aquifers: Technical Memorandum to Clearwater UWCD dated October 5, 2018, 11 p.
- 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.
- 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.

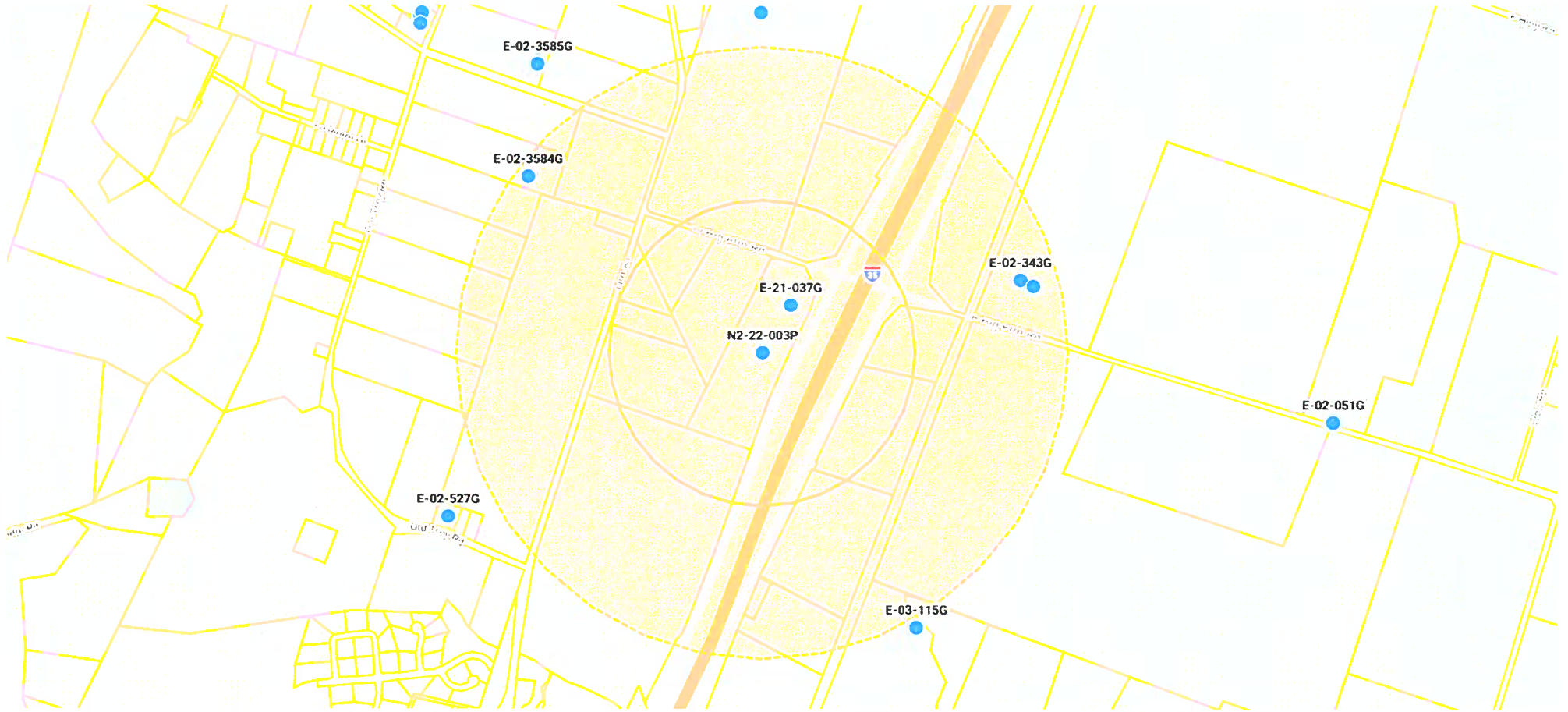
## Geoscientist Seal

The signature and seal appearing on this document was authorized by Michael R. Keester, P.G. on May 5, 2022. R.W. Harden & Associates Texas Board of Professional Geoscientist Firm Registration Number 50033.





# Radius Map Notification



● Clearwater Wells

● Bell CAD Parcels

Fill Opacity



Clearwater Well Labels

2000 ft



## N2-22-003P Contact List

### Wells 1/4 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>
71223	BCES Eat IV LLC	7498 Brewster Rd	Temple	TX	76501	E-21-037G	Inactive	20	Alluvial	Domestic	480 ft

### Wells 1/2 Mile

103254	John & Carol Scheel	304 King Circle	Temple	TX	76501	E-03-115G	Inactive	6	Austin Chalk	Not Used	2,713 ft
109564	Louis Tsakiris	2310 Baker Rd	Houston	TX	77094	E-02-343G	Active	unknown	Austin Chalk	Domestic	2,312 ft
109564	Louis Tsakiris	2310 Baker Rd	Houston	TX	77094	E-02-344G	Active	unknown	Austin Chalk	Domestic	2,408 ft
486877	James & Gena Smith	904 S 31st St	Temple	TX	76504	E-02-3584G	Active	40	Austin Chalk	Livestock/Poultry	2,533 ft

### Adjacent Property

475104	Kenneth & Lisa Berry	PO Box 469	Troy	TX	76579
97052	Nelia Drago	PO Box 602	Troy	TX	76579
127004	Temple Greens LLC	77 Hillside Ave	Bridgewater	NJ	8807
71196	Kyoung Enterprises Inc.	1239 County Road 4818	Kempner	TX	76539
115540	5-D Investments Inc	12708 Azalea Circle	Buda	TX	78610
107067	Leland's Industries LLC	900 McDuff St.	Grandview	TX	76050

March 21, 2022

**NOTICE OF APPLICATION FOR OPERATING PERMIT**

*Name*  
*Address*  
*City, TX Zip*

**VIA CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

RE: Application for a Drilling Permit

To Whom It May Concern:

I, William Gamblin, Gamblin Engineering Group LLC, on behalf of the Greg & Trisha Davis, owners of proposed Big Elm RV Resort, have submitted an application to the Clearwater Underground Water Conservation District (CUWCD) on March 17, 2022, for drilling permit for a new well (N2-22-003P) and a proposed future operating permit of 23.0 ac-ft/year or 7,391,250 gallons per year.

This permit will only authorize drilling and completing the well in the Hensell Layer (Middle) of the Trinity Aquifer with a maximum 3-inch column pipe, not to exceed 80 gpm, on a 19-acre tract located in northeastern Bell County on the Southwest Corner of West Big Elm Road and Interstate 35, Troy, Texas, Latitude 31.235356°/Longitude -97.289406° (well# N2-22-001P). This well will produce groundwater for TCEQ approved public water supply system in the proposed RV park. Upon completion of the well, I will present a formal hydrogeologic report to CUWCD necessary in support of the described future operating permit.

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 CUWCD at 700 Kennedy Court, Belton, Texas 76513, 254-933-0120. As the applicant's representative, I may be contacted at 19125 Adrian Way, Suite 100, Jonestown TX 78645, or by phone at 512-484-2033

Sincerely,

William Gamblin, P. E.  
Principle Engineer  
Gamblin Engineering Group, LLC

N2-22-003 P

Big Elm RV Resort

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<input type="checkbox"/> Return Receipt (electronic)	\$ 0.00
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<input type="checkbox"/> Adult Signature Required	\$ 0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$ 0.00
Postage	\$ 0.58
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Troy, TX 76579

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

William Gamblin, Gamblin Engineering Group LLC, on behalf of Greg & Trisha Davis, owners of the proposed Big Elm RV Resort, has submitted an application to the Clearwater Underground Water Conservation District (CUWCD) on March 17, 2022, for a drilling permit to complete a new well (N2-22-003P) for a proposed future operating permit of 23.0 ac-ft/year or 7,391,250 gallons per year.

This permit will only authorize the drilling and completion of the well in the Hensell Layer (Middle) of the Trinity Aquifer with a maximum 3-inch column pipe, not to exceed 80 gpm, on a 19-acre tract located in northeastern Bell County on the Southwest Corner of West Big Elm Road and Interstate 35, Troy, Texas, Latitude 31.235356°/Longitude -97.289406° (well# N2-22-003P). This well will produce groundwater for a TCEQ approved public water supply system in the proposed RV park. Upon completion of the well, I will present a formal hydrogeologic report to CUWCD necessary in support of the described future operating permit.

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 CUWCD at 700 Kennedy Court, Belton, Texas 76513, 254-933-0120. As the applicant's representative, William Gamblin, may be contacted at 19125 Adrian Way, Suite 100, Jonestown TX 78645, or by phone at 512-484-2033

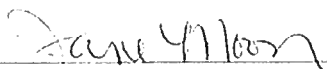
# Publisher's Affidavit

State of Texas  
County of Bell

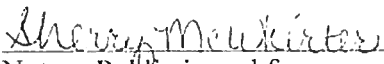
Before Me, The Undersigned Authority, this day personally appeared Jane Moon after being by me duly sworn, says that she is the Classified Manager Inside Sales of the Temple Daily Telegram, a newspaper published in Bell County, Texas and that the stated advertisement was published in said newspaper on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

April 15, 2022

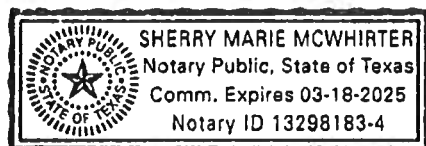
For: William Gamblin on behalf of  
Greg & Trisha Davis  
Ad #: 16675652  
Ad cost: \$148.55  
Times Published: 1

  
Jane Moon  
Classified Manager Inside Sales

Subscribed and sworn to before me,  
this day: April 22, 2022

  
Notary Public in and for  
Bell County, Texas

(Seal)



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

William Gamblin, Gamblin Engineering Group LLC, on behalf of Greg & Trisha Davis, owners of the proposed Big Elm RV Resort, has submitted an application to the Clearwater Underground Water Conservation District (CUWCD) on March 17, 2022, for a drilling permit to complete a new well (N2-22-033P) for a proposed future operating permit of 230 ac-ft/year or 7,391,250 gallons per year.

This permit will only authorize the drilling and completion of the well in the Hensell Layer (Middle) of the Trinity Aquifer with a maximum 3-inch column pipe, not to exceed 80 gpm, on a 19 acre tract located in northeastern Bell County on the Southwest Corner of West Big Elm Road and Interstate 35, Troy, Texas, Latitude: 31.2353567/Longitude: -97.7894067 (well# N2-22-033P). This well will produce groundwater for a TCEQ approved public water supply system in the proposed RV park. Upon completion of the well, I will present a formal hydrogeologic report to CUWCD necessary in support of the described future operating permit.

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, Bellton, Texas 76513, 754-933-9120. As the applicant's representative, William Gamblin, may be contacted at 19125 Adrian Way, Suite 100, Jonestown, TX 78645 or by phone at 512-484-2033.

