

## Hill Country Underground Water Conservation District

508 South Washington St. \* Fredericksburg, Texas 78624

Ph. #830.997.4472 \* Email Address: [hcuwcd@austin.rr.com](mailto:hcuwcd@austin.rr.com)

Website: [www.hcuwcd.org](http://www.hcuwcd.org)

### Well Permit Application

**Instructions:** Within sixty (60) days after the General Manager has determined the application is administratively complete it will be placed as an agenda item at a board meeting date when the application will be reviewed by the board. Board meeting dates are subject to change.

An application fee in the amount of \$1,000.00 must accompany the application. The District will credit the \$100.00 registration fee toward the \$1,000.00 application fee if the well has been drilled one year or less. Please note if additional cost is incurred to the District (i.e., pump test) the cost will be passed on to the applicant. If the application is denied, application fee will be refunded less any credit of registration fee.

#### **Please Complete The Following:**

##### **Applicant Data:**

Well Owner

\*\*Well Operator

Name: \_\_\_\_\_

Representative Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_ Email Address: \_\_\_\_\_

\*\* Well operator will need to provide lease agreement with the landowner.

#### **Proposed Use (Select all that apply):**

Commercial

Irrigation

Public Water Supply (PWS)

If PWS, please complete:

- If applicable, have the system engineering plans been submitted to Texas Commission on Environmental Quality (TCEQ)?      yes      no
  - If yes, has approval been received?      yes      no: If yes TCEQ #: \_\_\_\_\_
  - If no, estimate time when approval will be received: \_\_\_\_\_
- \_\_\_\_\_

Annual acre-feet of groundwater requested\*: \_\_\_\_\_

- If well is multi use, please complete the following in acre feet per year.

\_\_\_\_\_ Commercial Use

\_\_\_\_\_ Irrigation Use

\_\_\_\_\_ PWS Use

\_\_\_\_\_ **Total** (number needs to equal above number\*)

Depth of Well: \_\_\_\_\_

Well Yield \* Gallons Per Minute (GPM) \_\_\_\_\_

Actual or anticipate rate of withdrawal in gallons per minute: \_\_\_\_\_

Pump Size (hp): \_\_\_\_\_ Pump Depth: \_\_\_\_\_

**Well Location Information:**

Property address or general location of existing or proposed well(s): \_\_\_\_\_

**Groundwater Management Zone**

Is the well(s) located within High Historical Groundwater Use Area, a High Historical Ground Use Buffer Zone or a Critical Groundwater Depletion Area? Specific rules apply to wells within one of these areas (i.e. spacing and distance requirements. See District Maps and Rules 5.6A(s) and 9.2(C) located on our website ([www.hcuwcd.org](http://www.hcuwcd.org)) for more information or contact District office.

No

Critical Groundwater Depletion Area

High Historical Groundwater Use Area

High Historical Groundwater Buffer Zone

If in High Historical Groundwater, please specify I or II.

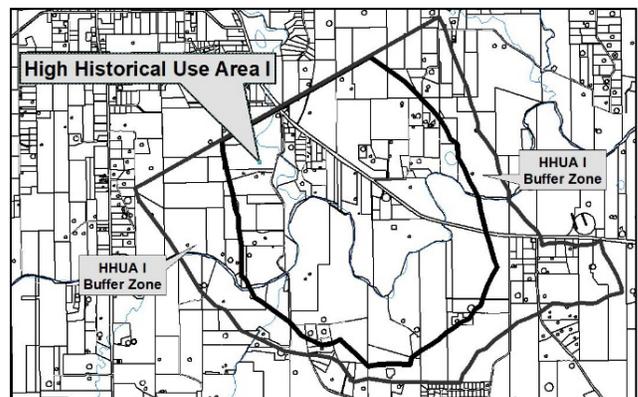
I

II

**High Historical Groundwater Use Areas**

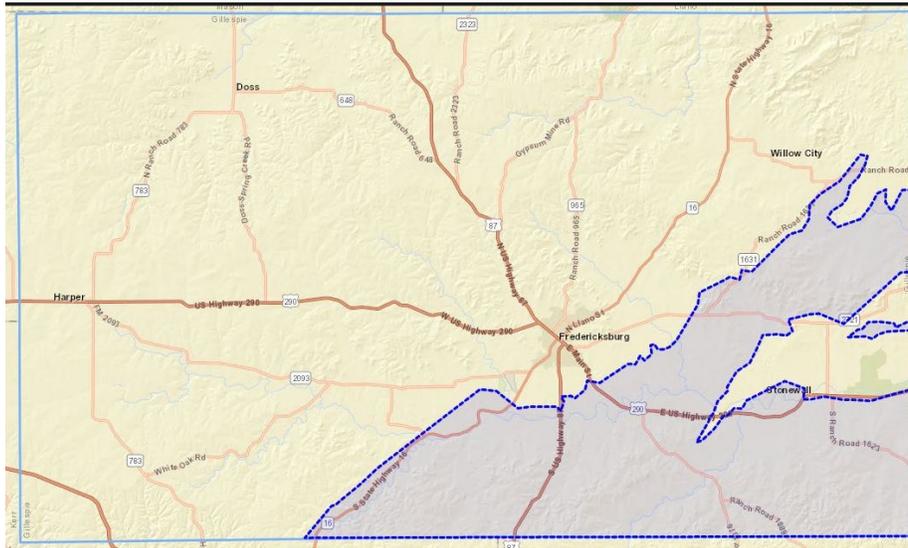


Hwy. 965 (Boot Ranch Area)



US Hwy. 290 East

Ellenburger Critical Groundwater Depletion Area 1 (shaded in blue)



**Distance from Property Line**

Distance from nearest property line to well in feet (see table below for distance requirements):

Please note if the well(s) fall within a Groundwater Management Zone, spacing and distance requirements may be different, please refer to Groundwater Management Zone.

Actual Pumping Capacity Of Well	Minimum Distance From Existing Permitted Wells and Between Proposed Permitted Wells	Distance From Property Line
Less than 17.36 gpm	150 feet	100 feet
17.36-200 gpm	300 feet	100 feet
200-400 gpm	750 feet	200 feet
400-800 gpm	1200 feet	400 feet
>800 gpm	1500 feet	400 feet

NOTE: The above minimum spacing distances are doubled when drilling a well within a High Historical Groundwater Use Area, a High Historical Groundwater Use Buffer Zone, or a Critical Groundwater Depletion Area, excluding the Ellenburger Critical Groundwater Depletion Area 1 (“EGCDA 1”). The maximum annual production amount for wells located in a HHUA, HHUA Buffer Zone and EGCDA 1 is ½ acre foot per acre of the service area.

**General Information**

Nature and purpose of the proposed use: \_\_\_\_\_

Number of total contiguous acres within the property: \_\_\_\_\_

Service area, which is that area only to which water is being applied within the contiguous area in which the well is located: \_\_\_\_\_

Anticipated time within the proposed construction or alteration is to begin: \_\_\_\_\_

Anticipated duration of time required for proposed use of the water: \_\_\_\_\_

Total number of wells used to provide water for proposed use: \_\_\_\_\_

All presently owned (developed and/or undeveloped) sources of water available (i.e., surface water) for the development: \_\_\_\_\_

How water usage will be monitored:     Timer     Meter     Electrical Use     Other

If other explain: \_\_\_\_\_

Pump test conducted?     yes     no  
If yes, District requires a copy of the data and hydrograph of the results.

**Commercial and/or PWS Use (Complete)**

Type of use (i.e., B&Bs, event venue, tasting room, RVs): \_\_\_\_\_

If applicable, number of connections: \_\_\_\_\_

If applicable, average tract size will be serviced by the well: \_\_\_\_\_

If applicable, state the total acreage, based on 1/2 acre per connection, outside of the development that will be serviced by the well(s): \_\_\_\_\_

**Irrigation Use (Complete)**

What type of crop(s) are to be irrigated and the water requirements of the crop(s) (can be obtained from extension service): \_\_\_\_\_

Irrigation method:     Drip     Center     Pivot     Surge     Sprinkler     Other

If other, please explain: \_\_\_\_\_

Will groundwater be placed into an irrigation pond prior to it being pumped to area to be irrigated?            yes            no

- If yes, state size in acre-feet of irrigation pond \_\_\_\_\_
  - If yes, state pumping schedule for pumping groundwater into and out of irrigation pond.
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**Other State Law, Conditions, and Requirements**

Conforming to District Rules does not supersede the requirements of other State Laws and Agencies. Review 30 TAC 290.38(14) - Texas Commission on Environmental Quality Public Drinking Water System Rules and Regulations and Well Construction Standards.

**Required Attachments (if applicable please check box)**

Attach a map or plat drawn on a scale that adequately details the proposed project and show the actual or anticipated location of the existing or proposed well(s). Show the exact boundaries of property.

Attach a map or plat drawn on a scale that adequately identifies all permitted wells within a one-mile radius of the proposed or existing well and the distance to the proposed or existing well. *(District will provide)*

If Commercial and/or PWS Well, attach any adopted water conservation and drought management plans along with what water conservation goals permittee has established, and what measures and time frames are necessary to achieve the permittee's established water conservation goals. Complete the *Commercial & PWS Water Conservation Plan Assessment*.

If Irrigation Well, complete the *Irrigation Water Conservation Plan Assessment* and also attach any information showing what water conservation plan or measures permittee has adopted, what water conservation goals permittee has established, and what measures and time frames are necessary to achieve the permittee's established water conservation goals.

**Initial to indicate applicant has read and understands the following:**

\_\_\_\_\_ Applicant (Rule 5.4B) seeking 40-acre feet of groundwater per year or more must include with the application a hydrogeologic study to determine the aquifer's potential to supply the requested amount of groundwater. An applicant seeking 20-acre feet of groundwater per year or more to be withdrawn within a HHGUA, HHGU Buffer Zone, or CGDA must include with the application a hydrogeologic study to determine the aquifer's potential to supply the requested amount of groundwater. The hydrogeological study must address the area of influence, drawdown, and other pertinent information required by the District. The study must address the ultimate planned use of the well and the impacts of that use. The study shall be prepared by a Professional Geoscientist and must include hydrogeologic information addressing and specifically related to the proposed water pumpage levels at the proposed pumpage site. Applicants may not rely solely on studies or reports previously filed with or prepared by the District. An application will not be considered administratively complete unless the study is complete and provided as part of the application.

\_\_\_\_\_ Applicant is aware the District has rules (Rule 1.1 and 5.2G) which prohibits the supply of groundwater to any surface reservoir or impoundment (i.e. stock tank, lake, or other confinement) to a volume of greater than 50,000 gallons. This exclusion is not applicable to commercial irrigators who use a surface catchment for temporary daily storage of groundwater prior to irrigation use.

\_\_\_\_\_ Applicant will comply with District's Rules, District Management Plan and District Drought Management Plan.

\_\_\_\_\_ Applicant understands that that failure to submit all required items will result in an administratively incomplete application.

\_\_\_\_\_ Applicant will comply with the District reporting requirements of annual production groundwater production and usage amounts.

\_\_\_\_\_ Applicant is aware the District may require amendment of the application, maps, or other materials to achieve necessary compliance.

**Sworn Statement**

I, the undersigned applicant, hereby certify that I have read the foregoing statements and, to the best of my knowledge and belief, all data therein contained and supplied is true and correct and complies with all District Rules.

**Executed** this \_\_\_\_\_ day of \_\_\_\_\_ .

\_\_\_\_\_  
Applicant

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

**STATE OF TEXAS  
COUNTY OF GILLESPIE**

This instrument was acknowledged before me on the day \_\_\_\_\_ of \_\_\_\_\_ , \_\_\_\_\_ by

\_\_\_\_\_  
Notary Public In and For  
State of Texas

<b><i>District personnel to complete below:</i></b>	
Fee: \$ _____	Fee Paid/Received: _____
Date Application Received: _____	
Date Administratively Complete: _____	
Board Meeting Date: _____	
Approved: Y or N _____	Annual Production Amount: _____

## Please Complete

### COMMERCIAL & PWS WATER CONSERVATION PLAN ASSESSMENT

<b>Does Utility or Company Have in Place Programs to Promote:</b>	<b>Yes*</b>	<b>No</b>
• Plumbing: New low flow fixtures or retrofit of existing	_____	_____
• Rain Water Harvesting:	_____	_____
• Xeriscape/Native Plant Use:	_____	_____
• Water Reuse:	_____	_____
• Water Use Audits:	_____	_____
• Lowering Per Capita Water Use:	_____	_____
• Water Conservation Education:	_____	_____
• Water Rationing During Drought:	_____	_____
• Trigger Conditions That Implement Water Rationing:	_____	_____

\*If yes provide available documentation.

**COMMENTS:** \_\_\_\_\_

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### IRRIGATION WATER CONSERVATION PLAN ASSESSMENT

<b>Does Owner/Agent:</b>	<b>Yes*</b>	<b>No</b>
• Monitor Soil Moisture:	_____	_____
♦ Visual Utilizing Printed Guides To Judge Soil Moisture by Feel And Appearance:	_____	_____
♦ Gypsum Blocks:	_____	_____
♦ Tensiometers:	_____	_____
• Periodically Evaluate Irrigation System Efficiency:	_____	_____
• Practice Conservation Tillage:	_____	_____
• Practice Furrow Diking:	_____	_____
• Practice Surge Irrigation:	_____	_____
• Perform Land Leveling:	_____	_____
• Utilize Low-Energy Precision Application (LEPA):	_____	_____
• Utilize Drip Irrigation:	_____	_____
• Eliminate Tail Water:	_____	_____

\*If yes provide available documentation.

**COMMENTS:** \_\_\_\_\_