

Hill Country Underground Water Conservation District

Well Permit Application

Landscape Irrigation System

508 South Washington
 Fredericksburg, Texas 78624
 Phone #830.997.4472; Fax #830.997.6721

This application is used for a permitted well equipped with an irrigation system. As a permitted well, it is assessed production limits based upon the size of tract as follows:

Contiguous Tract Size Area Of 10 Acres Or Less	
With Sevice Area	Allowed Production Rate
0-1 acres	0.5 acre foot/year or 13,580 gallons/month
1-10 acres	0.5 acre foot/acre/year

Contiguous Tract Size Area Of Greater Than 10 Acres	
With Sevice Area	Allowed Production Rate
0-1 acres	0.5 acre foot/year or 13,580 gallons/month
>1 acres	1acre foot/acre/year

1 acre-foot of water is approximately 326,000 gallons.

Faxes will be accepted, however the District must receive the original application within 10 working days from the date the fax was sent.

All wells permitted for use with irrigation systems must be equipped with backflow prevention devices, water conservation devices such as rain gauges, soil sensors or relative humidity sensors and have the ability to measure the amount of water used by the system. Meters will be required and provided by the District. Annual water usage reports will be required to be submitted to the District.

Please Complete The Following:

1. Applicant Data: Individual ____ Company ____

Name: _____ Title: _____

Mailing Address: _____

Physical Address: _____

Telephone Number: _____ Alternate Number: _____

2. Well and Irrigation System Information:

Location of the well and tract size: _____

(Attached a map if available)

Type of septic system used on the property. If aerobic then reduced pressure assembly backflow preventor must be used and tested annually: _____

Irrigation System Description (include precipitation rate): _____

(Attached a design of proposed system)

Estimated area irrigated by system _____ ft²
Well pumping rate _____ gpm
Pump size _____ hp
Backflow preventor _____
Water use measuring method _____
Water conservation devices _____

3. Water Usage:

State the anticipated annual amount of water to be used based on the above production rates and tract size that the well will be servicing: _____

4. Water Conservation and Drought Management:

Water Conservation:

To ensure that not more than the amount of water listed in 3 (Water Usage) is used, describe what water conservation methods and practices will be followed: _____

Is lawn and shrubs varieties xeriscaped or high water demand types (i.e. Bermuda or St. Augustine)? _____

What is the planned water cycling (i.e. # of waterings per week and time of watering)? _____

Is the use of high efficiency water conserving irrigation techniques used? _____

Is an alternate water supply available (i.e. rainwater collection)? _____

Drought Management:

During times of drought what actions will be taken over and above the water conservation routinely practiced? _____

Water Curtailment During Drought: Since the amount of water used by the system will be able to be monitored, reducing the amount of water during a drought will be straightforward. However regular measurements of how much water is used in normal conditions is necessary so that a percent reduction of water use in response to

drought can be determined. Most drought management plans are based on percentage reduction of water use. This systematic reduction of water use usually is tied to some set of trigger conditions which are based on the severity of drought. A very good index to use to determine drought severity is the Palmer Drought Index. This index is posted on the Texas Water Development Boards web site at www.twdb.state.tx.us. Using this index will allow the irrigators to develop a set of trigger conditions that will provide for a systematic reduction of water use during drought. By following a drought management plan, water reduction will occur and aid in maintaining aquifer sustainability.

5. Application Fee

An application well permit fee for an irrigation system will be \$250.00 for systems equipped with 1-inch delivery systems. For systems with greater than 1-inch delivery systems the fee will be based on the cost of the meter.

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 are 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

Please initial in the space provided indicating that you have received, read and understood the District Rules. _____

For District Use Only

Permit No.: _____
Date Submitted: _____
Date Document Completed: _____
Date: _____
Approved: _____ Denied: _____
Permitted Volume: _____

Fee: \$ _____

Fee Paid/Received: _____

**Affidavit Certifying Compliance With Texas Commission on Environmental
Quality (TCEQ) Chapter 344, Landscape Irrigators**

I, the undersigned irrigation system installer hereby certify that I am in compliance with TCEQ Chapter 344, Landscape Irrigators.

Irrigation Installer

License Number

Printed Name

Date