Hill Country Underground Water Conservation District
Permit Application * Landscape Irrigation System

508 South Washington
Fredericksburg, Texas 78624
*Phone #830.997.4472 * Email: hcuwcd@austin.rr.com*

This application is used for a permitted well equipped with an automated irrigation system for landscape purposes where the service area is greater than an ½ acre. 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 Service Area	Allowed Production Rate
> 1/2 acres	0.5 acre foot/acre/year
Contiguous Tract Size Area Of Greater Than 10 Acres	
With Service Area	Allowed Production Rate
>10 acres	1 acre foot/acre/year

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

Application Fee: $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. Meters will be required and provided by the District. Annual water usage reports will be required to be submitted to the District.

- Irrigation installers shall supply a schematic of the irrigation system to the District with the installer's seal stamped to the schematic.
- 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.
- Permit applications for landscape irrigation systems must be accompanied by an affidavit certifying compliance with 30 Texas Administrative Code Chapter 344, Landscape Irrigators. Completed irrigation systems may be subject to District inspections.

Please Complete The Following:

1. Applicant Data: Individual ____ Company _____

Name: _____ Title: _____

Mailing Address: _____

Telephone Number: _____ Alternate Number: _____

Email Address: _____

2. Well and Irrigation System Information:

Address of property:_____

Tract size:_____
(Attach a map if available)

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

Irrigation System Description (include precipitation rate):_____
_____
(Attach a design of proposed system)

Estimated area irrigated by system _____ ft^2
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.

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 _____.

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_____ _____

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

Office Use Only:

Date Received:_____ Fee Received:_____

Date Administratively Complete:_____

Approved: Yes or No Permitted Volume:_____

District #:_____ Meter #_____

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

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

Irrigation Installer	License Number
Printed Name	Date