



Water Conservation Information

Whether you live on less than an acre or on over 500 acres, whether you utilize a public water supply or own a well, your water use is significant. We have a limited amount of water and a growing population, therefore promoting accountability of our natural resources is imperative to short and long-term sustainability. There are multiple ways to approach water conservation inside the home and outdoors, starting with mindful use.

Below is a list of resources, (many of which are authored by Texas Water Development Board and Texas A&M AgriLife Extension) to assist you:

Water Conservation Indoors

<http://www.bcragd.org/wp-content/uploads/2016/12/ConservingWaterIndoors.pdf>

Water Conservation Outdoors

<http://www.bcragd.org/wp-content/uploads/2016/12/ConservingWaterOutdoor.pdf>

Texas Landscape Water Guide

<http://www.bcragd.org/wp-content/uploads/2016/12/WaterGuide.pdf>

Water Owner's Guide to Water Supply

<http://www.bcragd.org/wp-content/uploads/2016/12/Water-Owners-Guide-to-Water-Supply.pdf>

Abandoned Well Plugging

<http://www.bcragd.org/wp-content/uploads/2016/12/Abandoned-well-plugging.pdf>

Water loss/leak

http://www.bcragd.org/wp-content/uploads/2016/12/WaterLoss_Leak.pdf

For more information please visit Texas Water Development Board's website at the web address below.

<http://www.twdb.texas.gov/publications/brochures/conservation/index.asp>

Bandera Co. River Authority & Groundwater District
Application for Water Well Permit

1. Name of Applicant: _____
 Business Name: _____
 Mailing Address: _____
 Phone No.: _____
 Physical Address of Well: _____
 Bandera Co. Appraisal District Parcel Number(s) for the well site and property: _____
 Annual Acre-feet of water requested: _____

2. Proposed:

| | | | |
|-------------------------|--|---------------------------|--|
| Latitude: | | Longitude: | |
| Pump Type | | Casing size (in) | |
| Pump size (hp) | | Cementing data | |
| Pump setting depth (ft) | | Maximum capacity (gpm) | |

3. Attach a statement of the nature and purpose of the proposed use, including if groundwater will be pumped into a pond, lake, tank, reservoir, or other surface impoundment, and the anticipated amount of water to be used.

4. Anticipated time period within which the proposed construction or alteration is to begin:

5. Anticipated duration of time required for the proposed use of water: _____

6. Proposed:

- Total depth of well: _____
- Producing Interval: _____
- Formation: _____

7. Is the water to be sold to others? Yes: _____ No: _____

Attachments:

District rule 3.7, requires that all materials listed below need to be included in application unless specific items are waived by the General Manager.

- 1) If the water is to be sold to others, if the Well is a Community Public Water Supply Well, or if the Well is a Retail Public Utility Well, the Applicant must also provide:
 - (a) A description or map of the Permittee's service area in sufficient detail to allow the District to locate the area.
 - (b) A description of the Permittee's metering and leak detection repair program for its water storage, delivery and distribution system.
 - (c) A drought management plan.
 - (d) Information on each customer's water demands, including population and customer data, water use data, water supply system data, wastewater data, and Conservation measures and goals, and the means for implementation and enforcement.
 - (e) A copy of the Certificate of Convenience and Necessity letter from TCEQ
- 2) Attach a topo map or plat that includes the location of the well site, the location of the meter or monitoring device required by Rule 3.7, and shows the acreage upon which the Applicant relies for the requested Production Limit
- 3) Attach information showing what water conservation measures the Permittee has adopted, what water conservation goal the Permittee has established, and what measures and time frames are necessary to achieve the Permittee's established water conservation goals.
- 4) Attach a copy of the Water Availability Study and Report, unless waived by General Manager.
- 5) Applicant must also provide the following:
 - (a) A map depicting the GPS location of the proposed well and identify all Registered and Permitted Wells within 1/4 mile of the proposed Well that are producing from the same formation
 - (b) Information, including a hydro-geological study with Test Wells, showing water availability and the projected effect of the proposed pumping on Aquifer conditions or depletion, and on Permit Holders or other Groundwater users in the District;
 - (c) Information showing the availability of water in the District during the period for which the water supply is requested; and
 - (d) Information showing that the project is consistent with the approved Regional Water Plan and approved District Management Plan.
 - (e) The deed of the property that the proposed well will be located on

- (f) A well closure plan or a declaration that the applicant will comply with the well plugging guidelines and will report closure to the commission

Post completion of well, the applicant will submit a water analysis for the following parameters: Conductivity, Temperature, Alkalinity (Total), Total Hardness, Calcium, pH, Magnesium, Iron, Fluoride, Chloride, Sulfate, Nitrate/Nitrite, Lead, Mercury, Boron, Strontium, Potassium, Sodium, Aluminum, Antimony, Arsenic, Barium, Beryllium, Bromide, Cadmium, Chromium, Cobalt, Copper, Lithium, Manganese, Molybdenum, Phosphorus, Selenium, Silica, Silver, Thallium, Uranium, Vanadium, Zinc, Radium, Radon Gas, Gross Alpha Radiation, Gross Beta Radiation, Pesticide Screening, Organic Screening, Bacteria Screening, including Total Coliform and Fecal Coliform.

I hereby certify that I have read the foregoing statements and attest that all information supplied is true and correct and complies with all District Rules.

Signature (Owner)

Date

Permit to drill is good for 90 days from date of approval of permit application