

**Medina County Groundwater Conservation District**

Application for Well Construction Permit (Non-Exempt)

- Application (fill as much information as possible)
- \$250 (cash or check)
- There can only be one completed well per application, though there may be multiple test holes; one initial application, and one submitted for each additional completed beyond the initial

**Phone: (830) 741-3162**

**Cell: (830) 741-9733**

**Fax: (830) 741-3540**

**www.medinagwcd.org**

Once the well is completed

- Equip well for pumping
- Equip well with a meter
- Ensure well is capable of producing groundwater at a rate necessary for irrigation (pump test gpm)

Obtaining Approval for an Operating Permit

- Application for Operating Permit
- Map of acres of the property owned; or map of acres irrigated if irrigating from the Leona Gravel
- Copy of the Deed, with county records filing information (first and last page, so it may be looked up if need be)
- \$250 (cash or check)

After the paperwork and fee for requesting the operating permit are turned in, there is a 30 day period for public comment about the well. After that 30 day period is completed, at the next board meeting (usually the third Wednesday of the month), the operating permit will be presented to the board for approval. For approved operating permits, once a year there is an annual use reporting requirement, covering the period from the beginning of January, through the end of December each year.

Maximum amount of water to authorize:

- Carrizo/Wilcox aquifer - two acre feet per acre owned.
- Leona Gravel – one and one half acre foot per acre irrigated, or beneficial use (for non irrigation) based on demonstrated well capacity
- Trinity – one acre foot per acre owned
- All Others – one half acre foot per acre owned

Conversion of units (some meters record in gallons instead of acre feet, and some need to multiply the results by a decimal amount)

- An acre foot is the volume of water necessary to cover one acre of land with one foot of water (one foot deep)
- Two acre feet is the volume of water necessary to cover one acre of land with two feet of water (two feet deep)
- There are 325,851 gallons per acre foot

Sample Conversion Table (AF= Acre Feet)

Gallons	AF	Gallons	AF	Gallons	AF	Gallons	AF	Gallons	AF
0	0	1,140,479	3.5	2,280,957	7	3,258,510	10	14,663,295	45
162,926	0.5	1,303,404	4	2,443,883	7.5	4,887,765	15	16,292,550	50
325,851	1	1,466,330	4.5	2,606,808	8	6,517,020	20	17,921,805	55
488,777	1.5	1,629,255	5	2,769,734	8.5	8,146,275	25	19,551,060	60
651,702	2	1,792,181	5.5	2,932,659	9	9,775,530	30	21,180,315	65
814,628	2.5	1,955,106	6	3,095,585	9.5	11,404,785	35	22,809,570	70
977,553	3	2,118,032	6.5			13,034,040	40	24,438,825	75

\*All authorizations and Permits herein described exclude the Edwards Aquifer, which comes under the jurisdiction of the Edwards Aquifer Authority. This is a guideline. See District Rules for details.