

Parameter	Max Concentration Limits	Coveney	MV	River Mtn.	Sisterdale VFD	Woodridge	Diamond Ridge	Waterstone (LT)	Waterstone (MT)	Champee Fire
Water Level on 04/12/2017		1253.60	1213.97	1092.83	1258.18	1303.52	1142.29	881.40	1053.02	1828.31
Hardness	0 - 60 mg/L soft 61-120 mg/L moderate 121-180 mg/L hard >181 mg/L very hard	342	325	376	359	496	718	342	359	171
pH	acceptable range = 6.5 to 8.5	7.1	7.4	7.3	7.4	7.3	7.3	7.6	7.2	7.3
Conductivity	0 -0.5 mS/cm Good 0.5 - 1.5 mS/cm Normal >1.5 mS/cm High	0.596	0.604	0.733	0.719	1.238	1.387	2.036	0.660	0.457
TDS	>1000 mg/L *MC Limit	292	296	359	352	607	680	998	324	224
Iron	0.3 mg/L *MC Limit	0.07	0.09	0.04	0.08	0.67	0.04	0.04	2.40	0.02
Sulfate	300 mg/L *MC Limit	18	47	67	47	125	480	230	34	5
Fluoride	0.-0.6 mg/L Good 0.6-2.0 mg/L Optimum 2.0-4.0 mg/L Mottling of teeth >4.0 mg/L Possible health risk	0.14	0.87	1.51	0.71	1.47	3.20	1.57	0.05	0.05
Nitrate	10 mg/L as N *MC Limit 44 mg/L as No3	0.8	0.4	0.5	0.2	0.3	2.2	2.6	0.8	1.1
Chloride	300 mg/L *MC Limit	26.6	15.9	22.3	31.4	116.6	24.2	340	63.8	11.9
Total Coliforms		Present	Absent	Absent	Absent	Absent	Absent	Absent	Present	Present
E. coli		Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
4/19/2017										

The District currently has 40 monitor wells. The 9 listed above are equipped so that a water sample may be collected. The red highlighted areas indicate an exceedance of the Max Concentration Limit for Public Drinking Water.

Samples were collected by Cow Creek Groundwater Conservation District and testing was performed by Kendall County Water Control and Improvement District #1.