

Parameter	Max Concentration Limits	Coveney	MV	River Mtn.	Sisterdale VFD	Woodridge	Diamond Ridge *	Waterstone (LT)	Waterstone (MT)	Champee Fire
Water Level on 4/16/2020		1236.60	1199.95	1101.06	1245.86	1273.35	1140.88	867.70	1049.69	1827.45
Hardness	0 - 60 mg/L soft 61-120 mg/L moderate 121-180 mg/L hard >181 mg/L very hard	325	325	359	359	479	735	342	376	256
pH	acceptable range = 6.5 to 8.5	7	7.3	7.3	7.3	7.3	7.2	7.8	7.1	7.4
Conductivity	0 -0.5 mS/cm Good 0.5 - 1.5 mS/cm Normal >1.5 mS/cm High	0.596	0.588	0.704	0.741	1.229	1.382	2.045	0.665	0.463
TDS	>1000 mg/L *MC Limit	292	288	345	363	602	677	1002	326	227
Iron	0.3 mg/L *MC Limit	0.05	0.03	0.06	0.03	0.27	0.44	0.08	0.08	0.03
Sulfate	300 mg/L *MC Limit	15	50	64	55	125	460	350	12	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	0.27	0.82	1.51	0.72	1.59	3.35	1.64	0.21	0.19
Nitrate	10 mg/L as N *MC Limit 44 mg/L as No3	0.8	0.3	0.4	0.2	0.3	0.3	0.3	0.3	1.2
Chloride	300 mg/L *MC Limit	26.7	11.8	18.1	31.8	205	16.6	363	20.6	11.3
Total Coliforms		Absent	Present	Absent	Absent	Absent	Absent	Absent	Absent	Present
E. coli		Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
4/8/2020										

The District currently has 41 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.

* Sample was collected on 4-20-2020