

Parameter	Max Concentration Limits	Coveney	MV	River Mtn.	Sisterdale VFD	Woodridge	Diamond Ridge	Waterstone (LT)	Waterstone (MT)	Champee Fire
Water Level on 10/15/2020		1227.20	1181.00	1099.83	1232.88	1255.80	1100.60	854.29	1049.13	1826.70
Hardness	0 - 60 mg/L soft 61-120 mg/L moderate 121-180 mg/L hard >181 mg/L very hard	291	308	342	376	462	718	325	359	239
pH	acceptable range = 6.5 to 8.5	7.1	7.4	7.4	7.4	7.3	7.2	7.7	7.1	7.3
Conductivity	0 -0.5 mS/cm Good 0.5 - 1.5 mS/cm Normal >1.5 mS/cm High	0.619	0.606	0.686	0.702	1.207	1.386	2.060	0.673	0.469
TDS	>1000 mg/L *MC Limit	303	297	336	344	592	679	1010	330	230
Iron	0.3 mg/L *MC Limit	0.06	0.05	0.07	0.10	0.21	0.08	0.10	0.05	0.09
Sulfate	300 mg/L *MC Limit	17	55	62	50	120	530	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	0.26	0.89	1.32	0.73	1.72	2.38	1.80	0.26	0.23
Nitrate	10 mg/L as N *MC Limit 44 mg/L as No3	0.7	0.2	0.2	0.3	0.3	0.2	0.7	0.5	1.3
Chloride	300 mg/L *MC Limit	25.2	12.4	17.7	20.1	88.5	16	137.9	26.7	11.8
Total Coliforms		Present	Present	Absent	Absent	Absent	Absent	Absent	Present	Present
E. coli		Absent	Absent	Absent	Absent	Absent	Absent	Absent	Present	Absent
10/14/2020										

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.