

Parameter	Max Concentration Limits	Coveney	MV	River Mtn.	Sisterdale VFD	Woodridge	Diamond Ridge	Waterstone (LT)	Waterstone (MT)	Champee Fire
Water Level on 10/16/2018		1250.10	1204.00	1100.17	1232.67	1267.67	1091.08	861.08	1055.67	1827.17
Hardness	0 - 60 mg/L soft 61-120 mg/L moderate 121-180 mg/L hard >181 mg/L very hard	291	257	359	342	496	701	342	342	171
pH	acceptable range = 6.5 to 8.5	7.2	7.5	7.2	7.4	7.3	7.2	7.4	6.9	7.7
Conductivity	0 -0.5 mS/cm Good 0.5 - 1.5 mS/cm Normal >1.5 mS/cm High	0.580	0.598	0.689	0.752	1.228	1.377	2.038	0.646	0.457
TDS	>1000 mg/L *MC Limit	283	293	338	369	0.602	675	999	317	224
Iron	0.3 mg/L *MC Limit	0.08	0.07	0.59	0.09	1.46	0.17	0.04	0.11	0.05
Sulfate	300 mg/L *MC Limit	13	48	61	65	160	500	380	13	4
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	0.17	1.62	0.88	1.92	0.93	1.50	0.02	0.20
Nitrate	10 mg/L as N *MC Limit 44 mg/L as No3	0.6	0.2	0.2	0.1	0.2	1.3	2.4	0.3	0.8
Chloride	300 mg/L *MC Limit	19.5	13	17.8	28.3	125	14.2	206	15.8	6.4
Total Coliforms		Present	Present	Absent	Absent	Present	Absent	Absent	Present	Present
E. coli		Present	Present	Absent	Absent	Absent	Absent	Absent	Present	Present
10/10/2018										

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.