

Parameter	Max Concentration Limits	Coveney	MV	River Mtn.	Sisterdale VFD	Woodridge *	Diamond Ridge	Waterstone (LT)	Waterstone (MT)	Champee Fire
Water Level on 10/16/2019		1236.80	1197.26	1101.22	1230.55	1270.65	1096.11	861.70	1045.77	1827.85
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	496	752	325	359	256
pH	acceptable range = 6.5 to 8.5	7.2	7.4	7.3	7.5	7.3	7.3	7.7	7.1	7.4
Conductivity	0 -0.5 mS/cm Good 0.5 - 1.5 mS/cm Normal >1.5 mS/cm High	0.603	0.590	0.684	0.691	1.238	1.379	2.049	0.664	0.466
TDS	>1000 mg/L *MC Limit	296	289	335	339	606	676	1005	325	228
Iron	0.3 mg/L *MC Limit	0.03	0.04	0.04	0.05	0.15	0.03	0.07	0.06	0.03
Sulfate	300 mg/L *MC Limit	15	49	54	46	130	520	330	9	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	0.19	0.82	1.31	0.63	2.20	3.80	1.80	0.07	0.22
Nitrate	10 mg/L as N *MC Limit 44 mg/L as No3	0.8	0.2	0.3	0.3	0.3	0.4	2.4	0.4	1.3
Chloride	300 mg/L *MC Limit	23.9	12.1	15.4	19.2	162	18	286	23.0	11.7
Total Coliforms		Present	Present	Absent	Absent	Absent	Absent	Absent	Present	Present
E. coli		Absent	Present	Absent	Absent	Absent	Absent	Absent	Present	Absent
10/8/2019										

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 10-10-2019