

Parameter	Max Concentration Limits	Coveney	MV	River Mtn.	Sisterdale VFD	Woodridge	Diamond Ridge	Waterstone (LT)	Waterstone (MT)	Champee Fire
Water Level on 10/16/2017		1236.60	1194.77	1090.82	1243.70	1275.80	1113.70	869.10	1046.31	1827.39
Hardness	0 - 60 mg/L soft 61-120 mg/L moderate 121-180 mg/L hard >181 mg/L very hard	325	325	393	359	496	735	342	376	257
pH	acceptable range = 6.5 to 8.5	7.2	7.4	7.4	7.4	7.3	7.4	7.6	7.1	7.4
Conductivity	0 -0.5 mS/cm Good 0.5 - 1.5 mS/cm Normal >1.5 mS/cm High	0.587	0.596	0.713	0.728	1.220	1.376	2.010	0.665	0.464
TDS	>1000 mg/L *MC Limit	288	292	350	357	598	674	985	325	228
Iron	0.3 mg/L *MC Limit	0.04	0.05	0.04	0.04	0.06	0.17	0.06	0.05	0.03
Sulfate	300 mg/L *MC Limit	17	51	73	61	130	590	390	12	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	0.30	0.67	1.33	0.83	1.69	3.30	1.62	0.25	0.24
Nitrate	10 mg/L as N *MC Limit 44 mg/L as No3	0.7	0.2	0.3	0.2	0.3	2	2.8	0.2	1.1
Chloride	300 mg/L *MC Limit	36.4	18.5	22.3	38.1	251	46	346	32.2	17.2
Total Coliforms		Absent	Present	Absent	Absent	Absent	Absent	Absent	Present	Present
E. coli		Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
10/11/2017										

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.