

Parameter	Max Concentration Limits	Coveney	MV	River Mtn.	Sisterdale VFD	Woodridge	Diamond Ridge	Waterstone (LT)	Waterstone (MT)
Water Level on 4/28/16		1255.40	1213.90	1092.65	1256.89	1298.45	1140.01	885.57	1058.60
Hardness	0 - 60 mg/L soft 61-120 mg/L moderate 121-180 mg/L hard >181 mg/L very hard	325	342	359	359	513	804	359	342
pH	acceptable range = 6.5 to 8.5	7.1	7.3	7.4	7.5	7.3	7.3	7.5	7.1
Conductivity	0 -0.5 mS/cm Good 0.5 - 1.5 mS/cm Normal >1.5 mS/cm High	0.594	0.595	0.737	0.725	1.231	1.391	2.019	0.622
TDS	>1000 mg/L *MC Limit	291	291	361	355	603	682	990	305
Iron	0.3 mg/L *MC Limit	0.05	0.06	0.03	0.30	0.09	0.07	0.34	0.03
Sulfate	300 mg/L *MC Limit	17	47	76	55	130	460	320	12
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	0.01	0.64	1.56	0.67	1.85	3.40	1.45	0.07
Nitrate	10 mg/L as N *MC Limit 44 mg/L as No3	0.9	0.3	0.8	0.2	0.2	0.1	0.6	0.2
Chloride	300 mg/L *MC Limit	27.7	12.2	19.3	25	103.8	24.4	151	19.1
Total Coliforms		Present	Present	Absent	Absent	Absent	Absent	Absent	Present
E. coli		Present	Absent	Absent	Absent	Absent	Absent	Absent	Absent
4/25/2016									

The District currently has 40 monitor wells. The 8 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.