

Parameter	Max Concentration Limits	Coveney	MV	River Mtn.	Sisterdale VFD	Woodridge	Diamond Ridge	Waterstone (LT)	Waterstone (MT)
Water Level on 4/30/2013		1230.35	1195.65	1092.56	1245.77	1284.50	1086.86	899.75	1050.33
Hardness	0 - 60 mg/L soft 61-120 mg/L moderate 121-180 mg/L hard >181 mg/L very hard	325	325	376	393	496	718	342	307
pH	acceptable range = 6.5 to 8.5	7.5	7.4	7.6	7.5	7.4	7.4	7.9	7.3
Conductivity	0 -0.5 mS/cm Good 0.5 - 1.5 mS/cm Normal >1.5 mS/cm High	0.592	0.600	0.781	0.741	1.217	1.407	2.047	0.644
TDS	>1000 mg/L *MC Limit	290	294	383	363	596	690	1003	316
Iron	0.3 mg/L *MC Limit	0.06	0.03	0.04	0.26	0.23	0.04	0.08	0.07
Sulfate	300 mg/L *MC Limit	17	50	100	58	180	470	340	15
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	0.79	1.64	0.77	1.60	2.70	1.60	0.18
Nitrate	10 mg/L as N *MC Limit 44 mg/L as No3	1.2	0.2	0.2	0.4	0.2	0.2	0.3	0.3
Chloride	300 mg/L *MC Limit	20.3	12.7	18.4	19.8	81.6	18	112.4	13.7
Total Coliforms		Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
E. coli		Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
4/24/2013									

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.