

Parameter	Max Concentration Limits	Coveney	MV	River Mtn.	Sisterdale VFD	Woodridge	Diamond Ridge	Waterstone (LT)	Waterstone (MT)
<b>Water Level on 04/30/2014</b>		1213.90	1180.74	1090.82	1237.74	1282.04	1105.65	934.60	1047.99
<b>Hardness</b>	0 - 60 mg/L soft 61-120 mg/L moderate 121-180 mg/L hard >181 mg/L very hard	291	308	342	342	462	701	342	359
<b>pH</b>	acceptable range = 6.5 to 8.5	7.1	7.5	7.4	7.4	7.3	7.3	7.7	7.1
<b>Conductivity</b>	0 -0.5 mS/cm Good 0.5 - 1.5 mS/cm Normal >1.5 mS/cm High	0.596	0.613	0.777	0.778	1.222	1.411	2.053	0.657
<b>TDS</b>	>1000 mg/L *MC Limit	292	300	381	381	597	692	1006	322
<b>Iron</b>	0.3 mg/L *MC Limit	0.06	0.04	0.05	1.20	0.11	0.03	0.08	0.07
<b>Sulfate</b>	300 mg/L *MC Limit	18	56	90	73	170	600	380	13
<b>Fluoride</b>	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	0.26	0.92	1.70	0.90	2.15	3.95	1.85	0.16
<b>Nitrate</b>	10 mg/L as N *MC Limit 44 mg/L as No3	1.1	0.4	0.3	0.5	0.4	0.3	0.01	0.4
<b>Chloride</b>	300 mg/L *MC Limit	22.9	15.4	28.5	45.8	113	23.3	198	18.4
<b>Total Coliforms</b>		Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
<b>E. coli</b>		Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
<b>4/24/2014</b>									

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.