

Parameter	Max Concentration Limits	Coveney	MV	River Mtn.	Kendalia VFD	Sisterdale VFD	Woodridge	Diamond Ridge	Waterstone (LT)	Waterstone (MT)
Water Level @ Time Checked		1258.25	1230.29	1096.17	1259.12	1252.28	1299.40	1129.36	942.13	1054.70
Hardness	0 - 60 mg/L soft 61-120 mg/L moderate 121-180 mg/L hard >181 mg/L very hard	291	325	359	410	325	445	752	342	308
pH	acceptable range = 6.5 to 8.5	7.2	7.5	7.5	7.4	7.5	7.3	7.4	7.7	7.9
Conductivity	0 -0.5 mS/cm Good 0.5 - 1.5 mS/cm Normal >1.5 mS/cm High	0.581	0.627	0.824	0.744	0.804	1.263	1.429	2.045	0.628
TDS	>1000 mg/L *MC Limit	285	307	404	365	394	619	700	1002	308
Iron	0.3 mg/L *MC Limit	0.27	0.03	0.09	0.14	0.12	1.8	2.66	0.04	0.2
Sulfate	300 mg/L *MC Limit	10	50	105	70	65	195	430	345	20
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	0.27	1.15	1.98	1.11	1.11	2.04	2.97	1.74	0.27
Nitrate	10 mg/L as N *MC Limit 44 mg/L as No3	0.5	0.1	0.3	0.2	0.1	0.1	0.2	2.2	0.1
Chloride	300 mg/L *MC Limit	14.2	11.7	21	19.2	25.5	103.5	13.1	188	15.3
Total Coliforms		Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Present
E. coli		Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
4/13/2010										

The District currently has 35 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.