

Parameter	Max Concentration Limits	Coveney	MV	River Mtn.	Kendalia VFD	Sisterdale VFD	Woodridge	Diamond Ridge	Waterstone (LT)	Waterstone (MT)
Water Level on 4/15/2011		1233.02	1208.49	1094.35	1240.96	1243.43	1293.60	1112.75	914.98	1050.50
Hardness	0 - 60 mg/L soft 61-120 mg/L moderate 121-180 mg/L hard >181 mg/L very hard	308	325	359	410	359	479	735	359	342
pH	acceptable range = 6.5 to 8.5	7.3	7.6	7.5	7.5	7.6	7.4	7.6	7.7	7.1
Conductivity	0 -0.5 mS/cm Good 0.5 - 1.5 mS/cm Normal >1.5 mS/cm High	0.582	0.605	0.816	0.740	0.727	1.253	1.436	2.162	0.620
TDS	>1000 mg/L *MC Limit	285	296	400	362	356	614	704	1059	304
Iron	0.3 mg/L *MC Limit	0.01	0.01	0.02	0.04	0.23	0.05	0.03	0.12	0.30
Sulfate	300 mg/L *MC Limit	11	46	85	71	30	150	480	350	8
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	0.28	0.97	2.12	1.00	1.03	2.45	4.00	2.35	0.20
Nitrate	10 mg/L as N *MC Limit 44 mg/L as No3	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.2
Chloride	300 mg/L *MC Limit	13	10.5	17.5	21	19.6	107	16.6	224	11.4
Total Coliforms		Present	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
E. coli		Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
4/20/2011										

The District currently has 39 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.