

**El Paso County Land Development Code
Water Quality Requirements and Results
For Chapparal Loop Subdivision
Sampled December 13, 2021**

<u>Dawson Confined Aquifer</u>			
Compound	Units	MCL/SMCL	Result
Antimony	mg/l	0.006	0
Arsenic	mg/l	0.01	0
Barium	mg/l	2	0.034
Beryllium	mg/l	0.004	0.002
Cadmium	mg/l	0.005	0
Chromium	mg/l	0.1	0.001
Cyanide (Total)	mg/l	0	0
Fluoride	mg/l	4	0.46
Mercury	mg/l	0.002	0
Nitrate as N	mg/l	10	0
Nitrite as N	mg/l	1	0
Selenium	mg/l	0.05	0
Thallium	mg/l	0.002	0
Aluminum	mg/l	0.05	0
Chloride	mg/l	250	0
Total Alkalinity	mg/L	-	13.8
Iron	mg/l	0.3	0
Manganese	mg/l	0.05	0
pH		6.5 - 8.5	5.75
Silver	mg/l	0.1	0
Sulfate	mg/l	250	0
TDS	mg/l	500	0
Zinc	mg/l	5	0
Gross Alpha/Beta	pCi/l	15	5.7
Combined Radium 226+228	pCi/l	5	2.2
E.Coli	#/100 ml	Absent	Absent
Total Coliform	#/100 ml	Absent	Absent

<u>Denver Confined Aquifer</u>			
Compound	Units	MCL/SMCL	Result
Antimony	mg/l	0.006	0
Arsenic	mg/l	0.01	0
Barium	mg/l	2	0.045
Beryllium	mg/l	0.004	0
Cadmium	mg/l	0.005	0
Chromium	mg/l	0.1	0.002
Cyanide (Total)	mg/l	0	0
Fluoride	mg/l	4	0.48
Mercury	mg/l	0.002	0
Nitrate as N	mg/l	10	0
Nitrite as N	mg/l	1	0
Selenium	mg/l	0.05	0
Thallium	mg/l	0.002	0
Aluminum	mg/l	0.05	0
Chloride	mg/l	250	0
Total Alkalinity	mg/L	-	64.7
Iron	mg/l	0.3	0
Manganese	mg/l	0.05	0
pH		6.5 - 8.5	7.14
Silver	mg/l	0.1	0
Sulfate	mg/l	250	0
TDS	mg/l	500	0
Zinc	mg/l	5	0
Gross Alpha/Beta	pCi/l	15	0.5
Combined Radium 226+228	pCi/l	5	2.2
E.Coli	#/100 ml	Absent	Absent
Total Coliform	#/100 ml	Absent	Absent

Green = Result below MCL - Acceptable Water Quality