

Town of Oliver Domestic Water Source Testing

Parameter	Guide-line	Unit	In Town			Rural South				Rural North
			Rockcliffe Well	Tucelnuit #2	Tucelnuit #3	Black Sage #1	Black Sage #2	Black Sage #3	Miller Road	Buchanan Well
			Domestic	Domestic	Domestic	Domestic & Irrigation	Domestic & Irrigation	Domestic & Irrigation	Domestic	Domestic & Irrigation
			August 19, 2019	August 4, 2020	August 4, 2020	October 29, 2018	October 29, 2018	August 8, 2017	August 19, 2019	August 4, 2020
Chloride	≤250	mg/L	29.4	8.71	20	8.33	10.2	9.63	11.9	4.77
Fluoride	1.5	mg/L	0.33	0.47	0.28	0.24	0.28	0.41	0.26	0.18
Nitrogen, Nitrate as N	10	mg/L	4.41	1.22	2.84	0.72	1.54	1.84	3	<0.01
Nitrogen, Nitrite as N	1	mg/L	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01
Sulfate	≤500	mg/L	61.8	44	48.1	41.5	53.3	72	73.8	23.2
Hardness, Total (as CaCO ₃)	-	mg/L	330	198	263	195	264	277	340	121
Nitrogen, Nitrate+Nitrite as N	-	mg/L	4.41	1.22	2.84	0.72	1.54	nt	3	<0.02
Alkalinity, Total as CaCO ₃	-	mg/L	275	185	215	163	221	228	294	138
Colour, True	≤15	TCU	<5	<5	<5	<5	<5	<5	<5	<5
Conductivity (EC)	-	uS/cm	722	458	576	398	531	588	699	286
pH	6.5 to 8.5	Units	8.05	8.05	8.09	7.83	7.9	8.24	8.00	7.94
Solids, Total Dissolved	≤500	mg/L	449	264	346	239	309	346	446	161
Turbidity	Varies	NTU	<0.1	<0.1	<0.1	1.03	<0.10	<0.1	0.12	<0.1
Aluminum	≤0.1	mg/L	<0.005	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Antimony	0.006	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	nt	0.00022	<0.0002
Arsenic	0.01	mg/L	0.00136	0.00364	0.00341	0.00076	0.00086	0.0021	0.00256	0.00132
Barium	1	mg/L	0.0671	0.0685	0.109	0.0442	0.0559	0.0435	0.0961	0.0578
Beryllium	-	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	nt	<0.0001	<0.0001
Bismuth	-	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	nt	<0.0001	<0.0001
Boron	5	mg/L	0.0625	0.127	0.0916	0.0335	0.0581	0.062	0.0591	<0.05
Cadmium	0.005	mg/L	<0.00001	0.00001	<0.00001	0.000053	0.000026	0.000086	0.000021	0.000021
Calcium	-	mg/L	88.9	53.2	68.6	50.2	68.5	65.6	79.1	33.2
Chromium	0.05	mg/L	0.00081	<0.0005	0.00076	<0.0005	<0.0005	0.00069	<0.0005	<0.0005
Cobalt	-	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Copper	≤1	mg/L	0.00182	0.0106	0.00877	0.00674	0.00936	0.0096	0.00837	0.01
Iron	≤0.3	mg/L	<0.01	<0.01	<0.01	0.201	<0.01	<0.01	<0.01	0.103

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Lead	0.01	mg/L	<0.0002	<0.0002	<0.0002	0.00043	0.00054	0.00287	0.00023	0.00044
Lithium	-	mg/L	0.00992	0.0074	0.00981	0.00538	0.00727	nt	0.00797	0.00412
Magnesium	-	mg/L	26.1	15.9	22.1	16.8	22.4	27.6	34.5	9.2
Manganese	≤0.05	mg/L	<0.0002	0.00094	<0.0002	0.0314	0.00473	0.00082	0.114	0.0362
Molybdenum	-	mg/L	0.00479	0.00464	0.00371	0.00575	0.00387	0.00658	0.00418	0.00272
Nickel	-	mg/L	0.00091	<0.0004	0.00045	0.00086	0.00079	0.00067	0.00186	<0.0004
Phosphorus	-	mg/L	<0.05	0.077	0.081	<0.05	<0.05	nt	<0.05	<0.05
Potassium	-	mg/L	5.61	3.85	5.62	3.34	4.32	5.25	5.8	2.6
Selenium	0.05	mg/L	0.00204	0.00275	0.0051	0.00064	0.0008	0.00176	0.00916	<0.0005
Silicon	-	mg/L	10	12.4	15.5	6.4	8.6	nt	10.8	6.5
Silver	-	mg/L	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Sodium	≤200	mg/L	21.2	16	28	14.2	16.8	19.6	17.9	11.4
Strontium	-	mg/L	0.992	0.655	1.03	0.5	0.73	nt	1.03	0.363
Sulfer	-	mg/L	21.7	18.2	25.9	13.1	17.5	nt	27.2	9.7
Tellurium	-	mg/L	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	nt	<0.0005	<0.0005
Thallium	-	mg/L	<0.00002	<0.00002	<0.00002	<0.00002	<0.00002	nt	<0.00002	<0.00002
Thorium	-	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	nt	<0.0001	<0.0001
Tin	-	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	nt	0.00064	<0.0002
Titanium	-	mg/L	<0.005	<0.0050	<0.005	<0.005	<0.005	nt	<0.005	<0.005
Tungsten	-	mg/L		<0.0010	<0.0010					<0.001
Uranium	0.02	mg/L	0.0119	0.0056	0.00859	0.00666	0.00708	0.00648	0.00981	0.00166
Vanadium	-	mg/L	0.0016	0.002	0.0026	0.001	<0.001	<0.001	0.0018	<0.001
Zinc	≤5	mg/L	<0.004	0.005	0.0062	0.006	0.0105	0.0517	0.009	0.006
Zirconium	-	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	nt	<0.0001	<0.0001