

CITY OF CRANBROOK
WATER QUALITY WEBPAGE
PARAMETERS

Parameters	Phillips Reservoir (Surface Water)	Well #3 (Fire Hall)	Well #4 (Confederation Park)	Well #5 (Cobham Avenue)	Units	MAC/AO
Anions	November 30, 2015	November 30, 2015	April 5, 2016	April 5, 2016		
Chloride	2.65	30.8	NOT ANALYSED	NOT ANALYSED	mg/L	<250 AO
Fluoride	ND	ND	NOT ANALYSED	NOT ANALYSED	mg/L	1.500
Nitrate as N	11.2	1.87	0.293	0.716	mg/L	45.000
Nitrite as N	ND	ND	0.00415	ND	mg/L	3.000
Sulfate	2.57	29.1	NOT ANALYSED	NOT ANALYSED	mg/L	<500 AO
General Parameters						
Alkalinity	115	375	385	335	mg/L	No Limit Listed
True Colour	ND	ND	0.772	0.195	TCU	<15 AO
Conductivity	207	776	712.0	605.0	uS/cm	No Limit Listed
Ammonia as N	ND	17.6	25.4	6.9	ug/L	No Limit Listed
Nitrogen, Total Kjeldahl	0.12	0.125	0.097	0.050	mg/L	No Limit Listed
Total Dissolved Solids	120	450	413.0	351.0	mg/L	<500 AO
Turbidity	0.59	0.09	1.96	0.95	NTU	<1.0
Total Suspended Solids	0.5	0.19	0.46	0.46	mg/L	No Limit Listed
Hardness (CaCO3)	126	370	239	220	mg/L	No Limit Listed
pH	7.96	7.49	7.30	7.37	NO UNITS	6.5-8.5
Dissolved Elements						
Aluminum	0.191	0.197	<0.0010	<0.0010	mg/L	No Limit Listed
Antimony	<0.005	<0.005	<0.0050	<0.0050	mg/L	0.006
Arsenic	<0.005	<0.005	0.00084	<0.0050	mg/L	0.010
Barium	0.028	0.143	0.009	<0.009	mg/L	1.000
Beryllium	<0.003	<0.003	<0.003	<0.003	mg/L	No Limit Listed
Boron	0.764	0.838	0.094	0.075	mg/L	5.000
Cadmium	<0.001	<0.001	<0.001	<0.001	mg/L	0.005
Calcium	35.000	78.600	46.000	47.900	mg/L	No Limit Listed
Chromium	<0.010	<0.010	<0.010	<0.010	mg/L	0.050
Cobalt	<0.020	<0.020	<0.020	<0.020	mg/L	No Limit Listed
Copper	0.114	<0.008	<0.008	<0.008	mg/L	1.000 AO
Gold	<0.040	<0.040	<0.040	<0.040	mg/L	No Limit Listed
Iron	0.042	<0.010	0.101	0.075	mg/L	0.300 AO
Lanthanum	<0.020	<0.020	<0.020	<0.020	mg/L	No Limit Listed
Lead	<0.005	<0.005	<0.0005	<0.0005	mg/L	0.010
Magnesium	9.240	42.300	30.200	24.400	mg/L	No Limit Listed
Manganese	0.013	<0.004	0.034	<0.004	mg/L	0.050 AO
Mercury	<0.001	<0.001	<0.0001	<0.0001	mg/L	0.001
Molybdenum	<0.20	<0.020	0.021	0.033	mg/L	No Limit Listed
Nickel	<0.050	<0.050	<0.050	<0.050	mg/L	No Limit Listed
Phosphorus	<0.010	0.033	0.888	1.400	mg/L	No Limit Listed
Potassium	1.930	6.050	0.935	0.721	mg/L	No Limit Listed
Scandium	<0.050	<0.050	<0.050	<0.050	mg/L	No Limit Listed
Selenium	<0.005	<0.005	<0.0005	<0.0005	mg/L	0.050
Silicon	3.090	3.620	2.480	2.440	mg/L	No Limit Listed
Silver	<0.001	<0.001	<0.010	<0.010	mg/L	No Limit Listed
Sodium	4.320	23.900	13.400	7.270	mg/L	<200 AO
Strontium	0.100	0.243	<0.0002	<0.0002	mg/L	No Limit Listed
Tin	<0.020	<0.020	<0.0002	<0.0002	mg/L	No Limit Listed
Titanium	<0.010	<0.010	<0.010	<0.010	mg/L	No Limit Listed
Tungsten	<0.050	<0.050	<0.050	<0.050	mg/L	No Limit Listed
Vanadium	<0.010	<0.010	<0.010	<0.010	mg/L	No Limit Listed
Zinc	0.165	0.171	0.05400	0.04200	mg/L	<5.0 AO

MAC= Maximum Acceptable Concentrations

AO= Aesthetic Objectives

Webpage Links

[Canadian Drinking Water Guidelines](#)

[Drinking Water Protection Regulation](#)

[Drinking Water Protection Act](#)

[BC Water & Waste Association](#)

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