



UBC Drinking Water Quality Results, November 2018

Centre for Comparative Medicine (CCM)

Analyte	Units	Health Canada - Canadian Drinking Water Quality Guidelines	Immediate Sample (0 min)	After 5 Minutes
Coliforms, Total	CFU/100 mL	MAC = 0	<1	<1
E. coli	CFU/100 mL	MAC = 0	<1	<1
Temperature	°C	AO ≤ 15°C		14.2
pH	pH units	7.0-10.5	7.23	7.32
Conductivity	uS/cm	N/A	35.6	35.3
Turbidity	NTU	OG<1	<0.10	<0.10
Hardness, Total (as CaCO ₃)	mg/L	None Required	10.9	13.4
Aluminum, total	mg/L	OG<0.1	0.0275	0.0284
Antimony, total	mg/L	MAC=0.006	<0.00020	<0.00020
Arsenic, total	mg/L	MAC=0.01	<0.00050	<0.00050
Barium, total	mg/L	MAC=1	<0.0050	<0.0050
Boron, total	mg/L	MAC=5	<0.0050	0.0055
Cadmium, total	mg/L	MAC=0.005	<0.000010	<0.000010
Calcium, total	mg/L	None Required	4.09	5.11
Chromium, total	mg/L	MAC=0.05	<0.00050	<0.00050
Copper, total	mg/L	AO≤1	0.0363	0.0221
Iron, total	mg/L	AO≤0.3	<0.010	<0.010
Lead, total	mg/L	MAC=0.01	<0.00020	<0.00020
Magnesium, total	mg/L	None Required	0.157	0.161
Manganese, total	mg/L	AO≤0.05	0.0033	0.00126
Mercury, total	mg/L	MAC=0.001	<0.000010	<0.000010
Selenium, total	mg/L	MAC=0.05	<0.00050	<0.00050
Silver, total	mg/L	None Required	<0.000050	<0.000050
Sodium, total	mg/L	AO≤200	1.53	1.57
Uranium, total	mg/L	MAC=0.02	<0.000020	0.000021
Zinc, total	mg/L	AO≤5	0.0045	<0.0040

MAC = maximum acceptable concentrations AO = aesthetic objectives OG = operational guidance values Guideline not met



UBC Drinking Water Quality Results, November 2018

Doug Mitchell Sports Centre

Analyte	Units	Health Canada - Canadian Drinking Water Quality Guidelines	Immediate Sample (0 min)	After 5 Minutes
Coliforms, Total	CFU/100 mL	MAC = 0	<1	<1
E. coli	CFU/100 mL	MAC = 0	<1	<1
Temperature	°C	AO ≤ 15°C		21.4
pH	pH units	7.0-10.5	7.15	7.26
Conductivity	uS/cm	N/A	38.6	35.4
Turbidity	NTU	OG<1	<0.10	<0.10
Hardness, Total (as CaCO ₃)	mg/L	None Required	11.7	11.2
Aluminum, total	mg/L	OG<0.1	0.0081	0.0261
Antimony, total	mg/L	MAC=0.006	<0.00020	<0.00020
Arsenic, total	mg/L	MAC=0.01	<0.00050	<0.00050
Barium, total	mg/L	MAC=1	<0.0050	<0.0050
Boron, total	mg/L	MAC=5	<0.0050	<0.0050
Cadmium, total	mg/L	MAC=0.005	0.000012	<0.000010
Calcium, total	mg/L	None Required	4.39	4.22
Chromium, total	mg/L	MAC=0.05	<0.00050	<0.00050
Copper, total	mg/L	AO≤1	0.608	0.0396
Iron, total	mg/L	AO≤0.3	<0.010	<0.010
Lead, total	mg/L	MAC=0.01	0.00195	<0.00020
Magnesium, total	mg/L	None Required	0.167	0.159
Manganese, total	mg/L	AO≤0.05	0.00135	0.00178
Mercury, total	mg/L	MAC=0.001	<0.000010	<0.000010
Selenium, total	mg/L	MAC=0.05	<0.00050	<0.00050
Silver, total	mg/L	None Required	<0.000050	<0.000050
Sodium, total	mg/L	AO≤200	1.57	1.59
Uranium, total	mg/L	MAC=0.02	<0.000020	<0.000020
Zinc, total	mg/L	AO≤5	0.0228	<0.0040

MAC = maximum acceptable concentrations AO = aesthetic objectives OG = operational guidance values Guideline not met



UBC Drinking Water Quality Results, November 2018

Earth & Ocean Sciences Main

Analyte	Units	Health Canada - Canadian Drinking Water Quality Guidelines	Immediate Sample (0 min)	After 5 Minutes
Coliforms, Total	CFU/100 mL	MAC = 0	<1	<1
E. coli	CFU/100 mL	MAC = 0	<1	<1
Temperature	°C	AO ≤ 15°C		12.1
pH	pH units	7.0-10.5	7.24	7.17
Conductivity	uS/cm	N/A	35	34.7
Turbidity	NTU	OG<1	1.12	1
Hardness, Total (as CaCO ₃)	mg/L	None Required	11.7	12
Aluminum, total	mg/L	OG<0.1	0.0749	0.0456
Antimony, total	mg/L	MAC=0.006	<0.00020	<0.00020
Arsenic, total	mg/L	MAC=0.01	<0.00050	<0.00050
Barium, total	mg/L	MAC=1	<0.0050	<0.0050
Boron, total	mg/L	MAC=5	0.0059	0.0055
Cadmium, total	mg/L	MAC=0.005	<0.000010	<0.000010
Calcium, total	mg/L	None Required	4.41	4.46
Chromium, total	mg/L	MAC=0.05	<0.00050	<0.00050
Copper, total	mg/L	AO≤1	0.307	0.0722
Iron, total	mg/L	AO≤0.3	0.075	0.028
Lead, total	mg/L	MAC=0.01	0.00185	0.00075
Magnesium, total	mg/L	None Required	0.167	0.215
Manganese, total	mg/L	AO≤0.05	0.0442	0.0127
Mercury, total	mg/L	MAC=0.001	<0.000010	<0.000010
Selenium, total	mg/L	MAC=0.05	<0.00050	<0.00050
Silver, total	mg/L	None Required	<0.000050	<0.000050
Sodium, total	mg/L	AO≤200	1.56	2.07
Uranium, total	mg/L	MAC=0.02	0.000024	<0.000020
Zinc, total	mg/L	AO≤5	0.0077	0.0051

MAC = maximum acceptable concentrations AO = aesthetic objectives OG = operational guidance values Guideline not met



UBC Drinking Water Quality Results, November 2018

Fairview Crescent Student Housing

Analyte	Units	Health Canada - Canadian Drinking Water Quality Guidelines	Immediate Sample (0 min)	After 5 Minutes
Coliforms, Total	CFU/100 mL	MAC = 0	<1	<1
E. coli	CFU/100 mL	MAC = 0	<1	<1
Temperature	°C	AO ≤ 15°C		13.5
pH	pH units	7.0-10.5	7.38	7.45
Conductivity	uS/cm	N/A	35.2	36.5
Turbidity	NTU	OG<1	0.36	<0.10
Hardness, Total (as CaCO ₃)	mg/L	None Required	10.9	10.9
Aluminum, total	mg/L	OG<0.1	0.0224	0.0254
Antimony, total	mg/L	MAC=0.006	<0.00020	<0.00020
Arsenic, total	mg/L	MAC=0.01	<0.00050	<0.00050
Barium, total	mg/L	MAC=1	<0.0050	<0.0050
Boron, total	mg/L	MAC=5	<0.0050	<0.0050
Cadmium, total	mg/L	MAC=0.005	<0.000010	<0.000010
Calcium, total	mg/L	None Required	4.1	4.1
Chromium, total	mg/L	MAC=0.05	<0.00050	<0.00050
Copper, total	mg/L	AO≤1	0.0256	0.0165
Iron, total	mg/L	AO≤0.3	0.012	0.012
Lead, total	mg/L	MAC=0.01	0.00032	<0.00020
Magnesium, total	mg/L	None Required	0.16	0.156
Manganese, total	mg/L	AO≤0.05	0.00111	0.00125
Mercury, total	mg/L	MAC=0.001	<0.000010	<0.000010
Selenium, total	mg/L	MAC=0.05	<0.00050	<0.00050
Silver, total	mg/L	None Required	<0.000050	<0.000050
Sodium, total	mg/L	AO≤200	1.53	1.53
Uranium, total	mg/L	MAC=0.02	<0.000020	<0.000020
Zinc, total	mg/L	AO≤5	0.0048	0.0043

MAC = maximum acceptable concentrations AO = aesthetic objectives OG = operational guidance values Guideline not met



UBC Drinking Water Quality Results, November 2018

First Nations Longhouse

Analyte	Units	Health Canada - Canadian Drinking Water Quality Guidelines	Immediate Sample (0 min)	After 5 Minutes
Coliforms, Total	CFU/100 mL	MAC = 0	<1	<1
E. coli	CFU/100 mL	MAC = 0	<1	<1
Temperature	°C	AO ≤ 15°C		12.4
pH	pH units	7.0-10.5	7.16	7.18
Conductivity	uS/cm	N/A	36.4	35.5
Turbidity	NTU	OG<1	<0.10	<0.10
Hardness, Total (as CaCO ₃)	mg/L	None Required	12.2	11.9
Aluminum, total	mg/L	OG<0.1	0.0477	0.0232
Antimony, total	mg/L	MAC=0.006	<0.00020	<0.00020
Arsenic, total	mg/L	MAC=0.01	<0.00050	<0.00050
Barium, total	mg/L	MAC=1	<0.0050	<0.0050
Boron, total	mg/L	MAC=5	0.0069	0.0064
Cadmium, total	mg/L	MAC=0.005	<0.000010	<0.000010
Calcium, total	mg/L	None Required	4.59	4.5
Chromium, total	mg/L	MAC=0.05	<0.00050	<0.00050
Copper, total	mg/L	AO≤1	0.501	0.0892
Iron, total	mg/L	AO≤0.3	0.04	0.019
Lead, total	mg/L	MAC=0.01	0.00227	<0.00020
Magnesium, total	mg/L	None Required	0.169	0.161
Manganese, total	mg/L	AO≤0.05	0.00333	0.00106
Mercury, total	mg/L	MAC=0.001	<0.000010	<0.000010
Selenium, total	mg/L	MAC=0.05	<0.00050	<0.00050
Silver, total	mg/L	None Required	<0.000050	<0.000050
Sodium, total	mg/L	AO≤200	1.61	1.54
Uranium, total	mg/L	MAC=0.02	<0.000020	<0.000020
Zinc, total	mg/L	AO≤5	0.0264	0.0058

MAC = maximum acceptable concentrations AO = aesthetic objectives OG = operational guidance values Guideline not met



UBC Drinking Water Quality Results, November 2018

Forest Sciences

Analyte	Units	Health Canada - Canadian Drinking Water Quality Guidelines	Immediate Sample (0 min)	After 5 Minutes
Coliforms, Total	CFU/100 mL	MAC = 0	<1	<1
E. coli	CFU/100 mL	MAC = 0	<1	<1
Temperature	°C	AO ≤ 15°C		11.8
pH	pH units	7.0-10.5	7.2	7.07
Conductivity	uS/cm	N/A	36	35.2
Turbidity	NTU	OG<1	<0.10	<0.10
Hardness, Total (as CaCO ₃)	mg/L	None Required	11.3	10.9
Aluminum, total	mg/L	OG<0.1	0.0266	0.0392
Antimony, total	mg/L	MAC=0.006	<0.00020	<0.00020
Arsenic, total	mg/L	MAC=0.01	<0.00050	<0.00050
Barium, total	mg/L	MAC=1	<0.0050	<0.0050
Boron, total	mg/L	MAC=5	<0.0050	<0.0050
Cadmium, total	mg/L	MAC=0.005	<0.000010	<0.000010
Calcium, total	mg/L	None Required	4.24	4.12
Chromium, total	mg/L	MAC=0.05	<0.00050	<0.00050
Copper, total	mg/L	AO≤1	0.0325	0.0132
Iron, total	mg/L	AO≤0.3	<0.010	<0.010
Lead, total	mg/L	MAC=0.01	<0.00020	<0.00020
Magnesium, total	mg/L	None Required	0.158	0.153
Manganese, total	mg/L	AO≤0.05	0.00326	0.00355
Mercury, total	mg/L	MAC=0.001	<0.000010	<0.000010
Selenium, total	mg/L	MAC=0.05	<0.00050	<0.00050
Silver, total	mg/L	None Required	<0.000050	<0.000050
Sodium, total	mg/L	AO≤200	1.53	1.49
Uranium, total	mg/L	MAC=0.02	<0.000020	<0.000020
Zinc, total	mg/L	AO≤5	<0.0040	<0.0040

MAC = maximum acceptable concentrations AO = aesthetic objectives OG = operational guidance values Guideline not met



UBC Drinking Water Quality Results, November 2018

Frank Forward

Analyte	Units	Health Canada - Canadian Drinking Water Quality Guidelines	Immediate Sample (0 min)	After 5 Minutes
Coliforms, Total	CFU/100 mL	MAC = 0	<1	<1
E. coli	CFU/100 mL	MAC = 0	<1	<1
Temperature	°C	AO ≤ 15°C		12.1
pH	pH units	7.0-10.5	7.21	7.07
Conductivity	uS/cm	N/A	36	34.4
Turbidity	NTU	OG<1	0.12	<0.10
Hardness, Total (as CaCO ₃)	mg/L	None Required	12.1	11.7
Aluminum, total	mg/L	OG<0.1	0.0243	0.0308
Antimony, total	mg/L	MAC=0.006	<0.00020	<0.00020
Arsenic, total	mg/L	MAC=0.01	<0.00050	<0.00050
Barium, total	mg/L	MAC=1	<0.0050	<0.0050
Boron, total	mg/L	MAC=5	0.0082	0.0073
Cadmium, total	mg/L	MAC=0.005	<0.000010	<0.000010
Calcium, total	mg/L	None Required	4.57	4.39
Chromium, total	mg/L	MAC=0.05	<0.00050	<0.00050
Copper, total	mg/L	AO≤1	0.136	0.0106
Iron, total	mg/L	AO≤0.3	0.027	<0.010
Lead, total	mg/L	MAC=0.01	0.00023	<0.00020
Magnesium, total	mg/L	None Required	0.172	0.165
Manganese, total	mg/L	AO≤0.05	0.00333	0.00301
Mercury, total	mg/L	MAC=0.001	<0.000010	<0.000010
Selenium, total	mg/L	MAC=0.05	<0.00050	<0.00050
Silver, total	mg/L	None Required	<0.000050	<0.000050
Sodium, total	mg/L	AO≤200	1.62	1.59
Uranium, total	mg/L	MAC=0.02	<0.000020	0.00102
Zinc, total	mg/L	AO≤5	0.0079	<0.0040

MAC = maximum acceptable concentrations AO = aesthetic objectives OG = operational guidance values Guideline not met



UBC Drinking Water Quality Results, November 2018

Gage Common Block

Analyte	Units	Health Canada - Canadian Drinking Water Quality Guidelines	Immediate Sample (0 min)	After 5 Minutes
Coliforms, Total	CFU/100 mL	MAC = 0	<1	<1
E. coli	CFU/100 mL	MAC = 0	<1	<1
Temperature	°C	AO ≤ 15°C		15.4
pH	pH units	7.0-10.5	7.26	7.22
Conductivity	uS/cm	N/A	35.2	35.5
Turbidity	NTU	OG<1	0.18	0.15
Hardness, Total (as CaCO ₃)	mg/L	None Required	11.6	11.6
Aluminum, total	mg/L	OG<0.1	0.0118	0.0297
Antimony, total	mg/L	MAC=0.006	<0.00020	<0.00020
Arsenic, total	mg/L	MAC=0.01	<0.00050	<0.00050
Barium, total	mg/L	MAC=1	<0.0050	<0.0050
Boron, total	mg/L	MAC=5	<0.0050	<0.0050
Cadmium, total	mg/L	MAC=0.005	0.000021	<0.000010
Calcium, total	mg/L	None Required	4.36	4.39
Chromium, total	mg/L	MAC=0.05	<0.00050	<0.00050
Copper, total	mg/L	AO≤1	0.371	0.0118
Iron, total	mg/L	AO≤0.3	0.01	0.015
Lead, total	mg/L	MAC=0.01	0.00079	<0.00020
Magnesium, total	mg/L	None Required	0.166	0.146
Manganese, total	mg/L	AO≤0.05	0.00225	0.0014
Mercury, total	mg/L	MAC=0.001	<0.000010	<0.000010
Selenium, total	mg/L	MAC=0.05	<0.00050	<0.00050
Silver, total	mg/L	None Required	<0.000050	<0.000050
Sodium, total	mg/L	AO≤200	1.62	1.59
Uranium, total	mg/L	MAC=0.02	<0.000020	<0.000020
Zinc, total	mg/L	AO≤5	0.0978	0.0057

MAC = maximum acceptable concentrations AO = aesthetic objectives OG = operational guidance values Guideline not met



UBC Drinking Water Quality Results, November 2018

Green College Graham House

Analyte	Units	Health Canada - Canadian Drinking Water Quality Guidelines	Immediate Sample (0 min)	After 5 Minutes
Coliforms, Total	CFU/100 mL	MAC = 0	<1	<1
E. coli	CFU/100 mL	MAC = 0	<1	<1
Temperature	°C	AO ≤ 15°C		14.9
pH	pH units	7.0-10.5	7.15	7.17
Conductivity	uS/cm	N/A	36.6	34.8
Turbidity	NTU	OG<1	<0.10	<0.10
Hardness, Total (as CaCO ₃)	mg/L	None Required	10.9	10.9
Aluminum, total	mg/L	OG<0.1	0.021	0.0229
Antimony, total	mg/L	MAC=0.006	<0.00020	<0.00020
Arsenic, total	mg/L	MAC=0.01	<0.00050	<0.00050
Barium, total	mg/L	MAC=1	<0.0050	<0.0050
Boron, total	mg/L	MAC=5	<0.0050	<0.0050
Cadmium, total	mg/L	MAC=0.005	<0.000010	<0.000010
Calcium, total	mg/L	None Required	4.12	4.12
Chromium, total	mg/L	MAC=0.05	<0.00050	<0.00050
Copper, total	mg/L	AO≤1	0.0611	0.0251
Iron, total	mg/L	AO≤0.3	0.02	0.024
Lead, total	mg/L	MAC=0.01	<0.00020	<0.00020
Magnesium, total	mg/L	None Required	0.153	0.154
Manganese, total	mg/L	AO≤0.05	0.00083	0.00092
Mercury, total	mg/L	MAC=0.001	<0.000010	<0.000010
Selenium, total	mg/L	MAC=0.05	<0.00050	<0.00050
Silver, total	mg/L	None Required	<0.000050	<0.000050
Sodium, total	mg/L	AO≤200	1.52	1.5
Uranium, total	mg/L	MAC=0.02	<0.000020	<0.000020
Zinc, total	mg/L	AO≤5	0.0047	<0.0040

MAC = maximum acceptable concentrations AO = aesthetic objectives OG = operational guidance values Guideline not met



UBC Drinking Water Quality Results, November 2018 Hennings

Analyte	Units	Health Canada - Canadian Drinking Water Quality Guidelines	Immediate Sample (0 min)	After 5 Minutes
Coliforms, Total	CFU/100 mL	MAC = 0	<1	<1
E. coli	CFU/100 mL	MAC = 0	<1	<1
Temperature	°C	AO ≤ 15°C		13.8
pH	pH units	7.0-10.5	7.16	7.31
Conductivity	uS/cm	N/A	35.2	34.9
Turbidity	NTU	OG<1	0.67	0.29
Hardness, Total (as CaCO ₃)	mg/L	None Required	11.7	11.3
Aluminum, total	mg/L	OG<0.1	0.0258	0.0247
Antimony, total	mg/L	MAC=0.006	<0.00020	<0.00020
Arsenic, total	mg/L	MAC=0.01	<0.00050	<0.00050
Barium, total	mg/L	MAC=1	<0.0050	<0.0050
Boron, total	mg/L	MAC=5	0.0052	0.0054
Cadmium, total	mg/L	MAC=0.005	<0.000010	<0.000010
Calcium, total	mg/L	None Required	4.42	4.22
Chromium, total	mg/L	MAC=0.05	<0.00050	<0.00050
Copper, total	mg/L	AO≤1	0.049	0.0842
Iron, total	mg/L	AO≤0.3	0.015	0.016
Lead, total	mg/L	MAC=0.01	0.00021	0.0003
Magnesium, total	mg/L	None Required	0.168	0.169
Manganese, total	mg/L	AO≤0.05	0.00134	0.00268
Mercury, total	mg/L	MAC=0.001	<0.000010	<0.000010
Selenium, total	mg/L	MAC=0.05	<0.00050	<0.00050
Silver, total	mg/L	None Required	<0.000050	<0.000050
Sodium, total	mg/L	AO≤200	1.64	1.58
Uranium, total	mg/L	MAC=0.02	<0.000020	<0.000020
Zinc, total	mg/L	AO≤5	<0.0040	<0.0040

MAC = maximum acceptable concentrations AO = aesthetic objectives OG = operational guidance values Guideline not met



UBC Drinking Water Quality Results, November 2018

Life Sciences Centre (LSC)

Analyte	Units	Health Canada - Canadian Drinking Water Quality Guidelines	Immediate Sample (0 min)	After 5 Minutes
Coliforms, Total	CFU/100 mL	MAC = 0	<1	<1
E. coli	CFU/100 mL	MAC = 0	<1	<1
Temperature	°C	AO ≤ 15°C		22.3
pH	pH units	7.0-10.5	7.07	7.24
Conductivity	uS/cm	N/A	40.7	36.6
Turbidity	NTU	OG<1	0.85	0.45
Hardness, Total (as CaCO ₃)	mg/L	None Required	11.5	11.6
Aluminum, total	mg/L	OG<0.1	0.0094	0.029
Antimony, total	mg/L	MAC=0.006	<0.00020	<0.00020
Arsenic, total	mg/L	MAC=0.01	<0.00050	<0.00050
Barium, total	mg/L	MAC=1	<0.0050	<0.0050
Boron, total	mg/L	MAC=5	<0.0050	<0.0050
Cadmium, total	mg/L	MAC=0.005	<0.000010	<0.000010
Calcium, total	mg/L	None Required	4.31	4.36
Chromium, total	mg/L	MAC=0.05	<0.00050	<0.00050
Copper, total	mg/L	AO≤1	1.13	0.156
Iron, total	mg/L	AO≤0.3	<0.010	0.01
Lead, total	mg/L	MAC=0.01	0.00045	0.0002
Magnesium, total	mg/L	None Required	0.171	0.166
Manganese, total	mg/L	AO≤0.05	0.00361	0.0074
Mercury, total	mg/L	MAC=0.001	<0.000010	<0.000010
Selenium, total	mg/L	MAC=0.05	<0.00050	<0.00050
Silver, total	mg/L	None Required	<0.000050	<0.000050
Sodium, total	mg/L	AO≤200	1.6	1.64
Uranium, total	mg/L	MAC=0.02	<0.000020	<0.000020
Zinc, total	mg/L	AO≤5	0.0196	<0.0040

MAC = maximum acceptable concentrations AO = aesthetic objectives OG = operational guidance values Guideline not met



UBC Drinking Water Quality Results, November 2018

Medical Block C

Analyte	Units	Health Canada - Canadian Drinking Water Quality Guidelines	Immediate Sample (0 min)	After 5 Minutes
Coliforms, Total	CFU/100 mL	MAC = 0	<1	<1
E. coli	CFU/100 mL	MAC = 0	<1	<1
Temperature	°C	AO ≤ 15°C		14.7
pH	pH units	7.0-10.5	7.19	7.16
Conductivity	uS/cm	N/A	35.1	34.4
Turbidity	NTU	OG<1	<0.10	<0.10
Hardness, Total (as CaCO ₃)	mg/L	None Required	10.9	10.9
Aluminum, total	mg/L	OG<0.1	0.0227	0.0236
Antimony, total	mg/L	MAC=0.006	<0.00020	<0.00020
Arsenic, total	mg/L	MAC=0.01	<0.00050	<0.00050
Barium, total	mg/L	MAC=1	<0.0050	<0.0050
Boron, total	mg/L	MAC=5	<0.0050	<0.0050
Cadmium, total	mg/L	MAC=0.005	<0.000010	<0.000010
Calcium, total	mg/L	None Required	4.1	4.1
Chromium, total	mg/L	MAC=0.05	<0.00050	<0.00050
Copper, total	mg/L	AO≤1	0.0842	0.0708
Iron, total	mg/L	AO≤0.3	0.011	0.011
Lead, total	mg/L	MAC=0.01	0.00035	<0.00020
Magnesium, total	mg/L	None Required	0.158	0.157
Manganese, total	mg/L	AO≤0.05	0.00204	0.00213
Mercury, total	mg/L	MAC=0.001	<0.000010	<0.000010
Selenium, total	mg/L	MAC=0.05	<0.00050	<0.00050
Silver, total	mg/L	None Required	<0.000050	<0.000050
Sodium, total	mg/L	AO≤200	1.51	1.52
Uranium, total	mg/L	MAC=0.02	<0.000020	<0.000020
Zinc, total	mg/L	AO≤5	0.0052	<0.0040

MAC = maximum acceptable concentrations AO = aesthetic objectives OG = operational guidance values Guideline not met



UBC Drinking Water Quality Results, November 2018

School of Population and Public Health (SPPH)

Analyte	Units	Health Canada - Canadian Drinking Water Quality Guidelines	Immediate Sample (0 min)	After 5 Minutes
Coliforms, Total	CFU/100 mL	MAC = 0	<1	<1
E. coli	CFU/100 mL	MAC = 0	<1	<1
Temperature	°C	AO ≤ 15°C		14.7
pH	pH units	7.0-10.5	7.16	7.17
Conductivity	uS/cm	N/A	34.6	35.6
Turbidity	NTU	OG<1	<0.10	<0.10
Hardness, Total (as CaCO ₃)	mg/L	None Required	11.9	11.7
Aluminum, total	mg/L	OG<0.1	0.0348	0.0309
Antimony, total	mg/L	MAC=0.006	<0.00020	<0.00020
Arsenic, total	mg/L	MAC=0.01	<0.00050	<0.00050
Barium, total	mg/L	MAC=1	<0.0050	<0.0050
Boron, total	mg/L	MAC=5	0.0112	0.0091
Cadmium, total	mg/L	MAC=0.005	<0.000010	<0.000010
Calcium, total	mg/L	None Required	4.47	4.42
Chromium, total	mg/L	MAC=0.05	<0.00050	<0.00050
Copper, total	mg/L	AO≤1	0.118	0.0236
Iron, total	mg/L	AO≤0.3	0.02	<0.010
Lead, total	mg/L	MAC=0.01	0.00107	0.00024
Magnesium, total	mg/L	None Required	0.171	0.169
Manganese, total	mg/L	AO≤0.05	0.02	0.00379
Mercury, total	mg/L	MAC=0.001	<0.000010	<0.000010
Selenium, total	mg/L	MAC=0.05	<0.00050	<0.00050
Silver, total	mg/L	None Required	<0.000050	<0.000050
Sodium, total	mg/L	AO≤200	1.6	1.57
Uranium, total	mg/L	MAC=0.02	0.000023	<0.000020
Zinc, total	mg/L	AO≤5	<0.0040	<0.0040

MAC = maximum acceptable concentrations AO = aesthetic objectives OG = operational guidance values Guideline not met



UBC Drinking Water Quality Results, November 2018

Thunderbird Residence

Analyte	Units	Health Canada - Canadian Drinking Water Quality Guidelines	Immediate Sample (0 min)	After 5 Minutes
Coliforms, Total	CFU/100 mL	MAC = 0	<1	<1
E. coli	CFU/100 mL	MAC = 0	<1	<1
Temperature	°C	AO ≤ 15°C		13.8
pH	pH units	7.0-10.5	7.2	7.4
Conductivity	uS/cm	N/A	36.6	35.5
Turbidity	NTU	OG<1	0.6	0.36
Hardness, Total (as CaCO ₃)	mg/L	None Required	11.1	11
Aluminum, total	mg/L	OG<0.1	0.0261	0.0258
Antimony, total	mg/L	MAC=0.006	<0.00020	<0.00020
Arsenic, total	mg/L	MAC=0.01	<0.00050	<0.00050
Barium, total	mg/L	MAC=1	<0.0050	<0.0050
Boron, total	mg/L	MAC=5	<0.0050	<0.0050
Cadmium, total	mg/L	MAC=0.005	<0.000010	<0.000010
Calcium, total	mg/L	None Required	4.18	4.15
Chromium, total	mg/L	MAC=0.05	<0.00050	<0.00050
Copper, total	mg/L	AO≤1	0.0184	0.01
Iron, total	mg/L	AO≤0.3	<0.010	<0.010
Lead, total	mg/L	MAC=0.01	0.00043	<0.00020
Magnesium, total	mg/L	None Required	0.16	0.154
Manganese, total	mg/L	AO≤0.05	0.00095	0.00111
Mercury, total	mg/L	MAC=0.001	<0.000010	<0.000010
Selenium, total	mg/L	MAC=0.05	<0.00050	<0.00050
Silver, total	mg/L	None Required	<0.000050	<0.000050
Sodium, total	mg/L	AO≤200	1.57	1.55
Uranium, total	mg/L	MAC=0.02	<0.000020	<0.000020
Zinc, total	mg/L	AO≤5	0.0102	<0.0040

MAC = maximum acceptable concentrations AO = aesthetic objectives OG = operational guidance values Guideline not met