

Lab reference #: 100049

Total Metals	DWG	Pumphouse #1 Jan 5/10 11:50	Pumphouse #2 Jan 5/10 12:20	Hemlock St. Jan 5/10 1:20	MDL
Aluminum	(0.2)	0.002	0.002	0.002	0.001
Antimony	0.006	ND	ND	ND	0.0005
Arsenic	0.010	0.0003	0.0007	0.0017	0.0001
Barium	1.0	0.013	0.025	0.066	0.001
Beryllium	4.0	ND	ND	ND	0.0001
Bismuth	-	ND	ND	ND	0.001
Boron	5	ND	ND	ND	0.05
Cadmium	0.005	0.00002	0.00001	ND	0.00001
Calcium	-	23.5	34.4	33.1	0.05
Chromium	0.05	ND	ND	ND	0.001
Cobalt	-	ND	ND	ND	0.0005
Copper	(1.0)	0.0012	0.0014	0.0004	0.0002
Iron	(0.3)	0.015	ND	0.096	0.005
Lead	0.01	ND	ND	ND	0.0002
Magnesium	-	1.69	2.68	9.43	0.05
Manganese	(0.05)	ND	ND	0.131	0.001
Molybdenum	0.25	0.001	ND	0.004	0.001
Nickel	0.2	ND	ND	ND	0.001
Phosphorus	-	ND	ND	ND	0.01
Potassium	-	0.37	0.66	3.63	0.05
Selenium	0.01	ND	0.0001	ND	0.0001
Silicon	-	5.03	5.09	5.69	0.1
Silver	-	ND	ND	ND	0.00002
Sodium	(200)	2.14	4.35	45.0	0.05
Strontium	-	0.073	0.105	0.230	0.001
Sulfur	-	ND	ND	10	3
Thallium	2	ND	ND	ND	0.00005
Tin	-	ND	ND	ND	0.005
Titanium	0.1	ND	ND	ND	0.005
Uranium	0.02	ND	0.0002	0.0012	0.0001
Vanadium	-	ND	ND	ND	0.005
Zinc	(5)	0.024	0.024	0.022	0.005
Zirconium	-	ND	ND	ND	0.0005
Hardness as CaCO ₃	(500)	66	97	121	0.33

Results are expressed as mg/l except where noted
 DWG = BC or Canadian drinking water guidelines
 () = indicates DWG limit is aesthetic, ie not health-related
 ND = less than the method detection limit indicated
 MDL = Method detection limit

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Parameter :	DWG	Pumphouse #1 Jan 5/10 11:50	Pumphouse #2 Jan 5/10 12:20	Hemlock St. Jan 5/10 1:20	MDL
pH pH units	(6.5 - 8.5)	7.6	7.9	8.0	-
Conductivity uS/cm	-	137	204	455	1
Total alkalinity as CaCO ₃	-	65.5	92.5	116	1
Turbidity NTU	1	0.18	0.12	0.28	0.05
Total dissolved solids	(500)	91	128	264	1
True colour PtCo units	(15)	1	2	4	1
Fluoride	1.5	ND	ND	0.23	0.1
Chloride	(250)	1.4	4.1	66	1
Nitrate as N	10	0.65	1.4	ND	0.1
Nitrite as N	-	ND	ND	ND	0.01
Ammonia as N	-	ND	ND	ND	0.03
Sulfate as SO ₄	(500)	2.7	5.0	25.9	0.5
Langelier saturation index	-	-1.5	-0.9	-0.7	-

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NTU = Nephelometric turbidity units
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