



EDI ENVIRONMENTAL DYNAMICS INC.
ATTN: Lyndsay Doetzel
2195 - 2nd Ave
Whitehorse YT Y1A 3T8

Date Received: 08-MAR-17
Report Date: 16-MAR-17 19:05 (MT)
Version: FINAL

Client Phone: 867-393-4882

Certificate of Analysis

Lab Work Order #: L1898852
Project P.O. #: NOT SUBMITTED
Job Reference: MOUNT NANSEN 16-Y-0089
C of C Numbers:
Legal Site Desc:

Can Dang
Senior Account Manager

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ADDRESS: 8081 Lougheed Hwy, Suite 100, Burnaby, BC V5A 1W9 Canada | Phone: +1 604 253 4188 | Fax: +1 604 253 6700
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ALS ENVIRONMENTAL ANALYTICAL REPORT

16-MAR-17 19:05 (MT)

Version: FINAL

Sample ID	Description	Sampled Date	Sampled Time	Client ID	L1898852-1	L1898852-2	L1898852-3	L1898852-4	L1898852-5
					Water	Water	Water	Water	Water
		08-MAR-17	08:40		08-MAR-17	07-MAR-17	07-MAR-17	08-MAR-17	08-MAR-17
					WQ-VC-U	WQ-VC-DBC	WQ-VC-UMN	WQ-VC-R+150	TRAVEL BLANK
Grouping	Analyte								
WATER									
Physical Tests	Colour, True (CU)								
	Conductivity (uS/cm)	206	212	269	295	<2.0			
	Hardness (as CaCO3) (mg/L)	111	109	142	151	<0.50			HTC
	pH (pH)	7.69	7.70	7.64	8.04	5.41			
	Total Suspended Solids (mg/L)	<3.0	<3.0	<3.0	<3.0	<3.0			
	Total Dissolved Solids (mg/L)								
	TDS (Calculated) (mg/L)	118	119	159	174	<1.0			
	Turbidity (NTU)								
Anions and Nutrients	Alkalinity, Bicarbonate (as CaCO3) (mg/L)	93.7	93.7	105	119	<1.0			
	Alkalinity, Carbonate (as CaCO3) (mg/L)	<1.0	<1.0	<1.0	<1.0	<1.0			
	Alkalinity, Hydroxide (as CaCO3) (mg/L)	<1.0	<1.0	<1.0	<1.0	<1.0			
	Alkalinity, Total (as CaCO3) (mg/L)	93.7	93.7	105	119	<1.0			RRV
	Ammonia, Total (as N) (mg/L)	<0.010 ^{DLB}	<0.010 ^{DLB}	<0.010 ^{DLB}	<0.010 ^{DLB}	<0.010			
	Bromide (Br) (mg/L)	<0.050	<0.050	<0.050	<0.050	<0.050			
	Chloride (Cl) (mg/L)	<0.50	<0.50	<0.50	<0.50	<0.50			
	Fluoride (F) (mg/L)	0.039	0.040	0.042	0.050	<0.020			
	Nitrate (as N) (mg/L)	0.104	0.101	0.0978	0.158	<0.0050			
	Nitrite (as N) (mg/L)	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010			
	Sulfate (SO4) (mg/L)	19.1	20.2	41.8	44.2	<0.30			
	Anion Sum (meq/L)	2.28	2.30	2.98	3.32	<0.10			
	Cation Sum (meq/L)	2.37	2.34	3.02	3.23	<0.10			
	Cation - Anion Balance (%)	2.0	0.7	0.6	-1.3	0.0			
Cyanides	Cyanide, Weak Acid Diss (mg/L)	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050			
	Cyanide, Total (mg/L)	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050			
	Cyanate (mg/L)	<0.20	<0.20	<0.20	<0.20	<0.20			
	Thiocyanate (SCN) (mg/L)	<0.50	<0.50	<0.50	<0.50	<0.50			
Total Metals	Aluminum (Al)-Total (mg/L)	0.0124	0.0102	0.0099	0.0170	<0.0030			
	Antimony (Sb)-Total (mg/L)	0.00013	0.00011	0.00058	0.00052	<0.00010			
	Arsenic (As)-Total (mg/L)	0.00031	0.00033	0.00077	0.00154	<0.00010			
	Barium (Ba)-Total (mg/L)	0.0992	0.0997	0.0926	0.112	<0.000050			
	Beryllium (Be)-Total (mg/L)	<0.000020	<0.000020	<0.000020	<0.000020	<0.000020			
	Bismuth (Bi)-Total (mg/L)	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050			
	Boron (B)-Total (mg/L)	<0.010	<0.010	<0.010	<0.010	<0.010			
	Cadmium (Cd)-Total (mg/L)	0.0000486	0.0000585	0.0000206	0.0000229	<0.0000050			
	Calcium (Ca)-Total (mg/L)	29.0	29.6	36.7	39.8	<0.050			
	Chromium (Cr)-Total (mg/L)	0.00014	0.00016	<0.00010	0.00014	<0.00010			
	Cobalt (Co)-Total (mg/L)	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010			

* Please refer to the Reference Information section for an explanation of any qualifiers detected.

ALS ENVIRONMENTAL ANALYTICAL REPORT

	Sample ID Description Sampled Date Sampled Time Client ID	L1898852-6	L1898852-7	L1898852-8	L1898852-9	L1898852-10
		Water 08-MAR-17 10:35 FIELD BLANK	Water 06-MAR-17 17:45 WQ-DC-U	Water 06-MAR-17 19:10 WQ-TP	Water 07-MAR-17 18:40 WQ-SEEP	Water 07-MAR-17 18:45 WQ-SEEP-R
Grouping	Analyte					
WATER						
Physical Tests	Colour, True (CU)					
	Conductivity (uS/cm)	<2.0	1470	3380	1570	1570
	Hardness (as CaCO3) (mg/L)	<0.50	848	2380	882	887
	pH (pH)	5.39	7.95	7.82	7.70	7.72
	Total Suspended Solids (mg/L)	<3.0	49.5	419	51.4	49.9
	Total Dissolved Solids (mg/L)					
	TDS (Calculated) (mg/L)	<1.0	1150	3470	1260	1250
	Turbidity (NTU)					
Anions and Nutrients	Alkalinity, Bicarbonate (as CaCO3) (mg/L)	<1.0	288	404	287	291
	Alkalinity, Carbonate (as CaCO3) (mg/L)	<1.0	<1.0	<1.0	<1.0	<1.0
	Alkalinity, Hydroxide (as CaCO3) (mg/L)	<1.0	<1.0	<1.0	<1.0	<1.0
	Alkalinity, Total (as CaCO3) (mg/L)	<1.0	288	404	287	291
	Ammonia, Total (as N) (mg/L)	<0.010 ^{RRV}	3.80	1.58	4.98	5.00
	Bromide (Br) (mg/L)	<0.050	<0.25 ^{DLDS}	<1.0 ^{DLDS}	<0.25 ^{DLDS}	<0.25 ^{DLDS}
	Chloride (Cl) (mg/L)	<0.50	<2.5 ^{DLDS}	<10 ^{DLDS}	<2.5 ^{DLDS}	<2.5 ^{DLDS}
	Fluoride (F) (mg/L)	<0.020	0.10	0.47 ^{DLDS}	<0.10 ^{DLDS}	<0.10 ^{DLDS}
	Nitrate (as N) (mg/L)	<0.0050	0.287	<0.10 ^{DLDS}	0.619	0.607
	Nitrite (as N) (mg/L)	<0.0010	0.0160	<0.020 ^{DLDS}	0.0238	0.0209
	Sulfate (SO4) (mg/L)	<0.30	618	2240	694	680
	Anion Sum (meq/L)	<0.10	18.6	54.7	20.2	20.0
	Cation Sum (meq/L)	<0.10	19.3	52.1	21.1	21.0
	Cation - Anion Balance (%)	0.0	1.7	-2.4	2.0	2.4
	Cyanides	Cyanide, Weak Acid Diss (mg/L)	<0.0050	<0.0050	<0.0050	0.0068
Cyanide, Total (mg/L)		<0.0050	0.0136	<0.0050	0.0195	0.0227
Cyanate (mg/L)		<0.20	<0.20	<0.20	<0.20	<0.20
Thiocyanate (SCN) (mg/L)		<0.50	3.37	0.69	5.58	5.59
Total Metals	Aluminum (Al)-Total (mg/L)	<0.0030	0.0760	2.45	0.0192	0.0188
	Antimony (Sb)-Total (mg/L)	<0.00010	0.00045	0.187	0.00056	0.00056
	Arsenic (As)-Total (mg/L)	<0.00010	0.0778	2.36	0.104	0.107
	Barium (Ba)-Total (mg/L)	<0.000050	0.0941	0.176	0.0696	0.0711
	Beryllium (Be)-Total (mg/L)	<0.000020	<0.000020	0.00018	<0.000020	<0.000020
	Bismuth (Bi)-Total (mg/L)	<0.000050	<0.000050	0.0201	<0.000050	<0.000050
	Boron (B)-Total (mg/L)	<0.010	0.041	0.174	0.053	0.052
	Cadmium (Cd)-Total (mg/L)	<0.0000050	0.000194	0.0210	0.000488	0.000492
	Calcium (Ca)-Total (mg/L)	<0.050	245	770	268	267
	Chromium (Cr)-Total (mg/L)	<0.00010	0.00063	0.00583	0.00074	0.00073
	Cobalt (Co)-Total (mg/L)	<0.00010	0.00599	0.0189	0.00793	0.00803

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ALS ENVIRONMENTAL ANALYTICAL REPORT

Grouping	Analyte	Sample ID Description Sampled Date Sampled Time Client ID				
		L1898852-11 Water 08-MAR-17 08:55 WQ-PW				
WATER						
Physical Tests	Colour, True (CU)		<5.0			
	Conductivity (uS/cm)		348			
	Hardness (as CaCO3) (mg/L)		186 ^{HTC}			
	pH (pH)		8.16			
	Total Suspended Solids (mg/L)					
	Total Dissolved Solids (mg/L)		217			
	TDS (Calculated) (mg/L)					
	Turbidity (NTU)		<0.10			
Anions and Nutrients	Alkalinity, Bicarbonate (as CaCO3) (mg/L)					
	Alkalinity, Carbonate (as CaCO3) (mg/L)					
	Alkalinity, Hydroxide (as CaCO3) (mg/L)					
	Alkalinity, Total (as CaCO3) (mg/L)		160			
	Ammonia, Total (as N) (mg/L)					
	Bromide (Br) (mg/L)					
	Chloride (Cl) (mg/L)		<0.50			
	Fluoride (F) (mg/L)		0.097			
	Nitrate (as N) (mg/L)		0.122			
	Nitrite (as N) (mg/L)		0.0011			
	Sulfate (SO4) (mg/L)		30.6			
	Anion Sum (meq/L)					
	Cation Sum (meq/L)					
	Cation - Anion Balance (%)					
Cyanides	Cyanide, Weak Acid Diss (mg/L)					
	Cyanide, Total (mg/L)					
	Cyanate (mg/L)					
	Thiocyanate (SCN) (mg/L)					
Total Metals	Aluminum (Al)-Total (mg/L)		<0.010			
	Antimony (Sb)-Total (mg/L)		<0.00050			
	Arsenic (As)-Total (mg/L)		0.00051			
	Barium (Ba)-Total (mg/L)		0.091			
	Beryllium (Be)-Total (mg/L)					
	Bismuth (Bi)-Total (mg/L)					
	Boron (B)-Total (mg/L)		<0.10			
	Cadmium (Cd)-Total (mg/L)		<0.00020			
	Calcium (Ca)-Total (mg/L)		42.7			
	Chromium (Cr)-Total (mg/L)		<0.0020			
	Cobalt (Co)-Total (mg/L)					

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ALS ENVIRONMENTAL ANALYTICAL REPORT

	Sample ID Description Sampled Date Sampled Time Client ID	L1898852-1	L1898852-2	L1898852-3	L1898852-4	L1898852-5
		Water 08-MAR-17 08:40 WQ-VC-U	Water 07-MAR-17 14:50 WQ-VC-DBC	Water 07-MAR-17 13:00 WQ-VC-UMN	Water 08-MAR-17 14:45 WQ-VC-R+150	Water 08-MAR-17 TRAVEL BLANK
Grouping	Analyte					
WATER						
Total Metals	Copper (Cu)-Total (mg/L)	0.00143	0.00141	0.00130	0.00156	<0.00050
	Iron (Fe)-Total (mg/L)	0.014	0.013	0.014	0.023	<0.010
	Lead (Pb)-Total (mg/L)	<0.000050	<0.000050	<0.000050	0.000051	<0.000050
	Lithium (Li)-Total (mg/L)	<0.0010	<0.0010	0.0013	0.0025	<0.0010
	Magnesium (Mg)-Total (mg/L)	10.3	10.3	13.7	15.0	<0.10
	Manganese (Mn)-Total (mg/L)	0.271	0.283	0.0342	0.0132	<0.00010
	Mercury (Hg)-Total (mg/L)	<0.0000050	<0.0000050	<0.0000050	<0.0000050	<0.0000050
	Molybdenum (Mo)-Total (mg/L)	0.000329	0.000338	0.000267	0.000517	<0.000050
	Nickel (Ni)-Total (mg/L)	0.00072	0.00078	0.00062	<0.00050	<0.00050
	Phosphorus (P)-Total (mg/L)	<0.050	<0.050	<0.050	<0.050	<0.050
	Potassium (K)-Total (mg/L)	0.80	0.78	1.04	1.27	<0.10
	Selenium (Se)-Total (mg/L)	<0.000050	<0.000050	0.000086	0.000068	<0.000050
	Silicon (Si)-Total (mg/L)	6.53	6.63	6.86	7.95	<0.050
	Silver (Ag)-Total (mg/L)	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010
	Sodium (Na)-Total (mg/L)	3.11	3.11	4.13	4.66	<0.050
	Strontium (Sr)-Total (mg/L)	0.296	0.304	0.337	0.375	<0.00020
	Sulfur (S)-Total (mg/L)	6.61	6.93	14.7	17.1	<0.50
	Thallium (Tl)-Total (mg/L)	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010
	Tin (Sn)-Total (mg/L)	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
	Titanium (Ti)-Total (mg/L)	<0.00030	<0.00030	<0.00030	0.00048	<0.00030
	Uranium (U)-Total (mg/L)	0.000463	0.000504	0.000526	0.000788	<0.000010
	Vanadium (V)-Total (mg/L)	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
	Zinc (Zn)-Total (mg/L)	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030
	Zirconium (Zr)-Total (mg/L)	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030
Dissolved Metals	Dissolved Mercury Filtration Location	FIELD	FIELD	FIELD	FIELD	
	Dissolved Metals Filtration Location	FIELD	FIELD	FIELD	FIELD	
	Aluminum (Al)-Dissolved (mg/L)	0.0065	0.0065	0.0056	0.0041	
	Antimony (Sb)-Dissolved (mg/L)	<0.00010	<0.00010	0.00054	0.00048	
	Arsenic (As)-Dissolved (mg/L)	0.00028	0.00025	0.00065	0.00129	
	Barium (Ba)-Dissolved (mg/L)	0.0970	0.0938	0.0874	0.100	
	Beryllium (Be)-Dissolved (mg/L)	<0.000020	<0.000020	<0.000020	<0.000020	
	Bismuth (Bi)-Dissolved (mg/L)	<0.000050	<0.000050	<0.000050	<0.000050	
	Boron (B)-Dissolved (mg/L)	<0.010	<0.010	<0.010	<0.010	
	Cadmium (Cd)-Dissolved (mg/L)	0.0000500	0.0000507	0.0000203	0.0000195	
	Calcium (Ca)-Dissolved (mg/L)	28.1	28.5	36.5	38.7	
	Chromium (Cr)-Dissolved (mg/L)	<0.00010	<0.00010	<0.00010	<0.00010	
	Cobalt (Co)-Dissolved (mg/L)	<0.00010	<0.00010	<0.00010	<0.00010	

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ALS ENVIRONMENTAL ANALYTICAL REPORT

16-MAR-17 19:05 (MT)

Version: FINAL

Sample ID	Description	Sampled Date	Sampled Time	Client ID	L1898852-6	L1898852-7	L1898852-8	L1898852-9	L1898852-10
					Water	Water	Water	Water	Water
		08-MAR-17	10:35	FIELD BLANK	08-MAR-17	06-MAR-17	06-MAR-17	07-MAR-17	07-MAR-17
					10:35	17:45	19:10	18:40	18:45
					FIELD BLANK	WQ-DC-U	WQ-TP	WQ-SEEP	WQ-SEEP-R
Grouping	Analyte								
WATER									
Total Metals	Copper (Cu)-Total (mg/L)	<0.00050	0.00162	1.18	0.00332	0.00341			
	Iron (Fe)-Total (mg/L)	<0.010	9.40	31.0	22.1	22.8			
	Lead (Pb)-Total (mg/L)	<0.000050	0.000125	1.09	0.000168	0.000091			
	Lithium (Li)-Total (mg/L)	<0.0010	0.0012	0.0207	<0.0010	<0.0010			
	Magnesium (Mg)-Total (mg/L)	<0.10	66.1	140	59.7	61.0			
	Manganese (Mn)-Total (mg/L)	<0.00010	5.56	25.8	6.48	6.61			
	Mercury (Hg)-Total (mg/L)	<0.0000050	<0.0000050	0.0000220	<0.0000050	<0.0000050			
	Molybdenum (Mo)-Total (mg/L)	<0.000050	0.00107	0.00729	0.00108	0.00111			
	Nickel (Ni)-Total (mg/L)	<0.00050	0.00252	0.0130	0.00308	0.00325			
	Phosphorus (P)-Total (mg/L)	<0.050	0.064	0.28	0.059	0.052			
	Potassium (K)-Total (mg/L)	<0.10	5.96	47.0	6.59	6.78			
	Selenium (Se)-Total (mg/L)	<0.000050	0.000195	0.00030	0.000271	0.000270			
	Silicon (Si)-Total (mg/L)	<0.050	8.45	11.9	8.95	9.13			
	Silver (Ag)-Total (mg/L)	<0.000010	0.000017	0.0198	0.000036	0.000030			
	Sodium (Na)-Total (mg/L)	<0.050	32.8	48.7	38.4	39.9			
	Strontium (Sr)-Total (mg/L)	<0.00020	0.751	2.07	0.789	0.784			
	Sulfur (S)-Total (mg/L)	<0.50	257	815	276	281			
	Thallium (Tl)-Total (mg/L)	<0.000010	<0.000010	0.000815 ^{DLA}	<0.000010	<0.000010			
	Tin (Sn)-Total (mg/L)	<0.00010	<0.00010	<0.00050 ^{DLA}	<0.00010	<0.00010			
	Titanium (Ti)-Total (mg/L)	<0.00030	0.00399	0.0098	0.00139	0.00161			
	Uranium (U)-Total (mg/L)	<0.000010	0.00173	0.00529	0.00184	0.00184			
	Vanadium (V)-Total (mg/L)	<0.00050	0.00226	0.0079	0.00361	0.00363			
	Zinc (Zn)-Total (mg/L)	<0.0030	0.0230	1.55 ^{DLA}	0.0475	0.0481			
	Zirconium (Zr)-Total (mg/L)	<0.00030	0.00050	<0.0015 ^{DLA}	0.00083	0.00084			
Dissolved Metals	Dissolved Mercury Filtration Location	FIELD	FIELD	FIELD	FIELD	FIELD			
	Dissolved Metals Filtration Location	FIELD	FIELD	FIELD	FIELD	FIELD			
	Aluminum (Al)-Dissolved (mg/L)	<0.0010	0.0084	<0.0050 ^{DLA}	0.0114	0.0107			
	Antimony (Sb)-Dissolved (mg/L)	<0.00010	0.00035	0.00719	0.00049	0.00048			
	Arsenic (As)-Dissolved (mg/L)	<0.00010	0.0606	0.687	0.0632	0.0582			
	Barium (Ba)-Dissolved (mg/L)	<0.000050	0.0888	0.101	0.0678	0.0592			
	Beryllium (Be)-Dissolved (mg/L)	<0.000020	<0.000020	<0.00010 ^{DLA}	<0.000020	<0.000020			
	Bismuth (Bi)-Dissolved (mg/L)	<0.000050	<0.000050	<0.00025 ^{DLA}	<0.000050	<0.000050			
	Boron (B)-Dissolved (mg/L)	<0.010	0.036	0.161	0.046	0.046			
	Cadmium (Cd)-Dissolved (mg/L)	<0.0000050	0.000111	0.00140	0.000354	0.000329			
	Calcium (Ca)-Dissolved (mg/L)	<0.050	236	724 ^{DLA}	258	262			
	Chromium (Cr)-Dissolved (mg/L)	<0.00010	0.00041	<0.00050 ^{DLA}	0.00046	0.00059			
	Cobalt (Co)-Dissolved (mg/L)	<0.00010	0.00563	0.0151	0.00767	0.00699			

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ALS ENVIRONMENTAL ANALYTICAL REPORT

	Sample ID Description Sampled Date Sampled Time Client ID	L1898852-11			
		Water			
		08-MAR-17			
		08:55			
		WQ-PW			
Grouping	Analyte				
WATER					
Total Metals	Copper (Cu)-Total (mg/L)	<0.0010			
	Iron (Fe)-Total (mg/L)	<0.030			
	Lead (Pb)-Total (mg/L)	0.00060			
	Lithium (Li)-Total (mg/L)				
	Magnesium (Mg)-Total (mg/L)	19.3			
	Manganese (Mn)-Total (mg/L)	<0.0020			
	Mercury (Hg)-Total (mg/L)	<0.00020			
	Molybdenum (Mo)-Total (mg/L)				
	Nickel (Ni)-Total (mg/L)				
	Phosphorus (P)-Total (mg/L)				
	Potassium (K)-Total (mg/L)	1.00			
	Selenium (Se)-Total (mg/L)	<0.0010			
	Silicon (Si)-Total (mg/L)				
	Silver (Ag)-Total (mg/L)				
	Sodium (Na)-Total (mg/L)	5.1			
	Strontium (Sr)-Total (mg/L)				
	Sulfur (S)-Total (mg/L)				
	Thallium (Tl)-Total (mg/L)				
	Tin (Sn)-Total (mg/L)				
	Titanium (Ti)-Total (mg/L)				
	Uranium (U)-Total (mg/L)	0.00167			
	Vanadium (V)-Total (mg/L)				
	Zinc (Zn)-Total (mg/L)	<0.050			
	Zirconium (Zr)-Total (mg/L)				
Dissolved Metals	Dissolved Mercury Filtration Location				
	Dissolved Metals Filtration Location				
	Aluminum (Al)-Dissolved (mg/L)				
	Antimony (Sb)-Dissolved (mg/L)				
	Arsenic (As)-Dissolved (mg/L)				
	Barium (Ba)-Dissolved (mg/L)				
	Beryllium (Be)-Dissolved (mg/L)				
	Bismuth (Bi)-Dissolved (mg/L)				
	Boron (B)-Dissolved (mg/L)				
	Cadmium (Cd)-Dissolved (mg/L)				
	Calcium (Ca)-Dissolved (mg/L)				
	Chromium (Cr)-Dissolved (mg/L)				
	Cobalt (Co)-Dissolved (mg/L)				

* Please refer to the Reference Information section for an explanation of any qualifiers detected.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample ID Description Sampled Date Sampled Time Client ID	L1898852-1 Water 08-MAR-17 08:40 WQ-VC-U	L1898852-2 Water 07-MAR-17 14:50 WQ-VC-DBC	L1898852-3 Water 07-MAR-17 13:00 WQ-VC-UMN	L1898852-4 Water 08-MAR-17 14:45 WQ-VC-R+150	L1898852-5 Water 08-MAR-17 TRAVEL BLANK
Grouping	Analyte				
WATER					
Dissolved Metals	Copper (Cu)-Dissolved (mg/L)	0.00137	0.00119	0.00119	0.00131
	Iron (Fe)-Dissolved (mg/L)	<0.010	<0.010	<0.010	<0.010
	Lead (Pb)-Dissolved (mg/L)	<0.000050	<0.000050	<0.000050	<0.000050
	Lithium (Li)-Dissolved (mg/L)	<0.0010	<0.0010	0.0013	0.0022
	Magnesium (Mg)-Dissolved (mg/L)	9.87	9.26	12.3	13.2
	Manganese (Mn)-Dissolved (mg/L)	0.261	0.254	0.0307	0.0102
	Mercury (Hg)-Dissolved (mg/L)	<0.000050	<0.000050	<0.000050	<0.000050
	Molybdenum (Mo)-Dissolved (mg/L)	0.000298	0.000317	0.000247	0.000456
	Nickel (Ni)-Dissolved (mg/L)	0.00077	0.00064	0.00055	<0.00050
	Phosphorus (P)-Dissolved (mg/L)	<0.050	<0.050	<0.050	<0.050
	Potassium (K)-Dissolved (mg/L)	0.76	0.71	0.97	1.14
	Selenium (Se)-Dissolved (mg/L)	<0.000050	<0.000050	0.000069	0.000066
	Silicon (Si)-Dissolved (mg/L)	6.40	6.21	6.55	7.30
	Silver (Ag)-Dissolved (mg/L)	<0.000010	<0.000010	<0.000010	<0.000010
	Sodium (Na)-Dissolved (mg/L)	2.96	2.81	3.71	4.17
	Strontium (Sr)-Dissolved (mg/L)	0.290	0.295	0.336	0.366
	Sulfur (S)-Dissolved (mg/L)	6.52	6.32	13.5	15.2
	Thallium (Tl)-Dissolved (mg/L)	<0.000010	<0.000010	<0.000010	<0.000010
	Tin (Sn)-Dissolved (mg/L)	<0.00010	<0.00010	<0.00010	<0.00010
	Titanium (Ti)-Dissolved (mg/L)	<0.00030	<0.00030	<0.00030	<0.00030
	Uranium (U)-Dissolved (mg/L)	0.000421	0.000463	0.000488	0.000715
	Vanadium (V)-Dissolved (mg/L)	<0.00050	<0.00050	<0.00050	<0.00050
	Zinc (Zn)-Dissolved (mg/L)	<0.0010	0.0018	0.0020	0.0017
	Zirconium (Zr)-Dissolved (mg/L)	<0.00030	<0.00030	<0.00030	<0.00030

* Please refer to the Reference Information section for an explanation of any qualifiers detected.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample ID Description Sampled Date Sampled Time Client ID	L1898852-6 Water 08-MAR-17 10:35 FIELD BLANK	L1898852-7 Water 06-MAR-17 17:45 WQ-DC-U	L1898852-8 Water 06-MAR-17 19:10 WQ-TP	L1898852-9 Water 07-MAR-17 18:40 WQ-SEEP	L1898852-10 Water 07-MAR-17 18:45 WQ-SEEP-R	
Grouping	Analyte					
WATER						
Dissolved Metals	Copper (Cu)-Dissolved (mg/L)	<0.00020	0.00081	0.0076	0.00183	0.00170
	Iron (Fe)-Dissolved (mg/L)	<0.010	7.51	5.50	19.4	18.4
	Lead (Pb)-Dissolved (mg/L)	0.000125 ^{RRV}	<0.000050	0.00097	<0.000050	<0.000050
	Lithium (Li)-Dissolved (mg/L)	<0.0010	<0.0010	0.0186	<0.0010	<0.0010
	Magnesium (Mg)-Dissolved (mg/L)	<0.10	62.5	138	58.0	56.5
	Manganese (Mn)-Dissolved (mg/L)	<0.00010	5.34	24.3	6.33	6.06
	Mercury (Hg)-Dissolved (mg/L)	<0.0000050	<0.0000050	<0.0000050	<0.0000050	<0.0000050
	Molybdenum (Mo)-Dissolved (mg/L)	<0.000050	0.000982	0.00645	0.00102	0.00102
	Nickel (Ni)-Dissolved (mg/L)	<0.00050	0.00235	0.0074	0.00290	0.00277
	Phosphorus (P)-Dissolved (mg/L)	<0.050	<0.050	<0.25 ^{DLA}	<0.050	<0.050
	Potassium (K)-Dissolved (mg/L)	<0.10	5.70	46.3	6.48	6.20
	Selenium (Se)-Dissolved (mg/L)	<0.000050	0.000238	<0.00025 ^{DLA}	0.000290	0.000315
	Silicon (Si)-Dissolved (mg/L)	<0.050	7.95	8.81	8.76	8.16
	Silver (Ag)-Dissolved (mg/L)	<0.000010	<0.000010	<0.000050 ^{DLA}	<0.000010	0.000013
	Sodium (Na)-Dissolved (mg/L)	<0.050	31.1	48.4	37.7	36.1
	Strontium (Sr)-Dissolved (mg/L)	<0.00020	0.725	1.91	0.771	0.755
	Sulfur (S)-Dissolved (mg/L)	<0.50	241	796	268	241
	Thallium (Tl)-Dissolved (mg/L)	<0.000010	<0.000010	0.000077 ^{DLA}	<0.000010	<0.000010
	Tin (Sn)-Dissolved (mg/L)	<0.00010	<0.00010	<0.00050 ^{DLA}	<0.00010	<0.00010
	Titanium (Ti)-Dissolved (mg/L)	<0.00030	0.00067	<0.0015 ^{DLA}	0.00113	0.00103
	Uranium (U)-Dissolved (mg/L)	<0.000010	0.00160	0.00458 ^{DLA}	0.00173	0.00179
	Vanadium (V)-Dissolved (mg/L)	<0.00050	0.00136	<0.0025 ^{DLA}	0.00243	0.00230
	Zinc (Zn)-Dissolved (mg/L)	<0.0010	0.0227	0.454	0.0473	0.0440
	Zirconium (Zr)-Dissolved (mg/L)	<0.00030	0.00047	<0.0015 ^{DLA}	0.00077	0.00076

* Please refer to the Reference Information section for an explanation of any qualifiers detected.

ALS ENVIRONMENTAL ANALYTICAL REPORT

	Sample ID Description Sampled Date Sampled Time Client ID	L1898852-11	Water	08-MAR-17	08:55	WQ-PW
Grouping	Analyte					
WATER						
Dissolved Metals	Copper (Cu)-Dissolved (mg/L) Iron (Fe)-Dissolved (mg/L) Lead (Pb)-Dissolved (mg/L) Lithium (Li)-Dissolved (mg/L) Magnesium (Mg)-Dissolved (mg/L) Manganese (Mn)-Dissolved (mg/L) Mercury (Hg)-Dissolved (mg/L) Molybdenum (Mo)-Dissolved (mg/L) Nickel (Ni)-Dissolved (mg/L) Phosphorus (P)-Dissolved (mg/L) Potassium (K)-Dissolved (mg/L) Selenium (Se)-Dissolved (mg/L) Silicon (Si)-Dissolved (mg/L) Silver (Ag)-Dissolved (mg/L) Sodium (Na)-Dissolved (mg/L) Strontium (Sr)-Dissolved (mg/L) Sulfur (S)-Dissolved (mg/L) Thallium (Tl)-Dissolved (mg/L) Tin (Sn)-Dissolved (mg/L) Titanium (Ti)-Dissolved (mg/L) Uranium (U)-Dissolved (mg/L) Vanadium (V)-Dissolved (mg/L) Zinc (Zn)-Dissolved (mg/L) Zirconium (Zr)-Dissolved (mg/L)					

* Please refer to the Reference Information section for an explanation of any qualifiers detected.

Reference Information

QC Samples with Qualifiers & Comments:

QC Type Description	Parameter	Qualifier	Applies to Sample Number(s)
Matrix Spike	Barium (Ba)-Dissolved	MS-B	L1898852-1, -10, -2, -3, -4, -6, -7, -8, -9
Matrix Spike	Calcium (Ca)-Dissolved	MS-B	L1898852-1, -10, -2, -3, -4, -6, -7, -8, -9
Matrix Spike	Iron (Fe)-Dissolved	MS-B	L1898852-1, -10, -2, -3, -4, -6, -7, -8, -9
Matrix Spike	Magnesium (Mg)-Dissolved	MS-B	L1898852-1, -10, -2, -3, -4, -6, -7, -8, -9
Matrix Spike	Manganese (Mn)-Dissolved	MS-B	L1898852-1, -10, -2, -3, -4, -6, -7, -8, -9
Matrix Spike	Sodium (Na)-Dissolved	MS-B	L1898852-1, -10, -2, -3, -4, -6, -7, -8, -9
Matrix Spike	Strontium (Sr)-Dissolved	MS-B	L1898852-1, -10, -2, -3, -4, -6, -7, -8, -9
Matrix Spike	Sulfur (S)-Dissolved	MS-B	L1898852-1, -10, -2, -3, -4, -6, -7, -8, -9
Matrix Spike	Barium (Ba)-Total	MS-B	L1898852-1, -2, -3, -4, -6, -7, -8
Matrix Spike	Barium (Ba)-Total	MS-B	L1898852-5
Matrix Spike	Calcium (Ca)-Total	MS-B	L1898852-1, -2, -3, -4, -6, -7, -8
Matrix Spike	Calcium (Ca)-Total	MS-B	L1898852-10, -11, -9
Matrix Spike	Calcium (Ca)-Total	MS-B	L1898852-5
Matrix Spike	Iron (Fe)-Total	MS-B	L1898852-5
Matrix Spike	Magnesium (Mg)-Total	MS-B	L1898852-1, -2, -3, -4, -6, -7, -8
Matrix Spike	Magnesium (Mg)-Total	MS-B	L1898852-10, -11, -9
Matrix Spike	Magnesium (Mg)-Total	MS-B	L1898852-5
Matrix Spike	Manganese (Mn)-Total	MS-B	L1898852-1, -2, -3, -4, -6, -7, -8
Matrix Spike	Manganese (Mn)-Total	MS-B	L1898852-5
Matrix Spike	Potassium (K)-Total	MS-B	L1898852-10, -11, -9
Matrix Spike	Silicon (Si)-Total	MS-B	L1898852-5
Matrix Spike	Sodium (Na)-Total	MS-B	L1898852-1, -2, -3, -4, -6, -7, -8
Matrix Spike	Sodium (Na)-Total	MS-B	L1898852-10, -11, -9
Matrix Spike	Sodium (Na)-Total	MS-B	L1898852-5
Matrix Spike	Strontium (Sr)-Total	MS-B	L1898852-1, -2, -3, -4, -6, -7, -8
Matrix Spike	Strontium (Sr)-Total	MS-B	L1898852-10, -11, -9
Matrix Spike	Strontium (Sr)-Total	MS-B	L1898852-5
Matrix Spike	Sulfur (S)-Total	MS-B	L1898852-5

Qualifiers for Individual Parameters Listed:

Qualifier	Description
DLA	Detection Limit adjusted for required dilution
DLB	Detection Limit Raised. Analyte detected at comparable level in Method Blank.
DLDS	Detection Limit Raised: Dilution required due to high Dissolved Solids / Electrical Conductivity.
HTC	Hardness was calculated from Total Ca and/or Mg concentrations and may be biased high (dissolved Ca/Mg results unavailable).
MS-B	Matrix Spike recovery could not be accurately calculated due to high analyte background in sample.
RRV	Reported Result Verified By Repeat Analysis

Test Method References:

ALS Test Code	Matrix	Test Description	Method Reference**
ALK-TITR-VA	Water	Alkalinity Species by Titration	APHA 2320 Alkalinity
This analysis is carried out using procedures adapted from APHA Method 2320 "Alkalinity". Total alkalinity is determined by potentiometric titration to a pH 4.5 endpoint. Bicarbonate, carbonate and hydroxide alkalinity are calculated from phenolphthalein alkalinity and total alkalinity values.			
BE-D-L-CCMS-VA	Water	Diss. Be (low) in Water by CRC ICPMS	APHA 3030B/6020A (mod)
Water samples are filtered (0.45 um), preserved with nitric acid, and analyzed by CRC ICPMS.			
Method Limitation (re: Sulfur): Sulfide and volatile sulfur species may not be recovered by this method.			
BE-T-L-CCMS-VA	Water	Total Be (Low) in Water by CRC ICPMS	EPA 200.2/6020A (mod)
Water samples are digested with nitric and hydrochloric acids, and analyzed by CRC ICPMS.			
Method Limitation (re: Sulfur): Sulfide and volatile sulfur species may not be recovered by this method.			
BR-L-IC-N-VA	Water	Bromide in Water by IC (Low Level)	EPA 300.1 (mod)

Reference Information

Inorganic anions are analyzed by Ion Chromatography with conductivity and/or UV detection.

CL-IC-N-VA Water Chloride in Water by IC EPA 300.1 (mod)

Inorganic anions are analyzed by Ion Chromatography with conductivity and/or UV detection.

CN-CNO-WT Water Cyanate APHA 4500-CN-L

This analysis is carried out using procedures adapted from APHA method 4500-CN "Cyanide". Cyanate is determined by the Cyanate hydrolysis method using an ammonia selective electrode

CN-SCN-VA Water Thiocyanate by Colour APHA 4500-CN CYANIDE

This analysis is carried out using procedures adapted from APHA Method 4500-CN- M "Thiocyanate" Thiocyanate is determined by the ferric nitrate colourimetric method.

Water samples containing high levels of hexavalent chromium, cyanide (together with sulfide), reducing agents, or hydrocarbons may cause negative or positive interferences with this method. Contact ALS for additional information if required.

CN-T-CFA-VA Water Total Cyanide in water by CFA ISO 14403:2002

This analysis is carried out using procedures adapted from ISO Method 14403:2002 "Determination of Total Cyanide using Flow Analysis (FIA and CFA)". Total or strong acid dissociable (SAD) cyanide is determined by in-line UV digestion along with sample distillation and final determination by colourimetric analysis. Method Limitation: This method is susceptible to interference from thiocyanate (SCN). If SCN is present in the sample, there could be a positive interference with this method, but it would be less than 1% and could be as low as zero.

CN-WAD-CFA-VA Water Weak Acid Diss. Cyanide in water by CFA APHA 4500-CN CYANIDE

This analysis is carried out using procedures adapted from APHA Method 4500-CN I. "Weak Acid Dissociable Cyanide". Weak Acid Dissociable (WAD) cyanide is determined by in-line sample distillation with final determination by colourimetric analysis.

COLOUR-TRUE-VA Water Colour (True) by Spectrometer BCMOE Colour Single Wavelength

This analysis is carried out using procedures adapted from British Columbia Environmental Manual "Colour- Single Wavelength." Colour (True Colour) is determined by filtering a sample through a 0.45 micron membrane filter followed by analysis of the filtrate using the platinum-cobalt colourimetric method.

Colour measurements can be highly pH dependent, and apply to the pH of the sample as received (at time of testing), without pH adjustment.

Concurrent measurement of sample pH is recommended.

EC-PCT-VA Water Conductivity (Automated) APHA 2510 Auto. Conduc.

This analysis is carried out using procedures adapted from APHA Method 2510 "Conductivity". Conductivity is determined using a conductivity electrode.

EC-SCREEN-VA Water Conductivity Screen (Internal Use Only) APHA 2510

Qualitative analysis of conductivity where required during preparation of other tests - e.g. TDS, metals, etc.

F-IC-N-VA Water Fluoride in Water by IC EPA 300.1 (mod)

Inorganic anions are analyzed by Ion Chromatography with conductivity and/or UV detection.

HARDNESS-CALC-VA Water Hardness APHA 2340B

Hardness (also known as Total Hardness) is calculated from the sum of Calcium and Magnesium concentrations, expressed in CaCO₃ equivalents. Dissolved Calcium and Magnesium concentrations are preferentially used for the hardness calculation.

HG-D-CVAA-VA Water Diss. Mercury in Water by CVAAS or CVAFS APHA 3030B/EPA 1631E (mod)

Water samples are filtered (0.45 um), preserved with hydrochloric acid, then undergo a cold-oxidation using bromine monochloride prior to reduction with stannous chloride, and analyzed by CVAAS or CVAFS.

HG-T-CVAA-VA Water Total Mercury in Water by CVAAS or CVAFS EPA 1631E (mod)

Water samples undergo a cold-oxidation using bromine monochloride prior to reduction with stannous chloride, and analyzed by CVAAS or CVAFS.

HG-TOT-CVAFS-VA Water Total Hg in Water by CVAFS LOR=50ppt EPA 1631E (mod)

This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedure involves a cold-oxidation of the acidified sample using bromine monochloride prior to reduction of the sample with stannous chloride. Instrumental analysis is by cold vapour atomic fluorescence spectrophotometry or atomic absorption spectrophotometry (EPA Method 245.7).

IONBALANCE-VA Water Ion Balance Calculation APHA 1030E

Cation Sum, Anion Sum, and Ion Balance (as % difference) are calculated based on guidance from APHA Standard Methods (1030E Checking Correctness of Analysis). Because all aqueous solutions are electrically neutral, the calculated ion balance (% difference of cations minus anions) should be near-zero.

Cation and Anion Sums are the total meq/L concentration of major cations and anions. Dissolved species are used where available. Minor ions are included where data is present. Ion Balance is calculated as:

Reference Information

Ion Balance (%) = [Cation Sum-Anion Sum] / [Cation Sum+Anion Sum]

MET-D-CCMS-VA Water Dissolved Metals in Water by CRC ICPMS APHA 3030B/6020A (mod)

Water samples are filtered (0.45 um), preserved with nitric acid, and analyzed by CRC ICPMS.

Method Limitation (re: Sulfur): Sulfide and volatile sulfur species may not be recovered by this method.

MET-T-CCMS-VA Water Total Metals in Water by CRC ICPMS EPA 200.2/6020A (mod)

Water samples are digested with nitric and hydrochloric acids, and analyzed by CRC ICPMS.

Method Limitation (re: Sulfur): Sulfide and volatile sulfur species may not be recovered by this method.

NH3-F-VA Water Ammonia in Water by Fluorescence APHA 4500 NH3-NITROGEN (AMMONIA)

This analysis is carried out, on sulfuric acid preserved samples, using procedures modified from J. Environ. Monit., 2005, 7, 37 - 42, The Royal Society of Chemistry, "Flow-injection analysis with fluorescence detection for the determination of trace levels of ammonium in seawater", Roslyn J. Waston et al.

NH3-F-VA Water Ammonia in Water by Fluorescence J. ENVIRON. MONIT., 2005, 7, 37-42, RSC

This analysis is carried out, on sulfuric acid preserved samples, using procedures modified from J. Environ. Monit., 2005, 7, 37 - 42, The Royal Society of Chemistry, "Flow-injection analysis with fluorescence detection for the determination of trace levels of ammonium in seawater", Roslyn J. Waston et al.

NO2-L-IC-N-VA Water Nitrite in Water by IC (Low Level) EPA 300.1 (mod)

Inorganic anions are analyzed by Ion Chromatography with conductivity and/or UV detection.

NO3-L-IC-N-VA Water Nitrate in Water by IC (Low Level) EPA 300.1 (mod)

Inorganic anions are analyzed by Ion Chromatography with conductivity and/or UV detection.

PH-PCT-VA Water pH by Meter (Automated) APHA 4500-H "pH Value"

This analysis is carried out using procedures adapted from APHA Method 4500-H "pH Value". The pH is determined in the laboratory using a pH electrode

It is recommended that this analysis be conducted in the field.

PH-PCT-VA Water pH by Meter (Automated) APHA 4500-H pH Value

This analysis is carried out using procedures adapted from APHA Method 4500-H "pH Value". The pH is determined in the laboratory using a pH electrode

It is recommended that this analysis be conducted in the field.

SO4-IC-N-VA Water Sulfate in Water by IC EPA 300.1 (mod)

Inorganic anions are analyzed by Ion Chromatography with conductivity and/or UV detection.

TDS-CALC-VA Water TDS (Calculated) APHA 1030E (20TH EDITION)

This analysis is carried out using procedures adapted from APHA 1030E "Checking Correctness of Analyses". The Total Dissolved Solids result is calculated from measured concentrations of anions and cations in the sample.

TDS-VA Water Total Dissolved Solids by Gravimetric APHA 2540 C - GRAVIMETRIC

This analysis is carried out using procedures adapted from APHA Method 2540 "Solids". Solids are determined gravimetrically. Total Dissolved Solids (TDS) are determined by filtering a sample through a glass fibre filter, TDS is determined by evaporating the filtrate to dryness at 180 degrees celsius.

TSS-VA Water Total Suspended Solids by Gravimetric APHA 2540 D - GRAVIMETRIC

This analysis is carried out using procedures adapted from APHA Method 2540 "Solids". Solids are determined gravimetrically. Total Suspended Solids (TSS) are determined by filtering a sample through a glass fibre filter, TSS is determined by drying the filter at 104 degrees celsius. Samples containing very high dissolved solid content (i.e. seawaters, brackish waters) may produce a positive bias by this method. Alternate analysis methods are available for these types of samples.

TURBIDITY-VA Water Turbidity by Meter APHA 2130 Turbidity

This analysis is carried out using procedures adapted from APHA Method 2130 "Turbidity". Turbidity is determined by the nephelometric method.

** ALS test methods may incorporate modifications from specified reference methods to improve performance.

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Laboratory Definition Code	Laboratory Location
WT	ALS ENVIRONMENTAL - WATERLOO, ONTARIO, CANADA

Reference Information

VA

ALS ENVIRONMENTAL - VANCOUVER, BRITISH COLUMBIA, CANADA

Chain of Custody Numbers:

GLOSSARY OF REPORT TERMS

Surrogate - A compound that is similar in behaviour to target analyte(s), but that does not occur naturally in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery.

mg/kg - milligrams per kilogram based on dry weight of sample.

mg/kg wwt - milligrams per kilogram based on wet weight of sample.

mg/kg lwt - milligrams per kilogram based on lipid-adjusted weight of sample.

mg/L - milligrams per litre.

< - Less than.

D.L. - The reported Detection Limit, also known as the Limit of Reporting (LOR).

N/A - Result not available. Refer to qualifier code and definition for explanation.

Test results reported relate only to the samples as received by the laboratory.

UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.

Analytical results in unsigned test reports with the DRAFT watermark are subject to change, pending final QC review.



Report To Company: EDI Contact: Lyndsay Doetzel Address: 2195 - 2nd Avenue Whitehorse, YT Y1A 3T8 Phone: 867-393-4882		Report Format Select Report Format: <input checked="" type="checkbox"/> PDF <input checked="" type="checkbox"/> EXCEL <input type="checkbox"/> EDD (DIGITAL) Quality Control (QC) Report with Report <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Criteria on Report - provide details below if box checked Select Distribution: <input checked="" type="checkbox"/> EMAIL <input type="checkbox"/> MAIL <input type="checkbox"/> FAX Email 1 or Fax: ldoetzel@edynamics.com Email 2: Emilie.Hamm@gov.yk.ca Email 3: erik_pit@gov.yk.ca		(Rush Turnaround Time (TAT) is not available for all tests) R <input checked="" type="checkbox"/> Regular (Standard TAT if received by 3 pm - business days) P <input type="checkbox"/> Priority (2-4 bus. days if received by 3pm) 50% surcharge - contact ALS to confirm TAT E <input type="checkbox"/> Emergency (1-2 bus. days if received by 3pm) 100% surcharge - contact ALS to confirm TAT E2 <input type="checkbox"/> Same day or weekend emergency - contact ALS to confirm TAT and surcharge Specify Date Required for E2,E or P:																																																																																																																																																																																																																																							
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 Rush Processing



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Canada Toll Free: 1 800 668 9878



L1898852-COFC

COC Number:

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Drinking Water (DW) Samples¹ (client use) Are samples taken from a Regulated DW System? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Are samples for human drinking water use? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Special Instructions / Specify Criteria to add on report (client use)		SAMPLE CONDITION AS RECEIVED (lab use only) Frozen <input type="checkbox"/> SIF Observations Yes <input type="checkbox"/> No <input type="checkbox"/> Ice packs Yes <input type="checkbox"/> No <input type="checkbox"/> Custody seal intact Yes <input type="checkbox"/> No <input type="checkbox"/> Cooling Initiated <input type="checkbox"/> INITIAL COOLER TEMPERATURES °C: 3-3 FINAL COOLER TEMPERATURES °C:																																																																																																																																																																																																																																																
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REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION
 Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the back page of the white - report copy.
 1. If any water samples are taken from a Regulated Drinking Water (DW) System, please submit using an Authorized DW COC form.

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