ENVIRONMENTAL DYNAMICS INC.
ATTN: Meighan Kearns
2195 - 2nd Avenue
Whitehorse YT Y1A 3T8

Date Received: 29-JAN-14
Report Date: 03-FEB-14 15:21 (MT)
Version: FINAL

Client Phone: 867-393-4882

Certificate of Analysis

Lab Work Order #: L1417021

Project P.O. #: NOT SUBMITTED
Job Reference: 13-Y-0452
C of C Numbers: 1, 2
Legal Site Desc:

Comments: Dissolved organic carbon and dissolved metals analysis was not performed on the sample client identify as "Travel Blank". Generally, only total analysis could be performed on "Travel Blank"

Can Dang
Senior Account Manager

ALS ENVIRONMENTAL ANALYTICAL REPORT

	Sample ID	L1417021-1	L1417021-2	L1417021-3	L1417021-4	L1417021-5
	Description	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
	Sampled Date	28-JAN-14	28-JAN-14	28-JAN-14	28-JAN-14	28-JAN-14
	Sampled Time	13:35	14:40	13:15	15:25	14:15
	Client ID	X10	NF2-B	X14	NF1	X2
Grouping	**Analyte**					
WATER						
Physical Tests	Conductivity (uS/cm)	300	261	1240	277	289
	Hardness (as CaCO3) (mg/L)	162	128	665	129	136
	pH (pH)	8.08	8.02	7.93	8.03	7.96
	Total Suspended Solids (mg/L)	<1.0	<1.0	9.7	<1.0	<1.0
	Total Dissolved Solids (mg/L)	176	147	965	152	164
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	131	124	200	129	126
	Ammonia, Total (as N) (mg/L)	0.0088	<0.0050	0.275 DLM	0.0055	0.0055
	Bromide (Br) (mg/L)	<0.050	<0.050	<0.50 DLM	<0.050	<0.050
	Chloride (Cl) (mg/L)	<0.50	<0.50	5.8	<0.50	<0.50
	Fluoride (F) (mg/L)	0.165	0.161	<0.20 DLM	0.168	0.176
	Nitrate (as N) (mg/L)	0.221	0.238	0.181	0.274	0.235
	Nitrite (as N) (mg/L)	0.0013	<0.0010	<0.010 DLM	0.0013	0.0012
	Phosphorus (P)-Total (mg/L)	0.0032	0.0050	<0.0020	0.0062	0.0045
	Sulfate (SO4) (mg/L)	32.8	20.5	565	21.2	32.5
	Anion Sum (meq/L)	3.32	2.92	15.9	3.05	3.22
	Cation Sum (meq/L)	3.40	2.69	14.6	2.73	2.91
	Cation - Anion Balance (%)	1.2	-4.1	-4.3	-5.6	-5.2
Organic / Inorganic Carbon	Dissolved Organic Carbon (mg/L)	1.35	1.22	1.46	1.38	1.36
	Total Organic Carbon (mg/L)	1.36	1.40	1.46	1.46	1.42
Total Metals	Aluminum (Al)-Total (mg/L)	0.0084	0.0148	0.0300	0.0150	0.0188
	Antimony (Sb)-Total (mg/L)	<0.00010	<0.00010	<0.00020 DLA	0.00011	<0.00010
	Arsenic (As)-Total (mg/L)	0.00028	0.00052	0.00036	0.00061	0.00048
	Barium (Ba)-Total (mg/L)	0.0672	0.0662	0.0533	0.0739	0.0677
	Beryllium (Be)-Total (mg/L)	<0.00010	<0.00010	<0.00020 DLA	<0.00010	<0.00010
	Bismuth (Bi)-Total (mg/L)	<0.00050	<0.00050	<0.0010 DLA	<0.00050	<0.00050
	Boron (B)-Total (mg/L)	<0.010	<0.010	<0.020 DLA	<0.010	<0.010
	Cadmium (Cd)-Total (mg/L)	0.000210	0.000029	0.000190	0.000024	0.000418
	Calcium (Ca)-Total (mg/L)	43.5	39.4	203	40.1	39.3
	Chromium (Cr)-Total (mg/L)	<0.00010	0.00010	<0.00020 DLA	0.00016	<0.00010
	Cobalt (Co)-Total (mg/L)	0.00093	0.00017	0.0246	0.00023	0.00264
	Copper (Cu)-Total (mg/L)	<0.00050	<0.00050	<0.0010 DLA	0.00058	<0.00050
	Iron (Fe)-Total (mg/L)	0.310	0.134	3.91	0.198	0.243
	Lead (Pb)-Total (mg/L)	0.000139	0.000273	0.00029	0.000111	0.000289
	Lithium (Li)-Total (mg/L)	0.00562	0.00643	0.0105	0.00646	0.00688
	Magnesium (Mg)-Total (mg/L)	10.6	8.39	44.5	8.39	10.3
	Manganese (Mn)-Total (mg/L)	0.0928	0.0239	14.3	0.0416	0.176

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

ALS ENVIRONMENTAL ANALYTICAL REPORT

Grouping	Analyte	L1417021-6 Surface Water 28-JAN-14 14:20 X2-R	L1417021-7 Surface Water 28-JAN-14 16:05 R10	L1417021-8 Surface Water 28-JAN-14 16:15 R9	L1417021-9 Surface Water 28-JAN-14 16:35 R8	L1417021-10 Surface Water 28-JAN-14 14:55 NF2
WATER						
Physical Tests	Conductivity (uS/cm)	285	258	253	225	274
	Hardness (as CaCO3) (mg/L)	140	138	130	116	142
	pH (pH)	7.91	8.10	8.18	8.18	8.02
	Total Suspended Solids (mg/L)	<1.0	<1.0	<1.0	<1.0	<1.0
	Total Dissolved Solids (mg/L)	166	151	147	128	160
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	128	125	124	119	124
	Ammonia, Total (as N) (mg/L)	0.0051	0.0053	0.0052	0.0067	<0.0050
	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)	0.176	0.163	0.163	0.161	0.174
	Nitrate (as N) (mg/L)	0.235	0.234	0.238	0.151	0.242
	Nitrite (as N) (mg/L)	<0.0010	<0.0010	<0.0010	0.0010	0.0012
	Phosphorus (P)-Total (mg/L)	0.0046	0.0058	0.0063	0.0068	0.0047
	Sulfate (SO4) (mg/L)	32.5	19.7	19.3	9.22	27.8
	Anion Sum (meq/L)	3.27	2.93	2.91	2.59	3.07
	Cation Sum (meq/L)	2.98	2.90	2.76	2.45	3.01
	Cation - Anion Balance (%)	-4.5	-0.5	-2.7	-2.7	-1.1
Organic / Inorganic Carbon	Dissolved Organic Carbon (mg/L)	1.30	1.41	1.43	1.28	1.33
	Total Organic Carbon (mg/L)	1.41	1.47	1.37	1.36	1.33
Total Metals	Aluminum (Al)-Total (mg/L)	0.0192	0.0145	0.0199	0.0141	0.0186
	Antimony (Sb)-Total (mg/L)	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
	Arsenic (As)-Total (mg/L)	0.00049	0.00060	0.00057	0.00065	0.00052
	Barium (Ba)-Total (mg/L)	0.0693	0.0680	0.0665	0.0679	0.0684
	Beryllium (Be)-Total (mg/L)	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
	Bismuth (Bi)-Total (mg/L)	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
	Boron (B)-Total (mg/L)	<0.010	<0.010	<0.010	<0.010	<0.010
	Cadmium (Cd)-Total (mg/L)	0.000448	0.000018	<0.000010	<0.000010	0.000449
	Calcium (Ca)-Total (mg/L)	42.1	42.1	43.5	37.7	44.1
	Chromium (Cr)-Total (mg/L)	<0.00010	0.00010	0.00015	0.00011	0.00011
	Cobalt (Co)-Total (mg/L)	0.00267	<0.00010	<0.00010	<0.00010	0.00280
	Copper (Cu)-Total (mg/L)	<0.00050	0.00075	<0.00050	<0.00050	<0.00050
	Iron (Fe)-Total (mg/L)	0.246	0.143	0.161	0.167	0.193
	Lead (Pb)-Total (mg/L)	0.000342	0.000087	0.000081	<0.000050	0.000290
	Lithium (Li)-Total (mg/L)	0.00766	0.00716	0.00746	0.00621	0.00700
	Magnesium (Mg)-Total (mg/L)	10.3	8.44	7.84	6.78	9.99
	Manganese (Mn)-Total (mg/L)	0.175	0.0242	0.0233	0.0221	0.153

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

ALS ENVIRONMENTAL ANALYTICAL REPORT

	Sample ID	L1417021-11	L1417021-12	L1417021-13		
	Description	Surface Water	Surface Water	Surface Water		
	Sampled Date		28-JAN-14	28-JAN-14		
	Sampled Time		13:55	17:55		
	Client ID	TRAVEL BLANK	X3A	FIELD BLANK		
Grouping	**Analyte**					
WATER						
Physical Tests	Conductivity (uS/cm)	<2.0	289	<2.0		
	Hardness (as CaCO3) (mg/L)	<0.50	154	<0.50		
	pH (pH)	5.76	8.02	5.67		
	Total Suspended Solids (mg/L)	<1.0	<1.0	<1.0		
	Total Dissolved Solids (mg/L)	<1.0	171	<1.0		
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	<2.0	129	<2.0		
	Ammonia, Total (as N) (mg/L)	<0.0050	0.0119	<0.0050		
	Bromide (Br) (mg/L)	<0.050	<0.050	<0.050		
	Chloride (Cl) (mg/L)	<0.50	<0.50	<0.50		
	Fluoride (F) (mg/L)	<0.020	0.170	<0.020		
	Nitrate (as N) (mg/L)	<0.0050	0.234	<0.0050		
	Nitrite (as N) (mg/L)	<0.0010	0.0013	<0.0010		
	Phosphorus (P)-Total (mg/L)	<0.0020	0.0041	<0.0020		
	Sulfate (SO4) (mg/L)	<0.50	31.8	<0.50		
	Anion Sum (meq/L)	<0.10	3.27	<0.10		
	Cation Sum (meq/L)	<0.10	3.24	<0.10		
	Cation - Anion Balance (%)	0.0	-0.4	0.0		
Organic / Inorganic Carbon	Dissolved Organic Carbon (mg/L)		1.48	<0.50		
	Total Organic Carbon (mg/L)	<0.50	1.56	<0.50		
Total Metals	Aluminum (Al)-Total (mg/L)	<0.0030	0.0128	<0.0030		
	Antimony (Sb)-Total (mg/L)	<0.00010	<0.00010	<0.00010		
	Arsenic (As)-Total (mg/L)	<0.00010	0.00039	<0.00010		
	Barium (Ba)-Total (mg/L)	<0.000050	0.0737	<0.000050		
	Beryllium (Be)-Total (mg/L)	<0.00010	<0.00010	<0.00010		
	Bismuth (Bi)-Total (mg/L)	<0.00050	<0.00050	<0.00050		
	Boron (B)-Total (mg/L)	<0.010	<0.010	<0.010		
	Cadmium (Cd)-Total (mg/L)	<0.000010	0.000299	<0.000010		
	Calcium (Ca)-Total (mg/L)	<0.020	45.2	<0.020		
	Chromium (Cr)-Total (mg/L)	<0.00010	0.00011	<0.00010		
	Cobalt (Co)-Total (mg/L)	<0.00010	0.00162	<0.00010		
	Copper (Cu)-Total (mg/L)	<0.00050	0.00052	<0.00050		
	Iron (Fe)-Total (mg/L)	<0.010	0.270	<0.010		
	Lead (Pb)-Total (mg/L)	<0.000050	0.000279	<0.000050		
	Lithium (Li)-Total (mg/L)	<0.00050	0.00598	<0.00050		
	Magnesium (Mg)-Total (mg/L)	<0.0050	10.2	<0.0050		
	Manganese (Mn)-Total (mg/L)	<0.000050	0.144	<0.000050		

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

ALS ENVIRONMENTAL ANALYTICAL REPORT

Grouping	Analyte	L1417021-1 Surface Water 28-JAN-14 13:35 X10	L1417021-2 Surface Water 28-JAN-14 14:40 NF2-B	L1417021-3 Surface Water 28-JAN-14 13:15 X14	L1417021-4 Surface Water 28-JAN-14 15:25 NF1	L1417021-5 Surface Water 28-JAN-14 14:15 X2
WATER						
Total Metals	Molybdenum (Mo)-Total (mg/L)	0.000674	0.000804	0.00071	0.000822	0.000773
	Nickel (Ni)-Total (mg/L)	0.00282	0.00057	0.0182	0.00054	0.00434
	Phosphorus (P)-Total (mg/L)	<0.30	<0.30	<0.60 DLA	<0.30	<0.30
	Potassium (K)-Total (mg/L)	1.04	0.932	2.80	0.962	0.981
	Selenium (Se)-Total (mg/L)	0.00041	0.00041	0.00028	0.00041	0.00036
	Silicon (Si)-Total (mg/L)	5.65	5.83	6.50	6.02	5.77
	Silver (Ag)-Total (mg/L)	<0.000010	<0.000010	<0.000020 DLA	0.000018	<0.000010
	Sodium (Na)-Total (mg/L)	2.63	2.78	12.7	2.84	2.83
	Strontium (Sr)-Total (mg/L)	0.202	0.170	0.596	0.177	0.176
	Thallium (Tl)-Total (mg/L)	<0.000010	<0.000010	<0.000020 DLA	<0.000010	<0.000010
	Tin (Sn)-Total (mg/L)	<0.00010	<0.00010	<0.00020 DLA	<0.00010	<0.00010
	Titanium (Ti)-Total (mg/L)	<0.010	<0.010	<0.020 DLA	<0.010	<0.010
	Uranium (U)-Total (mg/L)	0.00246	0.00227	0.00406	0.00229	0.00226
	Vanadium (V)-Total (mg/L)	<0.0010	<0.0010	<0.0020 DLA	<0.0010	<0.0010
	Zinc (Zn)-Total (mg/L)	0.395	0.0348	0.272	0.0207	0.642
	Zirconium (Zr)-Total (mg/L)	<0.00080	<0.00080	<0.0016 DLA	<0.00080	<0.00080
Dissolved Metals	Dissolved Metals Filtration Location	FIELD	FIELD	FIELD	FIELD	FIELD
	Aluminum (Al)-Dissolved (mg/L)	0.0020	0.0026	<0.0020 DLA	0.0025	0.0042
	Antimony (Sb)-Dissolved (mg/L)	<0.00010	<0.00010	<0.00020 DLA	<0.00010	<0.00010
	Arsenic (As)-Dissolved (mg/L)	0.00014	0.00038	<0.00020 DLA	0.00041	0.00028
	Barium (Ba)-Dissolved (mg/L)	0.0672	0.0669	0.0519	0.0674	0.0667
	Beryllium (Be)-Dissolved (mg/L)	<0.00010	<0.00010	<0.00020 DLA	<0.00010	<0.00010
	Bismuth (Bi)-Dissolved (mg/L)	<0.00050	<0.00050	<0.0010 DLA	<0.00050	<0.00050
	Boron (B)-Dissolved (mg/L)	<0.010	<0.010	<0.020 DLA	<0.010	<0.010
	Cadmium (Cd)-Dissolved (mg/L)	0.000193	0.000029	0.000173	0.000018	0.000416
	Calcium (Ca)-Dissolved (mg/L)	47.9	37.8	194	38.3	38.0
	Chromium (Cr)-Dissolved (mg/L)	<0.00010	<0.00010	<0.00020 DLA	<0.00010	<0.00010
	Cobalt (Co)-Dissolved (mg/L)	0.00089	0.00016	0.0237	0.00020	0.00257
	Copper (Cu)-Dissolved (mg/L)	0.00030	0.00029	<0.00040 DLA	0.00035	0.00029
	Iron (Fe)-Dissolved (mg/L)	0.041	0.034	3.37	0.037	0.076
	Lead (Pb)-Dissolved (mg/L)	<0.000050	<0.000050	<0.00010 DLA	<0.000050	<0.000050
	Lithium (Li)-Dissolved (mg/L)	0.00619	0.00633	0.0099	0.00649	0.00662
	Magnesium (Mg)-Dissolved (mg/L)	10.3	8.08	43.6	8.16	10.0
	Manganese (Mn)-Dissolved (mg/L)	0.0906	0.0215	14.0	0.0364	0.171
	Molybdenum (Mo)-Dissolved (mg/L)	0.000778	0.000773	0.00067	0.000784	0.000743
	Nickel (Ni)-Dissolved (mg/L)	0.00271	<0.00050	0.0176	<0.00050	0.00415
	Phosphorus (P)-Dissolved (mg/L)	<0.30	<0.30	<0.60 DLA	<0.30	<0.30

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

ALS ENVIRONMENTAL ANALYTICAL REPORT

Grouping	Analyte	L1417021-6 Surface Water 28-JAN-14 14:20 X2-R	L1417021-7 Surface Water 28-JAN-14 16:05 R10	L1417021-8 Surface Water 28-JAN-14 16:15 R9	L1417021-9 Surface Water 28-JAN-14 16:35 R8	L1417021-10 Surface Water 28-JAN-14 14:55 NF2
WATER						
Total Metals	Molybdenum (Mo)-Total (mg/L)	0.000810	0.000896	0.000925	0.000869	0.000854
	Nickel (Ni)-Total (mg/L)	0.00429	<0.00050	<0.00050	<0.00050	0.00431
	Phosphorus (P)-Total (mg/L)	<0.30	<0.30	<0.30	<0.30	<0.30
	Potassium (K)-Total (mg/L)	0.988	0.937	0.870	0.851	0.970
	Selenium (Se)-Total (mg/L)	0.00041	0.00044	0.00037	0.00040	0.00039
	Silicon (Si)-Total (mg/L)	5.94	5.86	5.55	6.01	5.79
	Silver (Ag)-Total (mg/L)	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010
	Sodium (Na)-Total (mg/L)	2.88	2.84	2.97	2.69	2.83
	Strontium (Sr)-Total (mg/L)	0.181	0.185	0.188	0.154	0.189
	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)	<0.010	<0.010	<0.010	<0.010	<0.010
	Uranium (U)-Total (mg/L)	0.00226	0.00241	0.00250	0.00198	0.00239
	Vanadium (V)-Total (mg/L)	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	Zinc (Zn)-Total (mg/L)	0.648	0.0112	<0.0030	<0.0030	0.672
	Zirconium (Zr)-Total (mg/L)	<0.00080	<0.00080	<0.00080	<0.00080	<0.00080
Dissolved Metals	Dissolved Metals Filtration Location	FIELD	FIELD	FIELD	FIELD	FIELD
	Aluminum (Al)-Dissolved (mg/L)	0.0046	0.0028	0.0027	0.0026	0.0048
	Antimony (Sb)-Dissolved (mg/L)	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
	Arsenic (As)-Dissolved (mg/L)	0.00028	0.00044	0.00039	0.00051	0.00034
	Barium (Ba)-Dissolved (mg/L)	0.0667	0.0685	0.0632	0.0673	0.0698
	Beryllium (Be)-Dissolved (mg/L)	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
	Bismuth (Bi)-Dissolved (mg/L)	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
	Boron (B)-Dissolved (mg/L)	<0.010	<0.010	<0.010	<0.010	<0.010
	Cadmium (Cd)-Dissolved (mg/L)	0.000425	0.000017	<0.000010	<0.000010	0.000432
	Calcium (Ca)-Dissolved (mg/L)	38.9	41.3	39.4	35.4	41.0
	Chromium (Cr)-Dissolved (mg/L)	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
	Cobalt (Co)-Dissolved (mg/L)	0.00257	<0.00010	<0.00010	<0.00010	0.00271
	Copper (Cu)-Dissolved (mg/L)	0.00031	0.00027	0.00021	0.00027	0.00029
	Iron (Fe)-Dissolved (mg/L)	0.078	0.038	0.036	0.064	0.080
	Lead (Pb)-Dissolved (mg/L)	0.000061	<0.000050	<0.000050	<0.000050	0.000052
	Lithium (Li)-Dissolved (mg/L)	0.00728	0.00705	0.00689	0.00589	0.00654
	Magnesium (Mg)-Dissolved (mg/L)	10.4	8.39	7.72	6.65	9.58
	Manganese (Mn)-Dissolved (mg/L)	0.172	0.0222	0.0196	0.0205	0.148
	Molybdenum (Mo)-Dissolved (mg/L)	0.000786	0.000862	0.000793	0.000808	0.000778
	Nickel (Ni)-Dissolved (mg/L)	0.00423	<0.00050	<0.00050	<0.00050	0.00409
	Phosphorus (P)-Dissolved (mg/L)	<0.30	<0.30	<0.30	<0.30	<0.30

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

ALS ENVIRONMENTAL ANALYTICAL REPORT

	Sample ID	L1417021-11	L1417021-12	L1417021-13		
	Description	Surface Water	Surface Water	Surface Water		
	Sampled Date		28-JAN-14	28-JAN-14		
	Sampled Time		13:55	17:55		
	Client ID	TRAVEL BLANK	X3A	FIELD BLANK		
Grouping	**Analyte**					
WATER						
Total Metals	Molybdenum (Mo)-Total (mg/L)	<0.000050	0.000726	<0.000050		
	Nickel (Ni)-Total (mg/L)	<0.00050	0.00317	<0.00050		
	Phosphorus (P)-Total (mg/L)	<0.30	<0.30	<0.30		
	Potassium (K)-Total (mg/L)	<0.050	1.08	<0.050		
	Selenium (Se)-Total (mg/L)	<0.00010	0.00039	<0.00010		
	Silicon (Si)-Total (mg/L)	<0.050	5.88	<0.050		
	Silver (Ag)-Total (mg/L)	<0.000010	<0.000010	<0.000010		
	Sodium (Na)-Total (mg/L)	<0.050	2.74	<0.050		
	Strontium (Sr)-Total (mg/L)	<0.00020	0.207	<0.00020		
	Thallium (Tl)-Total (mg/L)	<0.000010	<0.000010	<0.000010		
	Tin (Sn)-Total (mg/L)	<0.00010	<0.00010	<0.00010		
	Titanium (Ti)-Total (mg/L)	<0.010	<0.010	<0.010		
	Uranium (U)-Total (mg/L)	<0.000010	0.00259	<0.000010		
	Vanadium (V)-Total (mg/L)	<0.0010	<0.0010	<0.0010		
	Zinc (Zn)-Total (mg/L)	<0.0030	0.463	<0.0030		
	Zirconium (Zr)-Total (mg/L)	<0.00080	<0.00080	<0.00080		
Dissolved Metals	Dissolved Metals Filtration Location		FIELD	FIELD		
	Aluminum (Al)-Dissolved (mg/L)		0.0037	<0.0010		
	Antimony (Sb)-Dissolved (mg/L)		<0.00010	<0.00010		
	Arsenic (As)-Dissolved (mg/L)		0.00021	<0.00010		
	Barium (Ba)-Dissolved (mg/L)		0.0689	<0.000050		
	Beryllium (Be)-Dissolved (mg/L)		<0.00010	<0.00010		
	Bismuth (Bi)-Dissolved (mg/L)		<0.00050	<0.00050		
	Boron (B)-Dissolved (mg/L)		<0.010	<0.010		
	Cadmium (Cd)-Dissolved (mg/L)		0.000281	<0.000010		
	Calcium (Ca)-Dissolved (mg/L)		44.7	<0.020		
	Chromium (Cr)-Dissolved (mg/L)		<0.00010	<0.00010		
	Cobalt (Co)-Dissolved (mg/L)		0.00152	<0.00010		
	Copper (Cu)-Dissolved (mg/L)		0.00034	<0.00020		
	Iron (Fe)-Dissolved (mg/L)		0.095	<0.010		
	Lead (Pb)-Dissolved (mg/L)		<0.000050	<0.000050		
	Lithium (Li)-Dissolved (mg/L)		0.00572	<0.00050		
	Magnesium (Mg)-Dissolved (mg/L)		10.2	<0.0050		
	Manganese (Mn)-Dissolved (mg/L)		0.139	<0.000050		
	Molybdenum (Mo)-Dissolved (mg/L)		0.000678	<0.000050		
	Nickel (Ni)-Dissolved (mg/L)		0.00300	<0.00050		
	Phosphorus (P)-Dissolved (mg/L)		<0.30	<0.30		

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

ALS ENVIRONMENTAL ANALYTICAL REPORT

Grouping	Analyte	L1417021-1 Surface Water 28-JAN-14 13:35 X10	L1417021-2 Surface Water 28-JAN-14 14:40 NF2-B	L1417021-3 Surface Water 28-JAN-14 13:15 X14	L1417021-4 Surface Water 28-JAN-14 15:25 NF1	L1417021-5 Surface Water 28-JAN-14 14:15 X2
WATER						
Dissolved Metals	Potassium (K)-Dissolved (mg/L)	1.03	0.909	2.78	0.935	0.979
	Selenium (Se)-Dissolved (mg/L)	0.00037	0.00040	0.00028	0.00043	0.00039
	Silicon (Si)-Dissolved (mg/L)	5.40	5.67	6.18	5.79	5.86
	Silver (Ag)-Dissolved (mg/L)	<0.000010	<0.000010	<0.000020 DLA	<0.000010	<0.000010
	Sodium (Na)-Dissolved (mg/L)	2.68	2.67	13.0	2.74	2.94
	Strontium (Sr)-Dissolved (mg/L)	0.218	0.171	0.601	0.172	0.172
	Thallium (Tl)-Dissolved (mg/L)	<0.000010	<0.000010	<0.000020 DLA	<0.000010	<0.000010
	Tin (Sn)-Dissolved (mg/L)	<0.00010	<0.00010	<0.00020 DLA	<0.00010	<0.00010
	Titanium (Ti)-Dissolved (mg/L)	<0.010	<0.010	<0.020 DLA	<0.010	<0.010
	Uranium (U)-Dissolved (mg/L)	0.00289	0.00210	0.00402	0.00230	0.00219
	Vanadium (V)-Dissolved (mg/L)	<0.0010	<0.0010	<0.0020 DLA	<0.0010	<0.0010
	Zinc (Zn)-Dissolved (mg/L)	0.386	0.0348	0.260	0.0185	0.644
	Zirconium (Zr)-Dissolved (mg/L)	<0.00080	<0.00080	<0.0016 DLA	<0.00080	<0.00080

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

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample ID	L1417021-6	L1417021-7	L1417021-8	L1417021-9	L1417021-10
Description	Surface Water	Surface Water	Surface Water	Surface Water	Surface Water
Sampled Date	28-JAN-14	28-JAN-14	28-JAN-14	28-JAN-14	28-JAN-14
Sampled Time	14:20	16:05	16:15	16:35	14:55
Client ID	X2-R	R10	R9	R8	NF2
Grouping / **Analyte**					
WATER					
Dissolved Metals Potassium (K)-Dissolved (mg/L)	1.00	0.926	0.850	0.842	0.940
Selenium (Se)-Dissolved (mg/L)	0.00038	0.00038	0.00041	0.00040	0.00039
Silicon (Si)-Dissolved (mg/L)	5.83	5.82	5.71	5.91	5.87
Silver (Ag)-Dissolved (mg/L)	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010
Sodium (Na)-Dissolved (mg/L)	2.93	2.75	2.97	2.59	2.76
Strontium (Sr)-Dissolved (mg/L)	0.180	0.186	0.170	0.158	0.179
Thallium (Tl)-Dissolved (mg/L)	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010
Tin (Sn)-Dissolved (mg/L)	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Titanium (Ti)-Dissolved (mg/L)	<0.010	<0.010	<0.010	<0.010	<0.010
Uranium (U)-Dissolved (mg/L)	0.00224	0.00239	0.00236	0.00199	0.00229
Vanadium (V)-Dissolved (mg/L)	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Zinc (Zn)-Dissolved (mg/L)	0.648	0.0103	<0.0010	<0.0010	0.662
Zirconium (Zr)-Dissolved (mg/L)	<0.00080	<0.00080	<0.00080	<0.00080	<0.00080

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

ALS ENVIRONMENTAL ANALYTICAL REPORT

	Sample ID	L1417021-11	L1417021-12	L1417021-13		
	Description	Surface Water	Surface Water	Surface Water		
	Sampled Date		28-JAN-14	28-JAN-14		
	Sampled Time		13:55	17:55		
	Client ID	TRAVEL BLANK	X3A	FIELD BLANK		
Grouping	**Analyte**					
WATER						
Dissolved Metals	Potassium (K)-Dissolved (mg/L)		1.07	<0.050		
	Selenium (Se)-Dissolved (mg/L)		0.00038	<0.00010		
	Silicon (Si)-Dissolved (mg/L)		5.64	<0.050		
	Silver (Ag)-Dissolved (mg/L)		<0.000010	<0.000010		
	Sodium (Na)-Dissolved (mg/L)		2.74	<0.050		
	Strontium (Sr)-Dissolved (mg/L)		0.205	<0.00020		
	Thallium (Tl)-Dissolved (mg/L)		<0.000010	<0.000010		
	Tin (Sn)-Dissolved (mg/L)		<0.00010	<0.00010		
	Titanium (Ti)-Dissolved (mg/L)		<0.010	<0.010		
	Uranium (U)-Dissolved (mg/L)		0.00244	<0.000010		
	Vanadium (V)-Dissolved (mg/L)		<0.0010	<0.0010		
	Zinc (Zn)-Dissolved (mg/L)		0.457	<0.0010		
	Zirconium (Zr)-Dissolved (mg/L)		<0.00080	<0.00080		

* 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)
Duplicate	Bromide (Br)	DLM	L1417021-1, -10, -11, -12, -13, -2, -3, -4, -5, -6, -7, -8, -9
Duplicate	Chloride (Cl)	DLM	L1417021-1, -10, -11, -12, -13, -2, -3, -4, -5, -6, -7, -8, -9
Duplicate	Fluoride (F)	DLM	L1417021-1, -10, -11, -12, -13, -2, -3, -4, -5, -6, -7, -8, -9
Duplicate	Nitrite (as N)	DLM	L1417021-1, -10, -11, -12, -13, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Barium (Ba)-Dissolved	MS-B	L1417021-1, -10, -12, -13, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Calcium (Ca)-Dissolved	MS-B	L1417021-1, -10, -12, -13, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Magnesium (Mg)-Dissolved	MS-B	L1417021-1, -10, -12, -13, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Sodium (Na)-Dissolved	MS-B	L1417021-1, -10, -12, -13, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Strontium (Sr)-Dissolved	MS-B	L1417021-1, -10, -12, -13, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Uranium (U)-Dissolved	MS-B	L1417021-1, -10, -12, -13, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Barium (Ba)-Dissolved	MS-B	L1417021-1, -10, -12, -13, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Calcium (Ca)-Dissolved	MS-B	L1417021-1, -10, -12, -13, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Magnesium (Mg)-Dissolved	MS-B	L1417021-1, -10, -12, -13, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Strontium (Sr)-Dissolved	MS-B	L1417021-1, -10, -12, -13, -2, -3, -4, -5, -6, -7, -8, -9

Qualifiers for Individual Parameters Listed:

Qualifier	Description
DLA	Detection Limit adjusted for required dilution
DLM	Detection Limit Adjusted due to sample matrix effects.
MS-B	Matrix Spike recovery could not be accurately calculated due to high analyte background in sample.

Test Method References:

ALS Test Code	Matrix	Test Description	Method Reference**
ALK-COL-VA	Water	Alkalinity by Colourimetric (Automated)	EPA 310.2

This analysis is carried out using procedures adapted from EPA Method 310.2 "Alkalinity". Total Alkalinity is determined using the methyl orange colourimetric method.

ANIONS-BR-IC-VA	Water	Bromide by Ion Chromatography	APHA 4110 B.

This analysis is carried out using procedures adapted from APHA Method 4110 B. "Ion Chromatography with Chemical Suppression of Eluent Conductivity" and EPA Method 300.0 "Determination of Inorganic Anions by Ion Chromatography".

ANIONS-CL-IC-VA	Water	Chloride by Ion Chromatography	APHA 4110 B.

This analysis is carried out using procedures adapted from APHA Method 4110 B. "Ion Chromatography with Chemical Suppression of Eluent Conductivity" and EPA Method 300.0 "Determination of Inorganic Anions by Ion Chromatography".

ANIONS-F-IC-VA	Water	Fluoride by Ion Chromatography	APHA 4110 B.

This analysis is carried out using procedures adapted from APHA Method 4110 B. "Ion Chromatography with Chemical Suppression of Eluent Conductivity" and EPA Method 300.0 "Determination of Inorganic Anions by Ion Chromatography".

ANIONS-NO2-IC-VA	Water	Nitrite in Water by Ion Chromatography	EPA 300.0

This analysis is carried out using procedures adapted from EPA Method 300.0 "Determination of Inorganic Anions by Ion Chromatography". Nitrite is detected by UV absorbance.

ANIONS-NO3-IC-VA	Water	Nitrate in Water by Ion Chromatography	EPA 300.0

This analysis is carried out using procedures adapted from EPA Method 300.0 "Determination of Inorganic Anions by Ion Chromatography". Nitrate is detected by UV absorbance.

ANIONS-SO4-IC-VA	Water	Sulfate by Ion Chromatography	APHA 4110 B.

This analysis is carried out using procedures adapted from APHA Method 4110 B. "Ion Chromatography with Chemical Suppression of Eluent Conductivity" and EPA Method 300.0 "Determination of Inorganic Anions by Ion Chromatography".

CARBONS-DOC-VA	Water	Dissolved organic carbon by combustion	APHA 5310 TOTAL ORGANIC CARBON (TOC)

This analysis is carried out using procedures adapted from APHA Method 5310 "Total Organic Carbon (TOC)". Dissolved carbon (DOC) fractions are determined by filtering the sample through a 0.45 micron membrane filter prior to analysis.

CARBONS-TOC-VA	Water	Total organic carbon by combustion	APHA 5310 TOTAL ORGANIC CARBON (TOC)

This analysis is carried out using procedures adapted from APHA Method 5310 "Total Organic Carbon (TOC)".

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.

HARDNESS-CALC-VA	Water	Hardness	APHA 2340B

Reference Information

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.

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:

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

MET-D-CCMS-VA Water Dissolved Metals in Water by CRC ICPMS APHA 3030 B&E / EPA SW-846 6020A

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 procedures may involve preliminary sample treatment by acid digestion, using hotblock, or filtration (APHA 3030B&E). Instrumental analysis is by collision cell inductively coupled plasma - mass spectrometry (modified from EPA Method 6020A).

MET-T-CCMS-VA Water Total Metals in Water by CRC ICPMS APHA 3030 B&E / EPA SW-846 6020A

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 procedures may involve preliminary sample treatment by acid digestion, using hotblock, or filtration (APHA 3030B&E). Instrumental analysis is by collision cell inductively coupled plasma - mass spectrometry (modified from EPA Method 6020A).

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.

P-T-COL-VA Water Total P in Water by Colour APHA 4500-P Phosphorous

This analysis is carried out using procedures adapted from APHA Method 4500-P "Phosphorus". Total Phosphorous is determined colourimetrically after persulphate digestion of the sample.

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.

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".

TSS-LOW-VA Water Total Suspended Solids by Grav. (1 mg/L) APHA 2540 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.

ZR-D-MS-VA Water Dissolved Zr in Water by ICPMS EPA SW-846 3005A/6020A

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 procedures may involve preliminary sample treatment by acid digestion, using either hotblock or microwave oven, or filtration (EPA Method 3005A). Instrumental analysis is by inductively coupled plasma - mass spectrometry (EPA Method 6020A).

ZR-T-MS-VA Water Total Zr in Water by ICPMS EPA SW-846 3005A/6020A

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 procedures may involve preliminary sample treatment by acid digestion, using either hotblock or microwave oven, or filtration (EPA Method 3005A). Instrumental analysis is by inductively coupled plasma - mass spectrometry (EPA Method 6020A).

** 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

Reference Information

VA ALS ENVIRONMENTAL - VANCOUVER, BRITISH COLUMBIA, CANADA

Chain of Custody Numbers:

1 2

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.

ALS Environmental

Chain of Custody / Analytical Request Form

Canada Toll Free: 1 800 668 9878

www.alsglobal.com

COC # _____

Page 1 of 2

Report To		Report Format / Distribution	Service Requested (Rush for routine analysis subject to availability)
Company:	EDI	☑ Standard ☐ Other	○ Regular (Standard Turnaround Times - Business Days)
Contact:	Meighan Kearns	☑ PDF ☑ Excel ☐ Digital ☐ Fax	◉ Priority (2-4 Business Days) - 50% Surcharge - Contact ALS to Confirm TAT
Address:	2195 - 2nd Avenue	Email 1: mkearns@edynamics.com	○ Emergency (1-2 Bus. Days) - 100% Surcharge - Contact ALS to Confirm TAT
	Whitehorse, YT Y1A 3T8	Email 2: adrienne.turcotte@gov.yk.ca	○ Same Day or Weekend Emergency - Contact ALS to Confirm TAT
Phone:	867-393-4882 Fax:	Email 3:	
Invoice To	Same as Report ? ☑ Yes ☐ No	Client / Project Information	Analysis Request
Hardcopy of Invoice with Report?	☐ Yes ☑ No	Job #: 13-Y-0452	Please indicate below Filtered, Preserved or both (F, P, F/P)
Company:		PO / AFE:	
Contact:		LSD:	
Address:			
Phone:	Fax:	Quote #: Q38556	
Lab Work Order # (lab use only)	L1417021	ALS Contact: MEIGHAN KEARNS	Sampler: LAURA GRIEVE

Sample #	Sample Identification (This description will appear on the report)	Date (dd-mmm-yy)	Time (hh:mm)	Sample Type	ALK-COL-VA,P-T-COL-VA	ANIONS-ALL-IC-WR	CARBONS-DOC-VA	CARBONS-TOC-VA,NH3-F-A	EC-MAN-WR,PH-MAN-WR	MET-D-CCMS-VA,ZR-D-MS-	MET-T-CCMS-VA,ZR-T-MS-	IONBALANCE-VA	TDS-CALC-VA	TSS-LOW-WR	HARDNESS-CALC-VA		Number of Containers
1	X10	28-JAN-14	13:35	Surface Water	X	X	X	X	X	X	X	X	X	X	X		5
2	NF2-B	28-JAN-14	14:40	Surface Water	X	X	X	X	X	X	X	X	X	X	X		5
3	X14	28-JAN-14	13:15	Surface Water	X	X	X	X	X	X	X	X	X	X	X		5
4	NF1	28-JAN-14	15:25	Surface Water	X	X	X	X	X	X	X	X	X	X	X		5
5	X2	28-JAN-14	14:15	Surface Water	X	X	X	X	X	X	X	X	X	X	X		5
6	X2-R	28-JAN-14	1420	Surface Water	X	X	X	X	X	X	X	X	X	X	X		5
				Surface Water	X	X	X	X	X	X	X	X	X	X	X		5
				Surface Water	X	X	X	X	X	X	X	X	X	X	X		5

Special Instructions / Regulations with water or land use (CCME-Freshwater Aquatic Life/BC CSR - Commercial/AB

Use Faro Equis Format to report

L1417021-COFC

Failure to complete all portions of this form may delay analysis. Please fill in this form

By the use of this form the user acknowledges and agrees with the Terms and Conditions as provide

Also provided on another Excel tab are the ALS location addresses, phone numbers and sample container / preservation / holding time table for common analyses.

SHIPMENT RELEASE (client use)			SHIPMENT RECEPTION (lab use only)				SHIPMENT VERIFICATION (lab use only)			
Released by:	Date (dd-mmm-yy)	Time (hh-mm)	Received by:	Date:	Time:	Temperature:	Verified by:	Date:	Time:	Observations: Yes / No ? If Yes add SIF
LAURA GRIEVE	29-JAN-14			29-JAN-14	4:35	1.5, 0.4 °C				

GENF 18.01 Front

ALS Environmental

Chain of Custody / Analytical Request Form

Canada Toll Free: 1 800 668 9878

www.alsglobal.com

COC # _____

Report To		Report Format / Distribution	Service Requested (Rush for routine analysis subject to availability)
Company:	EDI	☑ Standard ☐ Other	○ Regular (Standard Turnaround Times - Business Days)
Contact:	Meighan Kearns	☑ PDF ☑ Excel ☐ Digital ☐ Fax	◉ Priority (2-4 Business Days) - 50% Surcharge - Contact ALS to Confirm TAT
Address:	2195 - 2nd Avenue	Email 1: mkearns@edynamics.com	○ Emergency (1-2 Bus. Days) - 100% Surcharge - Contact ALS to Confirm TAT
	Whitehorse, YT Y1A 3T8	Email 2: adrienne.turcotte@gov.yk.ca	○ Same Day or Weekend Emergency - Contact ALS to Confirm TAT
Phone:	867-393-4882 Fax:	Email 3:	
Invoice To	Same as Report ? ☑ Yes ☐ No	Client / Project Information	
Hardcopy of Invoice with Report?	☐ Yes ☑ No	Job #: 13-Y-0452	
Company:		PO / AFE:	
Contact:		LSD:	
Address:			
Phone:	Fax:	Quote #: Q38556	
Lab Work Order # (lab use only)	L1417021	ALS Contact: Meighan Kearns	Sampler: LAURA GRIEVE

Analysis Request

Please indicate below Filtered, Preserved or both (F, P, F/P)

Sample #	Sample Identification (This description will appear on the report)	Date (dd-mmm-yy)	Time (hh:mm)	Sample Type	ALK-COL-VA,P-T-COL-VA	ANIONS-ALL-IC-WR	CARBONS-DOC-VA	CARBONS-TOC-VA,NH3-F-VA	EC-MAN-WR,PH-MAN-WR	MET-D-CCMS-VA,ZR-D-MS-VA	MET-T-CCMS-VA,ZR-T-MS-VA	IONBALANCE-VA	TDS-CALC-VA	TSS-LOW-WR	HARDNESS-CALC-VA		Number of Containers
	R10	28-JAN-14	16:05	Surface Water	X	X	X	X	X	X	X	X	X	X	X		5
	R9	28-JAN-14	16:15	Surface Water	X	X	X	X	X	X	X	X	X	X	X		5
	R8	28-JAN-14	16:35	Surface Water	X	X	X	X	X	X	X	X	X	X	X		5
	NF2	28-JAN-14	14:55	Surface Water	X	X	X	X	X	X	X	X	X	X	X		5
	Travel Blank	N/A	N/A	Surface Water	X	X	X	X	X	X	X	X	X	X	X		5
	X3A	28-JAN-14	13:55	Surface Water	X	X	X	X	X	X	X	X	X	X	X		5
	Field Blank	28-JAN-14	17:55	Surface Water	X	X	X	X	X	X	X	X	X	X	X		5
				Surface Water	X	X	X	X	X	X	X	X	X	X	X		5

Special Instructions / Regulations with water or land use (CCME-Freshwater Aquatic Life/BC CSR - Commercial/AB Tier 1

Use Faro Equis Format to report

L1417021-COFC

Failure to complete all portions of this form may delay analysis. Please fill in this form LEG

By the use of this form the user acknowledges and agrees with the Terms and Conditions as provided on a

Also provided on another Excel tab are the ALS location addresses, phone numbers and sample container / preservation / holding time table for common analyses.

SHIPMENT RELEASE (client use)			SHIPMENT RECEPTION (lab use only)				SHIPMENT VERIFICATION (lab use only)			
Released by:	Date (dd-mmm-yy)	Time (hh-mm)	Received by:	Date:	Time:	Temperature:	Verified by:	Date:	Time:	Observations: Yes / No ? If Yes add SIF
LAURA GRIEVE	29-JAN-14			29-JAN-14	4:35	1.5, 0.4 °C				