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

Date Received: 21-MAY-14
Report Date: 09-JUN-14 17:04 (MT)
Version: FINAL

Client Phone: 867-393-4882

Certificate of Analysis

Lab Work Order #: L1458001

Project P.O. #: NOT SUBMITTED
Job Reference: 14-Y-270
C of C Numbers: 1, 2
Legal Site Desc:

Can Dang
Senior Account Manager

ALS ENVIRONMENTAL ANALYTICAL REPORT

Grouping	Analyte	L1458001-1 Grab 20-MAY-14 14:55 X14	L1458001-2 Grab 20-MAY-14 15:07 X10	L1458001-3 Grab 20-MAY-14 15:25 X3A	L1458001-4 Grab 20-MAY-14 15:45 X2	L1458001-5 Grab 20-MAY-14 16:05 NF2-A
WATER						
Physical Tests	Conductivity (uS/cm)	143	93.7	75.4	65.7	63.6
	Hardness (as CaCO3) (mg/L)	63.4	42.7	34.1	30.1	29.7
	pH (pH)	7.30	7.61	7.39	7.28	7.24
	Total Suspended Solids (mg/L)	14.2	14.8	25.4	17.6	15.2
	Total Dissolved Solids (mg/L)	86.6	57.3	48.8	43.9	42.6
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	46.9	41.8	32.6	27.8	26.5
	Ammonia, Total (as N) (mg/L)	0.0096	<0.0050	<0.0050	<0.0050	0.0058
	Chloride (Cl) (mg/L)	<0.50	<0.50	<0.50	<0.50	<0.50
	Fluoride (F) (mg/L)	0.069	0.067	0.064	0.063	0.071
	Nitrate (as N) (mg/L)	0.0221	0.0303	0.0218	0.0276	0.0173
	Nitrite (as N) (mg/L)	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	Phosphorus (P)-Total (mg/L)	0.0249	0.0283	0.0421	0.0264	0.0313
	Sulfate (SO4) (mg/L)	24.4	6.39	5.22	4.21	3.89
	Anion Sum (meq/L)	1.45	0.98	0.76	0.65	0.62
	Cation Sum (meq/L)	1.37	0.93	0.76	0.68	0.67
	Cation - Anion Balance (%)	-2.8	-2.5	-0.3	2.1	4.3
Organic / Inorganic Carbon	Dissolved Organic Carbon (mg/L)	8.54	8.45	9.20	10.6	9.70
	Total Organic Carbon (mg/L)	8.52	8.59	9.56	10.1	9.95
Total Metals	Aluminum (Al)-Total (mg/L)	0.413	0.412	0.548	0.616	0.619
	Antimony (Sb)-Total (mg/L)	0.00015	0.00019	0.00018	0.00018	0.00016
	Arsenic (As)-Total (mg/L)	0.00086	0.00090	0.00107	0.00111	0.00102
	Barium (Ba)-Total (mg/L)	0.0350	0.0322	0.0326	0.0333	0.0324
	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)	0.000062	0.000062	0.000081	0.000088	0.000082
	Calcium (Ca)-Total (mg/L)	18.7	12.8	10.1	9.61	8.91
	Chromium (Cr)-Total (mg/L)	0.00097	0.00097	0.00111	0.00125	0.00122
	Cobalt (Co)-Total (mg/L)	0.00091	0.00044	0.00055	0.00061	0.00057
	Copper (Cu)-Total (mg/L)	0.00255	0.00243	0.00281	0.00309	0.00291
	Iron (Fe)-Total (mg/L)	0.826	0.759	0.995	0.992	0.995
	Lead (Pb)-Total (mg/L)	0.00382	0.00361	0.00537	0.00690	0.00527
	Lithium (Li)-Total (mg/L)	0.00218	0.00181	0.00214	0.00253	0.00209
	Magnesium (Mg)-Total (mg/L)	4.62	3.13	2.22	2.07	1.94
	Manganese (Mn)-Total (mg/L)	0.405	0.0366	0.0448	0.0433	0.0378
	Molybdenum (Mo)-Total (mg/L)	0.000277	0.000285	0.000274	0.000277	0.000250

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

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample ID	L1458001-6	L1458001-7	L1458001-8	L1458001-9	L1458001-10
Description	Grab	Grab	Grab	Grab	Grab
Sampled Date	20-MAY-14	20-MAY-14	20-MAY-14	20-MAY-14	20-MAY-14
Sampled Time	16:20	16:30	17:10	17:20	17:25
Client ID	NF2-B	NF2	NF1	R10	R10-R
Grouping / **Analyte**					
WATER					
Physical Tests					
Conductivity (uS/cm)	62.4	68.9	61.5	58.6	59.2
Hardness (as CaCO3) (mg/L)	28.9	30.6	28.9	28.7	28.6
pH (pH)	7.21	7.18	7.23	7.27	7.29
Total Suspended Solids (mg/L)	18.6	19.8	15.4	54.4	53.6
Total Dissolved Solids (mg/L)	42.2	46.0	42.4	41.5	40.8
Anions and Nutrients					
Alkalinity, Total (as CaCO3) (mg/L)	27.6	28.0	27.9	25.7	24.4
Ammonia, Total (as N) (mg/L)	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Chloride (Cl) (mg/L)	<0.50	<0.50	<0.50	<0.50	<0.50
Fluoride (F) (mg/L)	0.062	0.065	0.059	0.063	0.060
Nitrate (as N) (mg/L)	0.0163	0.0240	0.0141	0.0120	0.0114
Nitrite (as N) (mg/L)	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Phosphorus (P)-Total (mg/L)	0.0225	0.0312	0.0255	0.0725	0.0346
Sulfate (SO4) (mg/L)	3.34	6.02	3.42	3.11	3.07
Anion Sum (meq/L)	0.63	0.69	0.63	0.58	0.56
Cation Sum (meq/L)	0.65	0.70	0.65	0.65	0.64
Cation - Anion Balance (%)	1.9	0.4	1.5	5.2	7.3
Organic / Inorganic Carbon					
Dissolved Organic Carbon (mg/L)	9.89	10.3	9.63	10.5	10.7
Total Organic Carbon (mg/L)	9.89	9.96	9.83	10.6	10.8
Total Metals					
Aluminum (Al)-Total (mg/L)	0.658	0.682	0.569	1.33	1.45
Antimony (Sb)-Total (mg/L)	0.00014	0.00014	0.00013	0.00018	0.00019
Arsenic (As)-Total (mg/L)	0.00111	0.00102	0.00093	0.00152	0.00162
Barium (Ba)-Total (mg/L)	0.0328	0.0328	0.0317	0.0463	0.0474
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)	0.000048	0.000191	0.000047	0.000079	0.000076
Calcium (Ca)-Total (mg/L)	8.98	8.75	9.12	8.97	9.09
Chromium (Cr)-Total (mg/L)	0.00136	0.00137	0.00106	0.00254	0.00283
Cobalt (Co)-Total (mg/L)	0.00047	0.00122	0.00035	0.00086	0.00091
Copper (Cu)-Total (mg/L)	0.00315	0.00315	0.00277	0.00398	0.00435
Iron (Fe)-Total (mg/L)	1.03	1.08	0.844	2.03	2.15
Lead (Pb)-Total (mg/L)	0.00680	0.00662	0.00446	0.00894	0.0105
Lithium (Li)-Total (mg/L)	0.00228	0.00241	0.00197	0.00346	0.00350
Magnesium (Mg)-Total (mg/L)	1.93	2.30	1.92	2.01	2.14
Manganese (Mn)-Total (mg/L)	0.0323	0.0687	0.0259	0.0564	0.0595
Molybdenum (Mo)-Total (mg/L)	0.000272	0.000266	0.000245	0.000300	0.000314

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ALS ENVIRONMENTAL ANALYTICAL REPORT

	Sample ID	L1458001-11	L1458001-12	L1458001-13		
	Description	Grab	Grab	Grab		
	Sampled Date	20-MAY-14	21-MAY-14	20-MAY-14		
	Sampled Time	18:50	11:20	14:15		
	Client ID	FIELD BLANK	TRIP BLANK	R3		
Grouping	**Analyte**					
WATER						
Physical Tests	Conductivity (uS/cm)	<2.0	<2.0	132		
	Hardness (as CaCO3) (mg/L)	179	<0.50	59.7		
	pH (pH)	5.91	5.63	7.93		
	Total Suspended Solids (mg/L)	<1.0	<1.0	17.0		
	Total Dissolved Solids (mg/L)	69.7	<1.0	79.2		
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	<2.0	<2.0	44.8		
	Ammonia, Total (as N) (mg/L)	<0.0050	<0.0050	0.0107		
	Chloride (Cl) (mg/L)	<0.50	<0.50	<0.50		
	Fluoride (F) (mg/L)	<0.020	<0.020	0.066		
	Nitrate (as N) (mg/L)	<0.0050	<0.0050	0.0253		
	Nitrite (as N) (mg/L)	<0.0010	<0.0010	<0.0010		
	Phosphorus (P)-Total (mg/L)	<0.0020	<0.0020	0.0145		
	Sulfate (SO4) (mg/L)	<0.50	<0.50	20.3		
	Anion Sum (meq/L)	<0.10	<0.10	1.32		
	Cation Sum (meq/L)	4.09	<0.10	1.29		
	Cation - Anion Balance (%)	0.0	0.0	-1.3		
Organic / Inorganic Carbon	Dissolved Organic Carbon (mg/L)	0.68 RRV		7.99		
	Total Organic Carbon (mg/L)	0.59 RRV	<0.50	7.85		
Total Metals	Aluminum (Al)-Total (mg/L)	<0.0030	<0.0030	0.479		
	Antimony (Sb)-Total (mg/L)	0.00013 RRV	<0.00010	<0.00010		
	Arsenic (As)-Total (mg/L)	0.00430 RRV	<0.00010	0.00091		
	Barium (Ba)-Total (mg/L)	0.0344 RRV	<0.000050	0.0362		
	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)	0.015 RRV	<0.010	<0.010		
	Cadmium (Cd)-Total (mg/L)	<0.000010	<0.000010	0.000059		
	Calcium (Ca)-Total (mg/L)	33.1 RRV	<0.020	18.2		
	Chromium (Cr)-Total (mg/L)	0.00012 RRV	<0.00010	0.00111		
	Cobalt (Co)-Total (mg/L)	<0.00010	<0.00010	0.00088		
	Copper (Cu)-Total (mg/L)	0.0234 RRV	<0.00050	0.00254		
	Iron (Fe)-Total (mg/L)	<0.010	<0.010	0.860		
	Lead (Pb)-Total (mg/L)	<0.000050	<0.000050	0.00446		
	Lithium (Li)-Total (mg/L)	0.00080 RRV	<0.00050	0.00214		
	Magnesium (Mg)-Total (mg/L)	23.4 RRV	<0.0050	3.99		
	Manganese (Mn)-Total (mg/L)	0.000080 RRV	<0.000050	0.361		
	Molybdenum (Mo)-Total (mg/L)	0.00444 RRV	<0.000050	0.000318		

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ALS ENVIRONMENTAL ANALYTICAL REPORT

Grouping	Analyte	L1458001-1 Grab 20-MAY-14 14:55 X14	L1458001-2 Grab 20-MAY-14 15:07 X10	L1458001-3 Grab 20-MAY-14 15:25 X3A	L1458001-4 Grab 20-MAY-14 15:45 X2	L1458001-5 Grab 20-MAY-14 16:05 NF2-A
WATER						
Total Metals	Nickel (Ni)-Total (mg/L)	0.00238	0.00193	0.00209	0.00231	0.00233
	Phosphorus (P)-Total (mg/L)	<0.30	<0.30	<0.30	<0.30	<0.30
	Potassium (K)-Total (mg/L)	0.895	0.800	0.844	0.935	0.827
	Selenium (Se)-Total (mg/L)	0.00026	0.00026	0.00021	0.00020	0.00016
	Silicon (Si)-Total (mg/L)	3.56	3.37	3.68	3.96	3.91
	Silver (Ag)-Total (mg/L)	0.000050	0.000033	0.000031	0.000031	0.000030
	Sodium (Na)-Total (mg/L)	1.30	0.912	0.954	0.966	0.920
	Strontium (Sr)-Total (mg/L)	0.0769	0.0586	0.0484	0.0463	0.0424
	Thallium (Tl)-Total (mg/L)	0.000020	0.000063	0.000055	0.000051	0.000036
	Tin (Sn)-Total (mg/L)	0.00012	0.00016	0.00013	0.00013	0.00011
	Titanium (Ti)-Total (mg/L)	0.014	0.013	0.019	0.021	0.021
	Uranium (U)-Total (mg/L)	0.000668	0.000578	0.000490	0.000422	0.000407
	Vanadium (V)-Total (mg/L)	0.0011	0.0012	0.0015	0.0018	0.0017
	Zinc (Zn)-Total (mg/L)	0.0377	0.0362	0.0504	0.0539	0.0538
	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)	0.0497	0.0510	0.0631	0.0725	0.0753
	Antimony (Sb)-Dissolved (mg/L)	0.00010	0.00012	0.00013	<0.00010	<0.00010
	Arsenic (As)-Dissolved (mg/L)	0.00045	0.00045	0.00051	0.00052	0.00050
	Barium (Ba)-Dissolved (mg/L)	0.0266	0.0256	0.0231	0.0218	0.0214
	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)	0.000037	0.000035	0.000045	0.000048	0.000054
	Calcium (Ca)-Dissolved (mg/L)	18.6	12.1	10.2	9.00	8.96
	Chromium (Cr)-Dissolved (mg/L)	0.00014	0.00011	0.00013	0.00012	0.00013
	Cobalt (Co)-Dissolved (mg/L)	0.00054	0.00013	0.00020	0.00020	0.00020
	Copper (Cu)-Dissolved (mg/L)	0.00162	0.00162	0.00175	0.00190	0.00183
	Iron (Fe)-Dissolved (mg/L)	0.154	0.132	0.179	0.153	0.152
	Lead (Pb)-Dissolved (mg/L)	0.000786	0.000790	0.00129	0.00158	0.00151
	Lithium (Li)-Dissolved (mg/L)	0.00172	0.00123	0.00159	0.00158	0.00153
	Magnesium (Mg)-Dissolved (mg/L)	4.14	3.06	2.08	1.84	1.79
	Manganese (Mn)-Dissolved (mg/L)	0.352	0.0107	0.0174	0.0133	0.0126
	Molybdenum (Mo)-Dissolved (mg/L)	0.000256	0.000232	0.000210	0.000198	0.000194
	Nickel (Ni)-Dissolved (mg/L)	0.00142	0.00094	0.00106	0.00109	0.00107
	Phosphorus (P)-Dissolved (mg/L)	<0.30	<0.30	<0.30	<0.30	<0.30
	Potassium (K)-Dissolved (mg/L)	0.821	0.754	0.746	0.731	0.724

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ALS ENVIRONMENTAL ANALYTICAL REPORT

Grouping	Analyte	L1458001-6 Grab 20-MAY-14 16:20 NF2-B	L1458001-7 Grab 20-MAY-14 16:30 NF2	L1458001-8 Grab 20-MAY-14 17:10 NF1	L1458001-9 Grab 20-MAY-14 17:20 R10	L1458001-10 Grab 20-MAY-14 17:25 R10-R
WATER						
Total Metals	Nickel (Ni)-Total (mg/L)	0.00223	0.00335	0.00187	0.00313	0.00337
	Phosphorus (P)-Total (mg/L)	<0.30	<0.30	<0.30	<0.30	<0.30
	Potassium (K)-Total (mg/L)	0.863	0.829	0.840	0.919	1.00
	Selenium (Se)-Total (mg/L)	0.00017	0.00016	0.00015	0.00015	0.00016
	Silicon (Si)-Total (mg/L)	3.96	4.09	3.85	4.98	5.24
	Silver (Ag)-Total (mg/L)	0.000031	0.000028	0.000021	0.000046	0.000047
	Sodium (Na)-Total (mg/L)	0.928	0.982	0.913	0.911	0.956
	Strontium (Sr)-Total (mg/L)	0.0437	0.0433	0.0429	0.0442	0.0455
	Thallium (Tl)-Total (mg/L)	0.000025	0.000028	0.000019	0.000041	0.000036
	Tin (Sn)-Total (mg/L)	0.00011	<0.00010	<0.00010	0.00013	0.00014
	Titanium (Ti)-Total (mg/L)	0.022	0.024	0.026	0.050	0.103
	Uranium (U)-Total (mg/L)	0.000420	0.000432	0.000425	0.000536	0.000543
	Vanadium (V)-Total (mg/L)	0.0020	0.0019	0.0015	0.0034	0.0039
	Zinc (Zn)-Total (mg/L)	0.0106	0.197	0.0119	0.0139	0.0149
	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)	0.0736	0.0759	0.0791	0.0857	0.0818
	Antimony (Sb)-Dissolved (mg/L)	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
	Arsenic (As)-Dissolved (mg/L)	0.00049	0.00049	0.00046	0.00047	0.00046
	Barium (Ba)-Dissolved (mg/L)	0.0215	0.0219	0.0232	0.0226	0.0227
	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)	0.000021	0.000146	0.000023	0.000037	0.000025
	Calcium (Ca)-Dissolved (mg/L)	8.78	8.80	8.72	8.85	8.81
	Chromium (Cr)-Dissolved (mg/L)	0.00013	0.00014	0.00013	0.00013	0.00013
	Cobalt (Co)-Dissolved (mg/L)	<0.00010	0.00073	<0.00010	<0.00010	<0.00010
	Copper (Cu)-Dissolved (mg/L)	0.00186	0.00183	0.00179	0.00187	0.00179
	Iron (Fe)-Dissolved (mg/L)	0.147	0.164	0.148	0.147	0.147
	Lead (Pb)-Dissolved (mg/L)	0.00166	0.00169	0.00152	0.00188	0.00177
	Lithium (Li)-Dissolved (mg/L)	0.00148	0.00157	0.00155	0.00145	0.00150
	Magnesium (Mg)-Dissolved (mg/L)	1.68	2.10	1.73	1.59	1.60
	Manganese (Mn)-Dissolved (mg/L)	0.00370	0.0397	0.00902	0.00839	0.00844
	Molybdenum (Mo)-Dissolved (mg/L)	0.000200	0.000200	0.000195	0.000200	0.000189
	Nickel (Ni)-Dissolved (mg/L)	0.00086	0.00187	0.00079	0.00084	0.00077
	Phosphorus (P)-Dissolved (mg/L)	<0.30	<0.30	<0.30	<0.30	<0.30
	Potassium (K)-Dissolved (mg/L)	0.730	0.722	0.713	0.693	0.704

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

ALS ENVIRONMENTAL ANALYTICAL REPORT

	Sample ID	L1458001-11	L1458001-12	L1458001-13		
	Description	Grab	Grab	Grab		
	Sampled Date	20-MAY-14	21-MAY-14	20-MAY-14		
	Sampled Time	18:50	11:20	14:15		
	Client ID	FIELD BLANK	TRIP BLANK	R3		
Grouping	**Analyte**					
WATER						
Total Metals	Nickel (Ni)-Total (mg/L)	<0.00050	<0.00050	0.00225		
	Phosphorus (P)-Total (mg/L)	<0.30	<0.30	<0.30		
	Potassium (K)-Total (mg/L)	2.16 RRV	<0.050	0.903		
	Selenium (Se)-Total (mg/L)	0.00026 RRV	<0.00010	0.00016		
	Silicon (Si)-Total (mg/L)	6.53 RRV	<0.050	3.86		
	Silver (Ag)-Total (mg/L)	0.00880 RRV	<0.000010	0.000035		
	Sodium (Na)-Total (mg/L)	10.4 RRV	<0.050	1.29		
	Strontium (Sr)-Total (mg/L)	0.292 RRV	<0.00020	0.0714		
	Thallium (Tl)-Total (mg/L)	<0.000010	<0.000010	0.000013		
	Tin (Sn)-Total (mg/L)	<0.00010	<0.00010	<0.00010		
	Titanium (Ti)-Total (mg/L)	<0.010	<0.010	0.015		
	Uranium (U)-Total (mg/L)	0.00314 RRV	<0.000010	0.000629		
	Vanadium (V)-Total (mg/L)	0.0016 RRV	<0.0010	0.0016		
	Zinc (Zn)-Total (mg/L)	0.0084 RRV	<0.0030	0.0364		
	Zirconium (Zr)-Total (mg/L)	<0.00080	<0.00080	<0.00080		
Dissolved Metals	Dissolved Metals Filtration Location			FIELD		
	Aluminum (Al)-Dissolved (mg/L)			0.0465		
	Antimony (Sb)-Dissolved (mg/L)			<0.00010		
	Arsenic (As)-Dissolved (mg/L)			0.00036		
	Barium (Ba)-Dissolved (mg/L)			0.0237		
	Beryllium (Be)-Dissolved (mg/L)			<0.00010		
	Bismuth (Bi)-Dissolved (mg/L)			<0.00050		
	Boron (B)-Dissolved (mg/L)			<0.010		
	Cadmium (Cd)-Dissolved (mg/L)			0.000033		
	Calcium (Ca)-Dissolved (mg/L)			17.7		
	Chromium (Cr)-Dissolved (mg/L)			0.00011		
	Cobalt (Co)-Dissolved (mg/L)			0.00038		
	Copper (Cu)-Dissolved (mg/L)			0.00151		
	Iron (Fe)-Dissolved (mg/L)			0.119		
	Lead (Pb)-Dissolved (mg/L)			0.000633		
	Lithium (Li)-Dissolved (mg/L)			0.00122		
	Magnesium (Mg)-Dissolved (mg/L)			3.75		
	Manganese (Mn)-Dissolved (mg/L)			0.246		
	Molybdenum (Mo)-Dissolved (mg/L)			0.000234		
	Nickel (Ni)-Dissolved (mg/L)			0.00112		
	Phosphorus (P)-Dissolved (mg/L)			<0.30		
	Potassium (K)-Dissolved (mg/L)			0.808		

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

ALS ENVIRONMENTAL ANALYTICAL REPORT

	Sample ID	L1458001-1	L1458001-2	L1458001-3	L1458001-4	L1458001-5
	Description	Grab	Grab	Grab	Grab	Grab
	Sampled Date	20-MAY-14	20-MAY-14	20-MAY-14	20-MAY-14	20-MAY-14
	Sampled Time	14:55	15:07	15:25	15:45	16:05
	Client ID	X14	X10	X3A	X2	NF2-A
Grouping	**Analyte**					
WATER						
Dissolved Metals	Selenium (Se)-Dissolved (mg/L)	0.00018	0.00021	0.00017	0.00013	0.00013
	Silicon (Si)-Dissolved (mg/L)	2.97	2.87	3.03	3.04	3.09
	Silver (Ag)-Dissolved (mg/L)	<0.000010	0.000010	0.000011	<0.000010	<0.000010
	Sodium (Na)-Dissolved (mg/L)	1.24	0.912	0.935	0.892	0.908
	Strontium (Sr)-Dissolved (mg/L)	0.0745	0.0576	0.0501	0.0425	0.0420
	Thallium (Tl)-Dissolved (mg/L)	0.000014	0.000030	0.000050	0.000019	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)	0.000600	0.000515	0.000417	0.000342	0.000340
	Vanadium (V)-Dissolved (mg/L)	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	Zinc (Zn)-Dissolved (mg/L)	0.0342	0.0288	0.0434	0.0449	0.0497
	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

Grouping	Analyte	L1458001-6 Grab 20-MAY-14 16:20 NF2-B	L1458001-7 Grab 20-MAY-14 16:30 NF2	L1458001-8 Grab 20-MAY-14 17:10 NF1	L1458001-9 Grab 20-MAY-14 17:20 R10	L1458001-10 Grab 20-MAY-14 17:25 R10-R
Sample ID						
Description						
Sampled Date						
Sampled Time						
Client ID						
WATER						
Dissolved Metals	Selenium (Se)-Dissolved (mg/L)	0.00013	0.00013	0.00012	0.00012	0.00011
	Silicon (Si)-Dissolved (mg/L)	3.08	3.03	3.09	3.08	3.13
	Silver (Ag)-Dissolved (mg/L)	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010
	Sodium (Na)-Dissolved (mg/L)	0.875	0.965	0.879	0.872	0.849
	Strontium (Sr)-Dissolved (mg/L)	0.0408	0.0423	0.0419	0.0397	0.0402
	Thallium (Tl)-Dissolved (mg/L)	0.000015	0.000014	<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)	0.000337	0.000351	0.000353	0.000349	0.000329
	Vanadium (V)-Dissolved (mg/L)	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	Zinc (Zn)-Dissolved (mg/L)	0.0056	0.178	0.0080	0.0058	0.0055
	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	L1458001-11	L1458001-12	L1458001-13		
	Description	Grab	Grab	Grab		
	Sampled Date	20-MAY-14	21-MAY-14	20-MAY-14		
	Sampled Time	18:50	11:20	14:15		
	Client ID	FIELD BLANK	TRIP BLANK	R3		
Grouping	**Analyte**					
WATER						
Dissolved Metals	Selenium (Se)-Dissolved (mg/L)			0.00014		
	Silicon (Si)-Dissolved (mg/L)			3.13		
	Silver (Ag)-Dissolved (mg/L)			<0.000010		
	Sodium (Na)-Dissolved (mg/L)			1.24		
	Strontium (Sr)-Dissolved (mg/L)			0.0676		
	Thallium (Tl)-Dissolved (mg/L)			<0.000010		
	Tin (Sn)-Dissolved (mg/L)			<0.00010		
	Titanium (Ti)-Dissolved (mg/L)			<0.010		
	Uranium (U)-Dissolved (mg/L)			0.000531		
	Vanadium (V)-Dissolved (mg/L)			<0.0010		
	Zinc (Zn)-Dissolved (mg/L)			0.0261		
	Zirconium (Zr)-Dissolved (mg/L)			<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)
Matrix Spike	Arsenic (As)-Dissolved	MS-B	L1458001-1, -10, -13, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Calcium (Ca)-Dissolved	MS-B	L1458001-1, -10, -13, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Magnesium (Mg)-Dissolved	MS-B	L1458001-1, -10, -13, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Strontium (Sr)-Dissolved	MS-B	L1458001-1, -10, -13, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Calcium (Ca)-Dissolved	MS-B	L1458001-1, -10, -13, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Magnesium (Mg)-Dissolved	MS-B	L1458001-1, -10, -13, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Strontium (Sr)-Dissolved	MS-B	L1458001-1, -10, -13, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Phosphorus (P)-Total	MS-B	L1458001-1, -10, -11, -12, -13, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Total Organic Carbon	MS-B	L1458001-1, -2, -3, -4, -5, -6, -7, -8
Matrix Spike	Dissolved Organic Carbon	MS-B	L1458001-1, -2, -3, -4, -5, -6, -7, -8
Matrix Spike	Dissolved Organic Carbon	MS-B	L1458001-10, -13, -9
Matrix Spike	Dissolved Organic Carbon	MS-B	L1458001-11
Matrix Spike	Barium (Ba)-Dissolved	MS-B	L1458001-1, -10, -13, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Calcium (Ca)-Dissolved	MS-B	L1458001-1, -10, -13, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Magnesium (Mg)-Dissolved	MS-B	L1458001-1, -10, -13, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Sodium (Na)-Dissolved	MS-B	L1458001-1, -10, -13, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Strontium (Sr)-Dissolved	MS-B	L1458001-1, -10, -13, -2, -3, -4, -5, -6, -7, -8, -9

Qualifiers for Individual Parameters Listed:

Qualifier	Description
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-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-CL-IC-WR	Water	Chloride by Ion Chromatography	EPA 300.1

This analysis is carried out using procedures adapted from EPA Method 300.1, "Determination of Inorganic Anions by Ion Chromatography", Revision 1.0, April 1999 and from "Determination of Inorganic Anions in Environmental Waters Using a Hydroxide-Selective Column", Application Note 154 v.19, Dionex 2003.

ANIONS-F-IC-WR	Water	Fluoride by Ion Chromatography	EPA 300.1

This analysis is carried out using procedures adapted from EPA Method 300.1, "Determination of Inorganic Anions by Ion Chromatography", Revision 1.0, April 1999 and from "Determination of Inorganic Anions in Environmental Waters Using a Hydroxide-Selective Column", Application Note 154 v.19, Dionex 2003.

ANIONS-NO2-IC-WR	Water	Nitrite Nitrogen by Ion Chromatography	EPA 300.1

This analysis is carried out using procedures adapted from EPA Method 300.1, "Determination of Inorganic Anions by Ion Chromatography", Revision 1.0, April 1999 and from "Determination of Inorganic Anions in Environmental Waters Using a Hydroxide-Selective Column", Application Note 154 v.19, Dionex 2003. Nitrate is detected by UV absorbance.

ANIONS-NO3-IC-WR	Water	Nitrate Nitrogen by Ion Chromatography	EPA 300.1

This analysis is carried out using procedures adapted from EPA Method 300.1, "Determination of Inorganic Anions by Ion Chromatography", Revision 1.0, April 1999 and from "Determination of Inorganic Anions in Environmental Waters Using a Hydroxide-Selective Column", Application Note 154 v.19, Dionex 2003. Nitrate is detected by UV absorbance.

ANIONS-SO4-IC-WR	Water	Sulphate by Ion Chromatography	EPA 300.1

This analysis is carried out using procedures adapted from EPA Method 300.1, "Determination of Inorganic Anions by Ion Chromatography", Revision 1.0, April 1999 and from "Determination of Inorganic Anions in Environmental Waters Using a Hydroxide-Selective Column", Application Note 154 v.19, Dionex 2003.

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-MAN-WR	Water	Conductivity by Meter	APHA 2510 (B)

Reference Information

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

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.

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 Phosphorus

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

PH-MAN-WR Water pH by Meter APHA 4500-H (B)

"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."

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-WR Water Total Suspended Solids by Grav. (1 mg/L) APHA 2540 D

This analysis is carried out using procedures adapted from APHA Method 2540 "Solids". Solids are determined gravimetrically. Total Suspended Solids are determined by filtering a sample through a glass fibre filter and 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
WR	ALS ENVIRONMENTAL - WHITEHORSE, YUKON, CANADA
VA	ALS ENVIRONMENTAL - VANCOUVER, BRITISH COLUMBIA, CANADA

Reference Information

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.

Chain of Custody (COC) / Analytical Request Form

ALS Environmental

www.alsglobal.com

Canada Toll Free: 1 800 668 9878

L1458001-COFC

COC Number: 14 -

Page 1 of 2

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

Invoice To		Invoice Distribution	
	Same as Report To ☐ Yes ☑ No	Select Invoice Distribution:	☐ EMAIL ☐ MAIL ☐ FAX
	Copy of Invoice with Report ☑ Yes ☐ No	Email 1 or Fax	sjenner@edynamics.com
Company:	EDI	Email 2	
Contact:	S Jenner		

Project Information		Oil and Gas Required Fields (client use)	
ALS Quote #:	Q38556	Approver ID:	Cost Center:
Job #:	14-Y-270	GL Account:	Routing Code:
PO / AFE:		Activity Code:	
LSD:		Location:	
ALS Lab Work Order # (lab use only)		ALS Contact:	Sampler: BSm, CR

Analysis Request

Indicate Filtered (F), Preserved (P) or Filtered and Preserved (F/P) below

ALS Sample # (lab use only)	Sample Identification (This description ... the report)	Date (dd-mmm-yy)	Time (hh:mm)	Sample Type	ALK-COL-VA,P-T-COL-VA,IONBALANCE-VA	ANIONS-ALL-IC-WR, TDS-CALC-VA	EC-MAN-WR,PH-MAN-WR	TSS-LOW-WR	CARBONS-TOC-VA,NH3-F-VA	CARBONS-DOC-VA	MET-T-CCMS-VA,ZR-T-MS-VA	MET-D-CCMS-VA,ZR-D-MS-VA	HARDNESS-CALC-VA	Number of Containers
1	X14	20MAY14	14:55	GRAB	R	R	R	R	R	R	R	R	R	5
2	X10	20MAY14	15:07	GRAB	R									
3	X3A	20MAY14	15:25	GRAB	R									
4	X2	20MAY14	15:45	GRAB	R									
5	~~BB~~	~~20MAY14~~	~~14:15~~	GRAB	R									
5 6	NF2-A	20MAY14	16:05	GRAB	R									
6 7	NF2-B	20MAY14	16:20	GRAB	R									
7 8	NF2	20MAY14	16:30	GRAB	R									

Short Holding Time

Rush Processing

Drinking Water (DW) Samples[1] (client use)	Special Instructions / Specify Criteria to add on report (client Use)
Are samples taken from a Regulated DW System? ☐ Yes ☐ No Are samples for human drinking water use? ☐ Yes ☐ No	Use CH2M_EQUIS for EDD. No dissolved metals for field blank.

SAMPLE CONDITION AS RECEIVED (lab use only)

Frozen	☐	SIF Observations	Yes ☐	No ☐
Ice packs	Yes ☑	No ☐	Custody seal intact	Yes ☐ No ☐
Cooling Initiated	☑			

INITIAL COOLER TEMPERATURES °C			FINAL COOLER TEMPERATURES °C		
1.8	2.0				

SHIPMENT RELEASE (client use)			INITIAL SHIPMENT RECEPTION (lab use only)			FINAL SHIPMENT RECEPTION (lab use only)		
Released by:	Date:	Time:	Received by:	Date:	Time:	Received by:	Date:	Time:
				21-MAY14	11:20	JK	MAY22	14:40

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

WHITE - LABORATORY COPY YELLOW - CLIENT COPY

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.

4.7, 5.4, 5.4, 3.7

Chain of Custody (COC) / Analytical Request Form

ALS Environmental

Canada Toll Free: 1 800 668 9878

www.alsglobal.com

L1458001-COFC

COC Number: 14 -

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

Invoice To	Same as Report To ☐ Yes ☑ No	Invoice Distribution		Analysis Request
	Copy of Invoice with Report ☑ Yes ☐ No	Select Invoice Distribution:	☐ EMAIL ☐ MAIL ☐ FAX	Indicate Filtered (F), Preserved (P) or Filtered and Preserved (F/P) below
Company:	EDI	Email 1 or Fax	sjenner@edynamics.com	
Contact:	S Jenner	Email 2		

Project Information		Oil and Gas Required Fields (client use)	
ALS Quote #:	Q38556	Approver ID:	Cost Center:
Job #:	14-Y-270	GL Account:	Routing Code:
PO / AFE:		Activity Code:	
LSD:		Location:	
ALS Lab Work Order # (lab use only)		ALS Contact:	Sampler: BSon / CB

ALS Sample # (lab use only)	Sample Identification and/or Coordinates (This description will appear on the report)	Date (dd-mmm-yy)	Time (hh:mm)	Sample Type	ALK-COL-VA,P-T-COL-VA,IONBALANCE-V	ANIONS-ALL-IC-WR, TDS-CALC-VA	EC-MAN-WR,PH-MAN-WR	TSS-LOW-WR	CARBONS-TOC-VA,NH3-F-VA	CARBONS-DOC-VA	MET-T-CCMS-VA,ZR-T-MS-VA	MET-D-CCMS-VA,ZR-D-MS-VA	HARDNESS-CALC-VA	Number of Containers
8	NF1	20MAY14	17:10	GRAB	R	R	R	R	R	R	R	R	R	5
9	R10	20MAY14	17:20	GRAB	R									
10	R10-F	20MAY14	17:25	GRAB	R									
11	Field Blank	20MAY14	18:50	—	R									
12	Trip Blank	20MAY14	—	—	R									
13	R3	20MAY14	14:15	GRAB	R									

Short Holding Time

Rush Processing

Drinking Water (DW) Samples[1] (client use)	Special Instructions / Specify Criteria to add on report (client Use)	SAMPLE CONDITION AS RECEIVED (lab use only)
Are samples taken from a Regulated DW System? ☐ Yes ☐ No	Use CH2M_EQUIS for EDD.	Frozen ☐ SIF Observations Yes ☐ No ☐
Are samples for human drinking water use? ☐ Yes ☐ No	No dissolved metals for field blank.	Ice packs Yes ☐ No ☐ Custody seal intact Yes ☐ No ☐
		Cooling Initiated ☐
		INITIAL COOLER TEMPERATURES °C: 4.7, 7.4, 5.4, 3.2 — FINAL COOLER TEMPERATURES °C:

SHIPMENT RELEASE (client use)			INITIAL SHIPMENT RECEPTION (lab use only)			FINAL SHIPMENT RECEPTION (lab use only)		
Released by:	Date:	Time:	Received by: JK	Date: May 22	Time: 14:40	Received by:	Date:	Time:

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

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