

March 19, 2014

EDI Job Number: 13-Y-0452

Assessment and Abandoned Mines
Yukon Government
Box 2703, K-419
Whitehorse, YT Y1A 2C6

Attention: Adrienne Turcotte, Project Officer

Re: Faro Rose Creek Surface and Groundwater Sampling Field Program – Trip 16

In response to an urgent request by Assessment and Abandoned Mines (AAM), EDI Environmental Dynamics Inc. (EDI) has been conducting on-going water quality sampling and fish telemetry surveys at the Faro Mine Site since November 2013. Table 1, attached, summarizes the field trips completed. The intent of this memo is to summarize field data obtained during the March 11, 2014 field program, referred to as Trip 16.

The objective of Trip 16 was to conduct surface water sampling at 12 monitoring sites, including QA/QC samples. Figure 1 provides the locations of all sampling sites. Table 2 summarizes field data collected at each sampling site.

Weather conditions on March 11, 2014 were mild, with temperatures near +1°C, clear skies and sunshine. All sites were sampled. Similar to the previous trip, samples were collected from NF2-A; however, there did not appear to be any flow at this site. Similar to the previous trip, the following sample locations were modified:

- NF1 samples were collected closer to the rock drain; and,
- NF2-B samples were collected approximately 7 m from the original site, towards NF2-A.

Representative photos of each site are attached. ALS laboratory analytical reports for all water chemistry samples submitted during this field trip are attached.



If you have any questions or concerns, please do not hesitate to contact Pat Tobler or myself at (867) 393-4882 or through email at mkearns@edynamics.com.

Yours truly,

EDI Environmental Dynamics Inc.

Submitted via email

Meighan Kearns, B.Sc., R.P.Bio.
Aquatic Biologist

Attachments:

- Table 1. Summary of Trips 1 to 16, Faro Mine Site.
- Table 2. Surface water sampling field data, Trip 16, March 11, 2014.
- Figure 1. Location of surface water sampling, Faro Mine Site, March 11, 2014.
- Photos 1 – 12. Representative site photos.
- ALS Laboratory Analytical Reports



Table 1. Summary of Trips 1 to 16, Faro Mine Site.

Trip No.	Dates	General Tasks
1	Nov 12 – 14, 2013	<ul style="list-style-type: none"> • Fish telemetry • Piezometer water depth measurements • Ground water sampling • Surface water sampling
2	Nov 25 – 28, 2013	<ul style="list-style-type: none"> • Fish telemetry • Surface water sampling • Aquatic toxicity (bioassay) sampling
3	Dec 10, 2013	<ul style="list-style-type: none"> • Fish telemetry
4	Dec 19 – 20, 2013	<ul style="list-style-type: none"> • Surface water sampling
5	Dec 27, 2013	<ul style="list-style-type: none"> • Surface water sampling
6	Jan 2, 2014	<ul style="list-style-type: none"> • Surface water sampling
7	Jan 7 – 8, 2014	<ul style="list-style-type: none"> • Fish telemetry • Surface water sampling
8	Jan 14 – 15, 2014	<ul style="list-style-type: none"> • Surface water sampling • Fish telemetry
9	Jan 21, 2014	<ul style="list-style-type: none"> • Surface water sampling
10	Jan 28 – 29, 2014	<ul style="list-style-type: none"> • Surface water sampling • Fish telemetry
11	Feb 5, 2014	<ul style="list-style-type: none"> • Surface water sampling
12	Feb 11 & 13, 2014	<ul style="list-style-type: none"> • Surface water sampling
13	Feb 18, 2014	<ul style="list-style-type: none"> • Surface water sampling
14	Feb 25, 2014	<ul style="list-style-type: none"> • Surface water sampling • Aquatic toxicity (bioassay) sampling
15	Mar 5, 2014	<ul style="list-style-type: none"> • Surface water sampling
16	Mar 11, 2014	<ul style="list-style-type: none"> • Surface water sampling

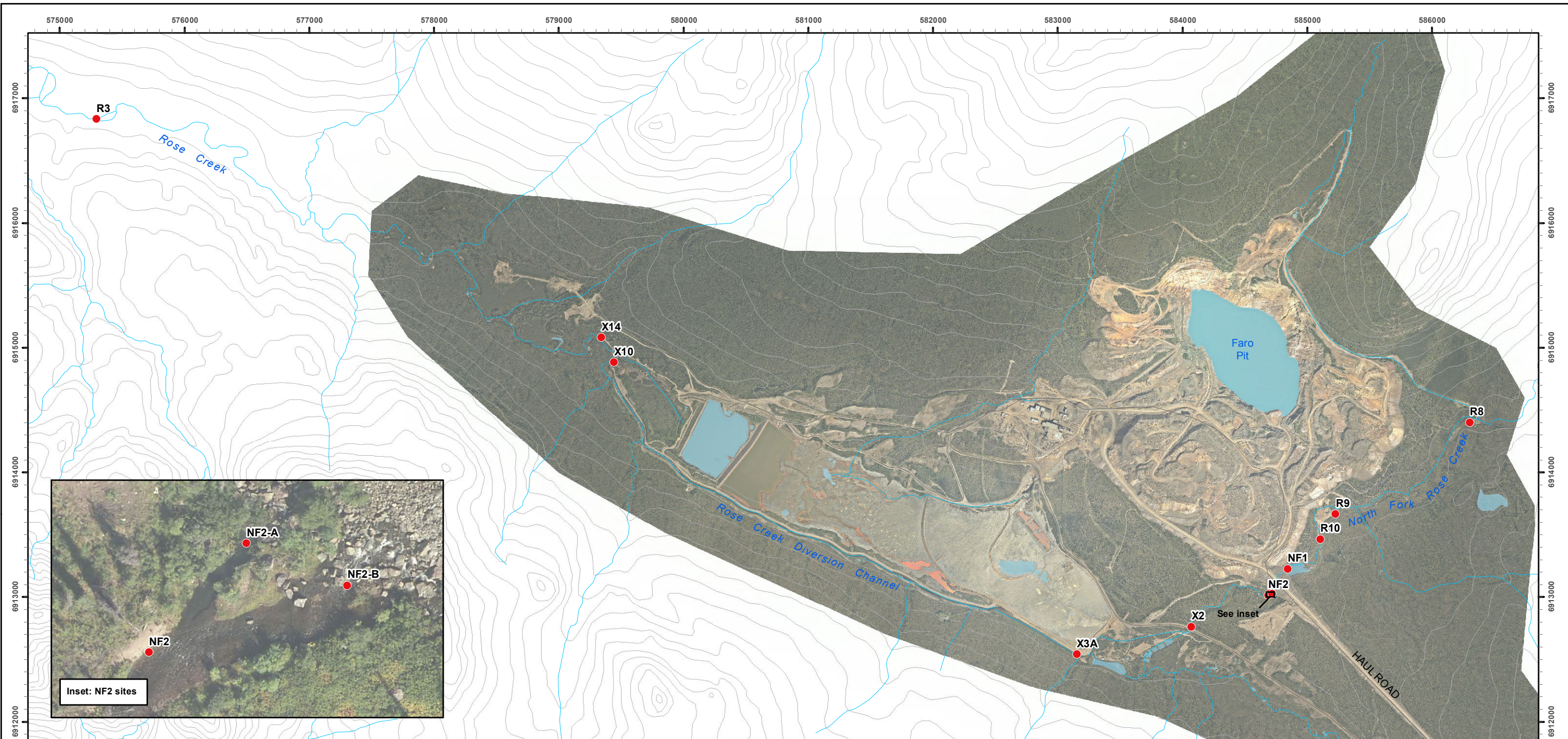


Table 2. Surface water sampling field data, March 11, 2014.

Site Name	UTM Location		Sample			In-situ Parameters			
	Easting	Northing	Date	Time	QA/ QC Rep. ID	Temp (°C)	SPC (µS/cm)	pH	Turbidity (NTU)
R3	575288	6916836	11-Mar-14	13:30	-	0.00	753.9	7.20	1.04
X14	579340	6915077	11-Mar-14	14:00	X14-r	0.40	662.7	7.25	1.87
X10	579452	6914881	11-Mar-14	14:20	-	0.00	375.8	7.36	0.70
X3A	583147	6912534	11-Mar-14	14:40	-	0.50	596.8	7.36	0.27
X2	584070	6912765	11-Mar-14	14:55	-	0.00	365.7	7.22	1.00
NF2-A	584709	6913033	11-Mar-14	15:10	-	0.10	1277	7.83	2.89
NF2-B ^(a)	584726	6913028	11-Mar-14	15:25	-	0.00	326.9	7.43	1.18
NF2	584690	6913012	11-Mar-14	15:40	-	0.00	311.6	7.22	2.85
NF1 ^(b)	584842	6913224	11-Mar-14	16:25	-	0.00	318.2	7.46	1.50
R10	585109	6913475	11-Mar-14	17:00	-	0.00	312.8	7.41	1.26
R9	585224	6913601	11-Mar-14	17:15	-	0.00	310.8	7.60	0.62
R8	586299	6914403	11-Mar-14	17:30	-	0.00	279.1	7.61	0.83

Where, UTM = Universal Transverse Mercator, NAD 83, Zone 8;
 QA/QC Rep = Quality Assurance/ Quality Control Replicate;
 Temp = water temperature; and,
 SPC = specific conductance.

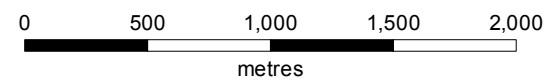
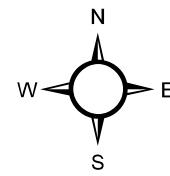
Notes: ^(a) Samples were collected approximately 7 m from the original site, towards NF2-A; and,
^(b) Samples were collected in close proximity to original site, closer to the rock drain.



Location of surface water sampling, Faro Mine Site, March 11, 2014

Legend

- Surface Water Sample Collected
- Road (Mine Access/Haul)
- Topographic Contour (30 m Interval)



Map Scale = 1:30,000 (printed on 11 x 17)
 Map Projection: North American Datum 1983 UTM Zone 8N

Data sources

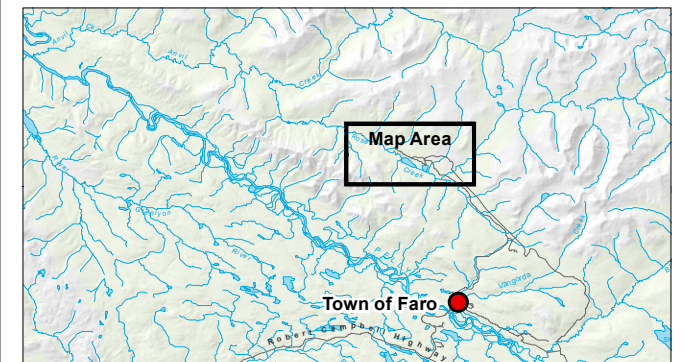
1:50,000 topographic spatial data provided by Geomatics - Yukon Government via online source (Corporate Spatial Warehouse) www.geomaticsyukon.ca.

National Road Network courtesy of Her Majesty the Queen in Right of Canada, Department of Natural Resources. All Rights Reserved.

Detailed topographic features of the Faro, Grum and Vangorda mine sites were provided by Yukon Government - Energy, Mines and Resources - Assessment and Abandoned Mines Branch (March 2012).

Project data displayed is site specific. Data collected by EDI Environmental Dynamics Inc. was obtained using Garmin GPS technology.

This document is not an official land survey and the spatial data presented is subject to change.



Map Prepared by
 EDI Environmental Dynamics Inc.

Drawn: LG	Checked: MK	FIGURE 1	Date: 18/03/2014
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Site Photos



Photo 1. Overview at surface water sampling site R3, March 11, 2014.



Photo 2. Overview at surface water sampling site X14, March 11, 2014.



Photo 3. Overview at surface water sampling site X10, March 11, 2014.



Photo 4. Downstream view at surface water sampling site X3A, March 11, 2014.



Photo 5. Overview at surface water sampling site X2, March 11, 2014.



Photo 6. Overview at surface water sampling site NF2-A, March 11, 2014.



Photo 7. Downstream view from surface water sampling site NF2-B, March 11, 2014.



Photo 8. Overview at surface water sampling site NF2, March 11, 2014.



Photo 9. Overview from surface water sampling site NF1, overflow in photo is a result of the auger hole, March 11, 2014.



Photo 10. Overview from surface water sampling site R10, March 11, 2014.



Photo 11. Downstream view at surface water sampling site R9, March 11, 2014.



Photo 12. Overview at surface water sampling site R8, March 11, 2014.



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

Date Received: 12-MAR-14
Report Date: 17-MAR-14 16:46 (MT)
Version: FINAL

Client Phone: 867-393-4882

Certificate of Analysis

Lab Work Order #: L1431528
Project P.O. #: NOT SUBMITTED
Job Reference: 13-Y-0452/14-Y-0270
C of C Numbers: 1, 2
Legal Site Desc:

Can Dang
Senior Account Manager

[This report shall not be reproduced except in full without the written authority of the Laboratory.]

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ALS CANADA LTD Part of the ALS Group A Campbell Brothers Limited Company

ALS ENVIRONMENTAL ANALYTICAL REPORT

	Sample ID Description Sampled Date Sampled Time Client ID	L1431528-1 Grab 11-MAR-14 13:30 R3	L1431528-2 Grab 11-MAR-14 14:00 X14	L1431528-3 Grab 11-MAR-14 14:20 X10	L1431528-4 Grab 11-MAR-14 14:40 X3A	L1431528-5 Grab 11-MAR-14 14:55 X2
Grouping	Analyte					
WATER						
Physical Tests	Conductivity (uS/cm)	700	901	358	529	355
	Hardness (as CaCO3) (mg/L)	349	503	166	289	166
	pH (pH)	7.57	7.51	7.69	7.58	7.39
	Total Suspended Solids (mg/L)	<1.0	3.0	<1.0	<1.0	<1.0
	Total Dissolved Solids (mg/L)	469	686	206	328	213
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	180	212	159	235	163
	Ammonia, Total (as N) (mg/L)	0.0464	0.123	<0.0050	0.0140	0.0090
	Chloride (Cl) (mg/L)	<0.50	<2.5 ^{DLA}	<0.50	0.58	<0.50
	Fluoride (F) (mg/L)	0.129	0.20	0.184	0.288	0.205
	Nitrate (as N) (mg/L)	0.259	0.240	0.313	0.519	0.328
	Nitrite (as N) (mg/L)	0.0012	<0.0050 ^{DLA}	<0.0010	0.0016	0.0011
	Phosphorus (P)-Total (mg/L)	<0.0020	<0.0020	<0.0020	0.0022	<0.0020
	Sulfate (SO4) (mg/L)	223	356	44.2	70.1	47.1
	Anion Sum (meq/L)	8.26	11.7	4.12	6.21	4.26
	Cation Sum (meq/L)	7.38	10.8	3.52	6.11	3.56
	Cation - Anion Balance (%)	-5.6	-4.0	-7.9	-0.8	-9.0
Organic / Inorganic Carbon	Dissolved Organic Carbon (mg/L)	1.25	1.63	1.65	2.87	1.55
	Total Organic Carbon (mg/L)	1.46	1.70	1.49	2.88	1.56
Total Metals	Aluminum (Al)-Total (mg/L)	0.0058	0.0165	0.0055	0.0075	0.0180
	Antimony (Sb)-Total (mg/L)	<0.00010	<0.00010	<0.00010	0.00011	<0.00010
	Arsenic (As)-Total (mg/L)	0.00022	0.00044	0.00025	0.00042	0.00044
	Barium (Ba)-Total (mg/L)	0.0869	0.0720	0.0791	0.120	0.0743
	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)	0.000113	0.000281	0.000305	0.000536	0.000637
	Calcium (Ca)-Total (mg/L)	110	148	49.9	78.9	48.3
	Chromium (Cr)-Total (mg/L)	0.00012	0.00013	<0.00010	0.00013	<0.00010
	Cobalt (Co)-Total (mg/L)	0.00158	0.00484	0.00091	0.00367	0.00449
	Copper (Cu)-Total (mg/L)	<0.00050	<0.00050	<0.00050	0.00080	<0.00050
	Iron (Fe)-Total (mg/L)	0.107	0.900	0.106	0.111	0.304
	Lead (Pb)-Total (mg/L)	0.000141	0.000172	0.000579	0.000168	0.000460
	Lithium (Li)-Total (mg/L)	0.00622	0.00976	0.00733	0.0112	0.00887
	Magnesium (Mg)-Total (mg/L)	22.9	32.6	12.7	19.5	12.6
	Manganese (Mn)-Total (mg/L)	2.19	6.48	0.0976	0.428	0.316
	Molybdenum (Mo)-Total (mg/L)	0.000489	0.000835	0.000673	0.00155	0.000887

* 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	L1431528-6 Grab 11-MAR-14 15:10 NF2-A	L1431528-7 Grab 11-MAR-14 15:25 NF2-B	L1431528-8 Grab 11-MAR-14 15:40 NF2	L1431528-9 Grab 11-MAR-14 16:25 NF1	L1431528-10 Grab 11-MAR-14 17:00 R10
Grouping	Analyte					
WATER						
Physical Tests	Conductivity (uS/cm)	1050	314	332	302	301
	Hardness (as CaCO3) (mg/L)	670	151	159	148	146
	pH (pH)	8.00	7.69	7.39	7.53	7.77
	Total Suspended Solids (mg/L)	2.0	<1.0	<1.0	<1.0	<1.0
	Total Dissolved Solids (mg/L)	755	175	190	169	166
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	541	139	141	139	137
	Ammonia, Total (as N) (mg/L)	0.0308	<0.0050	0.0092	0.0077	0.0053
	Chloride (Cl) (mg/L)	<5.0 ^{DLA}	<0.50	<0.50	<0.50	<0.50
	Fluoride (F) (mg/L)	0.69	0.187	0.210	0.184	0.182
	Nitrate (as N) (mg/L)	1.86	0.328	0.391	0.350	0.305
	Nitrite (as N) (mg/L)	<0.010 ^{DLA}	<0.0010	0.0011	<0.0010	<0.0010
	Phosphorus (P)-Total (mg/L)	0.0103	0.0040	0.0041	0.0042	0.0047
	Sulfate (SO4) (mg/L)	154	29.0	39.7	25.0	24.1
	Anion Sum (meq/L)	14.2	3.42	3.68	3.33	3.28
	Cation Sum (meq/L)	14.3	3.21	3.40	3.13	3.09
	Cation - Anion Balance (%)	0.5	-3.1	-3.9	-3.1	-3.0
Organic / Inorganic Carbon	Dissolved Organic Carbon (mg/L)	5.82	1.34	1.43	1.31	1.20
	Total Organic Carbon (mg/L)	5.91	1.42	1.53	1.36	1.35
Total Metals	Aluminum (Al)-Total (mg/L)	0.0342	0.0124	0.0185	0.0063	0.0093
	Antimony (Sb)-Total (mg/L)	0.00027	<0.00010	<0.00010	<0.00010	<0.00010
	Arsenic (As)-Total (mg/L)	0.00131	0.00045	0.00048	0.00048	0.00051
	Barium (Ba)-Total (mg/L)	0.237	0.0765	0.0779	0.0750	0.0774
	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)	0.000981	0.000175	0.000682	0.000016	0.000012
	Calcium (Ca)-Total (mg/L)	167	44.8	47.1	43.3	43.8
	Chromium (Cr)-Total (mg/L)	0.00056	<0.00010	0.00014	<0.00010	0.00011
	Cobalt (Co)-Total (mg/L)	0.00770	0.00124	0.00489	0.00019	<0.00010
	Copper (Cu)-Total (mg/L)	0.00205	<0.00050	<0.00050	<0.00050	<0.00050
	Iron (Fe)-Total (mg/L)	0.208	0.155	0.279	0.121	0.121
	Lead (Pb)-Total (mg/L)	0.00113	0.000388	0.000471	0.000114	0.000069
	Lithium (Li)-Total (mg/L)	0.0328	0.00828	0.00892	0.00806	0.00802
	Magnesium (Mg)-Total (mg/L)	42.7	10.2	12.0	9.34	9.29
	Manganese (Mn)-Total (mg/L)	0.433	0.0819	0.291	0.0376	0.0239
	Molybdenum (Mo)-Total (mg/L)	0.00365	0.000857	0.000922	0.000882	0.000882

* 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	L1431528-11 Grab 11-MAR-14 17:15 R9	L1431528-12 Grab 11-MAR-14 17:30 R8	L1431528-13 Grab 11-MAR-14 18:35 FIELD BLANK	L1431528-14 Grab 12-MAR-14 12:45 TRAVEL BLANK	L1431528-15 Grab 11-MAR-14 14:00 X-14-R
Grouping	Analyte					
WATER						
Physical Tests	Conductivity (uS/cm)	296	272	<2.0	<2.0	924
	Hardness (as CaCO3) (mg/L)	146	130	<0.50	<0.50	505
	pH (pH)	7.87	7.79	5.94	5.67	7.50
	Total Suspended Solids (mg/L)	<1.0	<1.0	<1.0	<1.0	1.4
	Total Dissolved Solids (mg/L)	167	146	<1.0	<1.0	703
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	139	137	<2.0	<2.0	211
	Ammonia, Total (as N) (mg/L)	0.0050	0.0057	<0.0050	<0.010 ^{RRV}	0.138 ^{DLA}
	Chloride (Cl) (mg/L)	<0.50	<0.50	<0.50	<0.50	<2.5 ^{DLA}
	Fluoride (F) (mg/L)	0.182	0.179	<0.020	<0.020	0.21
	Nitrate (as N) (mg/L)	0.308	0.188	<0.0050	<0.0050	0.248 ^{DLA}
	Nitrite (as N) (mg/L)	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050 ^{DLA}
	Phosphorus (P)-Total (mg/L)	0.0047	0.0053	<0.0020	<0.0020	<0.0020
	Sulfate (SO4) (mg/L)	23.7	10.4	<0.50	<0.50	373
	Anion Sum (meq/L)	3.30	2.97	<0.10	<0.10	12.0
	Cation Sum (meq/L)	3.08	2.76	<0.10	<0.10	10.8
	Cation - Anion Balance (%)	-3.3	-3.7	0.0	0.0	-5.1
Organic / Inorganic Carbon	Dissolved Organic Carbon (mg/L)	1.28	1.24	<0.50		1.35
	Total Organic Carbon (mg/L)	1.42	1.38	<0.50	<0.50	1.46
Total Metals	Aluminum (Al)-Total (mg/L)	0.0107	0.0064	<0.0030	<0.0030	0.0204
	Antimony (Sb)-Total (mg/L)	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
	Arsenic (As)-Total (mg/L)	0.00052	0.00057	<0.00010	<0.00010	0.00045
	Barium (Ba)-Total (mg/L)	0.0742	0.0758	<0.000050	<0.000050	0.0711
	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)	<0.000010	<0.000010	<0.000010	<0.000010	0.000272
	Calcium (Ca)-Total (mg/L)	44.2	39.5	<0.020	<0.020	153
	Chromium (Cr)-Total (mg/L)	0.00011	<0.00010	<0.00010	<0.00010	0.00011
	Cobalt (Co)-Total (mg/L)	<0.00010	<0.00010	<0.00010	<0.00010	0.00478
	Copper (Cu)-Total (mg/L)	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
	Iron (Fe)-Total (mg/L)	0.117	0.132	<0.010	<0.010	0.914
	Lead (Pb)-Total (mg/L)	0.000151	<0.000050	<0.000050	<0.000050	0.000227
	Lithium (Li)-Total (mg/L)	0.00801	0.00750	<0.00050	<0.00050	0.00965
	Magnesium (Mg)-Total (mg/L)	9.05	7.35	<0.0050	<0.0050	32.8
	Manganese (Mn)-Total (mg/L)	0.0210	0.0199	<0.000050	<0.000050	6.63
	Molybdenum (Mo)-Total (mg/L)	0.000918	0.000905	<0.000050	<0.000050	0.000784

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

ALS ENVIRONMENTAL ANALYTICAL REPORT

		Sample ID	L1431528-1	L1431528-2	L1431528-3	L1431528-4	L1431528-5
		Description	Grab	Grab	Grab	Grab	Grab
		Sampled Date	11-MAR-14	11-MAR-14	11-MAR-14	11-MAR-14	11-MAR-14
		Sampled Time	13:30	14:00	14:20	14:40	14:55
		Client ID	R3	X14	X10	X3A	X2
Grouping	Analyte						
WATER							
Total Metals	Nickel (Ni)-Total (mg/L)		0.00472	0.0123	0.00476	0.00735	0.00714
	Phosphorus (P)-Total (mg/L)		<0.30	<0.30	<0.30	<0.30	<0.30
	Potassium (K)-Total (mg/L)		1.86	2.43	1.26	2.44	1.22
	Selenium (Se)-Total (mg/L)		0.00041	0.00042	0.00043	0.00065	0.00042
	Silicon (Si)-Total (mg/L)		5.90	6.62	5.90	8.78	6.06
	Silver (Ag)-Total (mg/L)		<0.000010	<0.000010	<0.000010	<0.000010	<0.000010
	Sodium (Na)-Total (mg/L)		6.30	9.40	3.28	5.47	3.67
	Strontium (Sr)-Total (mg/L)		0.344	0.440	0.223	0.368	0.211
	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)		0.00281	0.00374	0.00288	0.00463	0.00280
	Vanadium (V)-Total (mg/L)		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	Zinc (Zn)-Total (mg/L)		0.151	0.391	0.635	0.940	1.08
	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)		<0.0010	0.0011	0.0017	0.0013	0.0029
	Antimony (Sb)-Dissolved (mg/L)		<0.00010	<0.00010	<0.00010	0.00010	<0.00010
	Arsenic (As)-Dissolved (mg/L)		0.00013	0.00031	0.00014	0.00032	0.00018
	Barium (Ba)-Dissolved (mg/L)		0.0878	0.0683	0.0803	0.127	0.0750
	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)		0.000117	0.000268	0.000288	0.000545	0.000639
	Calcium (Ca)-Dissolved (mg/L)		102	149	46.3	81.5	46.4
	Chromium (Cr)-Dissolved (mg/L)		<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
	Cobalt (Co)-Dissolved (mg/L)		0.00155	0.00464	0.00085	0.00378	0.00439
	Copper (Cu)-Dissolved (mg/L)		0.00034	0.00027	0.00031	0.00058	0.00025
	Iron (Fe)-Dissolved (mg/L)		<0.010	0.732	0.012	<0.010	0.079
	Lead (Pb)-Dissolved (mg/L)		<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
	Lithium (Li)-Dissolved (mg/L)		0.00610	0.00958	0.00703	0.0119	0.00913
	Magnesium (Mg)-Dissolved (mg/L)		23.0	31.5	12.4	20.6	12.2
	Manganese (Mn)-Dissolved (mg/L)		2.20	6.31	0.0942	0.448	0.301
	Molybdenum (Mo)-Dissolved (mg/L)		0.000444	0.000731	0.000599	0.00123	0.000783
	Nickel (Ni)-Dissolved (mg/L)		0.00470	0.0119	0.00461	0.00740	0.00691
	Phosphorus (P)-Dissolved (mg/L)		<0.30	<0.30	<0.30	<0.30	<0.30
	Potassium (K)-Dissolved (mg/L)		1.88	2.36	1.25	2.48	1.18

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

ALS ENVIRONMENTAL ANALYTICAL REPORT

		Sample ID	L1431528-6	L1431528-7	L1431528-8	L1431528-9	L1431528-10
		Description	Grab	Grab	Grab	Grab	Grab
		Sampled Date	11-MAR-14	11-MAR-14	11-MAR-14	11-MAR-14	11-MAR-14
		Sampled Time	15:10	15:25	15:40	16:25	17:00
		Client ID	NF2-A	NF2-B	NF2	NF1	R10
Grouping	Analyte						
WATER							
Total Metals	Nickel (Ni)-Total (mg/L)		0.0134	0.00211	0.00730	<0.00050	<0.00050
	Phosphorus (P)-Total (mg/L)		<0.30	<0.30	<0.30	<0.30	<0.30
	Potassium (K)-Total (mg/L)		5.04	1.14	1.20	1.11	1.10
	Selenium (Se)-Total (mg/L)		0.00182	0.00043	0.00044	0.00046	0.00045
	Silicon (Si)-Total (mg/L)		21.9	6.15	6.14	5.94	5.98
	Silver (Ag)-Total (mg/L)		0.000024	<0.000010	0.000013	<0.000010	<0.000010
	Sodium (Na)-Total (mg/L)		16.2	3.49	3.61	3.40	3.30
	Strontium (Sr)-Total (mg/L)		0.768	0.199	0.207	0.196	0.193
	Thallium (Tl)-Total (mg/L)		0.000022	<0.000010	<0.000010	<0.000010	<0.000010
	Tin (Sn)-Total (mg/L)		0.00014	<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)		0.0108	0.00286	0.00292	0.00280	0.00278
	Vanadium (V)-Total (mg/L)		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	Zinc (Zn)-Total (mg/L)		1.49	0.284	1.14	0.0115	0.0051
	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)		0.0016	0.0022	0.0042	0.0017	0.0015
	Antimony (Sb)-Dissolved (mg/L)		0.00026	<0.00010	<0.00010	<0.00010	<0.00010
	Arsenic (As)-Dissolved (mg/L)		0.00110	0.00025	0.00032	0.00035	0.00038
	Barium (Ba)-Dissolved (mg/L)		0.254	0.0752	0.0787	0.0753	0.0759
	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)		0.00109	0.000175	0.000697	0.000015	0.000012
	Calcium (Ca)-Dissolved (mg/L)		188	44.5	44.5	43.7	43.2
	Chromium (Cr)-Dissolved (mg/L)		0.00013	<0.00010	<0.00010	<0.00010	<0.00010
	Cobalt (Co)-Dissolved (mg/L)		0.00845	0.00121	0.00465	0.00018	<0.00010
	Copper (Cu)-Dissolved (mg/L)		0.00144	0.00024	0.00026	0.00024	0.00022
	Iron (Fe)-Dissolved (mg/L)		<0.010	0.040	0.126	0.028	0.022
	Lead (Pb)-Dissolved (mg/L)		0.000119	<0.000050	0.000057	<0.000050	<0.000050
	Lithium (Li)-Dissolved (mg/L)		0.0341	0.00845	0.00891	0.00841	0.00834
	Magnesium (Mg)-Dissolved (mg/L)		48.7	9.71	11.5	9.44	9.22
	Manganese (Mn)-Dissolved (mg/L)		0.492	0.0785	0.278	0.0368	0.0216
	Molybdenum (Mo)-Dissolved (mg/L)		0.00350	0.000814	0.000806	0.000863	0.000851
	Nickel (Ni)-Dissolved (mg/L)		0.0148	0.00204	0.00699	<0.00050	<0.00050
	Phosphorus (P)-Dissolved (mg/L)		<0.30	<0.30	<0.30	<0.30	<0.30
	Potassium (K)-Dissolved (mg/L)		5.44	1.11	1.14	1.11	1.08

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

ALS ENVIRONMENTAL ANALYTICAL REPORT

		Sample ID	L1431528-11	L1431528-12	L1431528-13	L1431528-14	L1431528-15
		Description	Grab	Grab	Grab	Grab	Grab
		Sampled Date	11-MAR-14	11-MAR-14	11-MAR-14	12-MAR-14	11-MAR-14
		Sampled Time	17:15	17:30	18:35	12:45	14:00
		Client ID	R9	R8	FIELD BLANK	TRAVEL BLANK	X-14-R
Grouping	Analyte						
WATER							
Total Metals	Nickel (Ni)-Total (mg/L)		<0.00050	<0.00050	<0.00050	<0.00050	0.0121
	Phosphorus (P)-Total (mg/L)		<0.30	<0.30	<0.30	<0.30	<0.30
	Potassium (K)-Total (mg/L)		1.08	1.00	<0.050	<0.050	2.41
	Selenium (Se)-Total (mg/L)		0.00048	0.00042	<0.00010	<0.00010	0.00043
	Silicon (Si)-Total (mg/L)		5.89	5.94	<0.050	<0.050	6.41
	Silver (Ag)-Total (mg/L)		<0.000010	<0.000010	<0.000010	<0.000010	<0.000010
	Sodium (Na)-Total (mg/L)		3.26	3.18	<0.050	<0.050	9.51
	Strontium (Sr)-Total (mg/L)		0.193	0.180	<0.00020	<0.00020	0.445
	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)		0.00279	0.00255	<0.000010	<0.000010	0.00377
	Vanadium (V)-Total (mg/L)		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	Zinc (Zn)-Total (mg/L)		<0.0030	<0.0030	<0.0030	<0.0030	0.388
	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)		0.0012	<0.0010	<0.0010		0.0010
	Antimony (Sb)-Dissolved (mg/L)		<0.00010	<0.00010	<0.00010		<0.00010
	Arsenic (As)-Dissolved (mg/L)		0.00036	0.00040	<0.00010		0.00029
	Barium (Ba)-Dissolved (mg/L)		0.0756	0.0749	<0.000050		0.0696
	Beryllium (Be)-Dissolved (mg/L)		<0.00010	<0.00010	<0.00010		<0.00010
	Bismuth (Bi)-Dissolved (mg/L)		<0.00050	<0.00050	<0.00050		<0.00050
	Boron (B)-Dissolved (mg/L)		<0.010	<0.010	<0.010		<0.010
	Cadmium (Cd)-Dissolved (mg/L)		<0.000010	<0.000010	<0.000010		0.000268
	Calcium (Ca)-Dissolved (mg/L)		43.4	39.7	<0.020		149
	Chromium (Cr)-Dissolved (mg/L)		<0.00010	<0.00010	<0.00010		<0.00010
	Cobalt (Co)-Dissolved (mg/L)		<0.00010	<0.00010	<0.00010		0.00465
	Copper (Cu)-Dissolved (mg/L)		0.00021	<0.00020	<0.00020		0.00028
	Iron (Fe)-Dissolved (mg/L)		0.020	0.031	<0.010		0.732
	Lead (Pb)-Dissolved (mg/L)		<0.000050	<0.000050	<0.000050		<0.000050
	Lithium (Li)-Dissolved (mg/L)		0.00811	0.00788	<0.00050		0.00958
	Magnesium (Mg)-Dissolved (mg/L)		9.05	7.53	<0.0050		32.0
	Manganese (Mn)-Dissolved (mg/L)		0.0188	0.0187	<0.000050		6.44
	Molybdenum (Mo)-Dissolved (mg/L)		0.000839	0.000831	<0.000050		0.000728
	Nickel (Ni)-Dissolved (mg/L)		<0.00050	<0.00050	<0.00050		0.0119
	Phosphorus (P)-Dissolved (mg/L)		<0.30	<0.30	<0.30		<0.30
	Potassium (K)-Dissolved (mg/L)		1.08	1.02	<0.050		2.39

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

ALS ENVIRONMENTAL ANALYTICAL REPORT

		Sample ID	L1431528-1	L1431528-2	L1431528-3	L1431528-4	L1431528-5
		Description	Grab	Grab	Grab	Grab	Grab
		Sampled Date	11-MAR-14	11-MAR-14	11-MAR-14	11-MAR-14	11-MAR-14
		Sampled Time	13:30	14:00	14:20	14:40	14:55
		Client ID	R3	X14	X10	X3A	X2
Grouping	Analyte						
WATER							
Dissolved Metals	Selenium (Se)-Dissolved (mg/L)	0.00049	0.00050	0.00049	0.00085	0.00049	
	Silicon (Si)-Dissolved (mg/L)	5.88	6.36	5.76	8.53	6.11	
	Silver (Ag)-Dissolved (mg/L)	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	
	Sodium (Na)-Dissolved (mg/L)	6.37	9.01	3.25	5.43	3.56	
	Strontium (Sr)-Dissolved (mg/L)	0.318	0.438	0.202	0.363	0.207	
	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)	0.00269	0.00375	0.00260	0.00464	0.00271	
	Vanadium (V)-Dissolved (mg/L)	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	
	Zinc (Zn)-Dissolved (mg/L)	0.157	0.392	0.654	1.01	1.11	
	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	L1431528-6	L1431528-7	L1431528-8	L1431528-9	L1431528-10
Description	Grab	Grab	Grab	Grab	Grab	Grab
Sampled Date	11-MAR-14	11-MAR-14	11-MAR-14	11-MAR-14	11-MAR-14	11-MAR-14
Sampled Time	15:10	15:25	15:40	16:25	17:00	17:00
Client ID	NF2-A	NF2-B	NF2	NF1	R10	R10
Grouping	Analyte					
WATER						
Dissolved Metals	Selenium (Se)-Dissolved (mg/L)	0.00212	0.00050	0.00053	0.00052	0.00052
	Silicon (Si)-Dissolved (mg/L)	24.2	6.14	6.09	6.02	5.79
	Silver (Ag)-Dissolved (mg/L)	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010
	Sodium (Na)-Dissolved (mg/L)	16.6	3.40	3.32	3.28	3.25
	Strontium (Sr)-Dissolved (mg/L)	0.843	0.195	0.197	0.194	0.189
	Thallium (Tl)-Dissolved (mg/L)	0.000023	<0.000010	<0.000010	<0.000010	<0.000010
	Tin (Sn)-Dissolved (mg/L)	0.00020	<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)	0.0119	0.00272	0.00276	0.00279	0.00275
	Vanadium (V)-Dissolved (mg/L)	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
	Zinc (Zn)-Dissolved (mg/L)	1.73	0.294	1.15	0.0118	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 Description Sampled Date Sampled Time Client ID	L1431528-11 Grab 11-MAR-14 17:15 R9	L1431528-12 Grab 11-MAR-14 17:30 R8	L1431528-13 Grab 11-MAR-14 18:35 FIELD BLANK	L1431528-14 Grab 12-MAR-14 12:45 TRAVEL BLANK	L1431528-15 Grab 11-MAR-14 14:00 X-14-R
Grouping	Analyte				
WATER					
Dissolved Metals	Selenium (Se)-Dissolved (mg/L)	0.00050	0.00048	<0.00010	0.00051
	Silicon (Si)-Dissolved (mg/L)	5.85	5.96	<0.050	6.26
	Silver (Ag)-Dissolved (mg/L)	<0.000010	<0.000010	<0.000010	<0.000010
	Sodium (Na)-Dissolved (mg/L)	3.27	3.16	<0.050	9.20
	Strontium (Sr)-Dissolved (mg/L)	0.190	0.175	<0.00020	0.446
	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)	<0.010	<0.010	<0.010	<0.010
	Uranium (U)-Dissolved (mg/L)	0.00276	0.00248	<0.000010	0.00367
	Vanadium (V)-Dissolved (mg/L)	<0.0010	<0.0010	<0.0010	<0.0010
	Zinc (Zn)-Dissolved (mg/L)	<0.0010	0.0011	<0.0010	0.395
	Zirconium (Zr)-Dissolved (mg/L)	<0.00080	<0.00080	<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)
Matrix Spike	Calcium (Ca)-Dissolved	MS-B	L1431528-1, -10, -11, -12, -13, -15, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Magnesium (Mg)-Dissolved	MS-B	L1431528-1, -10, -11, -12, -13, -15, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Strontium (Sr)-Dissolved	MS-B	L1431528-1, -10, -11, -12, -13, -15, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Calcium (Ca)-Dissolved	MS-B	L1431528-1, -10, -11, -12, -13, -15, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Magnesium (Mg)-Dissolved	MS-B	L1431528-1, -10, -11, -12, -13, -15, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Manganese (Mn)-Dissolved	MS-B	L1431528-1, -10, -11, -12, -13, -15, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Sodium (Na)-Dissolved	MS-B	L1431528-1, -10, -11, -12, -13, -15, -2, -3, -4, -5, -6, -7, -8, -9
Matrix Spike	Strontium (Sr)-Dissolved	MS-B	L1431528-1, -10, -11, -12, -13, -15, -2, -3, -4, -5, -6, -7, -8, -9

Qualifiers for Individual Parameters Listed:

Qualifier	Description
DLA	Detection Limit adjusted for required dilution
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)
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

Reference Information

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



Environmental

Canada Toll Free: 1 800 668 9878

L1431528-COFC

COC Number: 14 -

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

Invoice To		Invoice Distribution		Indicate Filtered (F), Preserved (P) or Filtered and Preserved (F/P) below															
Same as Report To	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Select Invoice Distribution:	<input checked="" type="checkbox"/> EMAIL <input type="checkbox"/> MAIL <input type="checkbox"/> FAX	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
Copy of Invoice with Report	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Email 1 or Fax:	sjenner@edynamics.com																
Company:	EDI	Email 2:																	
Contact:	S Jenner	Oil and Gas Required Fields (client use)																	
Project Information		Approver ID:	Cost Center:																
ALS Quote #:	Q38556	GL Account:	Routing Code:																
Job #:	13-Y-0452 / 14-Y-0270	Activity Code:																	
PO / AFE:		Location:																	
LSD:		ALS Contact:	Sampler:																

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	
	R3	11-MAR-14	13:30	GRAB	P	P	P	P	P	P	P	P	P								5
	X14	"	1400																		
	X10	"	1420																		
	X3A	"	1440																		
	X2	"	1455																		
	NF2-A	"	1510																		
	NF2-B	"	1525																		
	NF2	"	1540																		

Drinking Water (DW) Samples¹ (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?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Use CH2M_EQUIS for EDD.		Frozen	<input type="checkbox"/> Yes <input type="checkbox"/> No	GIF Observations	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are samples for human drinking water use?	<input type="checkbox"/> Yes <input type="checkbox"/> No			Capable	<input type="checkbox"/> Yes <input type="checkbox"/> No	Custody seal intact	<input type="checkbox"/> Yes <input type="checkbox"/> No
				Cooling Initiated	<input type="checkbox"/> Yes <input type="checkbox"/> No		
				INITIAL COOLER TEMPERATURES °C	5.4	19.4	
				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:	Date:	Time:	Received by:	Date:
Laura Grieve	12-MAR-14			12-MAR-14	12:45		

