



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

Date Received: 28-NOV-16
Report Date: 02-DEC-16 15:07 (MT)
Version: FINAL

Client Phone: 867-393-4882

Certificate of Analysis

Lab Work Order #: L1864060
Project P.O. #: NOT SUBMITTED
Job Reference: MOUNT NANSEN 16-Y-0089
C of C Numbers:
Legal Site Desc:

Comments: The total cyanide results found and reported could be bias low due to sample matrix interferences. For the total cyanide analysis, the samples were spiked with a known concentration cyanide standard prior to analysis. The percentage of known cyanide recovered was <75%. This low percentage recovery suggested possible matrix interferences in the measurement of total cyanide.

Can Dang
Senior Account Manager

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

ADDRESS: 8081 Lougheed Hwy, Suite 100, Burnaby, BC V5A 1W9 Canada | Phone: +1 604 253 4188 | Fax: +1 604 253 6700
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	L1864060-1 Water 28-NOV-16 13:00 WQ-SEEP	L1864060-2 Water 28-NOV-16 11:50 WQ-DC-U	L1864060-3 Water 28-NOV-16 12:10 WQ-DC-DSS	
Grouping	Analyte				
WATER					
Physical Tests	Conductivity (uS/cm)	1610	1690	1930	
	Hardness (as CaCO3) (mg/L)	880	962	1090	
	pH (pH)	7.27	7.49	7.38	
	Total Suspended Solids (mg/L)	44.4	17.4	11.6	
	TDS (Calculated) (mg/L)	1230	1310	1490	
Anions and Nutrients	Alkalinity, Bicarbonate (as CaCO3) (mg/L)	305	334	364	
	Alkalinity, Carbonate (as CaCO3) (mg/L)	<1.0	<1.0	<1.0	
	Alkalinity, Hydroxide (as CaCO3) (mg/L)	<1.0	<1.0	<1.0	
	Alkalinity, Total (as CaCO3) (mg/L)	305	334	364	
	Ammonia, Total (as N) (mg/L)	4.89	4.43	5.77	
	Bromide (Br) (mg/L)	<0.50 ^{DLDS}	<0.50 ^{DLDS}	<0.50 ^{DLDS}	
	Chloride (Cl) (mg/L)	<5.0 ^{DLDS}	<5.0 ^{DLDS}	<5.0 ^{DLDS}	
	Fluoride (F) (mg/L)	<0.20 ^{DLDS}	<0.20 ^{DLDS}	<0.20 ^{DLDS}	
	Nitrate (as N) (mg/L)	0.916	0.410	0.883	
	Nitrite (as N) (mg/L)	0.016	0.013	0.022	
	Sulfate (SO4) (mg/L)	652	713	806	
	Anion Sum (meq/L)	19.7	21.5	24.1	
	Cation Sum (meq/L)	20.7	21.7	24.9	
	Cation - Anion Balance (%)	2.3	0.4	1.6	
	Cyanides	Cyanide, Weak Acid Diss (mg/L)	<0.10 ^{DLM}	<0.10 ^{DLM}	<0.10 ^{DLM}
Cyanide, Total (mg/L)		0.14 ^{RRR}	0.10 ^{RRR}	0.12 ^{RRR}	
Cyanate (mg/L)		2.73	2.85	0.42	
Thiocyanate (SCN) (mg/L)		5.72	3.90	5.76	
Total Metals	Aluminum (Al)-Total (mg/L)	0.0260	0.0575	0.0108	
	Antimony (Sb)-Total (mg/L)	0.00043	0.00036	0.00047	
	Arsenic (As)-Total (mg/L)	0.0845	0.0503	0.0101	
	Barium (Ba)-Total (mg/L)	0.0667	0.0826	0.0656	
	Beryllium (Be)-Total (mg/L)	<0.000020	<0.000020	<0.000040	
	Bismuth (Bi)-Total (mg/L)	<0.000050	<0.000050	<0.00010	
	Boron (B)-Total (mg/L)	0.050	0.045	0.060	
	Cadmium (Cd)-Total (mg/L)	0.000387	0.000151	0.000387	
	Calcium (Ca)-Total (mg/L)	267	276	329	
	Chromium (Cr)-Total (mg/L)	0.00063	0.00046	0.00048	
	Cobalt (Co)-Total (mg/L)	0.00787	0.00656	0.0101	
	Copper (Cu)-Total (mg/L)	0.00321	0.00193	0.0022	
	Iron (Fe)-Total (mg/L)	17.5	5.63	4.99	
	Lead (Pb)-Total (mg/L)	0.000091	0.000095	<0.00010	

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

ALS ENVIRONMENTAL ANALYTICAL REPORT

	Sample ID Description Sampled Date Sampled Time Client ID	L1864060-1 Water 28-NOV-16 13:00 WQ-SEEP	L1864060-2 Water 28-NOV-16 11:50 WQ-DC-U	L1864060-3 Water 28-NOV-16 12:10 WQ-DC-DSS	
Grouping	Analyte				
WATER					
Total Metals	Lithium (Li)-Total (mg/L)	0.0017	0.0022	0.0022	
	Magnesium (Mg)-Total (mg/L)	56.3	69.7	72.7	
	Manganese (Mn)-Total (mg/L)	6.47	6.22	7.86	
	Mercury (Hg)-Total (mg/L)	0.000064	<0.000050	<0.000050	
	Molybdenum (Mo)-Total (mg/L)	0.00106	0.000918	0.00113	
	Nickel (Ni)-Total (mg/L)	0.00309	0.00257	0.0041	
	Phosphorus (P)-Total (mg/L)	<0.050	0.054	<0.10 ^{DLA}	
	Potassium (K)-Total (mg/L)	6.30	6.59	8.06	
	Selenium (Se)-Total (mg/L)	0.000312	0.000235	0.00033	
	Silicon (Si)-Total (mg/L)	8.51	8.74	9.71	
	Silver (Ag)-Total (mg/L)	0.000029	0.000016	<0.000020 ^{DLA}	
	Sodium (Na)-Total (mg/L)	36.7	35.9	46.9	
	Strontium (Sr)-Total (mg/L)	0.774	0.840	0.953	
	Sulfur (S)-Total (mg/L)	244	259	311	
	Thallium (Tl)-Total (mg/L)	<0.000010	<0.000010	<0.000020 ^{DLA}	
	Tin (Sn)-Total (mg/L)	<0.00010	<0.00010	<0.00020 ^{DLA}	
	Titanium (Ti)-Total (mg/L)	0.00142	0.00371	0.00092	
	Uranium (U)-Total (mg/L)	0.00186	0.00163	0.00238	
	Vanadium (V)-Total (mg/L)	0.00307	0.00155	0.0013	
	Zinc (Zn)-Total (mg/L)	0.0366	0.0144	0.0375	
	Zirconium (Zr)-Total (mg/L)	0.00080	0.00044	0.00060	
Dissolved Metals	Dissolved Mercury Filtration Location	FIELD	FIELD	FIELD	
	Dissolved Metals Filtration Location	FIELD	FIELD	FIELD	
	Aluminum (Al)-Dissolved (mg/L)	0.0123	0.0093	0.0086	
	Antimony (Sb)-Dissolved (mg/L)	0.00040	0.00032	0.00044	
	Arsenic (As)-Dissolved (mg/L)	0.0683	0.0472	0.00885	
	Barium (Ba)-Dissolved (mg/L)	0.0625	0.0840	0.0627	
	Beryllium (Be)-Dissolved (mg/L)	<0.000020	<0.000020	<0.000040 ^{DLA}	
	Bismuth (Bi)-Dissolved (mg/L)	<0.000050	<0.000050	<0.00010 ^{DLA}	
	Boron (B)-Dissolved (mg/L)	0.046	0.042	0.055	
	Cadmium (Cd)-Dissolved (mg/L)	0.000315	0.000128	0.000343	
	Calcium (Ca)-Dissolved (mg/L)	261	271	321	
	Chromium (Cr)-Dissolved (mg/L)	0.00044	0.00024	0.00038	
	Cobalt (Co)-Dissolved (mg/L)	0.00744	0.00633	0.00930	
	Copper (Cu)-Dissolved (mg/L)	0.00132	0.00155	0.00172	
	Iron (Fe)-Dissolved (mg/L)	15.0	4.93	4.32	
	Lead (Pb)-Dissolved (mg/L)	<0.000050	<0.000050	<0.00010 ^{DLA}	

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

ALS ENVIRONMENTAL ANALYTICAL REPORT

		Sample ID	L1864060-1	L1864060-2	L1864060-3		
		Description	Water	Water	Water		
		Sampled Date	28-NOV-16	28-NOV-16	28-NOV-16		
		Sampled Time	13:00	11:50	12:10		
		Client ID	WQ-SEEP	WQ-DC-U	WQ-DC-DSS		
Grouping	Analyte						
WATER							
Dissolved Metals	Lithium (Li)-Dissolved (mg/L)	0.0015	0.0015	<0.0020 ^{DLA}			
	Magnesium (Mg)-Dissolved (mg/L)	55.3	69.4	70.2			
	Manganese (Mn)-Dissolved (mg/L)	6.30	6.15	7.58			
	Mercury (Hg)-Dissolved (mg/L)	<0.0000050	<0.0000050	<0.0000050			
	Molybdenum (Mo)-Dissolved (mg/L)	0.000982	0.000838	0.00104			
	Nickel (Ni)-Dissolved (mg/L)	0.00298	0.00242	0.0038			
	Phosphorus (P)-Dissolved (mg/L)	<0.050	<0.050	<0.10 ^{DLA}			
	Potassium (K)-Dissolved (mg/L)	6.27	6.63	8.01			
	Selenium (Se)-Dissolved (mg/L)	0.000319	0.000246	0.00035			
	Silicon (Si)-Dissolved (mg/L)	7.96	8.38	9.15			
	Silver (Ag)-Dissolved (mg/L)	<0.000010	<0.000010	<0.000020 ^{DLA}			
	Sodium (Na)-Dissolved (mg/L)	35.9	35.5	45.7			
	Strontium (Sr)-Dissolved (mg/L)	0.756	0.823	0.926			
	Sulfur (S)-Dissolved (mg/L)	223	245	286			
	Thallium (Tl)-Dissolved (mg/L)	<0.000010	<0.000010	<0.000020 ^{DLA}			
	Tin (Sn)-Dissolved (mg/L)	<0.00010	<0.00010	<0.00020 ^{DLA}			
	Titanium (Ti)-Dissolved (mg/L)	0.00118	0.00072	0.00068			
	Uranium (U)-Dissolved (mg/L)	0.00174	0.00154	0.00231			
	Vanadium (V)-Dissolved (mg/L)	0.00236	0.00109	<0.0010 ^{DLA}			
	Zinc (Zn)-Dissolved (mg/L)	0.0340	0.0139	0.0347			
	Zirconium (Zr)-Dissolved (mg/L)	0.00074	0.00044	<0.00060 ^{DLA}			

* 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)
Method Blank	Aluminum (Al)-Total	MB-LOR	L1864060-1, -2, -3
Matrix Spike	Aluminum (Al)-Total	MS-B	L1864060-1, -2, -3
Matrix Spike	Barium (Ba)-Total	MS-B	L1864060-1, -2, -3
Matrix Spike	Calcium (Ca)-Total	MS-B	L1864060-1, -2, -3
Matrix Spike	Iron (Fe)-Total	MS-B	L1864060-1, -2, -3
Matrix Spike	Magnesium (Mg)-Total	MS-B	L1864060-1, -2, -3
Matrix Spike	Manganese (Mn)-Total	MS-B	L1864060-1, -2, -3
Matrix Spike	Potassium (K)-Total	MS-B	L1864060-1, -2, -3
Matrix Spike	Silicon (Si)-Total	MS-B	L1864060-1, -2, -3
Matrix Spike	Sodium (Na)-Total	MS-B	L1864060-1, -2, -3
Matrix Spike	Strontium (Sr)-Total	MS-B	L1864060-1, -2, -3
Matrix Spike	Sulfur (S)-Total	MS-B	L1864060-1, -2, -3
Matrix Spike	Titanium (Ti)-Total	MS-B	L1864060-1, -2, -3
Matrix Spike	Ammonia, Total (as N)	MS-B	L1864060-2, -3
Matrix Spike	Sulfate (SO4)	MS-B	L1864060-1, -2, -3

Qualifiers for Individual Parameters Listed:

Qualifier	Description
DLA	Detection Limit adjusted for required dilution
DLDS	Detection Limit Raised: Dilution required due to high Dissolved Solids / Electrical Conductivity.
DLM	Detection Limit Adjusted due to sample matrix effects (e.g. chemical interference, colour, turbidity).
MB-LOR	Method Blank exceeds ALS DQO. Limits of Reporting have been adjusted for samples with positive hits below 5x blank level.
MS-B	Matrix Spike recovery could not be accurately calculated due to high analyte background in sample.
RRR	Refer to Report Remarks for issues regarding this analysis

Test Method References:

ALS Test Code	Matrix	Test Description	Method Reference**
ALK-TITR-VA	Water	Alkalinity Species by Titration	APHA 2320 Alkalinity
This analysis is carried out using procedures adapted from APHA Method 2320 "Alkalinity". Total alkalinity is determined by potentiometric titration to a pH 4.5 endpoint. Bicarbonate, carbonate and hydroxide alkalinity are calculated from phenolphthalein alkalinity and total alkalinity values.			
BE-D-L-CCMS-VA	Water	Diss. Be (low) in Water by CRC ICPMS	APHA 3030B/6020A (mod)
Water samples are filtered (0.45 um), preserved with nitric acid, and analyzed by CRC ICPMS.			
Method Limitation (re: Sulfur): Sulfide and volatile sulfur species may not be recovered by this method.			
BE-T-L-CCMS-VA	Water	Total Be (Low) in Water by CRC ICPMS	EPA 200.2/6020A (mod)
Water samples are digested with nitric and hydrochloric acids, and analyzed by CRC ICPMS.			
Method Limitation (re: Sulfur): Sulfide and volatile sulfur species may not be recovered by this method.			
BR-L-IC-N-VA	Water	Bromide in Water by IC (Low Level)	EPA 300.1 (mod)
Inorganic anions are analyzed by Ion Chromatography with conductivity and/or UV detection.			
CL-IC-N-VA	Water	Chloride in Water by IC	EPA 300.1 (mod)
Inorganic anions are analyzed by Ion Chromatography with conductivity and/or UV detection.			
CN-CNO-WT	Water	Cyanate	APHA 4500-CN-L
This analysis is carried out using procedures adapted from APHA method 4500-CN "Cyanide". Cyanate is determined by the Cyanate hydrolysis method using an ammonia selective electrode			
CN-SCN-VA	Water	Thiocyanate by Colour	APHA 4500-CN CYANIDE
This analysis is carried out using procedures adapted from APHA Method 4500-CN- M "Thiocyanate" Thiocyanate is determined by the ferric nitrate colourimetric method.			
CN-T-CFA-VA	Water	Total Cyanide in water by CFA	ISO 14403:2002
This analysis is carried out using procedures adapted from ISO Method 14403:2002 "Determination of Total Cyanide using Flow Analysis (FIA and CFA)". Total or strong acid dissociable (SAD) cyanide is determined by in-line UV digestion along with sample distillation and final determination by			

Reference Information

colourimetric analysis. Method Limitation: This method is susceptible to interference from thiocyanate (SCN). If SCN is present in the sample, there could be a positive interference with this method, but it would be less than 1% and could be as low as zero.

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

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

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.

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

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

HARDNESS-CALC-VA Water Hardness APHA 2340B

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

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

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

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

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

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:

$$\text{Ion Balance (\%)} = \frac{[\text{Cation Sum} - \text{Anion Sum}]}{[\text{Cation Sum} + \text{Anion Sum}]}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Reference Information

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

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

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

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

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

This analysis is carried out using procedures adapted from APHA 1030E "Checking Correctness of Analyses".

The Total Dissolved Solids result is calculated from measured concentrations of anions and cations in the sample.

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

This analysis is carried out using procedures adapted from APHA Method 2540 "Solids". Solids are determined gravimetrically. Total Suspended Solids (TSS) are determined by filtering a sample through a glass fibre filter, TSS is determined by drying the filter at 104 degrees celsius.

Samples containing very high dissolved solid content (i.e. seawaters, brackish waters) may produce a positive bias by this method. Alternate analysis methods are available for these types of samples.

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

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

Laboratory Definition Code	Laboratory Location
WT	ALS ENVIRONMENTAL - WATERLOO, ONTARIO, CANADA
VA	ALS ENVIRONMENTAL - VANCOUVER, BRITISH COLUMBIA, CANADA

Chain of Custody Numbers:

GLOSSARY OF REPORT TERMS

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

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

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

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

mg/L - milligrams per litre.

< - Less than.

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

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

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

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

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



Report To		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 type="checkbox"/> EDD (DIGITAL)			R <input type="checkbox"/> Regular (Standard TAT if received by 3 pm - business days)																							
Contact: Lyndsay Doetzel		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		<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																							
Whitehorse, YT Y1A 3T8		Select Distribution: <input checked="" 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																							
Phone: 867-393-4882		Email 1 or Fax <u>ldoetzel@dynamics.com</u>			Specify Date Required for E2,E or P:																							
		Email 2 <u>Emilie.Hamm@gov.yk.ca</u>																										
		Email 3 <u>erik.plt@gov.yk.ca</u>																										
Invoice To		Invoice Distribution			Analysis Request																							
Same as Report To <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Select Invoice Distribution: <input checked="" type="checkbox"/> EMAIL <input type="checkbox"/> MAIL <input type="checkbox"/> FAX			Indicate Filtered (F), Preserved (P) or Filtered and Preserved (F/P) below																							
Copy of Invoice with Report <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Email 1 or Fax <u>sjenner@dynamics.com</u>																										
Company: EDI		Email 2 <u>ldoetzel@dynamics.com</u>																										
Contact: S Jenner																												
Project Information		Oil and Gas Required Fields (client use)																										
ALS Quote #: Q55559		Approver ID:																										
Job #: MOUNT NANSEN 16-Y-0089		GL Account:																										
PO / AFE:		Routing Code:																										
LSD:		Activity Code:																										
		Location:																										
ALS Lab Work Order # (lab use only)		ALS Contact: Craig Flaherty		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-PCT-VA	EC-PCT-VA	PH-PCT-VA	ANIONS-ALL-IC-WR	TSS-MAN-WR	CN-WAD-CFA-VA	CN-T-CFA-VA	CN-CNO-WT	CN-SCN-VA	NH3-F-VA	MET-T-BCMDG-VA	MET-D-BCMDG-VA	IONBALANC-VA	TDS-CALC-VA	Number of Containers							
	WQ-SEEP			28-Nov-2016	13:00	Water	R	R	R	R	R	R	R	R	R	R	R	R	R	R	9							
	WQ-SEEP			28-Nov-16			R	R	R	R	R	R	R	R	R	R	R	R	R	R	9							
	WQ-DC-U			28-Nov-16	11:50		R	R	R	R	R	R	R	R	R	R	R	R	R	R	9							
	WQ-DC-DSS			28-Nov-16	12:10		R	R	R	R	R	R	R	R	R	R	R	R	R	R	9							
RUSH																												
Priority processing																												
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												Frozen <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																
Are samples for human drinking water use? <input type="checkbox"/> Yes <input type="checkbox"/> No												SIF Observations Yes <input type="checkbox"/> No <input type="checkbox"/>																
												Ice packs Yes <input type="checkbox"/> No <input type="checkbox"/>																
												Custody seal intact Yes <input type="checkbox"/> No <input type="checkbox"/>																
												Cooling Initiated <input type="checkbox"/>																
												INITIAL COOLER TEMPERATURES °C: <u>4</u> FINAL COOLER TEMPERATURES °C: <u>4</u>																
SHIPMENT RELEASE (client use)						INITIAL SHIPMENT RECEPTION (lab use only)						FINAL SHIPMENT RECEPTION (lab use only)																
Released by: <u>[Signature]</u>		Date: <u>28/11/16</u>		Time: <u>16:52</u>		Received by: <u>[Signature]</u>		Date: <u>28 Nov</u>		Time: <u>4:15 PM</u>		Received by: <u>[Signature]</u>		Date: <u>Nov 29</u>		Time: <u>4:10 PM</u>												
REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION											WHITE - LABORATORY COPY						YELLOW - CLIENT COPY											