Water Licence Inspection Report

☒Original
☐Follow-Up Report

Authorization	Representative
Agnico Eagle Mines Ltd.	**Kyle Conway**
Authorization No. / Expiry	**Representative's Title**
2AM-MEL1631	**Environment General Supervisor**
Inspection Date	**Inspector**
September 27 & 28, 2023	**RMO Kyle Amsel**
Other Authorization/s	
KVCA07Q08, KVCA11Q01, KVPL11D01, Project Certificate No. 6	
Activities Inspected	
☒ **Camp, Commercial** ☐ **Drilling** ☒ **Mining** ☒ **Construction** ☐ **Reclamation** ☒ **Fuel Storage** ☒ **Roads/Hauling** ☐ **Winter Hauling** ☐ **Camp, Private** ☐ **Other** Click or tap here to enter text.	

Section 1 Comments

On September 27 & 28, 2023 Resource Management Officer Kyle Amsel (Inspector) for Crown-Indigenous Relations and Northern Affairs Canada conducted an Inspection of Water Licence 2AM-MEL1631(Licence). The Licence is issued to Agnico Eagle Mines Limited (Licensee) for the use of waters and deposit of wastes in support of a mining undertaking (Undertaking).

Accompanying the Inspector was Kyle Conway, Environment General Supervisor and Kevin Smith, Hydrology Specialist (herein referred to as representatives).

Preliminary Information

The primary focus of this inspection was spills, follow up items from previous Inspections and dust management on site.

Observations

1. Water Samples were collected between 0930hrs and 0943hrs on September 27, 2023 from MEL-14. Duplicate samples were collected and results of the sampling are included in Appendix A. All required parameters listed in Part F Item 3 of the Licence were tested and did not exceed the monthly mean or max grab sample. (Photo 1-3). Results are included in Appendix A.
2. Administrative Items
    a. The Representative presented to the Inspector water management structure inspection sheets which satisfy the requirement of Part E Item 16 of the Licence.
    b. The Representative presented to the Inspector fuel storage and containment facility inspection sheets which satisfy the requirement of Part H Item 4 of the Licence.
3. Water usage for the undertaken as taken from MEL-11 at midnight on September 26, 2023 was 355,060m^3
4. Dust management, monitoring and concerns related to Arsenic in nearby lakes.
    a. Dust management is controlled by the dust management plan V6.
    b. The Air Quality Monitoring Plan V3 stipulates air quality monitoring.
    c. On site, a variety of methods are used to quantify dust fall and air quality. Passive dust fall jars (Photo 4) are found throughout the site and in pre-set transects for road dust monitoring, two Partisol Plus active air samplers (Photo 5 & 6) are present on the upwind and downwind side of the site and two passive Nitrogen dioxide (NO2) and Sulphur dioxide (SO2) samplers (Photo 4) are co-located with the Partisol Plus samplers. These three sample methods monitor for NO2, SO2, particles nominally smaller than 10µm in diameter, particulates nominally smaller than 2.5µm in diameter, total suspended particulate matter and dustfall.
    d. The major identified dust concerns on site stem from the dry stack Tailings Storage Facility (TSF). Representative showed the Inspector several locations where new technologies are being tested by the Licensee on the TSF to reduce air born dust. This includes a chemical treatment which binds the surface of the tailings into a vinyl like consistency (as observed by the Inspector). Representative explained a new in winter method will be tested where a Zamboni like device applies a layer of water to the surface of the tailings and freezes in place thereby preventing disturbance of the tailings by wind action. This list is not exhaustive.
    e. The 2022 Aquatic Effects Monitoring Program Report submitted with the 2022 annual report identifies that concentrations of Arsenic in Lake B7 and A8 have increased since development. Arsenic has increased fourfold in Lake A8 and eightfold in B7 with B7 nearing the action levels identified in the Final Environmental Impact Statement. The report identifies the likely cause of the Arsenic levels as the TSF. The Inspector is concerned that wastes generated from the Undertaking, namely from the TSF in the form of dust, is entering freshwater. The Licensee is encouraged to continue mitigation of dust from the Undertaking.
5. Channel 3 Rehabilitation
    a. The construction at Channel 3 is near completion.
    b. The channel now has a positive grade between 0.5 and 0.8%.
    c. The natural vegetation between the TSF and Channel 3 observed on previous inspections has now been capped with an average of 2m of material.
    d. There are no apparent water management concerns noted by the Inspector.
    e. The fine grain material associated with spill 2022-469 opposite channel 3 was capped with material. The area has been redesigned to prevent risk to the environment and the Inspector considers this spill closed.
6. The following is a list of spills which were inspected and considered "Closed-Remediated"
    2018-223, 2018-287, 2018-308, 2018-344, 2018-440, 2018-477, 2019-020, 2019-021, 2019-210, 2019-269, 2019-380, 2019-405, 2019-471, 2019-491, 2019-494, 2020-023, 2020-052, 2020-073, 2020-087, 2020-121, 2020-164, 2020-310, 2020-292, 2020-329, 2020-356, 2020-364, 2020-379, 2020-403, 2020-405, 2021-132, 2021-175, 2021-236, 2021-279, 2021-299, 2021-301, 2021-400, 2021-429, 2021-461, 2021-464, 2021-471, 2021-474, 2021-481, 2021-491, 2021-492, 2022-019, 2022-029, 2022-055, 2022-056, 2022-057, 2022-067, 2022-073, 2022-075,2022-

076, 2022-106, 2022-140, 2022-143, 2022-148, 2022-180, 2022-221, 2022-267, 2022-357, 2022-386, 2022-397, 2022-395, 2022-417, 2022-466, 2022-465, 2022-470, 2022-480, 2022-498, 2022-503, 2022-517, 2022-529, 2022-532, 2022-533, 2022-542, 2022-559, 2023-009, 2023-011, 2023-037, 2023-047, 2023-057, 2023-073, 2023-124, 2023-129, 2023-139, 2023-151, 2023-183, 2023-211, 2023-213, 2023-215, 2023-243, 2023-331, 2023-340, 2023-368

7. Spill 2020-289 and 2023-034 occurred inside areas of open pit excavation and are considered remediated.

Section 2 Non-Compliance with Water Licence
There were no items of non-compliance noted.
Section 3 Action Required
No actions required.
Section 4 Other
NA

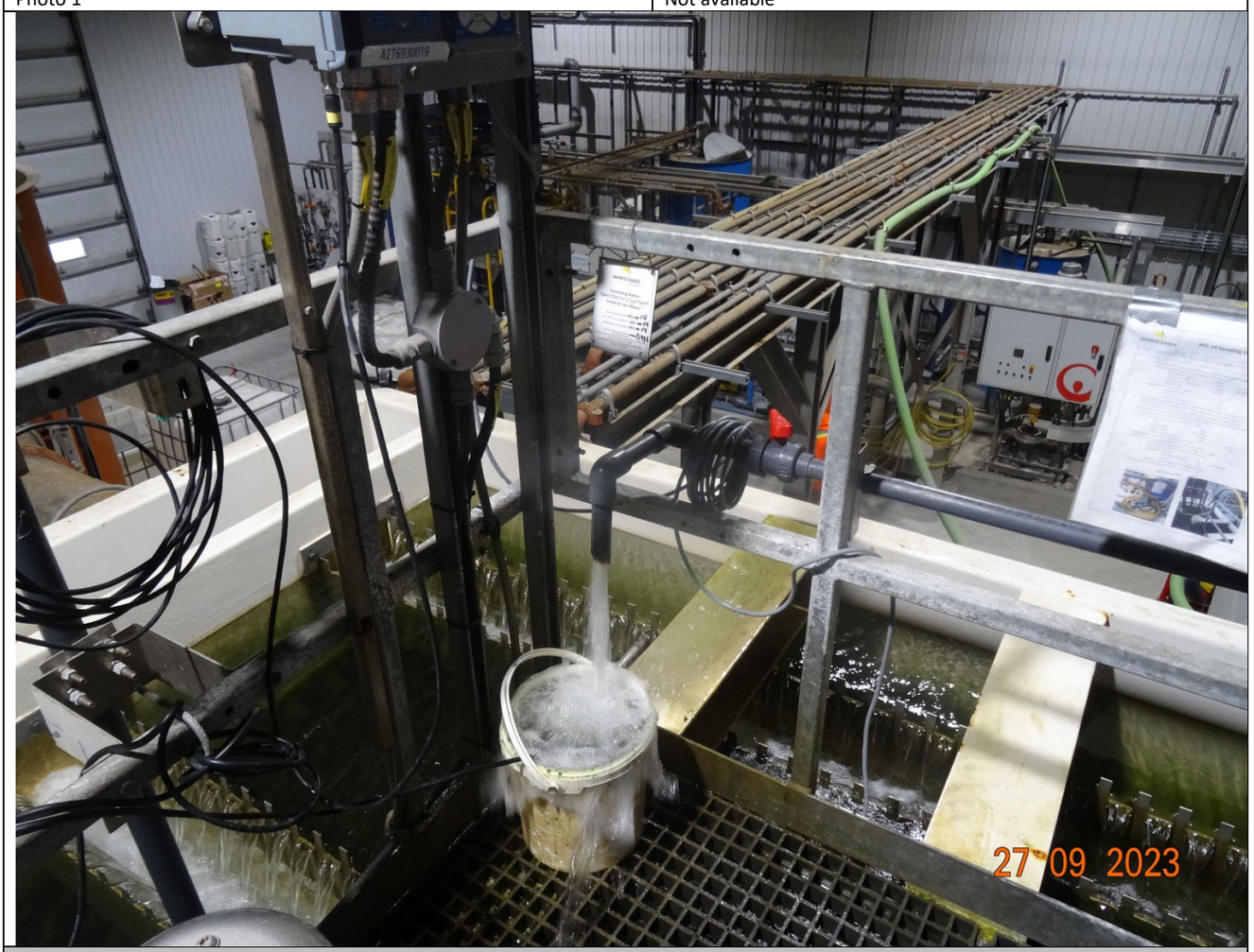
Licensee or Representative	**Inspector's Name**
Kyle Conway	RMO Kyle Amsel
Signature	**Signature**
Date	**Date**
October 27, 2023	October 20, 2023

Office Use Only: Follow-up report to be issued by Inspector ☐ Yes ☐ No

PHOTO LOG

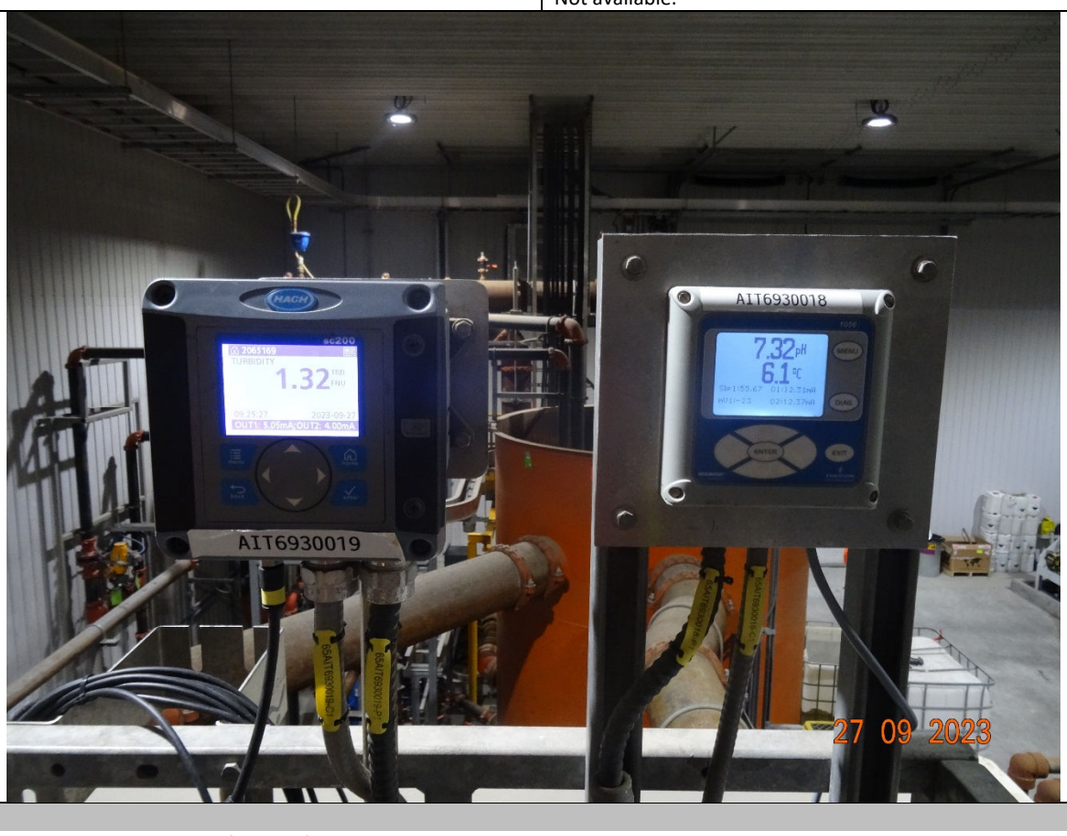
Date:	**Authorization Number:**	**Camera/Model:**	**Inspector**
Wednesday, September 27, 2023	2AM-MEL1631	DSC-HX50V	RMO Kyle Amsel

Photo No.	**Lat/Long (DD.MM.SS.SS, NAD83)**
Photo 1	Not available



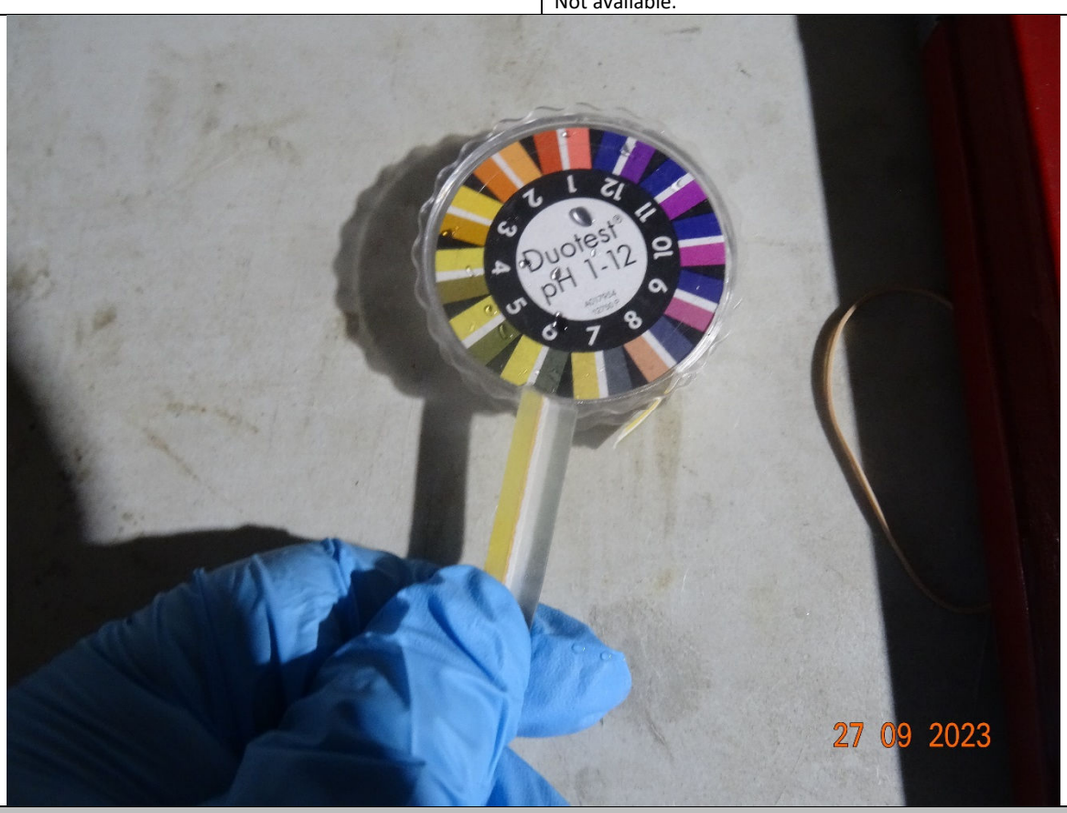
Description:
MEL-14 Sample location.

Photo No.	Lat/Long (DD.MM.SS.SS, NAD83)
Photo 2	Not available.



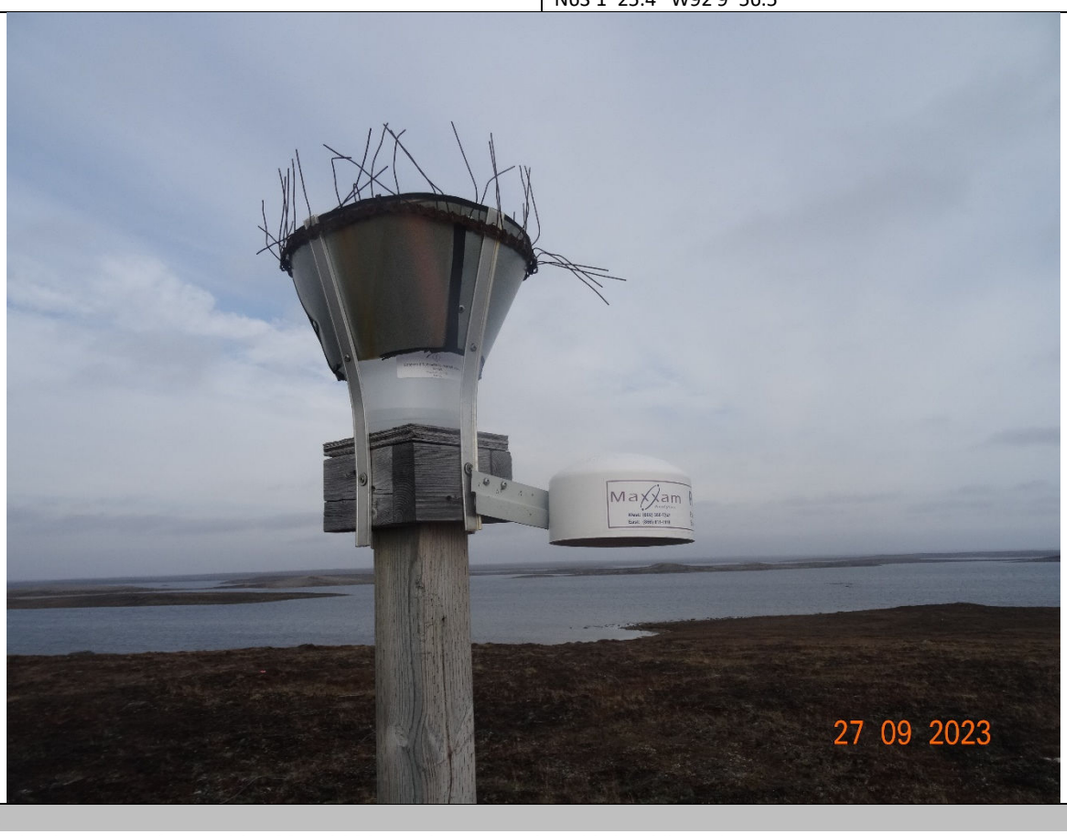
Description:
MEL-14 running water quality meters for specific parameters.

Photo No.	Lat/Long (DD.MM.SS.SS, NAD83)
Photo 3	Not available.



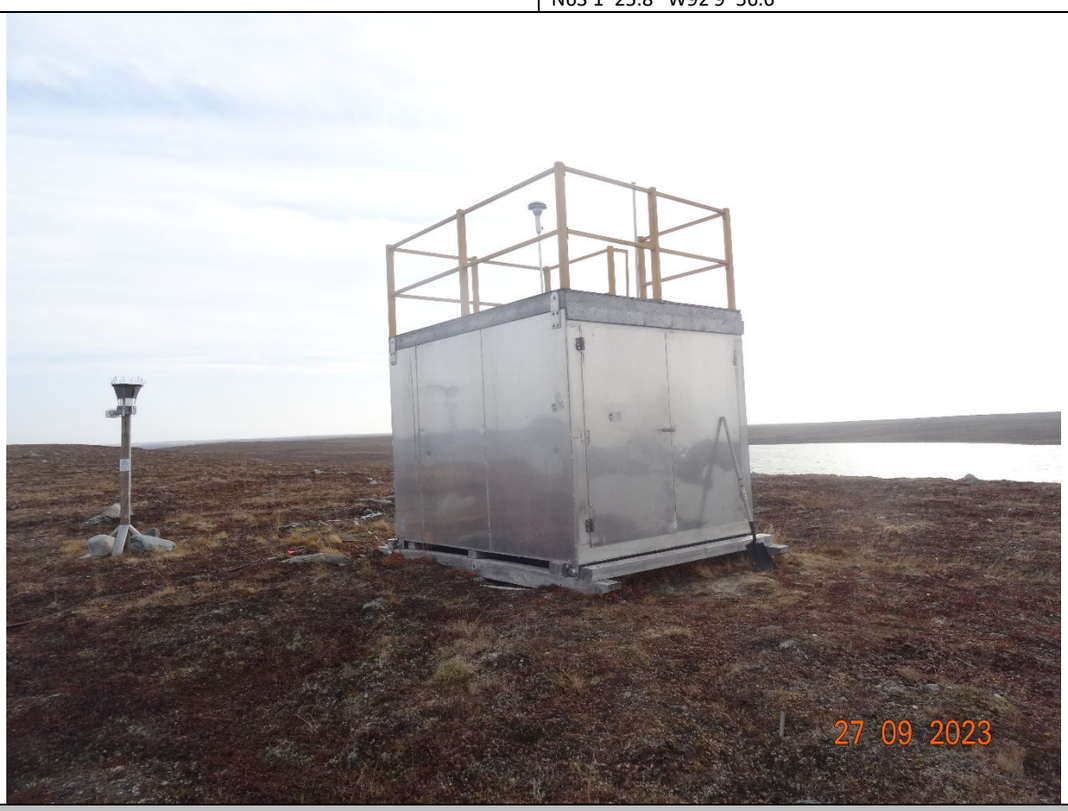
Description:
pH test strip for samples taken at MEL-14.

Photo No.	Lat/Long (DD.MM.SS.SS, NAD83)
Photo 4	N63 1’ 25.4” W92 9’ 56.5”



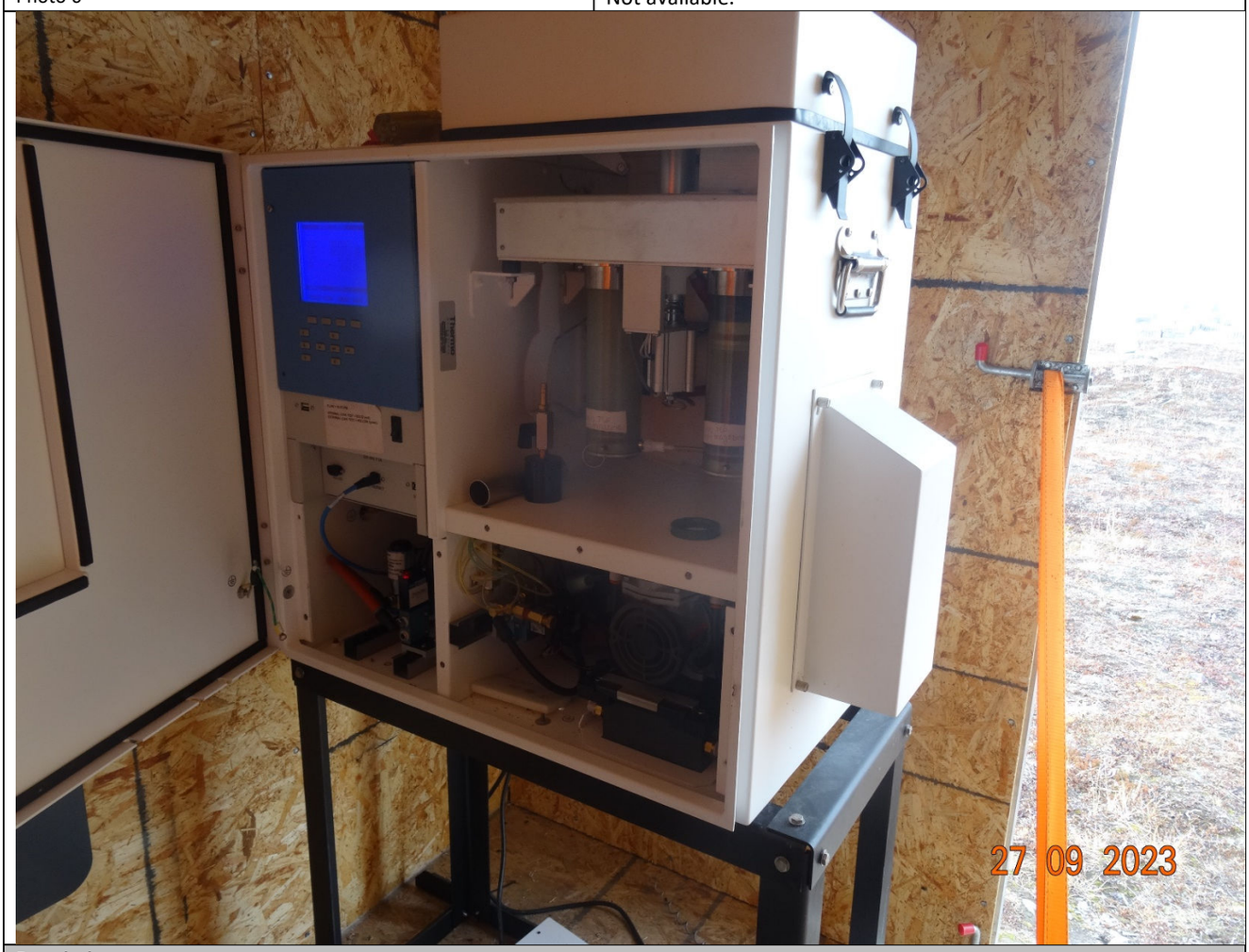
Description:
Dustfall collection jar on top of post with NO2 and SO2 sampler mounted on side in while canister.

Photo No.	Lat/Long (DD.MM.SS.SS, NAD83)
Photo 5	N63 1’ 25.8” W92 9’ 56.6”



Description:
Partisol Air sampler contained within this structure. Two air intakes at top of structure intake for samplers.

Photo No.	Lat/Long (DD.MM.SS.SS, NAD83)
Photo 6	Not available.



Description:
One of the two Partisol air samplers contained within the struture.

Appendix A
Water Sample Results

CERTIFICATE OF ANALYSIS

Work Order	: **WP2324841**	Page	: 1 of 5
Client	: **Crown-Indigenous Relations and Northern Affairs Canada**	Laboratory	: ALS Environmental - Winnipeg
Contact	: KYLE AMSEL	Account Manager	: Daniel Rocha
Address	: Water Resources PO Box 100 Iqaluit NU Canada X0A 0H0	Address	: 1329 Niakwa Road East, Unit 12 Winnipeg MB Canada R2J 3T4
Telephone	: ----	Telephone	: +1 204 255 9720
Project	: LAM-MEL 1631 MEL-14	Date Samples Received	: 28-Sep-2023 12:00
PO	: ----	Date Analysis Commenced	: 28-Sep-2023
C-O-C number	: ----	Issue Date	: 06-Oct-2023 14:58
Sampler	: ----		
Site	: ----		
Quote number	: Freshwater Monitoring - Kivalliq & Iqaluit , NU		
No. of samples received	: 4		
No. of samples analysed	: 4		

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QC Interpretive report to assist with Quality Review and Sample Receipt Notification (SRN).

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

Signatories	*Position*	*Laboratory Department*
Dung Hoang		Organics, Winnipeg, Manitoba
Lee McTavish		Inorganics, Winnipeg, Manitoba
Lee McTavish		Metals, Winnipeg, Manitoba
Michelle Michalchuk	Analyst	Organics, Winnipeg, Manitoba
Nik Perkio	Inorganics Analyst	Inorganics, Waterloo, Ontario
Rhovee Guevarra		Inorganics, Winnipeg, Manitoba

General Comments

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Refer to the ALS Quality Control Interpretive report (QCI) for applicable references and methodology summaries. Reference methods may incorporate modifications to improve performance.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Please refer to Quality Control Interpretive report (QCI) for information regarding Holding Time compliance.

Key : CAS Number: Chemical Abstracts Services number is a unique identifier assigned to discrete substances

LOR: Limit of Reporting (detection limit).

Unit	*Description*
µg/L	micrograms per litre
mg/L	milligrams per litre

<: less than.

>: greater than.

Surrogate: An analyte that is similar in behavior 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.

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

UNLESS OTHERWISE STATED on SRN or QCI Report, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.

Analytical Results

Sub-Matrix: **Water**
(Matrix: **Water**)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	MEL-14 BAG #1	MEL-14 BAG #1	MEL-14 BAG #2	MEL-14 BAG #3	----
					Client sampling date / time	27-Sep-2023 09:30	27-Sep-2023 09:30	27-Sep-2023 09:30	27-Sep-2023 09:30	----
						WP2324841-001	WP2324841-002	WP2324841-003	WP2324841-004	--------
						Result	Result	Result	Result	----
Physical Tests										
Solids, total dissolved [TDS]	----	E162-L/WP	3.0	mg/L		2390	----	2480	----	----
Solids, total suspended [TSS]	----	E160/WP	3.0	mg/L		4.0	----	6.4	----	----
Anions and Nutrients										
Ammonia, total (as N)	7664-41-7	E298/WP	0.0050	mg/L		0.283	----	0.257	----	----
Phosphorus, total	7723-14-0	E372-U/WP	0.0020	mg/L		0.0360	----	0.0326	----	----
Cyanides										
Cyanide, strong acid dissociable (Total)	----	E333-L/WT	0.0010	mg/L		0.0016	----	0.0012	----	----
Total Metals										
Aluminum, total	7429-90-5	E420/WP	0.0030	mg/L		0.424	----	0.467	----	----
Antimony, total	7440-36-0	E420/WP	0.00010	mg/L		0.00098	----	0.00101	----	----
Arsenic, total	7440-38-2	E420/WP	0.00010	mg/L		0.00463	----	0.00500	----	----
Barium, total	7440-39-3	E420/WP	0.00010	mg/L		0.0777	----	0.0844	----	----
Beryllium, total	7440-41-7	E420/WP	0.000020	mg/L		<0.000020	----	<0.000020	----	----
Bismuth, total	7440-69-9	E420/WP	0.000050	mg/L		<0.000050	----	<0.000050	----	----
Boron, total	7440-42-8	E420/WP	0.010	mg/L		0.382	----	0.412	----	----
Cadmium, total	7440-43-9	E420/WP	0.0000050	mg/L		0.0000119	----	0.0000127	----	----
Calcium, total	7440-70-2	E420/WP	0.050	mg/L		203	----	208	----	----
Cesium, total	7440-46-2	E420/WP	0.000010	mg/L		0.000272	----	0.000276	----	----
Chromium, total	7440-47-3	E420/WP	0.00050	mg/L		<0.00050	----	<0.00050	----	----
Cobalt, total	7440-48-4	E420/WP	0.00010	mg/L		0.00119	----	0.00122	----	----
Copper, total	7440-50-8	E420/WP	0.00050	mg/L		0.00218	----	0.00229	----	----
Iron, total	7439-89-6	E420/WP	0.010	mg/L		0.043	----	0.041	----	----
Lead, total	7439-92-1	E420.Pb/WP	0.000050	mg/L		----	0.000097	----	0.000112	----
Lead, total	7439-92-1	E420/WP	0.000050	mg/L		0.000106	----	0.000094	----	----
Lithium, total	7439-93-2	E420/WP	0.0010	mg/L		0.0483	----	0.0473	----	----
Magnesium, total	7439-95-4	E420/WP	0.0050	mg/L		76.2	----	78.2	----	----
Manganese, total	7439-96-5	E420/WP	0.00010	mg/L		0.0990	----	0.110	----	----
Molybdenum, total	7439-98-7	E420/WP	0.000050	mg/L		0.00626	----	0.00679	----	----
Nickel, total	7440-02-0	E420/WP	0.00050	mg/L		0.00550	----	0.00611	----	----

Analytical Results

Sub-Matrix: Water (Matrix: Water)					Client sample ID	MEL-14 BAG #1	MEL-14 BAG #1	MEL-14 BAG #2	MEL-14 BAG #3	----
					Client sampling date / time	27-Sep-2023 09:30	27-Sep-2023 09:30	27-Sep-2023 09:30	27-Sep-2023 09:30	----
Analyte	CAS Number	Method/Lab	LOR	Unit		WP2324841-001	WP2324841-002	WP2324841-003	WP2324841-004	--------
						Result	Result	Result	Result	----
Total Metals										
Phosphorus, total	7723-14-0	E420/WP	0.050	mg/L		<0.050	----	<0.050	----	----
Potassium, total	7440-09-7	E420/WP	0.050	mg/L		38.0	----	40.3	----	----
Rubidium, total	7440-17-7	E420/WP	0.00020	mg/L		0.0210	----	0.0216	----	----
Selenium, total	7782-49-2	E420/WP	0.000050	mg/L		0.00101	----	0.000984	----	----
Silicon, total	7440-21-3	E420/WP	0.10	mg/L		0.32	----	0.31	----	----
Silver, total	7440-22-4	E420/WP	0.000010	mg/L		<0.000010	----	<0.000010	----	----
Sodium, total	7440-23-5	E420/WP	0.050	mg/L		472	----	468	----	----
Strontium, total	7440-24-6	E420/WP	0.00020	mg/L		2.70	----	2.84	----	----
Sulfur, total	7704-34-9	E420/WP	0.50	mg/L		145	----	149	----	----
Tellurium, total	13494-80-9	E420/WP	0.00020	mg/L		0.00029	----	0.00032	----	----
Thallium, total	7440-28-0	E420/WP	0.000010	mg/L		0.000010	----	<0.000010	----	----
Thorium, total	7440-29-1	E420/WP	0.00010	mg/L		<0.00010	----	<0.00010	----	----
Tin, total	7440-31-5	E420/WP	0.00010	mg/L		<0.00010	----	<0.00010	----	----
Titanium, total	7440-32-6	E420/WP	0.00030	mg/L		0.00050	----	0.00042	----	----
Tungsten, total	7440-33-7	E420/WP	0.00010	mg/L		<0.00010	----	<0.00010	----	----
Uranium, total	7440-61-1	E420/WP	0.000010	mg/L		0.00266	----	0.00268	----	----
Vanadium, total	7440-62-2	E420/WP	0.00050	mg/L		0.00056	----	0.00057	----	----
Zinc, total	7440-66-6	E420/WP	0.0030	mg/L		0.0051	----	0.0046	----	----
Zirconium, total	7440-67-7	E420/WP	0.00020	mg/L		<0.00020	----	<0.00020	----	----
Volatile Organic Compounds										
Benzene	71-43-2	E611A/WP	0.50	µg/L		<0.50	----	<0.50	----	----
BTEX, total	----	E611A/WP	1.0	µg/L		<1.0	----	<1.0	----	----
Ethylbenzene	100-41-4	E611A/WP	0.50	µg/L		<0.50	----	<0.50	----	----
Toluene	108-88-3	E611A/WP	0.50	µg/L		<0.50	----	<0.50	----	----
Xylene, m+p-	179601-23-1	E611A/WP	0.40	µg/L		<0.40	----	<0.40	----	----
Xylene, o-	95-47-6	E611A/WP	0.30	µg/L		<0.30	----	<0.30	----	----
Xylenes, total	1330-20-7	E611A/WP	0.50	µg/L		<0.50	----	<0.50	----	----
Hydrocarbons										
F1 (C6-C10)	----	E581.F1/WP	100	µg/L		<100	----	<100	----	----
F1-BTEX	----	EC580/WP	25	µg/L		<100	----	<100	----	----

Analytical Results

Sub-Matrix: Water (Matrix: Water)					Client sample ID	MEL-14 BAG #1	MEL-14 BAG #1	MEL-14 BAG #2	MEL-14 BAG #3	----
					Client sampling date / time	27-Sep-2023 09:30	27-Sep-2023 09:30	27-Sep-2023 09:30	27-Sep-2023 09:30	----
Analyte	CAS Number	Method/Lab	LOR	Unit		WP2324841-001	WP2324841-002	WP2324841-003	WP2324841-004	--------
						Result	Result	Result	Result	----
Hydrocarbons										
F2 (C10-C16)	----	E601/WP	100	µg/L		<100	----	<100	----	----
F3 (C16-C34)	----	E601/WP	250	µg/L		<250	----	<250	----	----
F4 (C34-C50)	----	E601/WP	250	µg/L		<250	----	<250	----	----
TEH (C10-C50)	n/a	E601/WP	400	µg/L		<400	----	<400	----	----
TEH (C16-C50)	----	E601/WP	400	µg/L		<400	----	<400	----	----
Hydrocarbons Surrogates										
Bromobenzotrifluoride, 2- (F2-F4 surrogate)	392-83-6	E601/WP	1.0	%		105	----	103	----	----
Dichlorotoluene, 3,4-	95-75-0	E581.F1/WP	1.0	%		121	----	97.0	----	----
Volatile Organic Compounds Surrogates										
Bromofluorobenzene, 4-	460-00-4	E611A/WP	1.0	%		80.1	----	75.5	----	----
Difluorobenzene, 1,4-	540-36-3	E611A/WP	1.0	%		90.2	----	89.1	----	----

Please refer to the General Comments section for an explanation of any result qualifiers detected.

Please refer to the Accreditation section for an explanation of analyte accreditations.

ALS Environmental

www.alsglobal.com

Chain of Custody (COC) / Analytical Request Form

Canada Toll Free: 1 800 668 9878

Affix ALS barcode label here (lab use only)

COC Number: 17 - 776516

Page 1 of 1

Report To	Contact and company name below will appear on the final report
Company:	Crown-Indigenous Relations & Northern Affairs
Contact:	Kyle Amsell
Phone:	867-648-2089
Company address below will appear on the final report	
Street:	PO Box 972
City/Province:	Rankin Inlet NU
Postal Code:	X0C 0G0
Invoice To	Same as Report To [X] YES [ ] NO
	Copy of Invoice with Report [X] YES [ ] NO
Company:	CIRNAC
Contact:	Leyli Noble

Report Format / Distribution

Select Report Format: [X] PDF [ ] EXCEL [ ] EDD (DIGITAL)

Quality Control (QC) Report with Report [ ] YES [ ] NO

[ ] Compare Results to Criteria on Report - provide details below if box checked

Select Distribution: [ ] EMAIL [ ] MAIL [ ] FAX

Email 1 or Fax: Kyle.amsell@rcaanc-cirnac.gc.ca

Email 2:

Email 3:

Invoice Distribution

Select Invoice Distribution: [X] EMAIL [ ] MAIL [ ] FAX

Email 1 or Fax:

Email 2: Leyli.noble@rcaanc-cirnac.gc.ca

Select Service Level Below - Contact your AM to confirm all E&P TATs (surcharges may apply)

Regular [R] [ ] Standard TAT if received by 3 pm - business days - no surcharges apply

PRIORITY (Business Days): 4 day [P4-20%] [ ]; 3 day [P3-25%] [ ]; 2 day [P2-50%] [ ]

EMERGENCY: 1 Business day [E - 100%] [ ]; Same Day, Weekend or Statutory holiday [E2 -200% (Laboratory opening fees may apply)] [ ]

Date and Time Required for all E&P TATs: dd-mmm-yy hh:mm

For tests that can not be performed according to the service level selected, you will be contacted.

Project Information

ALS Account # / Quote #:

Job #: 24M-MEL1631 MEL-14

PO / AFE:

LSD:

Oil and Gas Required Fields (client use)

AFE/Cost Center: PO#

Major/Minor Code: Routing Code:

Requisitioner:

Location:

ALS Lab Work Order # (lab use only):

ALS Contact: Sampler:

Analysis Request

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

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	NUMBER OF CONTAINERS	Metals P	NH3-N F/P	TDS/TSS	Cyanide	Lead	BTEX F1-F4
	MEL-14 Bag #1	27/09/23	0930	Compliance	8	X	X	X	X	X	X
	MEL-14 Bag #2	27/09/23	0930	Compliance	8	X	X	X	X	X	X

SAMPLES ON HOLD

SUSPECTED HAZARD (see Special Instructions)

Environmental Division Winnipeg

Work Order Reference

WP2324841

Telephone : +1 204 255 9720

Drinking Water (DW) Samples[1] (client use)

Are samples taken from a Regulated DW System? [ ] YES [ ] NO

Are samples for human consumption/ use? [ ] YES [ ] NO

Special Instructions / Specify Criteria to add on report by clicking on the drop-down list below (electronic COC only)

SAMPLE CONDITION AS RECEIVED (lab use only)

Frozen [ ] SIF Observations Yes [ ] No [ ]

Ice Packs [ ] Ice Cubes [ ] Custody seal intact Yes [ ] No [ ]

Cooling Initiated [ ]

INITIAL COOLER TEMPERATURES °C	FINAL COOLER TEMPERATURES °C
	10.4

SHIPMENT RELEASE (client use)		
Released by:	Date:	Time:

INITIAL SHIPMENT RECEPTION (lab use only)		
Received by:	Date: SEP 28 23	Time:

FINAL SHIPMENT RECEPTION (lab use only)		
Received by:	Date:	Time:

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

WHITE - LABORATORY COPY YELLOW - CLIENT COPY

JUNE 2015 FRONT

1. If any water samples are taken from a **Regulated Drinking Water (DW) System**, please submit using an **Authorized DW COC form.**

ALS Environmental

www.alsglobal.com

Chain of Custody (COC) / Analytical Request Form

Canada Toll Free: 1 800 668 9878

Affix ALS barcode label here (lab use only)

COC Number: 17 - 776516

Page / of /

Report To	Contact and company name below will appear on the final report	Report Format / Distribution		Select Service Level Below - Contact your AM to confirm all E&P TATs (surcharges may apply)	
Company:	Cairn Indigenous Relations & Northern Affairs	Select Report Format:	☒ PDF ☐ EXCEL ☐ EDD (DIGITAL)	Regular [R] ☐	Standard TAT if received by 3 pm - business days - no surcharges apply
Contact:	Kyle Arnold	Quality Control (QC) Report with Report	☐ YES ☐ NO	PRIORITY (Business Days) 4 day [P4-20%] ☐	EMERGENCY 1 Business day [E - 100%] ☐
Phone:	867-648-2089	☐ Compare Results to Criteria on Report - provide details below if box checked		3 day [P3-25%] ☐	Same Day, Weekend or Statutory holiday [E2 -200% (Laboratory opening fees may apply)] ☐
	Company address below will appear on the final report	Select Distribution:	☐ EMAIL ☐ MAIL ☐ FAX	2 day [P2-50%] ☐	
Street:	PO Box 972	Email 1 or Fax	kyle.arnold@rcaanc-cirnac.gc.ca	Date and Time Required for all E&P TATs:	dd-mmm-yy hh:mm
City/Province:	Rankin Inlet NU	Email 2		For tests that can not be performed according to the service level selected, you will be contacted.	
Postal Code:	X0C 0G0	Email 3			
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		
Company:	CIRNAC	Email 1 or Fax			
Contact:	Layli Noble	Email 2	layli.noble@rcaanc-cirnac.gc.ca		
Project Information		Oil and Gas Required Fields (client use)			
ALS Account # / Quote #:		AFE/Cost Center:	PO#		
Job #:	2AM-MEL1631 MEL-14	Major/Minor Code:	Routing Code:		
PO / AFE:		Requisitioner:			
LSD:		Location:			
ALS Lab Work Order # (lab use only):		ALS Contact:	Sampler:		

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

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	NUMBER OF CONTAINERS	Metals P	NH3-N F/P	TDS / TSS	Cyanide	Lead	BTEX F1-F4	SUSPECTED HAZARD (see Special Instructions)
	MEL-14 Bag #1	27/09/23	0930	Compliance	8	X	X	X	X	X	X	
	MEL-14 Bag #2	27/09/23	0930	Compliance	8	X	X	X	X	X	X	

SAMPLES ON HOLD

Environmental Division Winnipeg
Work Order Reference
WP2324841

Telephone : +1 204 255 9720

Drinking Water (DW) Samples[1] (client use)	Special Instructions / Specify Criteria to add on report by clicking on the drop-down list below (electronic COC only)
~~Are samples taken from a Regulated DW System?~~ ☐ YES ☐ NO	
Are samples for human consumption/ use? ☐ YES ☐ NO	

SAMPLE CONDITION AS RECEIVED (lab use only)

Frozen ☐ SIF Observations Yes ☐ No ☐

Ice Packs ☐ Ice Cubes ☐ Custody seal intact Yes ☐ No ☐

Cooling Initiated ☐

INITIAL COOLER TEMPERATURES °C	FINAL COOLER TEMPERATURES °C
	10.4

SHIPMENT RELEASE (client use)			INITIAL SHIPMENT RECEPTION (lab use only)			FINAL SHIPMENT RECEPTION (lab use only)		
Released by:	Date:	Time:	Received by:	Date: 28/09/23	Time: 1200	Received by:	Date:	Time:

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

WHITE - LABORATORY COPY YELLOW - CLIENT COPY

JUNE 2018 FRONT

1. If any water samples are taken from a Regulated Drinking Water (DW) System, please submit using an Authorized DW COC form.

ALS Environmental
www.alsglobal.com

Chain of Custody (COC) / Analytical Request Form

Canada Toll Free: 1 800 668 9878

Affix ALS barcode label here
(lab use only)

COC Number: 17 - 776516

Page 1 of 1

Report To	Contact and company name below will appear on the final report	Report Format / Distribution	Select Service Level Below - Contact your AM to confirm all E&P TATs (surcharges may apply)
Company:	Crown-Indigenous Relations & Northern Affairs	Select Report Format: [X] PDF [ ] EXCEL [ ] EDD (DIGITAL)	Regular [R] [ ] Standard TAT if received by 3 pm - business days - no surcharges apply
Contact:	Kyle Amsel	Quality Control (QC) Report with Report [ ] YES [ ] NO	PRIORITY (Business Days): 4 day [P4-20%] [ ] / 3 day [P3-25%] [ ] / 2 day [P2-50%] [ ] — EMERGENCY: 1 Business day [E - 100%] [ ] / Same Day, Weekend or Statutory holiday [E2 -200% (Laboratory opening fees may apply)] [ ]
Phone:	867-645-2089	[ ] Compare Results to Criteria on Report - provide details below if box checked	
	Company address below will appear on the final report	Select Distribution: [ ] EMAIL [ ] MAIL [ ] FAX	
Street:	PO Box 972	Email 1 or Fax: Kyle.amsel@rcaanc-cirnac.gc.ca	Date and Time Required for all E&P TATs: dd-mmm-yy hh:mm
City/Province:	Rankin Inlet NU	Email 2	For tests that can not be performed according to the service level selected, you will be contacted.
Postal Code:	X0C 0G0	Email 3	

Invoice To		Invoice Distribution
	Same as Report To [X] YES [ ] NO	Select Invoice Distribution: [X] EMAIL [ ] MAIL [ ] FAX
	Copy of Invoice with Report [X] YES [ ] NO	Email 1 or Fax
Company:	CIRNAC	Email 2: Layli.noble@rcaanc-cirnac.gc.ca
Contact:	Layli Noble	

Project Information		Oil and Gas Required Fields (client use)	
ALS Account # / Quote #:		AFE/Cost Center:	PO#:
Job #:	24M-MEL1631 MEL-14	Major/Minor Code:	Routing Code:
PO / AFE:		Requisitioner:	
LSD:		Location:	
ALS Lab Work Order # (lab use only):		ALS Contact:	Sampler:

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

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	NUMBER OF CONTAINERS	Metals P	NH3-N F/P	TDS / TSS	Cyanide	Lead	BTEX F1-F4	SAMPLES ON HOLD	SUSPECTED HAZARD (see Special Instructions)
	MEL-14 Bag #1	27/09/23	0930	Composite	8	X	X	X	X	X	X		
	MEL-14 Bag #2	27/09/23	0930	Composite	8	X	X	X	X	X	X		

Environmental Division
Winnipeg
Work Order Reference
WP2324841

Telephone : +1 204 255 9720

Drinking Water (DW) Samples[1] (client use)	Special Instructions / Specify Criteria to add on report by clicking on the drop-down list below (electronic COC only)
Are samples taken from a Regulated DW System? [ ] YES [ ] NO	
Are samples for human consumption/ use? [ ] YES [ ] NO	

SAMPLE CONDITION AS RECEIVED (lab use only)

Frozen [ ]	SIF Observations	Yes [ ]	No [ ]		
Ice Packs [ ]	Ice Cubes [ ]	Custody seal intact	Yes [ ]	No [ ]	
Cooling Initiated [ ]					
INITIAL COOLER TEMPERATURES °C				FINAL COOLER TEMPERATURES °C	10.4

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:
				SEP 28 23	1200			

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

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JUNE 20' 8 FRONT

1. If any water samples are taken from a Regulated Drinking Water (DW) System, please submit using an Authorized DW COC form.

ALS Environmental

www.alsglobal.com

Chain of Custody (COC) / Analytical Request Form

Canada Toll Free: 1 800 668 9878

Affix ALS barcode label here (lab use only)

COC Number: 17 - 776516

Page / of /

Report To	Contact and company name below will appear on the final report	Report Format / Distribution		Select Service Level Below - Contact your AM to confirm all E&P TATs (surcharges may apply)	
Company:	Crown Indigenous Relations & Northern Affairs	Select Report Format:	PDF EXCEL EDD (DIGITAL)	Regular [R]	Standard TAT if received by 3 pm - business days - no surcharges apply
Contact:	Kyle Ansell	Quality Control (QC) Report with Report	YES NO	PRIORITY (Business Days) 4 day [P4-20%]	EMERGENCY 1 Business day [E - 100%]
Phone:	867-668-3089	Compare Results to Criteria on Report - provide details below if box checked		3 day [P3-25%]	Same Day, Weekend or Statutory holiday [E2 -200% (Laboratory opening fees may apply)]
	Company address below will appear on the final report	Select Distribution:	EMAIL MAIL FAX	2 day [P2-50%]	Date and Time Required for all E&P TATs: dd-mmm-yy hh:mm
Street:	PO Box 972	Email 1 or Fax	Kyle.ansell@rcaanc-cirnac.gc.ca	For tests that can not be performed according to the service level selected, you will be contacted.	
City/Province:	Rankin Inlet NU	Email 2			
Postal Code:	X0C 0G0	Email 3			
Invoice To	Same as Report To YES NO	Invoice Distribution			
	Copy of Invoice with Report YES NO	Select Invoice Distribution:	EMAIL MAIL FAX		
Company:	CIRNAC	Email 1 or Fax			
Contact:	Layli Noble	Email 2	layli.noble@rcaanc-cirnac.gc.ca		

Project Information		Oil and Gas Required Fields (client use)	
ALS Account # / Quote #:		AFE/Cost Center:	PO#
Job #:	24M-MEL1631 MEL-14	Major/Minor Code:	Routing Code:
PO / AFE:		Requisitioner:	
LSD:		Location:	
ALS Lab Work Order # (lab use only):		ALS Contact:	Sampler:

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

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	NUMBER OF CONTAINERS	Metals P	NH3-N F/P	TDS/TSS	Cyanide	Lead	BTEX F1-F4
	MEL-14 Bag #1	27/09/23	0930	Compliance	8	X	X	X	X	X	X
	MEL-14 Bag #2	27/09/23	0930	Compliance	8	X	X	X	X	X	X

SAMPLES ON HOLD

SUSPECTED HAZARD (see Special Instructions)

Environmental Division Winnipeg
Work Order Reference
WP2324841

Telephone : +1 204 255 9720

Drinking Water (DW) Samples[1] (client use)	Special Instructions / Specify Criteria to add on report by clicking on the drop-down list below (electronic COC only)
Are samples taken from a Regulated DW System? YES NO	
Are samples for human consumption/ use? YES NO	

SAMPLE CONDITION AS RECEIVED (lab use only)

Frozen SIF Observations Yes No

Ice Packs Ice Cubes Custody seal intact Yes No

Cooling Initiated

INITIAL COOLER TEMPERATURES °C				FINAL COOLER TEMPERATURES °C			
				10.4			

SHIPMENT RELEASE (client use)			INITIAL SHIPMENT RECEPTION (lab use only)			FINAL SHIPMENT RECEPTION (lab use only)		
Released by:	Date:	Time:	Received by:	Date: 28/09/23	Time: 1200	Received by:	Date:	Time:

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

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JUNE 2018 FRONT

1. If any water samples are taken from a Regulated Drinking Water (DW) System, please submit using an Authorized DW COC form.