Appendix 16: 2021 Reportable Spills

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE
TEL: (867) 920-8130
FAX: (867) 873-6924
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR 01-05-2021	REPORT TIME 08:30	[X] ORIGINAL SPILL REPORT, OR ☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER _____-_____
B	OCCURRENCE DATE: MONTH – DAY – YEAR 01-05-2021	OCCURRENCE TIME 01:30		

C	LAND USE PERMIT NUMBER (IF APPLICABLE) KVPL11D01	WATER LICENCE NUMBER (IF APPLICABLE) 2AM-MEL1631
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION Meliadine Gold Project	REGION ☐ NWT [X] NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN
E	LATITUDE DEGREES 63 MINUTES 2 SECONDS 5	LONGITUDE DEGREES 92 MINUTES 13 SECONDS 18
F	RESPONSIBLE PARTY OR VESSEL NAME Agnico Eagle Mines Ltd.	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION Meliadine, Rankin Inlet, Nunavut, X0C 0G0
G	ANY CONTRACTOR INVOLVED N/A	CONTRACTOR ADDRESS OR OFFICE LOCATION N/A

H	PRODUCT SPILLED Hydraulic Oil	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES 170 L	U.N. NUMBER
	SECOND PRODUCT SPILLED (IF APPLICABLE) N/A	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES N/A	U.N. NUMBER N/A
I	SPILL SOURCE Rock Breaker	SPILL CAUSE Broken Hose	AREA OF CONTAMINATION IN SQUARE METRES 5 m
J	FACTORS AFFECTING SPILL OR RECOVERY None	DESCRIBE ANY ASSISTANCE REQUIRED	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT

K — ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS

A broken hydraulic hose on a rock breaker led to the release of an estimated 170 L of hydraulic oil on Ore Pad 2 (OP2).

No water bodies were impacted by this spill. The nearest natural waterbody (B7) is 780 m away.

A follow-up report will be issued after a closer investigation is completed. Reported by Dan Gorton Environment Coordinator 819-759-3555 ext. 4603996 dan.gorton@agnicoeagle.com.

L	REPORTED TO SPILL LINE BY Dan Gorton	POSITION Env. Coordinator	EMPLOYER AEM	LOCATION CALLING FROM Meliadine	TELEPHONE 819-759-3555
M	ANY ALTERNATE CONTACT Robin Allard	POSITION Env. Gen. Supervisor	EMPLOYER AEM	ALTERNATE CONTACT LOCATION Meliadine	ALTERNATE TELEPHONE 819-860-1414

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC | SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN | FILE STATUS ☐ OPEN ☐ CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			

Follow Up Report: #21-004
January 5, 2021 – 170 L Hydraulic Oil Spill

The following information refers to an incident reported by Agnico Eagle Mines Ltd. January 5, 2021, and is being provided in accordance with:

- the Nunavut Water Board License 2AM-MEL1631 Water License, Part H, item 8c
- the Government of Nunavut's, Environmental Protection Act subsection 5.1(a)

Description of Incident

At approximately 1:30 am on January 5, 2021, a breakage in a section of a hydraulic line on the exterior of the apron feeder building led to the release of approximately 170 L of hydraulic oil. The oil ran down the eastern wall of the building onto the snow below and was confined to a small area allowing for complete recovery of the spill.

The coordinates of this spill are 63° 2'3.57"N, 92°13'24.27"W. No water bodies were impacted by this spill.

Figure 1: Location of the spill on East side of the apron feeder building.

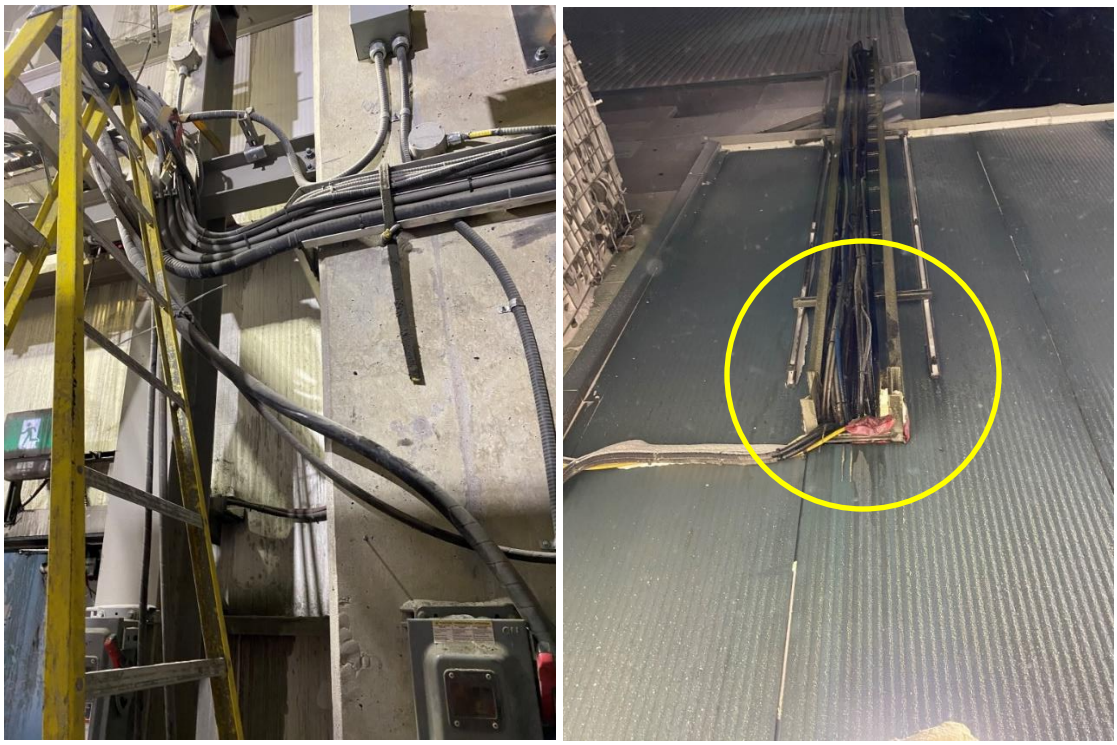

Figure 2: A hydraulic line breakage occurred on the exterior of the building (circled area).

Spill Response & Cleanup

Spill pads were immediately placed on the affected area to contain and catch the oil. The Process Plant Supervisor and Environment Department. organized a clean-up of the area. The area was cleaned up using a loader, bobcat and shovel. All contaminated snow was disposed of in the Landfarm.

Figure 3: Contaminated snow beneath the broken hydraulic line.

Figure 4: With the storage trailer moved away, the contaminated snow was able to be removed.

Cause of Incident and Corrective Measures

The specific cause in this incident is attributed to wear and tear on the hydraulic lines, compounded by the cold temperatures the lines are exposed to. The strong vibrations caused by mechanical equipment inside the building, put additional stress on these lines and fittings. Although these lines are currently insulated and heat-traced to prevent temperature drops in the hydraulic system, a plan is in place to install a heated seacan to contain the hydraulic tanks and keep the overall system warmer. Ridged piping will also be installed over the current lines which will help with insulation and wear and tear.

AGNICO EAGLE

Dan Gorton | Environmental Coordinator
dan.gorton@agnicoeagle.com | Direct 819.759.3555 x4603996 |
Agnico Eagle Mines Limited - Meliadine Mine, Suite 879 - Rankin Inlet, Nunavut, Canada X0C 0G0
agnicoeagle.com
Sent from Meliadine

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE
TEL: (867) 920-8130
FAX: (867) 873-6924
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR **01-19-2021**	REPORT TIME **12:00**	☐ ORIGINAL SPILL REPORT, OR	REPORT NUMBER
B	OCCURRENCE DATE: MONTH – DAY – YEAR **01-18-2021**	OCCURRENCE TIME **13:00**	☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	_____-_____

C	LAND USE PERMIT NUMBER (IF APPLICABLE) **KVPL11D01**	WATER LICENCE NUMBER (IF APPLICABLE) **2AM-MEL1631**
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION **Meliadine Gold Project**	REGION ☐ NWT **X** NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN
E	LATITUDE DEGREES **63** MINUTES **1** SECONDS **53**	LONGITUDE DEGREES **92** MINUTES **13** SECONDS **18**
F	RESPONSIBLE PARTY OR VESSEL NAME **Agnico Eagle Mines Ltd.**	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION **Meliadine, Rankin Inlet, Nunavut, X0C 0G0**
G	ANY CONTRACTOR INVOLVED **Kivalliq Contractors Group Ltd.**	CONTRACTOR ADDRESS OR OFFICE LOCATION **32 Sivulliq Ave. Rankin Inlet X0C 0G0**

H	PRODUCT SPILLED **Contact Water**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **165 M3**	U.N. NUMBER **N/A**
	SECOND PRODUCT SPILLED (IF APPLICABLE) **N/A**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **N/A**	U.N. NUMBER **N/A**
I	SPILL SOURCE **Water transfer line**	SPILL CAUSE **Broken Pipe**	AREA OF CONTAMINATION IN SQUARE METRES **1 000 M2**
J	FACTORS AFFECTING SPILL OR RECOVERY **N/A**	DESCRIBE ANY ASSISTANCE REQUIRED **None**	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT **None**

K — ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS

Equipment was pushing snow in the vicinity of a 16" heat exchange waterline. This action caused the line to break and the water within the line was released. A portion of the water froze on surface, with the remainder migrating below surface. The water from the line does not come in contact with any process of operations and is only used for heat exchange purposes. This report is being issued for due diligence purposes, as the incident is not expected to have an environmental impact.
When the ground thaws during freshet the water will be completely contained in the site catchment area and will not migrate directly off-site.
No water bodies were impacted by this spill. The nearest natural water body (B7) is 550 m away.
A follow-up report with determined quantities will be issued after a closer investigation is completed.

Bethany Hodgins 819-759-3555 ext. 4603996 bethany.hodgins@agnicoeagle.com.

L	REPORTED TO SPILL LINE BY **Bethany Hodgins**	POSITION **Env Technician**	EMPLOYER **AEM**	LOCATION CALLING FROM **Meliadine**	TELEPHONE **8197593555**
M	ANY ALTERNATE CONTACT **Robin Allard**	POSITION **Env GeneralSuperviso**	EMPLOYER **AEM**	ALTERNATE CONTACT LOCATION **Meliadine**	ALTERNATE TELEPHONE **8198601414**

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC | SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN | FILE STATUS ☐ OPEN ☐ CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			

Follow Up Report: #21-016
January 18th 2021,
165 m³ Heat Recovery Water Spill

The following information refers to a spill reported as due diligence, by Agnico Eagle Mines Ltd. January 18th 2020, and is being provided in accordance with:

- the Nunavut Water Board License 2AM-MEL1631 Water License, part H, item 8c
- the Government of Nunavut's, Environmental Protection Act subsection 5.1(a)

Description of Incident:

On January 18th, at approximately 1:00 pm, an estimated 165 m³ of heat recovery water was spilled as water was being conveyed via a 16" heat recovery waterline. Equipment was pushing snow near the heat recovery waterline. This action caused the line to break and the water within the line was released. A portion of the water froze on surface, with the remainder migrating below surface.

The water from the line does **not** come in contact with any process of operations and is only used for heat exchange between buildings.

No water bodies were impacted by this spill. The nearest natural water body (B7) is 550 m away. The coordinates of the spill are 63° 1'47.51"N, 92°13'6.96"W (Figure 1).

Figure 1: Location of spill 165 m³ heat recovery water spill in site catchment, east of WRSF 1.

Spill Response & Cleanup:

No clean-up was required as the water was completely contained in the site catchment area and will migrate to CP1 when thawed. The source of the heat recovery water is the Meliadine Lake freshwater intake, which directs the water through the water treatment plant. Water quality is monitored at this licensed compliance monitoring location, Mel-11. Given the source and containment of the water spill, the incident is not expected to have an environmental impact.

Figure 2: Snow pushed into heat recovery waterline.

Figure 3: Damage to heat recovery waterline.

Figure 4: Heat recovery water flowing from east side of WRSF 1 toward CP-1.

Corrective Measures

The waterline has been disabled until it can be replaced in summer. Energy and Infrastructure (E&I) department will inspect the new line during recommissioning before resuming operations.

AGNICO EAGLE

Dan Gorton | Environmental Coordinator
dan.gorton@agnicoeagle.com | Direct 819.759.3555 x4603996 |
Agnico Eagle Mines Limited - Meliadine Mine, Suite 879 - Rankin Inlet, Nunavut, Canada X0C 0G0
agnicoeagle.com
Sent from Meliadine

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE
TEL: (867) 920-8130
FAX: (867) 873-6924
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR **03-30-2021**	REPORT TIME **12:00**	[X] ORIGINAL SPILL REPORT, OR ☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER ____-____
B	OCCURRENCE DATE: MONTH – DAY – YEAR **03-29-2021**	OCCURRENCE TIME **17:00**		

C	LAND USE PERMIT NUMBER (IF APPLICABLE) **KVPL11D01**	WATER LICENCE NUMBER (IF APPLICABLE) **2BB-MEL-1424**
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION **Meliadine Gold Project**	REGION ☐ NWT [X] NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN
E	LATITUDE DEGREES **63** MINUTES **0** SECONDS **43**	LONGITUDE DEGREES **92** MINUTES **12** SECONDS **06**
F	RESPONSIBLE PARTY OR VESSEL NAME **Agnico Eagle Mines Ltd.**	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION **Meliadine, Rankin Inlet, Nunavut, X0C 0G0**
G	ANY CONTRACTOR INVOLVED **Orbit Garant**	CONTRACTOR ADDRESS OR OFFICE LOCATION **Val d'Or, Quebec**

H	PRODUCT SPILLED **Hydraulic Oil**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **3**	U.N. NUMBER
	SECOND PRODUCT SPILLED (IF APPLICABLE)	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES	U.N. NUMBER
I	SPILL SOURCE **Drill Rig**	SPILL CAUSE **Equipment failure**	AREA OF CONTAMINATION IN SQUARE METRES **2**
J	FACTORS AFFECTING SPILL OR RECOVERY **None**	DESCRIBE ANY ASSISTANCE REQUIRED **N/A**	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT **None**

K — ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS

While completing an environmental compliance inspection on a drill rig (Drill 7) positioned on Lake A8, a worker identified a hydraulic oil spill from a hydraulic connection. Secondary containment failed to contain the oil which migrated to the surface ice of the lake. Absorbent pads were deployed and the spill was contained before it could migrate down the ice.

Pursuant to Part H, Section 4c of the water licence, a follow-up report will be issued after a closer investigation is completed.

Reported by Dan Gorton, Environment Coordinator, 819-759-3555 ext. 4603996
Contact:Robin Allard, Environment General Supervisor 819-759-3555 ext. 4603212
meli.environment.supervisors@agnicoeagle.com

L	REPORTED TO SPILL LINE BY **Dan Gorton**	POSITION **Coordinator**	EMPLOYER **Agnico Eagle**	LOCATION CALLING FROM **Meliadine**	TELEPHONE **819-759-3555**
M	ANY ALTERNATE CONTACT **Robin Allard**	POSITION **General Supervisor**	EMPLOYER **Agnico Eagle**	ALTERNATE CONTACT LOCATION **Meliadine**	ALTERNATE TELEPHONE **819-860-1414**

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC | SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN | FILE STATUS ☐ OPEN ☐ CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE
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FAX: (867) 873-6924
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR **03-30-2021**	REPORT TIME **10:00**	☒ ORIGINAL SPILL REPORT, OR ☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER ____-____
B	OCCURRENCE DATE: MONTH – DAY – YEAR **03-29-2021**	OCCURRENCE TIME **17:00**		

C	LAND USE PERMIT NUMBER (IF APPLICABLE) **KVPL11D01**	WATER LICENCE NUMBER (IF APPLICABLE) **2BB-MEL-1424**
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION **Meliadine Gold Project**	REGION ☐ NWT ☒ NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN
E	LATITUDE DEGREES **63** MINUTES **0** SECONDS **43**	LONGITUDE DEGREES **92** MINUTES **12** SECONDS **23**
F	RESPONSIBLE PARTY OR VESSEL NAME **Agnico Eagle Mines Ltd.**	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION **Meliadine, Rankin Inlet, Nunavut, X0C 0G0**
G	ANY CONTRACTOR INVOLVED **Orbit Garant**	CONTRACTOR ADDRESS OR OFFICE LOCATION **Val d'Or, Quebec**

H	PRODUCT SPILLED **Hydraulic Oil**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **20**	U.N. NUMBER
	SECOND PRODUCT SPILLED (IF APPLICABLE)	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES	U.N. NUMBER
I	SPILL SOURCE **Drill Rig**	SPILL CAUSE **Equipment failure**	AREA OF CONTAMINATION IN SQUARE METRES **5**
J	FACTORS AFFECTING SPILL OR RECOVERY **None**	DESCRIBE ANY ASSISTANCE REQUIRED **N/A**	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT **None**

K — ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS

While completing an environmental compliance inspection on a drill rig (Drill 1) positioned on Lake A8, a worker identified a hydraulic oil spill from a hydraulic line. Secondary containment failed to contain the oil which migrated to the surface ice of the lake. Absorbent pads were deployed and the spill was contained before it could migrate down the ice.

Pursuant to Part H, Section 4c of the water licence, a follow-up report will be issued after a closer investigation is completed.

Reported by Dan Gorton, Environment Coordinator, 819-759-3555 ext. 4603996
Contact:Robin Allard, Environment General Supervisor 819-759-3555 ext. 4603212
meli.environment.supervisors@agnicoeagle.com

L	REPORTED TO SPILL LINE BY **Dan Gorton**	POSITION **Coordinator**	EMPLOYER **Agnico Eagle**	LOCATION CALLING FROM **Meliadine**	TELEPHONE **819-759-3555**
M	ANY ALTERNATE CONTACT **Robin Allard**	POSITION **General Supervisor**	EMPLOYER **Agnico Eagle**	ALTERNATE CONTACT LOCATION **Meliadine**	ALTERNATE TELEPHONE **819-860-1414**

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC | SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN | FILE STATUS ☐ OPEN ☐ CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			

Follow Up Report: #21-109 & 21-110
March 29, 2021,
Oil on Lake A8 – Drill Rigs

The following information refers to two similar spills reported by Agnico Eagle Mines Ltd. on March 30, 2021, and is being provided in accordance with:

- the Nunavut Water Board License 2BB-MEL1424 Water License, part H, item 4c
- the Fisheries Act subsection 38(5)

Description of Incident:

On March 29, at approximately 16:00 Environment Technicians were called to conduct an inspection of the surface drill rigs, operated by contractor Orbit Garant. Two drill rigs were operating on Lake A8 (Figure 1). During the inspection both rigs were found to have areas with small amounts of hydraulic oil dripping from inside the rigs onto the lake ice. Drill #1 was estimated to be approximately 20L (Figure 2), and Drill #7 was estimated to be approximately 3L (Figure 3).

Although the spills occurred on the lake ice, there are no significant or long term impacts to the water body itself. The coordinates of the spills are Drill 1: 63° 0’ 43" N, 92° 12' 23" W and Drill 7: 63° 0’ 43" N, 92° 12' 06" W (Figure 1).

Figure 1: Locations of Drill #1 and Drill #7 on Lake A8 on March 29.

Figure 2: Contaminated snow outside of Drill #1.

Figure 3: Hydraulic oil dripping from hoses outside of Drill #7.

Spill Response & Cleanup:

During the inspection, Environment technicians notified the drillers of the issues. Absorbent pads were placed beneath the drips immediately. The Orbit Garant supervisor was notified and the drills were shut down in order to address the issues. The leaking hose fittings were repaired on each drill, and the contaminated snow/ice was chipped up and disposed of in hazmat bags.

Figure 4: Drill #1 on March 30 after clean up and installation of drip pans and absorbents.

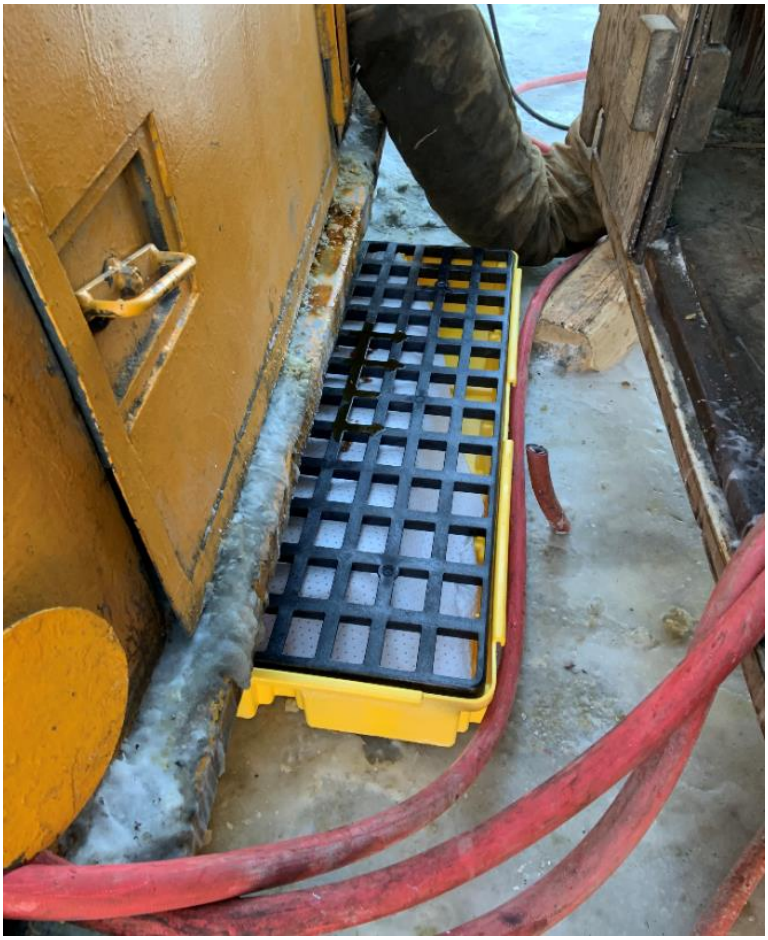

Figure 2: Drill #7 on March 30 after clean up and installation of drip pans and absorbents.

Corrective Measures

The leaking fittings on the exterior hoses were repaired, and drip pans were installed beneath the ledges where oil was leaking from inside the rigs. The Orbit Garant supervisors held meetings with both shifts to discuss the importance of routine, regular inspections of their rigs. Due to the high worker turnover rates of Orbit Garant drillers, supervisors will ensure to reiterate these messages to new workers, and the Environment department will continue conducting regular inspections.

AGNICO EAGLE

Sean Arruda | Environment Coordinator
sean.arruda@agnicoeagle.com | Direct 819.759.3555 x4603996 |
Agnico Eagle Mines Limited - Meliadine Mine, Suite 879 - Rankin Inlet, Nunavut, Canada X0C 0G0
agnicoeagle.com
Sent from Meliadine

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE
TEL: (867) 920-8130
FAX: (867) 873-6924
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR **04-24-2021**	REPORT TIME **13:00**	[X] ORIGINAL SPILL REPORT, OR ☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER _____-_____
B	OCCURRENCE DATE: MONTH – DAY – YEAR **04-23-2021**	OCCURRENCE TIME **15:00**		

C	LAND USE PERMIT NUMBER (IF APPLICABLE) **KVPL11D01**	WATER LICENCE NUMBER (IF APPLICABLE) **2AM-MEL1631**
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION **Meliadine Gold Project**	REGION ☐ NWT [X] NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN
E	LATITUDE DEGREES **63** MINUTES **01** SECONDS **28**	LONGITUDE DEGREES **92** MINUTES **12** SECONDS **31**
F	RESPONSIBLE PARTY OR VESSEL NAME **Agnico Eagle Mines Ltd.**	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION **Meliadine, Rankin Inlet, Nunavut, X0C 0G0**
G	ANY CONTRACTOR INVOLVED **N/A**	CONTRACTOR ADDRESS OR OFFICE LOCATION **N/A**

H	PRODUCT SPILLED **Hydraulic Oil**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **150 LITERS**	U.N. NUMBER
	SECOND PRODUCT SPILLED (IF APPLICABLE) **N/A**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **N/A**	U.N. NUMBER **N/A**
I	SPILL SOURCE **Haul truck**	SPILL CAUSE **Ruptured hose**	AREA OF CONTAMINATION IN SQUARE METRES **3 m**
J	FACTORS AFFECTING SPILL OR RECOVERY **None**	DESCRIBE ANY ASSISTANCE REQUIRED	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT

K — ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS

A hydraulic hose ruptured on a haul truck. Hydraulic oil was lost from WRSF1 to TIRI01. Once the spill was noticed the haul truck was immediately turned off, spill pads and a secondary containment were deployed and environment was notified.
No water bodies were impacted by this spill. The nearest natural waterbody (B7) is 540 m away.

Pursuant to Part H, Section 8c of the water license, a follow-up report will be issued after a closer investigation is completed

Reported by Randy Schwandt, Environmental Technician, 819-759-3555 ext. 4603925

L	REPORTED TO SPILL LINE BY **Randy Schwandt**	POSITION **Env. Technican**	EMPLOYER **AEM**	LOCATION CALLING FROM **Meliadine**	TELEPHONE **819-759-3555**
M	ANY ALTERNATE CONTACT **Robin Allard**	POSITION **Env.Gen. Supervisor**	EMPLOYER **AEM**	ALTERNATE CONTACT LOCATION **Meliadine**	ALTERNATE TELEPHONE **819-860-1414**

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC | SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN | FILE STATUS ☐ OPEN ☐ CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			

Follow Up Report: #21-132
April 23, 2021 – 150 L Hydraulic Oil Spill

The following information refers to an incident reported by Agnico Eagle Mines Ltd. on April 24, 2021, and is being provided in accordance with:

- the Nunavut Water Board License 2AM-MEL1631 Water License, Part H, item 8c
- the Government of Nunavut's, Environmental Protection Act subsection 5.1(a)

Description of Incident

At approximately 15:00 am on April 23, 2021, a hydraulic line ruptured underneath a haul truck leading to the release of approximately 150 L of hydraulic oil. The oil leaked from WRSF1 to TIRI01. The contaminated material was completely recovered and brought to the Meliadine Type A Landfarm.

The coordinates of this spill are 63° 1'28"N, 92°12'31 "W. No water bodies were impacted by this spill.

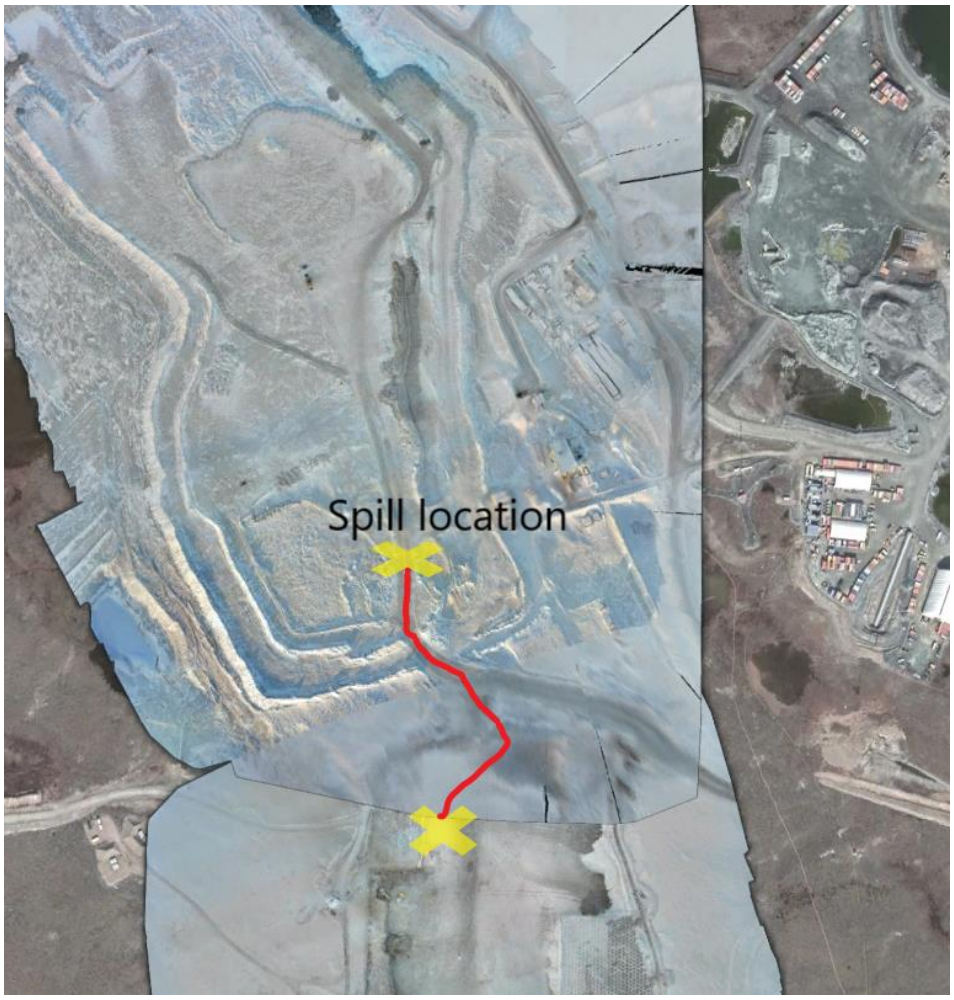

Figure 1: Location of the spill on WRSF1 to TIRI01.

Figure 2: A hydraulic line ruptured on a haul truck and oil leaked between TIRI1 and WRSF1.

Spill Response & Cleanup

The vehicle was shut down as soon as the driver was notified that a leak was observed. Absorbent spill pads and drip pans were placed beneath the parked vehicle to prevent oil from continuing to leak onto the road. The Pit Operations and Environment Department organized a clean-up of the area which involved using a grader and loader to scrape up the material along the entire oil trail. All contaminated material was transferred to the Landfarm A for remediation.

Figure 3: Contaminated material transferred to Landfarm A.

Cause of Incident and Corrective Measures

The specific cause in this incident is attributed to wear and tear on the hydraulic lines, compounded by the cold temperatures the lines are exposed to and the vibrations caused by rocky roads in this area. Regular preventive maintenance is performed on all haul trucks and workers perform daily vehicle inspections. In this case, the hydraulic line was repaired and the truck was put back into service.

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE
TEL: (867) 920-8130
FAX: (867) 873-6924
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR **05-13-2021**	REPORT TIME **10:30**	[X] ORIGINAL SPILL REPORT, OR [ ] UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER ____-_____
B	OCCURRENCE DATE: MONTH – DAY – YEAR **05-13-2021**	OCCURRENCE TIME **06:00**		

C	LAND USE PERMIT NUMBER (IF APPLICABLE) **KVPL11D01**	WATER LICENCE NUMBER (IF APPLICABLE) **2AM-MEL1631**
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION **Meliadine Gold Project**	REGION [ ] NWT [X] NUNAVUT [ ] ADJACENT JURISDICTION OR OCEAN
E	LATITUDE DEGREES **63** MINUTES **02** SECONDS **24**	LONGITUDE DEGREES **92** MINUTES **13** SECONDS **40**
F	RESPONSIBLE PARTY OR VESSEL NAME **Agnico Eagle Mines Ltd.**	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION **Meliadine, Rankin Inlet, Nunavut, X0C 0G0**
G	ANY CONTRACTOR INVOLVED **N/A**	CONTRACTOR ADDRESS OR OFFICE LOCATION **N/A**

H	PRODUCT SPILLED **Sewage Water**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **80 m3**	U.N. NUMBER
	SECOND PRODUCT SPILLED (IF APPLICABLE) **N/A**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **N/A**	U.N. NUMBER **N/A**
I	SPILL SOURCE **Camp Lift Station**	SPILL CAUSE **Pipe Failure**	AREA OF CONTAMINATION IN SQUARE METRES **TBD**
J	FACTORS AFFECTING SPILL OR RECOVERY **Access beneath camp**	DESCRIBE ANY ASSISTANCE REQUIRED **N/A**	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT **N/A**

K — ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS

Report amended to add approximate spilled product quantity in m3.
****
A broken pipe within the main camp lift station led to the release of raw sewage water. The water flowed from inside the lift station, underneath the camp, and downstream towards the MSB. Sand and soil was deposited to absorb ponding water and stop further downstream flow. An investigation is underway to determine an approximate quantity and root cause of the incident.
No water bodies were impacted by this spill.
Pursuant to Part H, Section 8c of the water license, a follow-up report will be issued after an investigation is completed.
Reported by Sean Arruda, Environment Coordinator, 819-759-3555 ext. 4603996
Amended by Sara Savoie, RMMS&Compliance Coordinator, 819-759-3555 ext. 4608142

L	REPORTED TO SPILL LINE BY **Sean Arruda**	POSITION **Env. Coordinator**	EMPLOYER **AEM**	LOCATION CALLING FROM **Meliadine**	TELEPHONE **819-759-3555**
M	ANY ALTERNATE CONTACT **Robin Allard**	POSITION **Env.Gen. Supervisor**	EMPLOYER **AEM**	ALTERNATE CONTACT LOCATION **Meliadine**	ALTERNATE TELEPHONE **819-860-1414**

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY [ ] EC [ ] CCG [ ] GNWT [ ] GN [ ] ILA [ ] INAC [ ] NEB [ ] TC

SIGNIFICANCE [ ] MINOR [ ] MAJOR [ ] UNKNOWN

FILE STATUS [ ] OPEN [ ] CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			

Follow Up Report: #21-175
May 13, 2021 – 80 m^3 Sewage Water

The following information refers to an incident reported by Agnico Eagle Mines Ltd. on May 13, 2021, and is being provided in accordance with:

- the Nunavut Water Board License 2AM-MEL1631 Water License, Part H, item 8c
- the Government of Nunavut's, Environmental Protection Act subsection 5.1(a)

Description of Incident

At approximately 05:15 am on May 13, 2021, the operator of the sewage treatment plant (STP) arrived to low level alarms in the EQ tank. The supervisor was then notified of a discrepancy with the amount of water consumed not matching the raw water received for the past 12 hours, suggesting that there may have been a breakage in the line somewhere. The lift station of the main camp was then inspected and upon arrival the access door was found open. With night temperatures dropping below zero, this likely led to freezing within the pipe/Y joint and eventually failure of the joint.

The initial spill report stated that the volume released was to be determined. Upon further assessments and reviews, it was determined that 80 m^3 of raw water was unaccounted for.

The coordinates of this spill source (lift station) are 63° 2'24"N, 92°13'40"W. No water bodies were impacted by this spill. All water released was contained within the industrial pad.

Figure 1: Location of the lift station and affected area in relation to the main camp.

Figure 2: Cracked and leaking pipe joint inside the lift station.

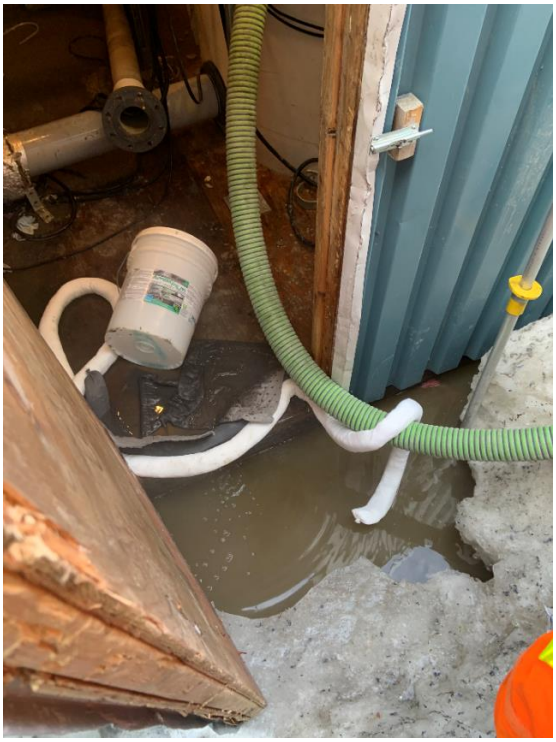

Figure 3: Entrance door of the lift station and water pooling directly outside.

Figure 4: Water pooling on south side of the main camp.

Spill Response & Cleanup

As soon as the issue was discovered, all water throughout the camp and the Multi Servce Building (MSB) was shut off. Crews began using the sucker truck to pump water out of the lift station, as well as any product that was pooling outside the lift station. A temporary containment berm was built downstream of the flow to contain the spill and prevent further migration. Peat material was placed on top of the pooling water on the south side of the camp to absorb it and prevent further downstream flow. All pooled water that was recovered from the ground was discharged back into the water treatment system. The sand and soil used to contain the water was later removed, placed in the WRSF and encapsulated in waste rock.

Figure 5: The sucker truck was utilized to empty the lift station holding tank and to collect pooling water outside of the lift station.

Figure 6: Clean peat/soil was used to absorb pooling water, and a temporary berm construction to mitigate downstream flow.

Cause of Incident and Corrective Measures

The incident occurred as a result of the access door of the lift station being left open overnight. It is unknown whether it was left open accidentally, or if it was blown open by the wind, but the locking mechanism and door did not appear to operate properly. This led to the freezing and cracking of a pipe due to overnight temperatures below zero. The cracked pipe was replaced the same day and the systems were restored. Repairs are scheduled for the door and locking mechanism to allow it to close fully and lock more securely from the outside. A low temperature alarm is planned to be installed inside the lift station, and other sensors and alarms are being considered (pressure sensors, moisture alarm on the floor, etc.). A full inspection of all exterior drainage systems throughout the MSB and camp is planned to be completed this summer.

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE
TEL: (867) 920-8130
FAX: (867) 873-6924
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR **06-01-2021**	REPORT TIME	☒ ORIGINAL SPILL REPORT, OR ☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER ____-_____
B	OCCURRENCE DATE: MONTH – DAY – YEAR **05-31-2021**	OCCURRENCE TIME **15:00**		

C	LAND USE PERMIT NUMBER (IF APPLICABLE) **KVPL11D01**	WATER LICENCE NUMBER (IF APPLICABLE) **2BB-MEL-1424**
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION **Meliadine Gold Project**	REGION ☐ NWT ☒ NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN
E	LATITUDE DEGREES **63** MINUTES **1** SECONDS **30**	LONGITUDE DEGREES **92** MINUTES **14** SECONDS **39**
F	RESPONSIBLE PARTY OR VESSEL NAME **Agnico Eagle Mines Ltd.**	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION **Meliadine, Rankin Inlet, Nunavut, X0C 0G0**
G	ANY CONTRACTOR INVOLVED **Orbit Garant**	CONTRACTOR ADDRESS OR OFFICE LOCATION **Val d'Or, Quebec**

H	PRODUCT SPILLED **Hydraulic Oil**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **??**	U.N. NUMBER
	SECOND PRODUCT SPILLED (IF APPLICABLE) **??**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **??**	U.N. NUMBER
I	SPILL SOURCE **Drill Rig**	SPILL CAUSE **Runoff in contact with drill**	AREA OF CONTAMINATION IN SQUARE METRES **50**
J	FACTORS AFFECTING SPILL OR RECOVERY **Surface Runoff**	DESCRIBE ANY ASSISTANCE REQUIRED **N/A**	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT **None**

K — ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS

During an exploratory drilling campaign near local lake B5, workers noticed an oil sheen on the surface runoff surrounding the drill. Absorbent pads and booms were set up to capture surface hydrocarbons, and drilling has been stopped until further measures can be taken to mitigate contamination of the environment.

Pursuant to Part H, Section 4c of the water licence, a follow-up report will be issued after a closer investigation is completed.

Reported by Sean Arruda, Environment Coordinator, 819-759-3555 ext. 4603996
Contact:Robin Allard, Environment General Supervisor 819-860-1414
meli.environment.supervisors@agnicoeagle.com

L	REPORTED TO SPILL LINE BY **Sean Arruda**	POSITION **Coordinator**	EMPLOYER **Agnico Eagle**	LOCATION CALLING FROM **Meliadine**	TELEPHONE **819-759-3555**
M	ANY ALTERNATE CONTACT **Robin Allard**	POSITION **General Supervisor**	EMPLOYER **Agnico Eagle**	ALTERNATE CONTACT LOCATION **Meliadine**	ALTERNATE TELEPHONE **819-860-1414**

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC | SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN | FILE STATUS ☐ OPEN ☐ CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			

Follow Up Report: #21-217
May 31st, 2021 – 5 L Hydraulic Oil Spill

The following information refers to an incident reported by Agnico Eagle Mines Ltd. on June 1st, 2021, and is being provided in accordance with:

- the Nunavut Water Board License 2BB-MEL1424 Water License, part H, item 4c
- the Fisheries Act subsection 38(5)

Description of Incident

During an exploratory drilling campaign near local lake B5, workers noticed a hydrocarbons sheen on the surface runoff surrounding the drill. The drill was set up approximately 39m from the ordinary high water mark of the lake, in a low-lying area prior to freshet, which later encountered substantial surface runoff as temperatures warmed. Hydrocarbon residues on the components and surfaces of the drill equipment were being washed off by the freshet runoff towards B5 lake. The spill volume was approximated at 5 L.

The coordinates of this spill are 63° 1'30"N, 92°14'39 "W.

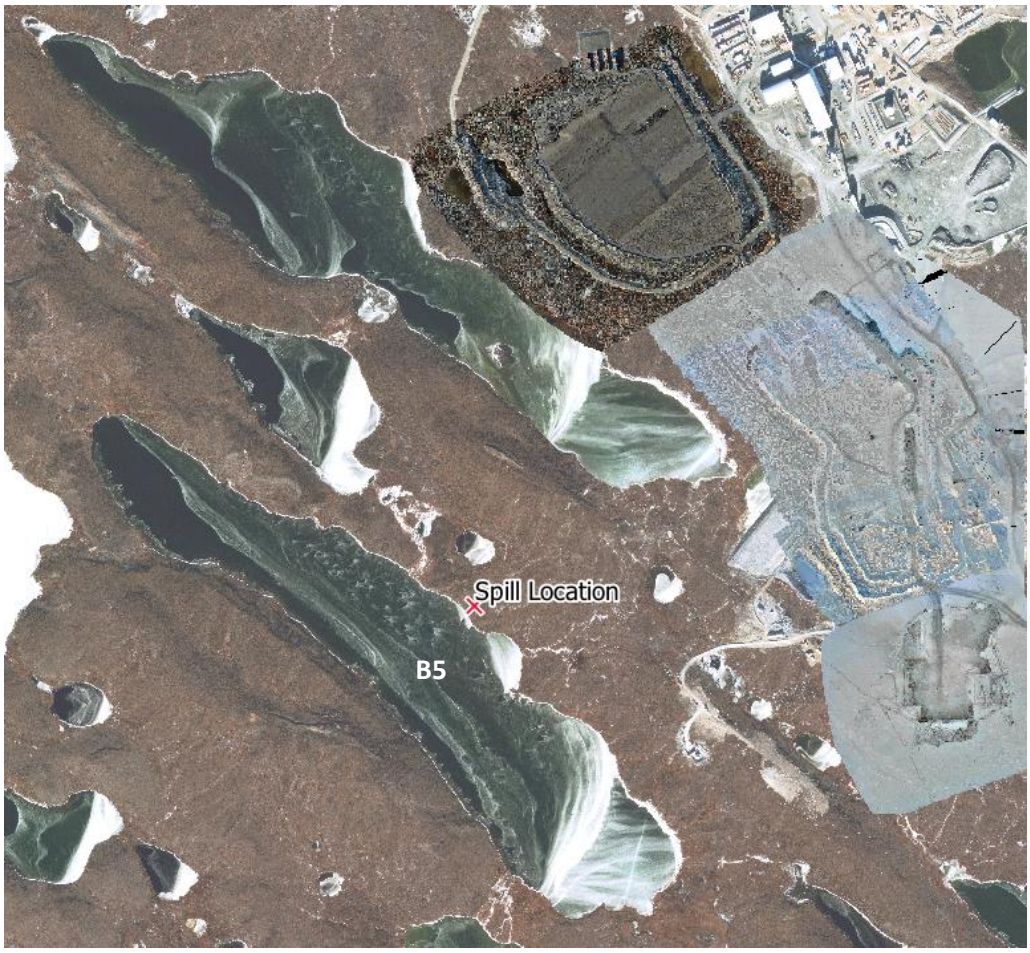

Figure 1: Location of the spill near B5 lake.

Figure 2: Hydrocarbons sheen on the surface of water by the drill

Figure 3: Observed hydrocarbons sheen flow path between drill and B5 Lake.

Spill Response & Cleanup

The drill was shut down on May 31st to address the issue and materials such as fuel tanks, hoses and other equipment which may present hydrocarbon contaminated surfaces were moved to higher ground away from freshet runoff. Absorbent pads and booms were put in place to capture the hydrocarbons at the surface of water. The contaminated absorbent materials were recovered into Quatrex hazmat bags.

Figure 4: Absorbent pads and booms were deployed to capture the hydrocarbons at the surface of water.

Cause of Incident and Corrective Measures

The specific cause in this incident is attributed to the selection of the location and timing for drilling (in relation to freshet onset). In this case and as previously mentioned, the drill was shut down and materials such as fuel tanks, hoses and other equipment which may contain hydrocarbons contaminated surfaces were moved to higher ground away from freshet runoff. The Environment department will continue conducting regular inspections. Orbit Garant supervisors will ensure to reiterate the importance of inspections of their rigs to their workers to prevent any environmental incident. The procedure for drilling just prior and during freshet is being modified to ensure that drills are not operational during this period where large freshet inflows can be problematic.

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE
TEL: (867) 920-8130
FAX: (867) 873-6924
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR **06-18-2021**	REPORT TIME **17:00**	[X] ORIGINAL SPILL REPORT, OR ☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER ____-____
B	OCCURRENCE DATE: MONTH – DAY – YEAR **06-03-2021**	OCCURRENCE TIME **16:00**		
C	LAND USE PERMIT NUMBER (IF APPLICABLE) **KVPL11D01**	WATER LICENCE NUMBER (IF APPLICABLE) **2AM-MEL1631**		
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION **Meliadine Gold Project**	REGION ☐ NWT [X] NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN		
E	LATITUDE DEGREES **62** MINUTES **48** SECONDS **11**	LONGITUDE DEGREES **92** MINUTES **6** SECONDS **24**		
F	RESPONSIBLE PARTY OR VESSEL NAME **Agnico Eagle Mines Ltd.**	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION **Meliadine, Rankin Inlet, Nunavut, X0C 0G0**		
G	ANY CONTRACTOR INVOLVED **None**	CONTRACTOR ADDRESS OR OFFICE LOCATION		
H	PRODUCT SPILLED **Suspended Solids (TSS)**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **120 mg/L**	U.N. NUMBER **NA**	
	SECOND PRODUCT SPILLED (IF APPLICABLE) **None**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES	U.N. NUMBER **NA**	
I	SPILL SOURCE **Snow melt containing sediment**	SPILL CAUSE **Freshet**	AREA OF CONTAMINATION IN SQUARE METRES **NA**	
J	FACTORS AFFECTING SPILL OR RECOVERY **NA**	DESCRIBE ANY ASSISTANCE REQUIRED **NA**	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT **None**	

K — ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS

While conducting a routine inspection on June 3rd, 2021, surface runoff water was observed at sampling station MEL-SR14 located on the southwest side of the Bypass Road. Samples were collected for laboratory analysis to assess the TSS concentration and other water quality parameters. Laboratory results were received on June 17th and TSS concentration exceeded the criteria of 100 mg/L, as per the obligations under the Nunavut Water Board License 2AM-MEL1631, Part D, item 18.

Given the low flow of the runoff and the closest water body being 125 m away, the runoff did not reach any water body. A follow-up report will be provided after a closer investigation is completed.

Reported by Anne-Laurence Paquet, RMMS & Compliance Technician 819-759-3555
Contact: Robin Allard, Environment General Supervisor 819-860-1414

L	REPORTED TO SPILL LINE BY **Anne-L. Paquet**	POSITION **Compliance Tech**	EMPLOYER **Agnico Eagle**	LOCATION CALLING FROM **Meliadine**	TELEPHONE **819-759-3555**
M	ANY ALTERNATE CONTACT **Robin Allard**	POSITION **General Supervisor**	EMPLOYER **Agnico Eagle**	ALTERNATE CONTACT LOCATION **Meliadine**	ALTERNATE TELEPHONE **819-860-1414**

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC | SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN | FILE STATUS ☐ OPEN ☐ CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			

Follow Up Report: #21-251
June 3, 2021 – MEL-SR14 Surface Water Runoff

The following information refers to an incident reported by Agnico Eagle Mines Ltd. on June 3, 2021, and is being provided in accordance with:

- the Nunavut Water Board License 2AM-MEL1631 Water License, Part H, item 8c
- the Government of Nunavut's, Environmental Protection Act subsection 5.1(a)

Description of Incident:

While conducting a routine inspection on June 3rd, 2021, surface runoff water was observed at sampling station MEL-SR14 located on the southwest side of the Bypass Road. Samples were collected for laboratory analysis to assess the Total Suspended Solids (TSS) concentration and other water quality parameters. Laboratory results were received on June 17th and a concentration of 120 mg/L TSS was measured. This exceeded the criteria of 100 mg/L TSS, as per the obligations under the Nunavut Water Board License 2AM-MEL1631, Part D, item 18.

The sampling location is referred to as MEL-SR14 (62° 48' 11" N, 92° 6' 24" W) and in shown in Figure 1. Given the low flow of the runoff and the closest water body being 125 m away, the runoff did not reach any water body.

Figure 1: Sample location MEL-SR14, southwest of the Bypass Road

Exceedance probable root cause

Sampling station MEL-SR14 is located at the downstream exit of a culvert on the Bypass Road which allows the runoff coming from the north-east side of the road to flow to the south-west side.

The Environment Technician who carried out the sampling on June 3, 2021 made the following observations:

- The water flowing at MEL-SR14 did not appear turbid, it was very clear;
- Very little TSS was observed in the water (sand or clay particles);
- The flow at the MEL-SR14 sampling station was minimal at the time of sampling, so the sample had to be collected with the sampling bottles very close to the ground (tundra), downstream of the culvert.

Hence, it is possible the sampling method caused TSS entrainment in the sample, by collecting particles from the ground in the sampling bottles.

MEL-SR14 is being closely monitored during routine inspections to make sure to minimize TSS reaching Melvin Bay. It was sampled again on June 8 and June 17, 2021. Results showed TSS concentrations of 78 mg/L and 2 mg/L, respectively. Certificate of analysis for the June 3, June 8 and June 17 sampling events are attached in appendix.

Corrective Measures

As previously mentioned, MEL-SR14 and other MEL-SR stations are being closely monitored for TSS and mitigations measures are put in place as needed (such as straw logs installations).

The sampling procedure for MEL-SR stations and related Management Plans were also reviewed by the Environment Team to make sure sampling collection procedures were well understood and are carried out adequately. The Environment Team is currently evaluating how the sampling procedure could be adapted to sample low flow runoff to prevent TSS entrainment from the tundra in the sampling bottles.

AGNICO EAGLE

Sean Arruda | Environment Coordinator
sean.arruda@agnicoeagle.com | Direct 819.759.3555 x4603996 |
Agnico Eagle Mines Limited - Meliadine Mine, Suite 879 - Rankin Inlet, Nunavut, Canada X0C 0G0
agnicoeagle.com
Sent from Meliadine

Appendix A – Certificates of Analysis

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE
TEL: (867) 920-8130
FAX: (867) 873-6924
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR **06-05-2021**	REPORT TIME **07:00**	☒ ORIGINAL SPILL REPORT, OR ☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER ____-_____
B	OCCURRENCE DATE: MONTH – DAY – YEAR **06-04-2021**	OCCURRENCE TIME **08:00**		

C	LAND USE PERMIT NUMBER (IF APPLICABLE) **KVPL11D01**	WATER LICENCE NUMBER (IF APPLICABLE) **2BB-MEL1424**
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION **Meliadine Gold Project**	REGION ☐ NWT ☒ NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN
E	LATITUDE DEGREES **63** MINUTES **1** SECONDS **42**	LONGITUDE DEGREES **92** MINUTES **10** SECONDS **15**
F	RESPONSIBLE PARTY OR VESSEL NAME **Agnico Eagle Mines Ltd.**	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION **Meliadine, Rankin Inlet, Nunavut, X0C 0G0**
G	ANY CONTRACTOR INVOLVED	CONTRACTOR ADDRESS OR OFFICE LOCATION

H	PRODUCT SPILLED **Diesel**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **250**	U.N. NUMBER **1202**
	SECOND PRODUCT SPILLED (IF APPLICABLE)	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES	U.N. NUMBER

I	SPILL SOURCE **Fuel Tank**	SPILL CAUSE **Fuel line failure**	AREA OF CONTAMINATION IN SQUARE METRES **Unknown**
J	FACTORS AFFECTING SPILL OR RECOVERY **Infrastructure**	DESCRIBE ANY ASSISTANCE REQUIRED **N/A**	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT **None**

K — ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS

On the morning of June 4, workers noticed the smell of fuel in the exploration camp core shack. A fuel line from an exterior fuel tank cracked, releasing an estimated 250L of fuel. Some fuel flowed away from the building onto the gravel driveway area, while much of it migrated beneath the building. No water bodies were impacted by this spill.

Pursuant to Part H, Section 4c of the water licence, a follow-up report will be issued after a closer investigation is completed.

Reported by Sean Arruda, Environment Coordinator, 819-759-3555 ext. 4603996
Contact:Robin Allard, Environment General Supervisor 819-860-1414
meli.environment.supervisors@agnicoeagle.com

L	REPORTED TO SPILL LINE BY **Sean Arruda**	POSITION **Coordinator**	EMPLOYER **Agnico Eagle**	LOCATION CALLING FROM **Meliadine**	TELEPHONE **819-759-3555**
M	ANY ALTERNATE CONTACT **Robin Allard**	POSITION **General Supervisor**	EMPLOYER **Agnico Eagle**	ALTERNATE CONTACT LOCATION **Meliadine**	ALTERNATE TELEPHONE **819-860-1414**

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC | SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN | FILE STATUS ☐ OPEN ☐ CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			

Follow Up Report: #21-234
June 4, 2021 – 250 L Diesel Fuel Spill

The following information refers to an incident reported by Agnico Eagle Mines Ltd. on June 5, 2021, and is being provided in accordance with:

- the Nunavut Water Board License 2BB-MEL1424 Water License, part H, item 4c
- the Government of Nunavut's, Environmental Protection Act subsection 5.1(a)

Description of Incident:

On the morning of June 4th, workers noticed the smell of fuel in the exploration camp core shack. A fuel line from an exterior above-ground heating fuel tank had cracked, releasing an estimated 250 L of fuel. Most the fuel migrated under the building, while some of it flowed away from the building onto the gravel driveway area.

The supply copper line to a furnace located approximately 10 m away cracked, likely due to the cold conditions and the presence of water in the line.

The coordinates of the spills are: 63° 1' 42" N, 92° 10' 15" W. No water bodies were impacted by this spill.

Figure 1: Location of the 250 L Diesel Spill

Figure 2: The exterior fuel tank and damaged fuel line which led to the spill.

Figure 3: Initial extent of the contaminated areas inside the decantation room, and into the parking area.

Spill Response & Cleanup:

An estimated 20L of fuel began to migrate away from the building and into the parking area. Absorbent pads were used to collect the contaminated standing liquid and were disposed of into Quatrex hazmat bags. A trench was dug to mitigate further migration of the spill.

Figure 4: Trench dug to restrict potential flow further down slope.

The decantation room inside the building contains a down slope sump, which began to fill with diesel. A submersible pump was used to periodically pump the diesel and contaminated water into a tote. The entire decantation room was dismantled and cleared of material so that the subfloor could be inspected more thoroughly.

Figure 5: Decantation room cleared of all materials, and the down slope sump actively being pumped of standing diesel.

Floorboards were removed, revealing a significant amount of ice and diesel contaminated floor joists. A heater was used in order to speed up the melting process so that floor joints could be removed. The ice was left to melt and the contaminated water was pumped into totes which will be shipped south as hazmat.

Figure 6: Removal of floorboards, joists, and final recovery of contaminated liquid.

Corrective Measures

The remaining fuel in the tank was pumped out and the tank was disconnected from the building. An identical tank on an adjacent building was inspected to ensure the fuel line was in a safe condition. The contaminated wood was removed and disposed of as hazmat, and the water was treated through the oil/water separator.

AGNICO EAGLE

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A	REPORT DATE: MONTH – DAY – YEAR **06-06-2021**	REPORT TIME **07:00**	[X] ORIGINAL SPILL REPORT, OR ☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER ____-____
B	OCCURRENCE DATE: MONTH – DAY – YEAR **06-05-2021**	OCCURRENCE TIME **11:00**		

C	LAND USE PERMIT NUMBER (IF APPLICABLE) **KVPL11D01**	WATER LICENCE NUMBER (IF APPLICABLE) **2AM-MEL1631**
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION **Meliadine Gold Project**	REGION ☐ NWT [X] NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN
E	LATITUDE DEGREES **63** MINUTES **02** SECONDS **22**	LONGITUDE DEGREES **92** MINUTES **13** SECONDS **52**
F	RESPONSIBLE PARTY OR VESSEL NAME **Agnico Eagle Mines Ltd.**	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION **Meliadine, Rankin Inlet, Nunavut, X0C 0G0**
G	ANY CONTRACTOR INVOLVED **N/A**	CONTRACTOR ADDRESS OR OFFICE LOCATION **N/A**

H	PRODUCT SPILLED **Black water**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **Unknown**	U.N. NUMBER **N/A**
	SECOND PRODUCT SPILLED (IF APPLICABLE) **Grey Water**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **Unknown**	U.N. NUMBER **N/A**
I	SPILL SOURCE **Wing 12 Bathroom Drainage**	SPILL CAUSE **Broken Pipe**	AREA OF CONTAMINATION IN SQUARE METRES **5**
J	FACTORS AFFECTING SPILL OR RECOVERY **None**	DESCRIBE ANY ASSISTANCE REQUIRED **None**	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT **None**

K — ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS

Weight from accumulated snow beneath the camp caused a bathroom drainage pipe to break spilling its contents to ground on the industrial pad at the main camp. No water bodies were impacted, the spill area was contained within the industrial pad.

Pursuant to Part H, Section 8c of the water license, a follow-up report will be issued after a closer investigation is completed.

Reported by Sean Arruda, Environmental Coordinator, 819-759-3555 ext. 4603996

L	REPORTED TO SPILL LINE BY **Sean Arruda**	POSITION **Env. Coordinator**	EMPLOYER **AEM**	LOCATION CALLING FROM **Meliadine**	TELEPHONE **819-759-3555**
M	ANY ALTERNATE CONTACT **Robin Allard**	POSITION **Env.Gen. Supervisor**	EMPLOYER **AEM**	ALTERNATE CONTACT LOCATION **Meliadine**	ALTERNATE TELEPHONE **819-860-1414**

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC

SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN

FILE STATUS ☐ OPEN ☐ CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			

Follow Up Report: #21-236
June 5, 2021 – 3500 L Wing 12 Drain Pipe

The following information refers to an incident reported by Agnico Eagle Mines Ltd. on June 6, 2021, and is being provided in accordance with:

- the Nunavut Water Board License 2AM-MEL1631 Water License, Part H, item 8c
- the Government of Nunavut's, Environmental Protection Act subsection 5.1(a)

Description of Incident:

On June 5, workers conducting a regular inspection of the camp exterior found that a drainage pipe had separated from the building due to the weight of thawing snow. The pipe flows directly between the bathroom drains of the dorm wing 12, and delivers drain water to the exterior pump/lift station of the wing. Greywater and blackwater from the showers, sinks, and toilets, was released onto the gravel pad beneath the wing. An estimated 3,500L of water would have been released.

A follow-up investigation revealed that the pipe hangers on this wing were only temporary, and were never replaced when the wing was installed the previous year. The temporary hangers were unable to support the additional weight of the thawing snow, which led to the breakage.

The coordinates of the spills area: 63° 2' 22" N, 92° 13' 52" W. No water bodies were impacted by this spill.

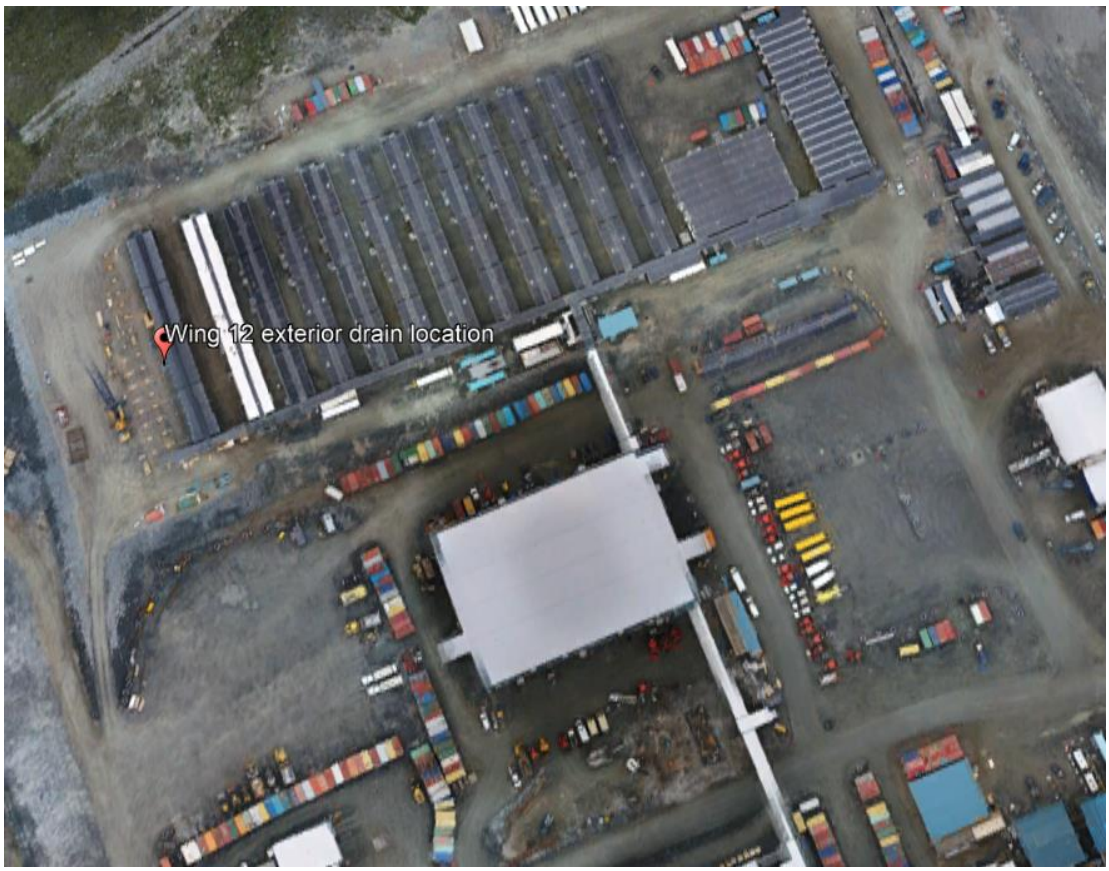

Figure 1: Location of the exterior drainage pipe where the spill occurred.

Figure 2: Drainpipe on the exterior of Wing 12 that separated from the building due to the weight of snow.

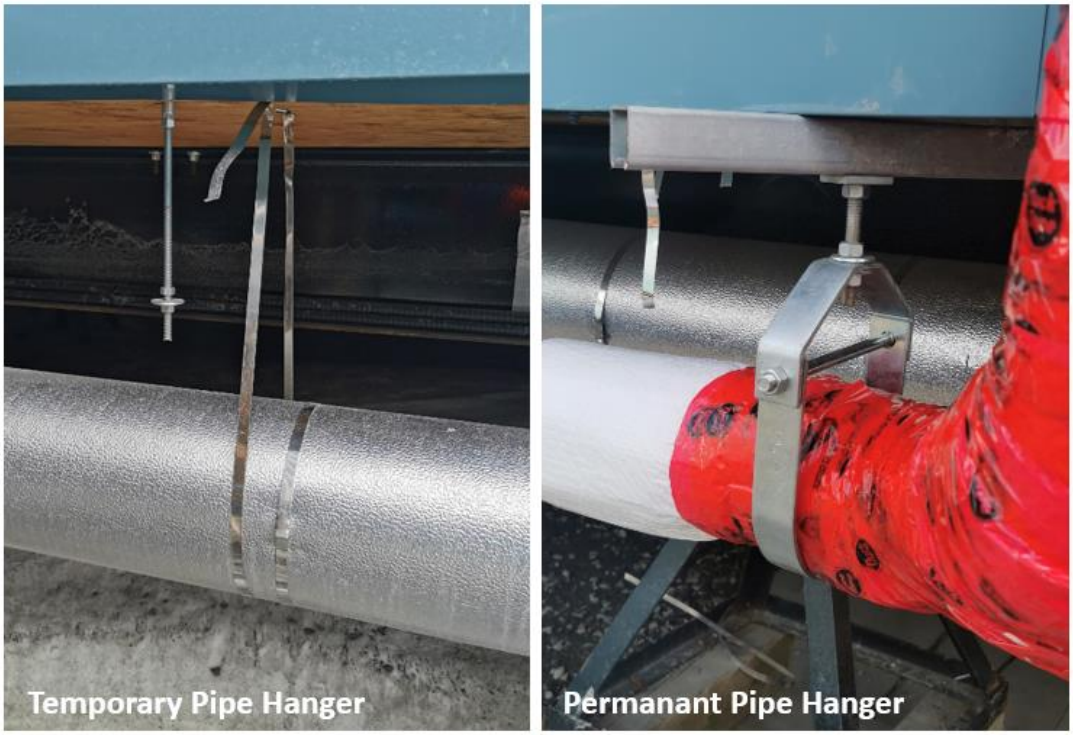

Figure 3: Example of the temporary pipe hanger that was in place prior to the spill, versus the permanent pipe hanger that is now installed.

Spill Response & Cleanup:

The initial action was to close out the usage of the Wing 12 bathrooms so until the pipe could be fixed, in order to prevent any more water from being released. The sucker truck was used to recover as much standing liquid and debris from the ground as possible, which was deposited back into the lift station of the main camp to be treated through the Sewage Treatment Plant. The snow was removed from the area in order to better assess and repair the damage.

Figure 4: Clean up of the area and reinstallation of the drainpipe with heat trace and insulation.

Corrective Measures

The piping was replaced and installed with heavy-duty pipe hangers, heat trace cables and insulation. All of the hangers on the remaining wings were inspected and they were all the correct heavy-duty type. An external consultant is also being considered to conduct an in-depth audit of the greywater/blackwater drainage and pumping systems throughout the mine site. Other long-term plans are being discussed, such as acquiring smaller equipment to be used specifically for snow removal between wings.

AGNICO EAGLE

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REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR **06-30-2021**	REPORT TIME **10:30**	[X] ORIGINAL SPILL REPORT, OR ☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER ____-____
B	OCCURRENCE DATE: MONTH – DAY – YEAR **06-29-2021**	OCCURRENCE TIME **15:00**		

C	LAND USE PERMIT NUMBER (IF APPLICABLE) **KVPL11D01**	WATER LICENCE NUMBER (IF APPLICABLE) **2AM-MEL1631**
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION **Meliadine Gold Project**	REGION ☐ NWT [X] NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN
E	LATITUDE DEGREES **63** MINUTES **02** SECONDS **17**	LONGITUDE DEGREES **92** MINUTES **13** SECONDS **35**
F	RESPONSIBLE PARTY OR VESSEL NAME **Agnico Eagle Mines Ltd.**	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION **Meliadine, Rankin Inlet, Nunavut, X0C 0G0**
G	ANY CONTRACTOR INVOLVED **N/A**	CONTRACTOR ADDRESS OR OFFICE LOCATION **N/A**

H	PRODUCT SPILLED **Heat Recovery Water**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **8 cubic meters**	U.N. NUMBER **N/A**
	SECOND PRODUCT SPILLED (IF APPLICABLE) **N/A**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **N/A**	U.N. NUMBER **N/A**
I	SPILL SOURCE **Corridor Heat Recovery Line**	SPILL CAUSE **Failed Expansion Joint**	AREA OF CONTAMINATION IN SQUARE METRES **400**
J	FACTORS AFFECTING SPILL OR RECOVERY **None**	DESCRIBE ANY ASSISTANCE REQUIRED **None**	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT **None**

K — ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS

An expansion joint on the heat recovery line in the Arctic corridor failed. Water was released inside the corridor and drained through the floor to the ground below. Temporary berms were constructed to provide initial containment. No water bodies were impacted by this spill.

Pursuant to Part H, Section 8c of the water license, a follow-up report will be issued after a closer investigation is completed.

Reported by Sean Arruda, Environmental Coordinator, 819-759-3555 ext. 4603996

L	REPORTED TO SPILL LINE BY **Sean Arruda**	POSITION **Env. Coordinator**	EMPLOYER **AEM**	LOCATION CALLING FROM **Meliadine**	TELEPHONE **819-759-3555**
M	ANY ALTERNATE CONTACT **Robin Allard**	POSITION **Env.Gen. Supervisor**	EMPLOYER **AEM**	ALTERNATE CONTACT LOCATION **Meliadine**	ALTERNATE TELEPHONE **819-860-1414**

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC

SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN

FILE STATUS ☐ OPEN ☐ CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			

Follow Up Report: #21-279
June 29, 2021- Heat Recovery Water

The following information refers to an incident reported by Agnico Eagle Mines Ltd. on June 30, 2021, and is being provided in accordance with:

- the Nunavut Water Board License 2AM-MEL1631 Water License, Part H, item 8c
- the Government of Nunavut's, Environmental Protection Act subsection 5.1(a)

Description of Incident:

Due to failure of an expansion joint on the heat recovery system, approximately 8 m^3 of water containing corrosion inhibitor (Drewgard 4109) spilled in the south end of the Arctic corridor (between the Multi Service Building (MSB) and the process plant), and then leaked to the ground below on the Industrial Pad. The mix of Drewgard to water in the system was estimated to be 11 L of Drewgard to every 1000 L of water.

No water body was impacted by this spill. The nearest body of water is >300 m away. The coordinates of the spill source are 63° 2' 17" N, 92° 13' 35" W.

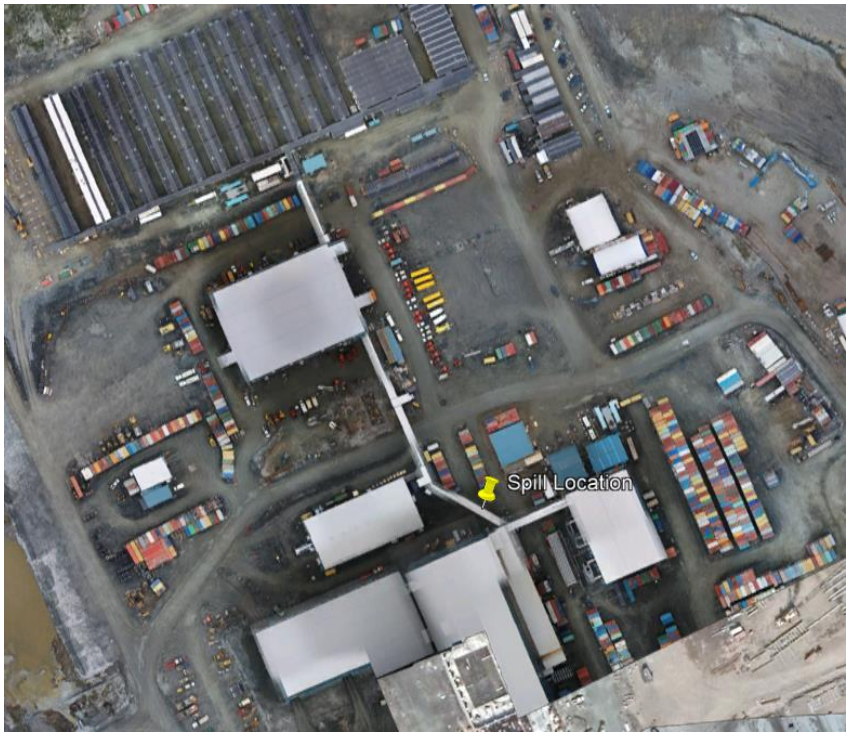

Figure 1: Location of the spill source was inside the arctic corridor, which then leaked to the ground below on the Industrial Pad.

Spill Response & Cleanup:

Sand berms were constructed in order to contain the spilled water in a central area and mitigate further migration until site personnel were able to shut down the system, preventing further release of heat recovery water. Contaminated material was removed with a front-end loader, placed in the Waste Rock Storage Facility 1 (WRSF1) and encapsulated in waste rock.

Figure 2: Sand berm being created at the south end of the spill location to contain the heat recovery water.

Figure 3: Sand berms constructed at the north end of the spill location.

Spill Cause and Corrective Measures

The release occurred due to the failure of an expansion joint in the boiler recirculation system. The cause of the failed component is uncertain and is currently still under investigation. The expansion joint was replaced and the system inspected for leaks. A visual alignment was performed by an E&I millwright and E&I heat technician using a level indicator and shims on piping support beams. The failure was discussed with engineering firm BBA and an investigation report was issued, which is currently being reviewed by the E&I maintenance team.

AGNICO EAGLE

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A	REPORT DATE: MONTH – DAY – YEAR **07-08-2021**	REPORT TIME **11:00**	[X] ORIGINAL SPILL REPORT, OR ☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER ____-_____
B	OCCURRENCE DATE: MONTH – DAY – YEAR **07-07-2021**	OCCURRENCE TIME **16:30**		

C	LAND USE PERMIT NUMBER (IF APPLICABLE) **KVPL11D01**	WATER LICENCE NUMBER (IF APPLICABLE) **2AM-MEL1631**
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION **Meliadine Gold Project**	REGION ☐ NWT [X] NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN
E	LATITUDE DEGREES **63** MINUTES **01** SECONDS **19**	LONGITUDE DEGREES **92** MINUTES **12** SECONDS **21**
F	RESPONSIBLE PARTY OR VESSEL NAME **Agnico Eagle Mines Ltd.**	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION **Meliadine, Rankin Inlet, Nunavut, X0C 0G0**
G	ANY CONTRACTOR INVOLVED **KCG**	CONTRACTOR ADDRESS OR OFFICE LOCATION **PO Box 188, Rankin Inlet, X0C 0G0**

H	PRODUCT SPILLED **Hydraulic Oil**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **150 Litres**	U.N. NUMBER **N/A**
	SECOND PRODUCT SPILLED (IF APPLICABLE) **N/A**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **N/A**	U.N. NUMBER **N/A**
I	SPILL SOURCE **Excavator**	SPILL CAUSE **Failed Hydraulic Hose**	AREA OF CONTAMINATION IN SQUARE METRES **15 m3**
J	FACTORS AFFECTING SPILL OR RECOVERY **None**	DESCRIBE ANY ASSISTANCE REQUIRED **None**	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT **None**

K — ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS

While operating an excavator, the worker noticed the hydraulics stopped working on the arm, and then noticed oil leaking beneath the equipment. The spill occurred on a rock crushing pad between TIRI-1 and TIRI-2 open pits, and was fully contained to the small area beneath the machine. No water bodies were impacted by this spill.

Pursuant to Part H, Section 8c of the water license, a follow-up report will be issued after a closer investigation is completed.

Reported by Sean Arruda, Environmental Coordinator, 819-759-3555 ext. 4603996

L	REPORTED TO SPILL LINE BY **Sean Arruda**	POSITION **Env. Coordinator**	EMPLOYER **AEM**	LOCATION CALLING FROM **Meliadine**	TELEPHONE **819-759-3555**
M	ANY ALTERNATE CONTACT **Robin Allard**	POSITION **Env.Gen. Supervisor**	EMPLOYER **AEM**	ALTERNATE CONTACT LOCATION **Meliadine**	ALTERNATE TELEPHONE **819-860-1414**

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC | SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN | FILE STATUS ☐ OPEN ☐ CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			

Follow Up Report: #21-288
July 7, 2021 – 150 L Hydraulic Oil Spill

The following information refers to an incident reported by Agnico Eagle Mines Ltd. on July 7, 2021 and is being provided in accordance with:

- the Nunavut Water Board License 2AM-MEL1631 Water License, Part H, item 8c
- the Government of Nunavut's, Environmental Protection Act subsection 5.1(a)

Description of Incident

At approximately 16:30 on July 7, 2021, a hydraulic line ruptured while operating an excavator leading to the release of approximately 150 L of hydraulic oil. The oil was contained beneath the equipment, which was located at the onsite rock crushing pad.

The coordinates of this spill are approximately 63° 1'15"N, 92°11'44 "W. No water bodies were impacted by this spill.

Figure 1: Location of the spill on Crushing Pad.

Figure 2: Failure of the hydraulic line of excavator.

Spill Response & Cleanup

The excavator was shut down as soon as the operator noticed the stick (bucket) was not responding. Sorbent pads were placed under the excavator to collect the hydraulic fluid. The spill was contained within the immediate area around the excavator and remained on the crusher pad. The Pit Operations organized the clean-up of the area which involved using excavator to remove the material. An approximate volume of ¼ of a bucket from the 980 loader of contaminated material was recovered and brought to the Meliadine Type A Landfarm.

Figure 3: Spill containment

Cause of Incident and Corrective Measures

The specific cause in this incident is attributed to wear and tear on the hydraulic lines. Regular preventive maintenance is performed on all heavy equipment and workers perform daily vehicle inspections. In this case, the hydraulic line was repaired, and the excavator returned to service.

AGNICO EAGLE

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REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR **July-12-2021**	REPORT TIME **14:30**	☒ ORIGINAL SPILL REPORT, OR ☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER ____-_____
B	OCCURRENCE DATE: MONTH – DAY – YEAR **July-11-2021**	OCCURRENCE TIME **16:00**		

C	LAND USE PERMIT NUMBER (IF APPLICABLE) **KVPL11D01**	WATER LICENCE NUMBER (IF APPLICABLE) **2AM-MEL1631**
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION **Meliadine Gold Project**	REGION ☐ NWT ☒ NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN
E	LATITUDE DEGREES **63** MINUTES **01** SECONDS **32**	LONGITUDE DEGREES **92** MINUTES **12** SECONDS **37**
F	RESPONSIBLE PARTY OR VESSEL NAME **Agnico Eagle Mines Ltd.**	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION **Meliadine, Rankin Inlet, Nunavut, X0C 0G0**
G	ANY CONTRACTOR INVOLVED **N/A**	CONTRACTOR ADDRESS OR OFFICE LOCATION **N/A**

H	PRODUCT SPILLED **Treated Water**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **1 cubic metre**	U.N. NUMBER **N/A**
	SECOND PRODUCT SPILLED (IF APPLICABLE) **N/A**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **N/A**	U.N. NUMBER **N/A**
I	SPILL SOURCE **Treatment Plant**	SPILL CAUSE **Sensor Failure**	AREA OF CONTAMINATION IN SQUARE METRES **9 m3**
J	FACTORS AFFECTING SPILL OR RECOVERY **None**	DESCRIBE ANY ASSISTANCE REQUIRED **None**	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT **None**

K — ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS

While performing annual commissioning of the Saline Effluent Treatment Plant (SETP) a water level sensor failure occurred at the treated water tank. As a result, an overflow of the treated water tank occurred and treated water was released within the sea-can in which the tank is located. The water then migrated outside of the sea-can onto the ground outside of the SETP. The treatment feed had a measured specific conductivity of 8.3 mS/cm and was sourced from Saline Pond 1. No water bodies were impacted by this spill. The closest water body is Lake A8, located 830 m to the south.

Pursuant to Part H, Section 8c of the water license, a follow-up report will be issued after a closer investigation is completed.

Reported by Matt Gillman, Water Management General Supervisor, 819-759-3555 ext. 4603212

L	REPORTED TO SPILL LINE BY **Matt Gillman**	POSITION **Water Mgt. Gen. Super**	EMPLOYER **AEM**	LOCATION CALLING FROM **Meliadine**	TELEPHONE **819-759-3555**
M	ANY ALTERNATE CONTACT **Robin Allard**	POSITION **Env. Gen. Supervisor**	EMPLOYER **AEM**	ALTERNATE CONTACT LOCATION **Meliadine**	ALTERNATE TELEPHONE **819-860-1414**

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC | SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN | FILE STATUS ☐ OPEN ☐ CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			

Follow Up Report: #21-299
July 11th, 2021 – Saline Effluent Treatment Plant (SETP) Treated Water Spill

The following information relates to spill 21-299 reported by Agnico Eagle Mines Ltd. July 12th, 2021, and is being provided in accordance with:

- the Nunavut Water Board License 2AM-MEL1631 Water License, part H, item 8c
- the Government of Nunavut's, Environmental Protection Act subsection 5.1(a)

Description of Incident

During seasonal commissioning of the SETP it was identified that the treated water pump was running full speed because level sensor "B" indicated High-High, however the tank was empty. To protect the pump, it was decided to manually shut down the pump. The sensor "B" high-high level alarm in treated water tank, caused the splitter box pump to automatically shut down. The Actiflo continued to transfer water to the splitter box as level sensor "A" was reading Low-Low level. This rapidly increase the level in the splitter box and resulted in an overflow in the SETP building.

The Actiflo was stopped however water continued to flow into the splitter box as there is a lead time between the Actiflo stop time and the time that the water stops flowing. Splitter box level sensor "A" indicated Low-Low as the splitter box continued to overflow. To avoid continuing overflowing in the building, the splitter box pumps were restarted directing flow to the treated water tank. The treated water tank level sensor "B" was now reading 1/3 full. The sensor continued to read 1/3. When inspecting the tank, it was found to be overflowing and approximately 1 cubic meter had spilled out the door while the sensor continued to read 1/3 full. The system was immediately shut down for further investigation.

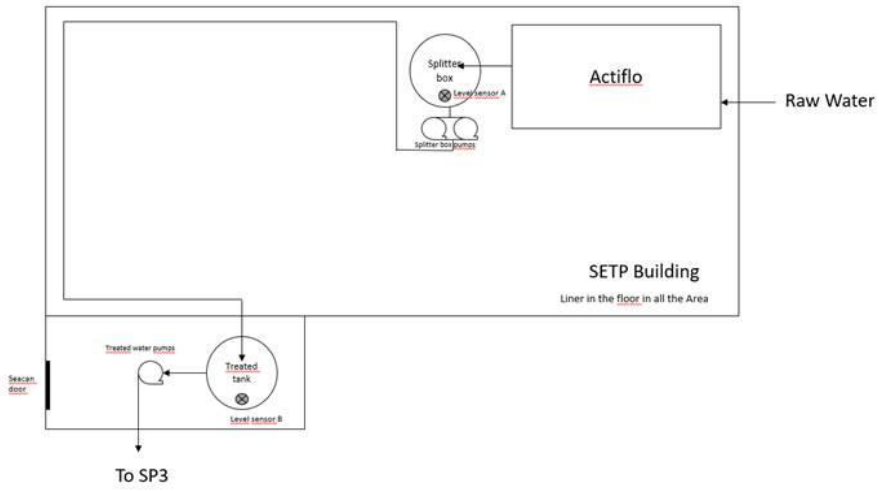

Figure 1: SETP configuration.

No natural water bodies were impacted with the closest being approximately 830m south. The spill occurred at 63° 1'32"N, 92°12'37"W, within the Meliadine water management area.

Figure 2: Location of SETP treated water spill within Meliadine's water management area.

Figure 3: Treated water flow outside SETP.

Spill Response & Cleanup

The plant was shut down to stop the release to the ground outside the sea-can. The SETP was being commissioned with water from SP1, thus no chemicals were added. The water spilled to the ground will be captured within the site water management system and directed to CP5.

Cause of Incident and Corrective Measures

The immediate cause was a result of a faulty reading from both sensors, it is assumed that the faulty readings were a result of foam within the system causing in accurate reading on the ultrasonic sensors. Agnico Eagle Mines Ltd. instrument technicians calibrated the sensors and confirmed accurate reading. Agnico Eagle Mines Ltd. will increase the frequency of SETP tank level inspections.

AGNICO EAGLE

Brett Fairbairn | Environment Coordinator

brett.fairbairn@agnicoeagle.com | Direct 819.759.3555 x4603996 |

Agnico Eagle Mines Limited - Meliadine Mine, Suite 879 - Rankin Inlet, Nunavut, Canada X0C 0G0

agnicoeagle.com

Sent from Meliadine

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE
TEL: (867) 920-8130
FAX: (867) 873-6924
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR **07-14-2021**	REPORT TIME **18:00**	[X] ORIGINAL SPILL REPORT, OR ☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER _____-_____
B	OCCURRENCE DATE: MONTH – DAY – YEAR **07-14-2021**	OCCURRENCE TIME **06:00**		

C	LAND USE PERMIT NUMBER (IF APPLICABLE) **KVPL11D01**	WATER LICENCE NUMBER (IF APPLICABLE) **2AM-MEL1631**
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION **Meliadine Gold Project**	REGION ☐ NWT [X] NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN
E	LATITUDE DEGREES **63** MINUTES **2** SECONDS **11**	LONGITUDE DEGREES **92** MINUTES **13** SECONDS **30**
F	RESPONSIBLE PARTY OR VESSEL NAME **Agnico Eagle Mines Ltd.**	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION **Meliadine, Rankin Inlet, Nunavut, X0C 0G0**
G	ANY CONTRACTOR INVOLVED **N/A**	CONTRACTOR ADDRESS OR OFFICE LOCATION **N/A**

H	PRODUCT SPILLED **Cyclone Slurry**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **20 m3**	U.N. NUMBER **N/A**
	SECOND PRODUCT SPILLED (IF APPLICABLE) **N/A**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **N/A**	U.N. NUMBER **N/A**
I	SPILL SOURCE **Process Plant**	SPILL CAUSE **Cyclone Blockage**	AREA OF CONTAMINATION IN SQUARE METRES **500**
J	FACTORS AFFECTING SPILL OR RECOVERY **None**	DESCRIBE ANY ASSISTANCE REQUIRED **None**	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT **None**

K — ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS

On July 14, 2021, a blockage on the Process Plant Cyclone resulted in slurry being released to the process plant floor and flowed outside the building onto the plant site industrial pad. Once stopped, the spill was contained and cleaned up immediately. The spilled material will be reprocessed through the mill.

No water bodies were impacted with the closest water body (G2 lake) approximately 600 m away.

Pursuant to Part H, Section 8c of the water license, a follow-up report will be issued after the investigation is completed. Reported by Brett Fairbairn, Environmental Coordinator, 819-759-3555 ext. 4603996

L	REPORTED TO SPILL LINE BY **Brett Fairbairn**	POSITION **Env. Coordinator**	EMPLOYER **AEM**	LOCATION CALLING FROM **Meliadine**	TELEPHONE **819-759-3555**
M	ANY ALTERNATE CONTACT **Robin Allard**	POSITION **Env.Gen. Supervisor**	EMPLOYER **AEM**	ALTERNATE CONTACT LOCATION **Meliadine**	ALTERNATE TELEPHONE **819-860-1414**

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC | SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN | FILE STATUS ☐ OPEN ☐ CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			

Follow Up Report: #21-301
July 14th, 2021 – Cyclone Separator Process Water Spill

The following information relates to spill 21-301 reported by Agnico Eagle Mines Ltd. July 14th, 2021, and is being provided in accordance with:

- the Nunavut Water Board License 2AM-MEL1631 Water License, part H, item 8c
- the Government of Nunavut's, Environmental Protection Act subsection 5.1(a)

Description of Incident

At approximately 6:00 am, July 14th, 2021, a blockage in the cyclone system within the process plant occurred preventing cyclone slurry (solid and water mix) from passing through the cyclone unit. The system backed up causing cyclone slurry to overflow to the floor of the process plant. Approximately 20m^3 of cyclone slurry flowed outside of the building, onto the industrial pad. The spill volume was estimate based on the area and depth of the spilled material.

No natural water bodies were impacted with the closest being approximately 640m north. The spill occurred at 63° 2'11"N, 92°13'30"W, within the Meliadine water management area.

Figure 1: Location of process water spill within Meliadine's water management area.

Figure 2: Cyclone slurry flow outside process plant.

Spill Response & Cleanup

The plant was shut down to stop the release. The Cyclone slurry, which spilled to the process plant floor, as well as contaminated material outside of the process building was cleaned up immediately. All material collected was reprocessed through the mill. The affected area was cleared with heavy equipment.

Cause of Incident and Corrective Measures

A blockage within the cyclone went unnoticed by the control room operator, causing the system to become overwhelmed before the operator could stop the inflow. Cyclone slurry overflowed into the sump, which did not have capacity to contain the volume of overflow. The sump then overflowed, and slurry flowed out of the building.

To prevent recurrence, modifications to the trash screen sump containment will be made to allow any overflow material to be contained within the Grinding area containment and sump. The grinding area containment has significant capacity to contain this type of release in the future.

Brett Fairbairn | Environment Coordinator
brett.fairbairn@agnicoeagle.com | Direct 819.759.3555 x4603996 |
Agnico Eagle Mines Limited - Meliadine Mine, Suite 879 - Rankin Inlet, Nunavut, Canada X0C 0G0
agnicoeagle.com
Sent from Meliadine

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE
TEL: (867) 920-8130
FAX: (867) 873-6924
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR **08-23-2021**	REPORT TIME **10:30**	[X] ORIGINAL SPILL REPORT, OR ☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER ____-____
B	OCCURRENCE DATE: MONTH – DAY – YEAR **08-22-2021**	OCCURRENCE TIME **11:00**		

C	LAND USE PERMIT NUMBER (IF APPLICABLE) **KVPL11D01**	WATER LICENCE NUMBER (IF APPLICABLE) **2AM-MEL1631**
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION **Meliadine Gold Project**	REGION ☐ NWT [X] NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN
E	LATITUDE DEGREES **63** MINUTES **1** SECONDS **21**	LONGITUDE DEGREES **92** MINUTES **13** SECONDS **45**
F	RESPONSIBLE PARTY OR VESSEL NAME **Agnico Eagle Mines Ltd.**	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION **Meliadine, Rankin Inlet, Nunavut, X0C 0G0**
G	ANY CONTRACTOR INVOLVED **Kivalliq Contractor Group (KCG)**	CONTRACTOR ADDRESS OR OFFICE LOCATION **32 Sivulliq Ave. Rankin Inlet, NU, X0C0G0**

H	PRODUCT SPILLED **Total Suspended Solids (TSS)**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **Unknown**	U.N. NUMBER **N/A**
	SECOND PRODUCT SPILLED (IF APPLICABLE) **N/A**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **N/A**	U.N. NUMBER **N/A**
I	SPILL SOURCE **Runoff Water**	SPILL CAUSE **Heavy Rainfall**	AREA OF CONTAMINATION IN SQUARE METRES **N/A**
J	FACTORS AFFECTING SPILL OR RECOVERY **None**	DESCRIBE ANY ASSISTANCE REQUIRED **None**	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT **None**

K — ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS

Due to heavy rainfall on August 22, high TSS runoff migrated from an active work zone at the west end of TIRI-01 open pit and collected upstream of pond A40. Based on field turbidity measurements, it is presumed that the non-compliant water collecting upstream migrated to pond A40 before mitigation measures could be installed.

In response, sediment control logs and a silt fence were installed upstream of pond A40 to mitigate the transport of sediment further downstream. Water samples were collected before and after these installations were in place. As due diligence this event is being reported prior to having received those results.

Pursuant to Part H, Section 8c of the water license, a follow-up report will be issued after the investigation is completed. Reported by Sean Arruda, Environmental Coordinator, 819-759-3555 ext. 4603996

L	REPORTED TO SPILL LINE BY **Sean Arruda**	POSITION **Env. Coordinator**	EMPLOYER **AEM**	LOCATION CALLING FROM **Meliadine**	TELEPHONE **819-759-3555**
M	ANY ALTERNATE CONTACT **Robin Allard**	POSITION **Env.Gen. Supervisor**	EMPLOYER **AEM**	ALTERNATE CONTACT LOCATION **Meliadine**	ALTERNATE TELEPHONE **819-860-1414**

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC | SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN | FILE STATUS ☐ OPEN ☐ CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			

Follow Up Report: #21-360
August 22, 2021 – A40 TSS Release

The following information refers to an incident reported by Agnico Eagle Mines Ltd. on August 22, 2021, and is being provided in accordance with:

- the Nunavut Water Board License 2AM-MEL1631 Water License, Part H, item 8c
- the Fisheries Act, subsection 38(7)

Description of Incident:

At approximately 8:00a.m. on August 22nd, the Environment Department was notified that an unapproved trench had been cut within an overburden excavation zone of the Tiri-01 open pit expansion area (Figure 1). The workers involved cut the trench in order to divert water, which had accumulated due to heavy rainfall, away from the excavation zone. Turbid water flowing in the trench was directed towards accumulated water along the access road, which lies in the footprint of the future Tiri-01 open pit (Figure 1). A plume of turbid water began flowing downstream into pond A40, before mitigation measures were able to be deployed.

Figure 1: Upper panel shows the location of the general area relative to other site infrastructure. Lower panel shows a drone image of the impacted water bodies, and locations of the trench (after being backfilled) and sediment controls. Field turbidity readings were taken from A40, as well as a TSS samples downstream of the sediment control fence.

Immediate Corrective Actions:

Upon being notified of the situation, Environment personnel acted quickly to retrieve sediment control logs from storage and to investigate the area of concern. Upon arrival the trench was observed to have turbid water flowing through it and accumulating into an area of ponded water upstream of A40. Upon closer inspection, the Environment personnel realized that the accumulated water was very turbid and was making its way to a smaller pond (A40) approximately 90m downstream which then flowed into a larger lake (A8) approximately 700m downstream. Without delay, sediment control logs were deployed at the outlet of the accumulated water and at the inlet of A40 (Figure 1). At this time a plume of turbid water had reached the inlet of A40, and a sample was collected.

A sediment control fence and additional wood chip logs were installed at that location to prevent additional sediment from entering the pond and immediately lowered the turbidity of water entering A40 (Figure 2).

Figure 2: Installation of sediment control fence and logs. Sample location established immediately downstream of the sediment control fence.

Water samples were collected in the channel entering A40 (Figure 2) and sent to an accredited lab for analysis of Total Suspended Solids (TSS). One sample was collected prior to the sediment control measures having an appreciable impact, one was collected 4 hours later after the control measures were in place and working, and a third sample was collected the following morning. The results are shown in Table 3 below, and clearly demonstrate that the immediate mitigation measures reduced the TSS loading into A40 significantly. The event was reported prior to receiving lab results, as due diligence. Results were received on August 27 and exceeded the limit of 100 mg/L TSS, as outlined under the Nunavut Water Board License 2AM-MEL1631, Part D, item 18. The samples were identified as MEL-SR-A40 (surface runoff samples) according to the naming convention outlined in Table 2 of the Nunavut Water Board License 2AM-MEL1631.

RESULTS OF ANALYSES OF WATER

BV Labs ID		QML898		QML899	QML900		
Sampling Date		2021/08/22 09:02		2021/08/22 13:00	2021/08/23 07:00		
COC Number		na		na	na		
	UNITS	MEL-SR-A40	RDL	MEL-SR-A40	MEL-SR-A40	RDL	QC Batch
Inorganics							
Total Suspended Solids	mg/L	160	3	5	3	1	7545318
RDL = Reportable Detection Limit QC Batch = Quality Control Batch							

Table 3: TSS results before and after sediment control measures were installed. MEL-SR-A40 will continue to be a regularly sampled/monitored surface runoff compliance sampling location.

Cause of Incident and Corrective/Preventive Measures

Several factors contributed to the cause of this incident, including heavy and sustained rainfall, lack of knowledge, and lack of communication. Heavy sustained rainfall led to the accumulation of water in an area which was actively being stripped of overburden material. The operators who made the decision to cut a trench and divert water from ponding in their work area lacked knowledge of the potential downstream impacts. If proper communication was used, and the Environment, Water Management, or Geotechnical departments would have been consulted prior to digging this trench, other solutions could have been found to divert the water back into the site's existing water management infrastructure.

The immediate corrective action was to install the sediment controls logs and fence, which took effect right away. In order to ensure similar occurrences do not happen during future heavy rain periods, the accumulated water upstream of A40 will be captured and returned onsite to be managed by existing site water management infrastructure.

Furthermore, an education campaign is being developed with the purpose of providing an overview of the regulatory obligations of the water license, and Fisheries Act. Meetings will be held with managers and supervisors of various key departments so that all parties can improve their understanding and communications regarding water movements at Meliadine.

AGNICO EAGLE

Sean Arruda | Environment Coordinator
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agnicoeagle.com

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE
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FAX: (867) 873-6924
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR **09-10-2021**	REPORT TIME **10:30**	[X] ORIGINAL SPILL REPORT, OR ☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER ____-_____
B	OCCURRENCE DATE: MONTH – DAY – YEAR **08-12-2021**	OCCURRENCE TIME **8:36**		

C	LAND USE PERMIT NUMBER (IF APPLICABLE) **KVPL11D01**	WATER LICENCE NUMBER (IF APPLICABLE) **2AM-MEL1631**
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION **Meliadine Gold Project**	REGION ☐ NWT [X] NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN
E	LATITUDE DEGREES **62** MINUTES **47** SECONDS **60**	LONGITUDE DEGREES **92** MINUTES **5** SECONDS **34**
F	RESPONSIBLE PARTY OR VESSEL NAME **Agnico Eagle Mines Ltd.**	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION **Meliadine, Rankin Inlet, Nunavut, X0C 0G0**
G	ANY CONTRACTOR INVOLVED	CONTRACTOR ADDRESS OR OFFICE LOCATION

H	PRODUCT SPILLED **Total Suspended Solids (TSS)**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **Unknown**	U.N. NUMBER **N/A**
	SECOND PRODUCT SPILLED (IF APPLICABLE) **N/A**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **N/A**	U.N. NUMBER **N/A**
I	SPILL SOURCE **Runoff Water**	SPILL CAUSE **Heavy Rainfall**	AREA OF CONTAMINATION IN SQUARE METRES **N/A**
J	FACTORS AFFECTING SPILL OR RECOVERY **None**	DESCRIBE ANY ASSISTANCE REQUIRED **None**	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT **None**

K — ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS

Due to rainfall on August 12, 2021 high TSS runoff migrated from Rankin Inlet industrial area through the Agnico Eagle Itivia site releasing through MEL-SR-01 sampling station, flowing towards Melvin Bay. Laboratory results for this area, received September 9, 2021, indicated TSS concentration of 300 mg/L, exceeding the maximum grab sample concentration of 100 mg/L, as per the Water License 2AM-MEL1631, Part D, item 18.

Pursuant to Part H, Section 8c of the water license, a follow-up report will be issued after the investigation is completed.

Reported by Brett Fairbairn, Environmental Coordinator, 819-759-3555 ext. 4603996

L	REPORTED TO SPILL LINE BY **Brett Fairbairn**	POSITION **Env. Coordinator**	EMPLOYER **AEM**	LOCATION CALLING FROM **Meliadine**	TELEPHONE **819-759-3555**
M	ANY ALTERNATE CONTACT **Robin Allard**	POSITION **Env.Gen. Supervisor**	EMPLOYER **AEM**	ALTERNATE CONTACT LOCATION **Meliadine**	ALTERNATE TELEPHONE **819-860-1414**

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC | SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN | FILE STATUS ☐ OPEN ☐ CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			

Follow Up Report: # 21-398
September 9, 2021 – MEL-SR1 Surface Water Runoff

The following information refers to an incident reported by Agnico Eagle Mines Ltd. on September 10, 2021, and is being provided in accordance with:

- the Nunavut Water Board License 2AM-MEL1631 Water License, Part H, item 8c
- the Government of Nunavut's, Environmental Protection Act subsection 5.1(a)
- the Fisheries Act subsection 38(5).

Description of Incident:

While conducting a routine inspection on August 12th, 2021, surface runoff water was observed at sampling station MEL-SR1 located on the south side of the Itivia site. Heavy rainfall resulted in an increased flow from the hamlet of Rankin Inlet through the Itivia site, Samples were collected at MEL-SR1 and analyzed for Total Suspended Solids (TSS) concentration and other water quality parameters. Laboratory results were received on September 9, 2021 and a concentration of 300 mg/L TSS was measured. This exceeded the criteria of 100 mg/L TSS, as per the obligations under the Nunavut Water Board License 2AM-MEL1631, Part D, item 18. When the analytical results were received and the exceedance identified Agnico Eagle Mines immediately reported the exceedance.

The sampling location is referred to as MEL-SR1 (62° 47' 59" N, 92° 5' 35" W) and in shown in Figure 1. Melvin Bay is approximately 50 m south of MEL-SR1.

Figure 1: Sample locations MEL-SR1 and MEL-SR1 US

Exceedance probable root cause

Sampling station MEL-SR1 is located downstream of the exit of a culvert on the south side of the Itivia site. The discharge is a combination of runoff from Rankin Inlet (MEL-SR1 US) and the Itivia site. The water on the Itivia side contributing to the flow to MEL-SR1 passes through a series of check dams for sediment control, however, there are no sediment control measures in place for the runoff water from the Rankin Inlet side.

MEL-SR1 is regularly monitored with increased monitoring during rain events. During this rain event an additional sample was collected upstream at MEL-SR1 US to determine runoff quality from Rankin Inlet before entering the Itivia site. Analytical results are summarized in table 1.

Table 1: Analytical Results

Location	Parameter	Value
MEL-SR1	TSS	300 mg/L
MEL-SR1 US	TSS	1000 mg/L

Sediment control devices (straw logs) are replaced as needed and seen in figure 2. Certificate of analysis for the August 12, 2021 sampling event is attached in appendix A.

Figure 2: Sediment control at discharge

Corrective Measures

As previously mentioned, MEL-SR-01 will continue to be closely monitored for TSS. A review of the current sediment control system will be completed and increased measures (silt fence, sedimentation bag, dams) implemented where identified.

An agreement with Rankin Inlet has been reached to construct Check Dams between Mel-SR1 US and MEL-SR1 to help reduce TSS in the runoff before entering the Itivia site.

Agnico Eagle Mines will continue to immediately report all exceedance as soon as they become aware of the non compliance event.

Brett Fairbairn | Environment Coordinator
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agnicoeagle.com
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Appendix A – Certificates of Analysis

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE
TEL: (867) 920-8130
FAX: (867) 873-6924
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR **09-15-2021**	REPORT TIME **16:30**	☒ ORIGINAL SPILL REPORT, OR ☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER ____-_____
B	OCCURRENCE DATE: MONTH – DAY – YEAR **09-15-2021**	OCCURRENCE TIME **04:30**		

C	LAND USE PERMIT NUMBER (IF APPLICABLE) **KVPL11D01**	WATER LICENCE NUMBER (IF APPLICABLE) **2AM-MEL1631**
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION **Meliadine Gold Project**	REGION ☐ NWT ☒ NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN
E	LATITUDE DEGREES **63** MINUTES **1** SECONDS **37**	LONGITUDE DEGREES **92** MINUTES **12** SECONDS **41**
F	RESPONSIBLE PARTY OR VESSEL NAME **Agnico Eagle Mines Ltd.**	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION **Meliadine, Rankin Inlet, Nunavut, X0C 0G0**
G	ANY CONTRACTOR INVOLVED **N/A**	CONTRACTOR ADDRESS OR OFFICE LOCATION **N/A**

H	PRODUCT SPILLED **Hydraulic Oil**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **300 L**	U.N. NUMBER
	SECOND PRODUCT SPILLED (IF APPLICABLE) **N/A**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **N/A**	U.N. NUMBER **N/A**
I	SPILL SOURCE **Fuel/Lube Truck TRK09**	SPILL CAUSE **Broken Hose**	AREA OF CONTAMINATION IN SQUARE METRES **90**
J	FACTORS AFFECTING SPILL OR RECOVERY **None**	DESCRIBE ANY ASSISTANCE REQUIRED	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT

K — ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS

A broken hydraulic hose on a Fuel/Lubrication truck led to the release of an estimated 300 L of hydraulic oil at Dome 3 on the Meliadine plant site. A containment berm was constructed to contain the released hydraulic oil. The contaminated soil was removed and disposed of in the Landfarm

No water bodies were impacted by this spill. The nearest natural waterbody (B7) is 970 m away.

Pursuant to Part H, Section 8c of the water license, a follow-up report will be issued after a closer investigation is completed.

Reported by Brett Fairbairn Environment Coordinator 819-759-3555 ext. 4603996.

L	REPORTED TO SPILL LINE BY **Brett Fairbairn**	POSITION **Env. Coordinator**	EMPLOYER **AEM**	LOCATION CALLING FROM **Meliadine**	TELEPHONE **819-759-3555**
M	ANY ALTERNATE CONTACT **Robin Allard**	POSITION **Env. Gen. Supervisor**	EMPLOYER **AEM**	ALTERNATE CONTACT LOCATION **Meliadine**	ALTERNATE TELEPHONE **819-860-1414**

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC | SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN | FILE STATUS ☐ OPEN ☐ CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			

Follow Up Report: #21-400
September 15, 2021 – Dome 3 Hydraulic Oil Spill

The following information refers to an incident reported by Agnico Eagle Mines Ltd. September 15, 2021, and is being provided in accordance with:

- the Nunavut Water Board License 2AM-MEL1631 Water License, Part H, item 8c
- the Government of Nunavut's, Environmental Protection Act subsection 5.1(a)

Description of Incident

At approximately 04:30 on September 15, 2021, a broken hydraulic oil fill connection on a Fuel/Lubrication truck led to the release of approximately 300 L of hydraulic oil. The oil was contained within the dome 3 parking area covering an area of approximately 90 square metres.

The fuel/lubrication truck operator removed the Fuel/Lubrication truck from Dome 3 while the Hydraulic oil fill line was still connected to the truck. This resulted in the connection on the truck breaking off and releasing the oil. Procedures for operating mobile equipment require the operator to complete a vehicle inspection prior to operating the equipment. This inspection includes a vehicle walk around which did not happen on this occasion.

The coordinates of this spill are 63° 1'37.40"N, 92°12'40.76"W. No water bodies were impacted by this spill.

Figure 1: Location of the spill on East side of Dome 3.

Figure 2: Broken hydraulic line connection from Fuel/Lubrication truck.

Spill Response & Cleanup

Spill pads were immediately placed on the affected area and a berm was constructed to contain the oil. The Underground Mine Supervisor and Environment Department organized a clean-up of the area. The area was cleaned up using a excavator and haul truck. All contaminated material was disposed of in the Landfarm.

Figure 3: Containment berm and excavator clean up.

Cause of Incident and Corrective Measures

The specific cause in this incident is attributed to human error and not following procedures. A review of the requirements was carried out with the individual to ensure proper understanding of the procedure and associated inspection checklist.

Agnico Eagle Mines will continue to immediately report all spill as soon as they become aware of the event.

AGNICO EAGLE

Brett Fairbairn | Environment Coordinator
brett.fairbairn@agnicoeagle.com | Direct 819.759.3555 x4603996 |
Agnico Eagle Mines Limited - Meliadine Mine, Suite 879 - Rankin Inlet, Nunavut, Canada X0C 0G0
agnicoeagle.com
Sent from Meliadine

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE
TEL: (867) 920-8130
FAX: (867) 873-6924
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR **10-04-2021**	REPORT TIME **16:30**	[X] ORIGINAL SPILL REPORT, OR ☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER ____-____
B	OCCURRENCE DATE: MONTH – DAY – YEAR **10-04-2021**	OCCURRENCE TIME **11:45**		

C	LAND USE PERMIT NUMBER (IF APPLICABLE) **KVPL11D01**	WATER LICENCE NUMBER (IF APPLICABLE) **2AM-MEL1631**
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION **Meliadine Gold Project**	REGION ☐ NWT [X] NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN
E	LATITUDE DEGREES **63** MINUTES **02** SECONDS **16**	LONGITUDE DEGREES **92** MINUTES **13** SECONDS **35**
F	RESPONSIBLE PARTY OR VESSEL NAME **Agnico Eagle Mines Ltd.**	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION **Meliadine, Rankin Inlet, Nunavut, X0C 0G0**
G	ANY CONTRACTOR INVOLVED **KCG**	CONTRACTOR ADDRESS OR OFFICE LOCATION **PO Box 188, Rankin Inlet, X0C 0G0**

H	PRODUCT SPILLED **Grease**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **150 Litres**	U.N. NUMBER **N/A**
	SECOND PRODUCT SPILLED (IF APPLICABLE) **N/A**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **N/A**	U.N. NUMBER **N/A**
I	SPILL SOURCE **1 x 45 gallon barrel**	SPILL CAUSE **barrel not secured to pallet**	AREA OF CONTAMINATION IN SQUARE METRES **50 m2**
J	FACTORS AFFECTING SPILL OR RECOVERY **None**	DESCRIBE ANY ASSISTANCE REQUIRED **None**	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT **None**

K — ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS

An employee walking to the process plant observed a barrel that had tipped over with grease flowing out of the barrel. The spill occurred on the parking pad at the north end of the process plant. The spill was fully contained to the small area. No water bodies were impacted by this spill.

Pursuant to Part H, Section 8c of the water license, a follow-up report will be issued after a closer investigation is completed.

Reported by Brett Fairbairn, Environmental Coordinator, 819-759-3555 ext. 4603996

L	REPORTED TO SPILL LINE BY **Brett Fairbairn**	POSITION **Env. Coordinator**	EMPLOYER **AEM**	LOCATION CALLING FROM **Meliadine**	TELEPHONE **819-759-3555**
M	ANY ALTERNATE CONTACT **Robin Allard**	POSITION **Env.Gen. Supervisor**	EMPLOYER **AEM**	ALTERNATE CONTACT LOCATION **Meliadine**	ALTERNATE TELEPHONE **819-860-1414**

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC | SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN | FILE STATUS ☐ OPEN ☐ CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			

Follow Up Report: #21-429
October 4th, 2021, Grease spill

The following information refers to a spill reported by Agnico Eagle Mines Ltd. October 5th, 2021, and is being provided in accordance with:

- the Nunavut Water Board License 2BB-MEL1424 Water License, part H, item 4c
- the Government of Nunavut's, Environmental Protection Act subsection 5.1(a)

Description of Incident:

On October 4th the Environment Department was notified of a spill which occurred near the north side of the process plant. An employee walking to the process plant observed a barrel that had tipped over with industrial grease from the process plant and maintenance shop flowing out of the barrel, roughly 150L of grease was spilled.

No water body was impacted by this spill. The closest water body (H15) is approximately 235m away. The coordinates of the spill are 63°02'16"N, 92°13'35"W (Figure 1).

Figure 1: Location of spill.

Spill Response & Cleanup:

The employee that discovered the drum immediately placed the drum upright, contacted his supervisor and deployed spill rags (Figure 2).

Figure 2: Initial spill response; spill rags.

After the surface material was collected with spill rags these were placed in a quatrex bag and brought to the hazardous waste laydown for proper storage (figure 3)

Figure 3: hazardous waste quatrex

The contaminated area affected from the industrial grease spill was scraped up and brought to Landfarm A for remediation (figure 4)

Figure 4: Spill area cleaned by heavy equipment

Corrective Measures

2 cubic meters of contaminated gravel was removed from the surface of this pad. An investigation was completed with all departments involved and the Environment Department has provided them with a list of corrective and preventative measures. These include ensuring that personnel use a mandatory spotter when moving hazardous materials with forked equipment, having drums with hazardous waste secured on pallets prior to movement, repacking any improperly stored sea cans, and ensuring that staff are inspecting work areas for potential hazardous obstructions.

AGNICO EAGLE

Randy Schwandt | Environment Coordinator
randy.schwandt@agnicoeagle.com | Direct 819.759.3555 x4603996 |
Agnico Eagle Mines Limited - Meliadine Mine, Suite 879 - Rankin Inlet, Nunavut, Canada X0C 0G0
agnicoeagle.com
Sent from Meliadine

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE
TEL: (867) 920-8130
FAX: (867) 873-6924
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR **10-05-2021**	REPORT TIME **17:00**	☒ ORIGINAL SPILL REPORT, OR ☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER ____-_____
B	OCCURRENCE DATE: MONTH – DAY – YEAR **10-04-2021**	OCCURRENCE TIME		

C	LAND USE PERMIT NUMBER (IF APPLICABLE) **KVPL11D01**	WATER LICENCE NUMBER (IF APPLICABLE) **2AM-MEL-1631**
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION **Meliadine Gold Mine**	REGION ☐ NWT ☒ NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN
E	LATITUDE DEGREES **62** MINUTES **47** SECONDS **60**	LONGITUDE DEGREES **92** MINUTES **5** SECONDS **34**
F	RESPONSIBLE PARTY OR VESSEL NAME **Agnico Eagle Mines Limited**	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION **Meliadine, Rankin Inlet, Nunavut, X0C 0G0**
G	ANY CONTRACTOR INVOLVED **None**	CONTRACTOR ADDRESS OR OFFICE LOCATION **N/A**

H	PRODUCT SPILLED **Total Suspended Solids (TSS)**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **Unknown**	U.N. NUMBER **N/A**
	SECOND PRODUCT SPILLED (IF APPLICABLE) **N/A**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **N/A**	U.N. NUMBER **N/A**
I	SPILL SOURCE **Runoff Water**	SPILL CAUSE **Heavy Rainfall**	AREA OF CONTAMINATION IN SQUARE METRES **N/A**
J	FACTORS AFFECTING SPILL OR RECOVERY **None**	DESCRIBE ANY ASSISTANCE REQUIRED **None**	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT **None**

K — ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS

During a routine inspection on October 4th, 2021 surface runoff water was observed at sampling stations MEL SR-1 and MEL SR-7. Samples were collected and sent for laboratory analysis.
Field turbidity readings were also conducted and showed results indicative - but not confirmatory - that TSS concentrations likely exceed the criteria of 100 mg/L as per the Nunavut Water Board Water Licence 2AM-MEL 1631, part D, Item 18.
Mitigation measures are currently being implemented and this report is being issued for due diligence purposes, as the sampling results from the external accredited laboratory have not yet been received.
A follow-up report will be issued after a closer investigation is completed as per Part H, Section 8c of the Water Licence 2AM-MEL1631.

L	REPORTED TO SPILL LINE BY **Brett Fairbairn**	POSITION **Env. Coordinator**	EMPLOYER **AEM**	LOCATION CALLING FROM **Meliadine**	TELEPHONE **8197593555**
M	ANY ALTERNATE CONTACT **Robin Allard**	POSITION **Env. General Supervis**	EMPLOYER **AEM**	ALTERNATE CONTACT LOCATION **Meliadine**	ALTERNATE TELEPHONE **8197593555**

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC | SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN | FILE STATUS ☐ OPEN ☐ CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			

Follow Up Report: #21-443
October 4th, 2021 – MEL-SR1 and MEL-SR7 Surface Water Runoff

The following information refers to a potential incident reported by Agnico Eagle Mines Ltd. on October 5th, 2021, and is being provided in accordance with:

- the Nunavut Water Board License 2AM-MEL1631 Water License, Part H, item 8c
- the Government of Nunavut's, Environmental Protection Act subsection 5.1(a)

Description of Incident:

After a heavy rainfall event that occurred on October 4th, 2021, surface runoff water was observed at sampling station MEL-SR7 (an internal sampling location that does not flow off-site) located on the north side of the sea-can lay down at Itivia. The surface runoff from Mel-SR7 passes through the Itivia site and sediment is manage by two check dams before flowing into MEL-SR1 and offsite. Samples were collected for laboratory analysis at both areas to assess the Total Suspended Solids (TSS) concentration. Upon visual inspection of the area and after completing sampling, Agnico Eagle decided not to wait for external results and reported the event immediately as due diligence for a possible TSS exceedance.

Laboratory results were received on October 21st and a concentration of 250 mg/L TSS was measured at MEL-SR7 and 40 mg/L at MEL-SR1.

The sampling location referred to as MEL-SR7 (62° 47' 60" N, 92° 5' 34", (Figure 1) showed elevated TSS results. This runoff is filtered through check dams and sediment control logs reducing TSS concentrations to 40 mg/L at the receiving MEL-SR1 sampling point; consequently, no impact on water bodies were made. The initial spill report was sent as a precaution to ensure all stakeholders were notified of the situation.

Figure 1: Sample location MEL-SR1 and MEL-SR7 at Itivia

Potential exceedance probable root cause

Sampling station MEL-SR7 is located downstream to an exit of a culvert from the Hamlet of Rankin Inlet which allows the runoff coming from the north side of the road to flow to the southeast in a ditch towards MEL-SR1

The Hydrogeology specialist who carried out the sampling on October 4th, 2021, made the following observations:

- The water flowing at MEL-SR7 appeared turbid
- Vegetation appeared to be in the flow of water coming downstream
- The flow at the MEL-SR7 sampling station was heavy due to a recent on-going rainfall event

All surface run off in the area is closely monitored during routine inspections and following heavy rainfall events to ensure to minimize TSS reaching Melvin Bay. MEL-SR7 and MEL-SR1 were sampled again on October 5th, 2021. Results showed TSS concentrations of 4 mg/L for MEL-SR7 and 16 mg/L for MEL-SR1, respectively. Certificate of analysis for the October 4th and October 5th sampling events are attached in Appendix A.

Corrective Measures

This event was reported as due diligence and no exceedances in receiving environments were noted upon reception of external sampling results. Agnico Eagle remains committed to ensuring any concerns are reported without delay through regulatory channels and to protect any receiving water body from being impacted.

AGNICO EAGLE

Brett Fairbairn | Environment Coordinator
brett.fairbairn@agnicoeagle.com | Direct 819.759.3555 x4603996 |
Agnico Eagle Mines Limited - Meliadine Mine, Suite 879 - Rankin Inlet, Nunavut, Canada X0C 0G0
agnicoeagle.com
Sent from Meliadine

Appendix A – Certificates of Analysis

October 4, 2021 – Analytical Results

Your P.O. #: OL-1006009
Site Location: MELIADINE
Your C.O.C. #: N/A

Attention: Reporting

Agnico-Eagle
Meliadine
Meliadine Mine
Rankin Inlet, NU
CANADA X0C 0G0

Report Date: 2021/10/21
Report #: R6862364
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C1T3734
Received: 2021/10/07, 14:40

Sample Matrix: Water
Samples Received: 5

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity (1)	4	N/A	2021/10/14	CAM SOP-00448	SM 23 2320 B m
Alkalinity (1)	1	N/A	2021/10/15	CAM SOP-00448	SM 23 2320 B m
Chloride by Automated Colourimetry (1)	4	N/A	2021/10/14	CAM SOP-00463	SM 23 4500-Cl E m
Chloride by Automated Colourimetry (1)	1	N/A	2021/10/15	CAM SOP-00463	SM 23 4500-Cl E m
Total Cyanide (1)	5	2021/10/13	2021/10/13	CAM SOP-00457	OMOE E3015 5 m
Fluoride (1)	4	2021/10/13	2021/10/14	CAM SOP-00449	SM 23 4500-F C m
Fluoride (1)	1	2021/10/14	2021/10/15	CAM SOP-00449	SM 23 4500-F C m
Mercury (low level) (1)	1	2021/10/14	2021/10/14	CAM SOP-00453	EPA 7470 m
Mercury (low level) (1)	4	2021/10/14	2021/10/15	CAM SOP-00453	EPA 7470 m
Hardness Total (calculated as CaCO3) (2, 4)	5	N/A	2021/10/19	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3) (2)	4	N/A	2021/10/19	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3) (2)	1	N/A	2021/10/20	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (diss.) (2)	4	N/A	2021/10/19	BBY7SOP-00002	EPA 6020B R2 m
Na, K, Ca, Mg, S by CRC ICPMS (diss.) (2)	1	N/A	2021/10/20	BBY7SOP-00002	EPA 6020B R2 m
Elements by CRC ICPMS (dissolved) (2)	4	N/A	2021/10/19	BBY7SOP-00002	EPA 6020B R2 m
Elements by CRC ICPMS (dissolved) (2)	1	N/A	2021/10/20	BBY7SOP-00002	EPA 6020B R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total) (2)	5	2021/10/12	2021/10/19	BBY7SOP-00002	EPA 6020B R2 m
Elements by CRC ICPMS (total) (2)	5	2021/10/18	2021/10/19	BBY7SOP-00003/ BBY7SOP-00002	EPA 6020B R2 m
Silica (Reactive) (3)	5	N/A	2021/10/17	AB SOP-00011	EPA370.1 R1978 m
Total Ammonia-N (1)	5	N/A	2021/10/14	CAM SOP-00441	USGS I-2522-90 m
Nitrate & Nitrite as Nitrogen in Water (1, 5)	4	N/A	2021/10/14	CAM SOP-00440	SM 23 4500-NO3I/NO2B
Nitrate & Nitrite as Nitrogen in Water (1, 5)	1	N/A	2021/10/15	CAM SOP-00440	SM 23 4500-NO3I/NO2B
Total Oil and Grease (1)	5	2021/10/15	2021/10/15	CAM SOP-00326	EPA1664B m,SM5520B m
pH (1)	4	2021/10/13	2021/10/14	CAM SOP-00413	SM 4500H+ B m
pH (1)	1	2021/10/14	2021/10/15	CAM SOP-00413	SM 4500H+ B m
Orthophosphate (1)	4	N/A	2021/10/14	CAM SOP-00461	EPA 365.1 m
Orthophosphate (1)	1	N/A	2021/10/15	CAM SOP-00461	EPA 365.1 m
Sulphate by Automated Colourimetry (1)	4	N/A	2021/10/14	CAM SOP-00464	EPA 375.4 m
Sulphate by Automated Colourimetry (1)	1	N/A	2021/10/15	CAM SOP-00464	EPA 375.4 m
Calculated Total Dissolved Solids (1)	5	N/A	2021/10/21		Auto Calc

Bureau Veritas Laboratories 100 – 36 Antares Dr. Nepean, ON, K2E 7W5 Phone: 613-274-0573 Website: www.bvna.com

Your P.O. #: OL-1006009
Site Location: MELIADINE
Your C.O.C. #: N/A

Attention: Reporting

Agnico-Eagle
Meliadine
Meliadine Mine
Rankin Inlet, NU
CANADA X0C 0G0

Report Date: 2021/10/21
Report #: R6862364
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C1T3734
Received: 2021/10/07, 14:40

Sample Matrix: Water
Samples Received: 5

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Total Dissolved Solids (1)	5	2021/10/13	2021/10/14	CAM SOP-00428	SM 23 2540C m
Total Phosphorus (Colourimetric) (1)	5	2021/10/13	2021/10/14	CAM SOP-00407	SM 23 4500 P B H m
Low Level Total Suspended Solids (1)	2	2021/10/13	2021/10/14	CAM SOP-00428	SM 23 2540D m
Low Level Total Suspended Solids (1)	3	2021/10/14	2021/10/14	CAM SOP-00428	SM 23 2540D m
Turbidity (1)	5	N/A	2021/10/14	CAM SOP-00417	SM 23 2130 B m

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, MELCC, EPA, APHA.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.
Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

Reference Method suffix “m” indicates test methods incorporate validated modifications from specific reference methods to improve performance.
* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.
(1) This test was performed by Bureau Veritas Mississauga, 6740 Campobello Rd , Mississauga, ON, L5N 2L8
(2) This test was performed by Bureau Veritas Burnaby, 4606 Canada Way , Burnaby, BC, V5G 1K5
(3) This test was performed by Bureau Veritas Calgary (19th), 4000 19th Street NE , Calgary, AB, T2E 6P8
(4) "Total Hardness" was calculated from Total Ca and Mg concentrations and may be biased high (Hardness, or Dissolved Hardness, calculated from Dissolved Ca and Mg, should be used for compliance if available).
(5) Values for calculated parameters may not appear to add up due to rounding of raw data and significant figures.

Your P.O. #: OL-1006009
Site Location: MELIADINE
Your C.O.C. #: N/A

Attention: Reporting

Agnico-Eagle
Meliadine
Meliadine Mine
Rankin Inlet, NU
CANADA X0C 0G0

Report Date: 2021/10/21
Report #: R6862364
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C1T3734
Received: 2021/10/07, 14:40

Encryption Key

Katherine Szozda
Project Manager
21 Oct 2021 11:32:46

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Katherine Szozda, Project Manager
Email: Katherine.Szozda@bureauveritas.com
Phone# (613)274-0573 Ext:7063633

==========

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

DISS. ICPMS METALS FOR FEDERAL INT. GWQG (WATER)

Bureau Veritas ID		QWU933	QWU934		QWU935		
Sampling Date		2021/10/04 14:15	2021/10/04 14:40		2021/10/04 15:04		
COC Number		N/A	N/A		N/A		
	UNITS	MEL-SR7	MEL-SR7US	QC Batch	MEL-SR1	RDL	QC Batch
Calculated Parameters							
Dissolved Hardness (CaCO3)	mg/L	150	166	7643360	261	0.50	7643360
Metals							
Dissolved Aluminum (Al)	mg/L	0.0457	0.0574	7647267	0.0247	0.0030	7650408
Dissolved Antimony (Sb)	mg/L	<0.00050	<0.00050	7647267	<0.00050	0.00050	7650408
Dissolved Arsenic (As)	mg/L	0.00134	0.00074	7647267	0.00200	0.00010	7650408
Dissolved Barium (Ba)	mg/L	0.0215	0.0412	7647267	0.0367	0.0010	7650408
Dissolved Beryllium (Be)	mg/L	<0.00010	<0.00010	7647267	<0.00010	0.00010	7650408
Dissolved Bismuth (Bi)	mg/L	<0.0010	<0.0010	7647267	<0.0010	0.0010	7650408
Dissolved Boron (B)	mg/L	<0.050	<0.050	7647267	<0.050	0.050	7650408
Dissolved Cadmium (Cd)	mg/L	<0.000010	<0.000010	7647267	<0.000010	0.000010	7650408
Dissolved Chromium (Cr)	mg/L	<0.0010	<0.0010	7647267	<0.0010	0.0010	7650408
Dissolved Cobalt (Co)	mg/L	<0.00020	<0.00020	7647267	<0.00020	0.00020	7650408
Dissolved Copper (Cu)	mg/L	0.00106	0.00360	7647267	0.00267	0.00020	7650408
Dissolved Iron (Fe)	mg/L	<0.0050	0.0088	7647267	<0.0050	0.0050	7650408
Dissolved Lead (Pb)	mg/L	<0.00020	<0.00020	7647267	<0.00020	0.00020	7650408
Dissolved Lithium (Li)	mg/L	0.0210	0.0041	7647267	0.0119	0.0020	7650408
Dissolved Manganese (Mn)	mg/L	0.0239	0.0132	7647267	0.0012	0.0010	7650408
Dissolved Molybdenum (Mo)	mg/L	<0.0010	<0.0010	7647267	0.0010	0.0010	7650408
Dissolved Nickel (Ni)	mg/L	<0.0010	0.0024	7647267	0.0051	0.0010	7650408
Dissolved Selenium (Se)	mg/L	<0.00010	<0.00010	7647267	<0.00010	0.00010	7650408
Dissolved Silicon (Si)	mg/L	0.91	1.38	7647267	1.07	0.10	7650408
Dissolved Silver (Ag)	mg/L	<0.000020	<0.000020	7647267	<0.000020	0.000020	7650408
Dissolved Strontium (Sr)	mg/L	0.340	0.247	7647267	0.424	0.0010	7650408
Dissolved Thallium (Tl)	mg/L	0.000019	0.000011	7647267	<0.000010	0.000010	7650408
Dissolved Tin (Sn)	mg/L	<0.0050	<0.0050	7647267	<0.0050	0.0050	7650408
Dissolved Titanium (Ti)	mg/L	<0.0050	<0.0050	7647267	<0.0050	0.0050	7650408
Dissolved Uranium (U)	mg/L	0.00065	0.00128	7647267	0.00181	0.00010	7650408
Dissolved Vanadium (V)	mg/L	<0.0050	<0.0050	7647267	<0.0050	0.0050	7650408
Dissolved Zinc (Zn)	mg/L	<0.0050	<0.0050	7647267	<0.0050	0.0050	7650408
Dissolved Zirconium (Zr)	mg/L	<0.00010	<0.00010	7647267	0.00010	0.00010	7650408
Dissolved Calcium (Ca)	mg/L	45.0	53.2	7643361	81.4	0.050	7643361

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

DISS. ICPMS METALS FOR FEDERAL INT. GWQG (WATER)

Bureau Veritas ID		QWU933	QWU934		QWU935		
Sampling Date		2021/10/04 14:15	2021/10/04 14:40		2021/10/04 15:04		
COC Number		N/A	N/A		N/A		
	UNITS	MEL-SR7	MEL-SR7US	QC Batch	MEL-SR1	RDL	QC Batch
Dissolved Magnesium (Mg)	mg/L	9.01	8.01	7643361	14.1	0.050	7643361
Dissolved Potassium (K)	mg/L	5.51	7.09	7643361	8.13	0.050	7643361
Dissolved Sodium (Na)	mg/L	34.4	31.9	7643361	50.5	0.050	7643361
Dissolved Sulphur (S)	mg/L	20.0	14.7	7643361	36.4	3.0	7643361

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Bureau Veritas Job #: C1T3734
Report Date: 2021/10/21

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-1006009
Sampler Initials: AH

DISS. ICPMS METALS FOR FEDERAL INT. GWQG (WATER)

Bureau Veritas ID		QWU935			QWU936	QWU937		
Sampling Date		2021/10/04 15:04			2021/10/04 15:26	2021/10/04 14:58		
COC Number		N/A			N/A	N/A		
	UNITS	MEL-SR1 Lab-Dup	RDL	QC Batch	MEL-SR13	MEL-SR1US	RDL	QC Batch
Calculated Parameters								
Dissolved Hardness (CaCO3)	mg/L				300	204	0.50	7643360
Metals								
Dissolved Aluminum (Al)	mg/L	0.0249	0.0030	7650408	0.0043	0.0463	0.0030	7647267
Dissolved Antimony (Sb)	mg/L	<0.00050	0.00050	7650408	<0.00050	0.00051	0.00050	7647267
Dissolved Arsenic (As)	mg/L	0.00200	0.00010	7650408	0.00051	0.00159	0.00010	7647267
Dissolved Barium (Ba)	mg/L	0.0365	0.0010	7650408	0.0279	0.0292	0.0010	7647267
Dissolved Beryllium (Be)	mg/L	<0.00010	0.00010	7650408	<0.00010	<0.00010	0.00010	7647267
Dissolved Bismuth (Bi)	mg/L	<0.0010	0.0010	7650408	<0.0010	<0.0010	0.0010	7647267
Dissolved Boron (B)	mg/L	<0.050	0.050	7650408	0.057	0.095	0.050	7647267
Dissolved Cadmium (Cd)	mg/L	<0.000010	0.000010	7650408	<0.000010	0.000016	0.000010	7647267
Dissolved Chromium (Cr)	mg/L	<0.0010	0.0010	7650408	<0.0010	<0.0010	0.0010	7647267
Dissolved Cobalt (Co)	mg/L	<0.00020	0.00020	7650408	<0.00020	0.00029	0.00020	7647267
Dissolved Copper (Cu)	mg/L	0.00269	0.00020	7650408	0.00354	0.00306	0.00020	7647267
Dissolved Iron (Fe)	mg/L	0.0052	0.0050	7650408	0.0096	<0.0050	0.0050	7647267
Dissolved Lead (Pb)	mg/L	<0.00020	0.00020	7650408	<0.00020	<0.00020	0.00020	7647267
Dissolved Lithium (Li)	mg/L	0.0121	0.0020	7650408	0.0059	0.0051	0.0020	7647267
Dissolved Manganese (Mn)	mg/L	0.0013	0.0010	7650408	0.0012	0.0094	0.0010	7647267
Dissolved Molybdenum (Mo)	mg/L	0.0011	0.0010	7650408	0.0017	0.0026	0.0010	7647267
Dissolved Nickel (Ni)	mg/L	0.0050	0.0010	7650408	0.0026	0.0312	0.0010	7647267
Dissolved Selenium (Se)	mg/L	<0.00010	0.00010	7650408	<0.00010	0.00020	0.00010	7647267
Dissolved Silicon (Si)	mg/L	1.08	0.10	7650408	1.94	1.06	0.10	7647267
Dissolved Silver (Ag)	mg/L	<0.000020	0.000020	7650408	<0.000020	<0.000020	0.000020	7647267
Dissolved Strontium (Sr)	mg/L	0.432	0.0010	7650408	0.332	0.243	0.0010	7647267
Dissolved Thallium (Tl)	mg/L	<0.000010	0.000010	7650408	<0.000010	0.000016	0.000010	7647267
Dissolved Tin (Sn)	mg/L	<0.0050	0.0050	7650408	<0.0050	<0.0050	0.0050	7647267
Dissolved Titanium (Ti)	mg/L	<0.0050	0.0050	7650408	<0.0050	<0.0050	0.0050	7647267
Dissolved Uranium (U)	mg/L	0.00179	0.00010	7650408	0.00282	0.00176	0.00010	7647267
Dissolved Vanadium (V)	mg/L	<0.0050	0.0050	7650408	<0.0050	<0.0050	0.0050	7647267
Dissolved Zinc (Zn)	mg/L	<0.0050	0.0050	7650408	0.0513	<0.0050	0.0050	7647267
Dissolved Zirconium (Zr)	mg/L	<0.00010	0.00010	7650408	<0.00010	<0.00010	0.00010	7647267

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate

DISS. ICPMS METALS FOR FEDERAL INT. GWQG (WATER)

Bureau Veritas ID		QWU935			QWU936	QWU937		
Sampling Date		2021/10/04 15:04			2021/10/04 15:26	2021/10/04 14:58		
COC Number		N/A			N/A	N/A		
	UNITS	MEL-SR1 Lab-Dup	RDL	QC Batch	MEL-SR13	MEL-SR1US	RDL	QC Batch
Dissolved Calcium (Ca)	mg/L				84.4	58.7	0.050	7643361
Dissolved Magnesium (Mg)	mg/L				21.7	13.9	0.050	7643361
Dissolved Potassium (K)	mg/L				9.32	8.60	0.050	7643361
Dissolved Sodium (Na)	mg/L				79.1	65.7	0.050	7643361
Dissolved Sulphur (S)	mg/L				51.4	43.8	3.0	7643361

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate

Bureau Veritas Job #: C1T3734
Report Date: 2021/10/21

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-1006009
Sampler Initials: AH

TOTAL ICPMS METALS FOR CCME CEQG FOR SW (WATER)

Bureau Veritas ID		QWU933	QWU934	QWU935	QWU936	QWU937		
Sampling Date		2021/10/04 14:15	2021/10/04 14:40	2021/10/04 15:04	2021/10/04 15:26	2021/10/04 14:58		
COC Number		N/A	N/A	N/A	N/A	N/A		
	UNITS	MEL-SR7	MEL-SR7US	MEL-SR1	MEL-SR13	MEL-SR1US	RDL	QC Batch
Metals								
Total Aluminum (Al)	mg/L	14.9	9.08	1.67	0.0221	7.07	0.0030	7646278
Total Antimony (Sb)	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	0.00057	0.00050	7646278
Total Arsenic (As)	mg/L	0.00975	0.00735	0.00370	0.00052	0.0103	0.00010	7646278
Total Barium (Ba)	mg/L	0.0657	0.141	0.0482	0.0278	0.0893	0.0010	7646278
Total Beryllium (Be)	mg/L	<0.00010	0.00012	<0.00010	<0.00010	<0.00010	0.00010	7646278
Total Bismuth (Bi)	mg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0010	7646278
Total Boron (B)	mg/L	<0.050	<0.050	<0.050	0.055	0.091	0.050	7646278
Total Cadmium (Cd)	mg/L	0.000104	0.000066	0.000016	<0.000010	0.000096	0.000010	7646278
Total Chromium (Cr)	mg/L	0.149	0.0412	0.0111	<0.0010	0.0412	0.0010	7646278
Total Cobalt (Co)	mg/L	0.0170	0.00955	0.00199	<0.00020	0.00821	0.00020	7646278
Total Copper (Cu)	mg/L	0.0397	0.0331	0.00698	0.00378	0.0331	0.00050	7646278
Total Iron (Fe)	mg/L	23.8	13.4	2.69	0.043	11.2	0.010	7646278
Total Lead (Pb)	mg/L	0.00556	0.00520	0.00102	<0.00020	0.00402	0.00020	7646278
Total Lithium (Li)	mg/L	0.0393	0.0165	0.0162	0.0059	0.0140	0.0020	7646278
Total Manganese (Mn)	mg/L	0.371	0.261	0.0517	0.0021	0.180	0.0010	7646278
Total Molybdenum (Mo)	mg/L	<0.0010	<0.0010	0.0011	<0.0010	0.0018	0.0010	7646278
Total Nickel (Ni)	mg/L	0.0542	0.0253	0.0106	0.0026	0.0704	0.0010	7646278
Total Selenium (Se)	mg/L	0.00013	0.00014	<0.00010	<0.00010	0.00031	0.00010	7646278
Total Silicon (Si)	mg/L	22.4	16.0	3.89	1.93	12.0	0.10	7646278
Total Silver (Ag)	mg/L	0.000027	0.000034	<0.000020	<0.000020	0.000029	0.000020	7646278
Total Strontium (Sr)	mg/L	0.348	0.280	0.458	0.327	0.273	0.0010	7646278
Total Thallium (Tl)	mg/L	0.000098	0.000142	0.000027	<0.000010	0.000106	0.000010	7646278
Total Tin (Sn)	mg/L	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	7646278
Total Titanium (Ti)	mg/L	0.554	0.526	0.0757	<0.0050	0.353	0.0050	7646278
Total Uranium (U)	mg/L	0.00126	0.00171	0.00197	0.00274	0.00201	0.00010	7646278
Total Vanadium (V)	mg/L	0.0361	0.0255	<0.0050	<0.0050	0.0192	0.0050	7646278
Total Zinc (Zn)	mg/L	0.165	0.0493	0.0185	0.0526	0.0500	0.0050	7646278
Total Zirconium (Zr)	mg/L	0.00118	0.00135	0.00043	<0.00010	0.00104	0.00010	7646278
Total Calcium (Ca)	mg/L	46.5	56.7	87.7	84.5	64.8	0.050	7646347
Total Magnesium (Mg)	mg/L	21.2	13.9	16.1	20.9	18.4	0.050	7646347
Total Potassium (K)	mg/L	6.79	9.94	9.01	9.17	9.83	0.050	7646347

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Bureau Veritas Job #: C1T3734
Report Date: 2021/10/21

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-1006009
Sampler Initials: AH

TOTAL ICPMS METALS FOR CCME CEQG FOR SW (WATER)

Bureau Veritas ID		QWU933	QWU934	QWU935	QWU936	QWU937		
Sampling Date		2021/10/04 14:15	2021/10/04 14:40	2021/10/04 15:04	2021/10/04 15:26	2021/10/04 14:58		
COC Number		N/A	N/A	N/A	N/A	N/A		
	UNITS	MEL-SR7	MEL-SR7US	MEL-SR1	MEL-SR13	MEL-SR1US	RDL	QC Batch
Total Sodium (Na)	mg/L	33.6	31.6	54.4	77.4	63.4	0.050	7646347
Total Sulphur (S)	mg/L	18.7	14.5	39.9	48.5	41.3	3.0	7646347
Calculated Parameters								
Total Hardness (CaCO3)	mg/L	203	199	285	297	237	0.50	7646309

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Bureau Veritas Job #: C1T3734
Report Date: 2021/10/21

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-1006009
Sampler Initials: AH

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		QWU933			QWU934			QWU935		
Sampling Date		2021/10/04 14:15			2021/10/04 14:40			2021/10/04 15:04		
COC Number		N/A			N/A			N/A		
	UNITS	MEL-SR7	RDL	QC Batch	MEL-SR7US	RDL	QC Batch	MEL-SR1	RDL	QC Batch
Calculated Parameters										
Calculated TDS	mg/L	260	1.0	7631691	270	1.0	7631691	450	1.0	7631691
Inorganics										
Total Ammonia-N	mg/L	0.13	0.050	7634491	0.072	0.050	7634491	0.085	0.050	7634491
Total Dissolved Solids	mg/L	315	10	7633968	295	10	7633968	510	10	7633968
Fluoride (F-)	mg/L	<0.10	0.10	7635172	<0.10	0.10	7635172	0.11	0.10	7635172
Orthophosphate (P)	mg/L	<0.010	0.010	7635081	<0.010	0.010	7635081	<0.010	0.010	7635081
pH	pH	7.82		7635174	8.00		7635174	8.06		7635174
Total Phosphorus	mg/L	0.24	0.10	7633913	0.23	0.040	7633913	0.025	0.020	7633913
Reactive Silica (SiO2)	mg/L	1.8	0.050	7647215	3.0	0.050	7643838	2.5	0.050	7643838
Total Suspended Solids	mg/L	250	3	7635128	160	3	7633470	40	1	7633470
Dissolved Sulphate (SO4)	mg/L	50	1.0	7635073	38	1.0	7635073	100	1.0	7635073
Total Cyanide (CN)	mg/L	<0.0050	0.0050	7633478	<0.0050	0.0050	7633478	<0.0050	0.0050	7633478
Turbidity	NTU	190	0.1	7633912	140	0.1	7633912	24	0.1	7633912
Alkalinity (Total as CaCO3)	mg/L	74	1.0	7635173	120	1.0	7635173	140	1.0	7635173
Dissolved Chloride (Cl-)	mg/L	75	1.0	7635072	65	1.0	7635072	110	1.0	7635072
Nitrite (N)	mg/L	<0.010	0.010	7635032	<0.010	0.010	7635032	<0.010	0.010	7634780
Nitrate (N)	mg/L	0.12	0.10	7635032	0.12	0.10	7635032	0.23	0.10	7634780
Nitrate + Nitrite (N)	mg/L	0.12	0.10	7635032	0.12	0.10	7635032	0.23	0.10	7634780
Petroleum Hydrocarbons										
Total Oil & Grease	mg/L	<0.50	0.50	7640577	<0.50	0.50	7640577	<0.50	0.50	7640577

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Bureau Veritas Job #: C1T3734
Report Date: 2021/10/21

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-1006009
Sampler Initials: AH

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		QWU936			QWU937		
Sampling Date		2021/10/04 15:26			2021/10/04 14:58		
COC Number		N/A			N/A		
	UNITS	MEL-SR13	RDL	QC Batch	MEL-SR1US	RDL	QC Batch
Calculated Parameters							
Calculated TDS	mg/L	550	1.0	7631691	430	1.0	7631691
Inorganics							
Total Ammonia-N	mg/L	<0.050	0.050	7634491	0.074	0.050	7634491
Total Dissolved Solids	mg/L	595	10	7633968	445	10	7633968
Fluoride (F-)	mg/L	0.13	0.10	7638130	0.12	0.10	7635172
Orthophosphate (P)	mg/L	<0.010	0.010	7638064	<0.010	0.010	7635081
pH	pH	8.15		7638149	7.90		7635174
Total Phosphorus	mg/L	0.025	0.020	7633913	0.22	0.020	7633913
Reactive Silica (SiO2)	mg/L	3.9	0.050	7647215	2.2	0.050	7643838
Total Suspended Solids	mg/L	<1	1	7635128	200	3	7635128
Dissolved Sulphate (SO4)	mg/L	130	1.0	7638067	120	1.0	7635073
Total Cyanide (CN)	mg/L	<0.0050	0.0050	7633478	<0.0050	0.0050	7633478
Turbidity	NTU	0.7	0.1	7637515	72	0.1	7633912
Alkalinity (Total as CaCO3)	mg/L	160	1.0	7638145	94	1.0	7635173
Dissolved Chloride (Cl-)	mg/L	130	1.0	7638059	110	1.0	7635072
Nitrite (N)	mg/L	<0.010	0.010	7638019	<0.010	0.010	7635032
Nitrate (N)	mg/L	<0.10	0.10	7638019	1.46	0.10	7635032
Nitrate + Nitrite (N)	mg/L	<0.10	0.10	7638019	1.46	0.10	7635032
Petroleum Hydrocarbons							
Total Oil & Grease	mg/L	<0.50	0.50	7640577	<0.50	0.50	7640577

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Bureau Veritas Job #: C1T3734
Report Date: 2021/10/21

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-1006009
Sampler Initials: AH

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		QWU933		QWU934		QWU935	QWU936		
Sampling Date		2021/10/04 14:15		2021/10/04 14:40		2021/10/04 15:04	2021/10/04 15:26		
COC Number		N/A		N/A		N/A	N/A		
	UNITS	MEL-SR7	QC Batch	MEL-SR7US	QC Batch	MEL-SR1	MEL-SR13	RDL	QC Batch
Metals									
Mercury (Hg)	mg/L	<0.00001	7636801	<0.00001	7636840	<0.00001	<0.00001	0.00001	7636801

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Bureau Veritas ID		QWU937		
Sampling Date		2021/10/04 14:58		
COC Number		N/A		
	UNITS	MEL-SR1US	RDL	QC Batch
Metals				
Mercury (Hg)	mg/L	<0.00001	0.00001	7636801

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Bureau Veritas Job #: C1T3734
Report Date: 2021/10/21

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-1006009
Sampler Initials: AH

TEST SUMMARY

Bureau Veritas ID: QWU933
Sample ID: MEL-SR7
Matrix: Water

Collected: 2021/10/04
Shipped:
Received: 2021/10/07

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	7635173	N/A	2021/10/14	Surinder Rai
Chloride by Automated Colourimetry	KONE	7635072	N/A	2021/10/14	Alina Dobreanu
Total Cyanide	SKAL/CN	7633478	2021/10/13	2021/10/13	Nimarta Singh
Fluoride	ISE	7635172	2021/10/13	2021/10/14	Surinder Rai
Mercury (low level)	CV/AA	7636801	2021/10/14	2021/10/15	Gagandeep Rai
Hardness Total (calculated as CaCO3)	CALC	7646309	N/A	2021/10/19	Automated Statchk
Hardness (calculated as CaCO3)	CALC	7643360	N/A	2021/10/19	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	7643361	N/A	2021/10/19	Automated Statchk
Elements by CRC ICPMS (dissolved)	ICP/MS	7647267	N/A	2021/10/19	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	7646347	2021/10/19	2021/10/19	Automated Statchk
Elements by CRC ICPMS (total)	ICP/MS	7646278	2021/10/18	2021/10/19	Andrew An
Silica (Reactive)	KONE	7647215	N/A	2021/10/17	Serena Tian
Total Ammonia-N	LACH/NH4	7634491	N/A	2021/10/14	Amanpreet Sappal
Nitrate & Nitrite as Nitrogen in Water	LACH	7635032	N/A	2021/10/14	Chandra Nandlal
Total Oil and Grease	BAL	7640577	2021/10/15	2021/10/15	Saumya Modh
pH	AT	7635174	2021/10/13	2021/10/14	Surinder Rai
Orthophosphate	KONE	7635081	N/A	2021/10/14	Avneet Kour Sudan
Sulphate by Automated Colourimetry	KONE	7635073	N/A	2021/10/14	Avneet Kour Sudan
Calculated Total Dissolved Solids	CALC	7631691	N/A	2021/10/21	Automated Statchk
Total Dissolved Solids	BAL	7633968	2021/10/13	2021/10/14	Sandeep Kaur
Total Phosphorus (Colourimetric)	LACH/P	7633913	2021/10/13	2021/10/14	Shivani Shivani
Low Level Total Suspended Solids	BAL	7635128	2021/10/14	2021/10/14	Sandeep Kaur
Turbidity	AT	7633912	N/A	2021/10/14	Neil Dassanayake

Bureau Veritas ID: QWU934
Sample ID: MEL-SR7US
Matrix: Water

Collected: 2021/10/04
Shipped:
Received: 2021/10/07

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	7635173	N/A	2021/10/14	Surinder Rai
Chloride by Automated Colourimetry	KONE	7635072	N/A	2021/10/14	Alina Dobreanu
Total Cyanide	SKAL/CN	7633478	2021/10/13	2021/10/13	Nimarta Singh
Fluoride	ISE	7635172	2021/10/13	2021/10/14	Surinder Rai
Mercury (low level)	CV/AA	7636840	2021/10/14	2021/10/14	Gagandeep Rai
Hardness Total (calculated as CaCO3)	CALC	7646309	N/A	2021/10/19	Automated Statchk
Hardness (calculated as CaCO3)	CALC	7643360	N/A	2021/10/19	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	7643361	N/A	2021/10/19	Automated Statchk
Elements by CRC ICPMS (dissolved)	ICP/MS	7647267	N/A	2021/10/19	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	7646347	2021/10/19	2021/10/19	Automated Statchk
Elements by CRC ICPMS (total)	ICP/MS	7646278	2021/10/18	2021/10/19	Andrew An
Silica (Reactive)	KONE	7643838	N/A	2021/10/17	Serena Tian
Total Ammonia-N	LACH/NH4	7634491	N/A	2021/10/14	Amanpreet Sappal
Nitrate & Nitrite as Nitrogen in Water	LACH	7635032	N/A	2021/10/14	Chandra Nandlal
Total Oil and Grease	BAL	7640577	2021/10/15	2021/10/15	Saumya Modh
pH	AT	7635174	2021/10/13	2021/10/14	Surinder Rai

Bureau Veritas Job #: C1T3734
Report Date: 2021/10/21

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-1006009
Sampler Initials: AH

TEST SUMMARY

Bureau Veritas ID: QWU934
Sample ID: MEL-SR7US
Matrix: Water

Collected: 2021/10/04
Shipped:
Received: 2021/10/07

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Orthophosphate	KONE	7635081	N/A	2021/10/14	Avneet Kour Sudan
Sulphate by Automated Colourimetry	KONE	7635073	N/A	2021/10/14	Avneet Kour Sudan
Calculated Total Dissolved Solids	CALC	7631691	N/A	2021/10/21	Automated Statchk
Total Dissolved Solids	BAL	7633968	2021/10/13	2021/10/14	Sandeep Kaur
Total Phosphorus (Colourimetric)	LACH/P	7633913	2021/10/13	2021/10/14	Shivani Shivani
Low Level Total Suspended Solids	BAL	7633470	2021/10/13	2021/10/14	Shaneil Hall
Turbidity	AT	7633912	N/A	2021/10/14	Neil Dassanayake

Bureau Veritas ID: QWU935
Sample ID: MEL-SR1
Matrix: Water

Collected: 2021/10/04
Shipped:
Received: 2021/10/07

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	7635173	N/A	2021/10/14	Surinder Rai
Chloride by Automated Colourimetry	KONE	7635072	N/A	2021/10/14	Alina Dobreanu
Total Cyanide	SKAL/CN	7633478	2021/10/13	2021/10/13	Nimarta Singh
Fluoride	ISE	7635172	2021/10/13	2021/10/14	Surinder Rai
Mercury (low level)	CV/AA	7636801	2021/10/14	2021/10/15	Gagandeep Rai
Hardness Total (calculated as CaCO3)	CALC	7646309	N/A	2021/10/19	Automated Statchk
Hardness (calculated as CaCO3)	CALC	7643360	N/A	2021/10/20	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	7643361	N/A	2021/10/20	Automated Statchk
Elements by CRC ICPMS (dissolved)	ICP/MS	7650408	N/A	2021/10/20	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	7646347	2021/10/19	2021/10/19	Automated Statchk
Elements by CRC ICPMS (total)	ICP/MS	7646278	2021/10/18	2021/10/19	Andrew An
Silica (Reactive)	KONE	7643838	N/A	2021/10/17	Serena Tian
Total Ammonia-N	LACH/NH4	7634491	N/A	2021/10/14	Amanpreet Sappal
Nitrate & Nitrite as Nitrogen in Water	LACH	7634780	N/A	2021/10/14	Chandra Nandlal
Total Oil and Grease	BAL	7640577	2021/10/15	2021/10/15	Saumya Modh
pH	AT	7635174	2021/10/13	2021/10/14	Surinder Rai
Orthophosphate	KONE	7635081	N/A	2021/10/14	Avneet Kour Sudan
Sulphate by Automated Colourimetry	KONE	7635073	N/A	2021/10/14	Avneet Kour Sudan
Calculated Total Dissolved Solids	CALC	7631691	N/A	2021/10/21	Automated Statchk
Total Dissolved Solids	BAL	7633968	2021/10/13	2021/10/14	Sandeep Kaur
Total Phosphorus (Colourimetric)	LACH/P	7633913	2021/10/13	2021/10/14	Shivani Shivani
Low Level Total Suspended Solids	BAL	7633470	2021/10/13	2021/10/14	Shaneil Hall
Turbidity	AT	7633912	N/A	2021/10/14	Neil Dassanayake

Bureau Veritas ID: QWU935 Dup
Sample ID: MEL-SR1
Matrix: Water

Collected: 2021/10/04
Shipped:
Received: 2021/10/07

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Elements by CRC ICPMS (dissolved)	ICP/MS	7650408	N/A	2021/10/20	Andrew An

Bureau Veritas Job #: C1T3734
Report Date: 2021/10/21

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-1006009
Sampler Initials: AH

TEST SUMMARY

Bureau Veritas ID: QWU936
Sample ID: MEL-SR13
Matrix: Water

Collected: 2021/10/04
Shipped:
Received: 2021/10/07

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	7638145	N/A	2021/10/15	Surinder Rai
Chloride by Automated Colourimetry	KONE	7638059	N/A	2021/10/15	Alina Dobreanu
Total Cyanide	SKAL/CN	7633478	2021/10/13	2021/10/13	Nimarta Singh
Fluoride	ISE	7638130	2021/10/14	2021/10/15	Surinder Rai
Mercury (low level)	CV/AA	7636801	2021/10/14	2021/10/15	Gagandeep Rai
Hardness Total (calculated as CaCO3)	CALC	7646309	N/A	2021/10/19	Automated Statchk
Hardness (calculated as CaCO3)	CALC	7643360	N/A	2021/10/19	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	7643361	N/A	2021/10/19	Automated Statchk
Elements by CRC ICPMS (dissolved)	ICP/MS	7647267	N/A	2021/10/19	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	7646347	2021/10/19	2021/10/19	Automated Statchk
Elements by CRC ICPMS (total)	ICP/MS	7646278	2021/10/18	2021/10/19	Andrew An
Silica (Reactive)	KONE	7647215	N/A	2021/10/17	Serena Tian
Total Ammonia-N	LACH/NH4	7634491	N/A	2021/10/14	Amanpreet Sappal
Nitrate & Nitrite as Nitrogen in Water	LACH	7638019	N/A	2021/10/15	Nimarta Singh
Total Oil and Grease	BAL	7640577	2021/10/15	2021/10/15	Saumya Modh
pH	AT	7638149	2021/10/14	2021/10/15	Surinder Rai
Orthophosphate	KONE	7638064	N/A	2021/10/15	Avneet Kour Sudan
Sulphate by Automated Colourimetry	KONE	7638067	N/A	2021/10/15	Avneet Kour Sudan
Calculated Total Dissolved Solids	CALC	7631691	N/A	2021/10/21	Automated Statchk
Total Dissolved Solids	BAL	7633968	2021/10/13	2021/10/14	Sandeep Kaur
Total Phosphorus (Colourimetric)	LACH/P	7633913	2021/10/13	2021/10/14	Shivani Shivani
Low Level Total Suspended Solids	BAL	7635128	2021/10/14	2021/10/14	Sandeep Kaur
Turbidity	AT	7637515	N/A	2021/10/14	Neil Dassanayake

Bureau Veritas ID: QWU937
Sample ID: MEL-SR1US
Matrix: Water

Collected: 2021/10/04
Shipped:
Received: 2021/10/07

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	7635173	N/A	2021/10/14	Surinder Rai
Chloride by Automated Colourimetry	KONE	7635072	N/A	2021/10/14	Alina Dobreanu
Total Cyanide	SKAL/CN	7633478	2021/10/13	2021/10/13	Nimarta Singh
Fluoride	ISE	7635172	2021/10/13	2021/10/14	Surinder Rai
Mercury (low level)	CV/AA	7636801	2021/10/14	2021/10/15	Gagandeep Rai
Hardness Total (calculated as CaCO3)	CALC	7646309	N/A	2021/10/19	Automated Statchk
Hardness (calculated as CaCO3)	CALC	7643360	N/A	2021/10/19	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	7643361	N/A	2021/10/19	Automated Statchk
Elements by CRC ICPMS (dissolved)	ICP/MS	7647267	N/A	2021/10/19	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	7646347	2021/10/19	2021/10/19	Automated Statchk
Elements by CRC ICPMS (total)	ICP/MS	7646278	2021/10/18	2021/10/19	Andrew An
Silica (Reactive)	KONE	7643838	N/A	2021/10/17	Serena Tian
Total Ammonia-N	LACH/NH4	7634491	N/A	2021/10/14	Amanpreet Sappal
Nitrate & Nitrite as Nitrogen in Water	LACH	7635032	N/A	2021/10/14	Chandra Nandlal
Total Oil and Grease	BAL	7640577	2021/10/15	2021/10/15	Saumya Modh
pH	AT	7635174	2021/10/13	2021/10/14	Surinder Rai

Bureau Veritas Job #: C1T3734
Report Date: 2021/10/21

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-1006009
Sampler Initials: AH

TEST SUMMARY

Bureau Veritas ID: QWU937
Sample ID: MEL-SR1US
Matrix: Water

Collected: 2021/10/04
Shipped:
Received: 2021/10/07

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Orthophosphate	KONE	7635081	N/A	2021/10/14	Avneet Kour Sudan
Sulphate by Automated Colourimetry	KONE	7635073	N/A	2021/10/14	Avneet Kour Sudan
Calculated Total Dissolved Solids	CALC	7631691	N/A	2021/10/21	Automated Statchk
Total Dissolved Solids	BAL	7633968	2021/10/13	2021/10/14	Sandeep Kaur
Total Phosphorus (Colourimetric)	LACH/P	7633913	2021/10/13	2021/10/14	Shivani Shivani
Low Level Total Suspended Solids	BAL	7635128	2021/10/14	2021/10/14	Sandeep Kaur
Turbidity	AT	7633912	N/A	2021/10/14	Neil Dassanayake

GENERAL COMMENTS

Each temperature is the average of up to three cooler temperatures taken at receipt

Package 1	15.7°C
Package 2	15.7°C
Package 3	14.0°C
Package 4	16.7°C
Package 5	16.0°C
Package 6	16.7°C
Package 7	14.3°C
Package 8	14.0°C
Package 9	16.3°C
Package 10	16.7°C
Package 11	15.3°C
Package 12	14.7°C
Package 13	15.3°C
Package 14	14.0°C
Package 15	16.3°C
Package 16	16.0°C
Package 17	16.3°C
Package 18	15.0°C

Sample QWU933 [MEL-SR7] : The sample for dissolved metals was filtered and preserved at the lab. Values may not reflect concentrations at the time of sampling.

Sample QWU934 [MEL-SR7US] : The sample for dissolved metals was filtered and preserved at the lab. Values may not reflect concentrations at the time of sampling.

Sample QWU935 [MEL-SR1] : The sample for dissolved metals was filtered and preserved at the lab. Values may not reflect concentrations at the time of sampling.

Sample QWU936 [MEL-SR13] : The sample for dissolved metals was filtered and preserved at the lab. Values may not reflect concentrations at the time of sampling.

Sample QWU937 [MEL-SR1US] : The sample for dissolved metals was filtered and preserved at the lab. Values may not reflect concentrations at the time of sampling.

Results relate only to the items tested.

Bureau Veritas Job #: C1T3734
Report Date: 2021/10/21

QUALITY ASSURANCE REPORT

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-1006009
Sampler Initials: AH

			Matrix Spike		SPIKED BLANK		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
7633470	Total Suspended Solids	2021/10/14					<1	mg/L	0	25	97	85 - 115
7633478	Total Cyanide (CN)	2021/10/13	101	80 - 120	100	80 - 120	<0.0050	mg/L	NC	20		
7633912	Turbidity	2021/10/14			95	85 - 115	<0.1	NTU	0	20		
7633913	Total Phosphorus	2021/10/14	96	80 - 120	100	80 - 120	<0.020	mg/L	1.2	20	98	80 - 120
7633968	Total Dissolved Solids	2021/10/14					<10	mg/L	1.3	25	102	90 - 110
7634491	Total Ammonia-N	2021/10/14	NC	75 - 125	101	80 - 120	<0.050	mg/L	0.62	20		
7634780	Nitrate (N)	2021/10/14	103	80 - 120	99	80 - 120	<0.10	mg/L	NC	20		
7634780	Nitrite (N)	2021/10/14	106	80 - 120	100	80 - 120	<0.010	mg/L	NC	20		
7635032	Nitrate (N)	2021/10/14	100	80 - 120	99	80 - 120	<0.10	mg/L	0.25	20		
7635032	Nitrite (N)	2021/10/14	98	80 - 120	100	80 - 120	<0.010	mg/L	NC	20		
7635072	Dissolved Chloride (Cl-)	2021/10/14	NC	80 - 120	102	80 - 120	<1.0	mg/L	6.0	20		
7635073	Dissolved Sulphate (SO4)	2021/10/14	NC	75 - 125	100	80 - 120	<1.0	mg/L	0.60	20		
7635081	Orthophosphate (P)	2021/10/14	115	75 - 125	100	80 - 120	<0.010	mg/L	NC	25		
7635128	Total Suspended Solids	2021/10/14					<1	mg/L	0	25	95	85 - 115
7635172	Fluoride (F-)	2021/10/14	96	80 - 120	98	80 - 120	<0.10	mg/L	NC	20		
7635173	Alkalinity (Total as CaCO3)	2021/10/14			97	85 - 115	<1.0	mg/L	10	20		
7635174	pH	2021/10/14			101	98 - 103			0.15	N/A		
7636801	Mercury (Hg)	2021/10/15	100	75 - 125	100	80 - 120	<0.00001	mg/L	NC	20		
7636840	Mercury (Hg)	2021/10/14	85	75 - 125	94	80 - 120	<0.00001	mg/L	NC	20		
7637515	Turbidity	2021/10/14			96	85 - 115	<0.1	NTU	0.45	20		
7638019	Nitrate (N)	2021/10/15	99	80 - 120	99	80 - 120	<0.10	mg/L	1.3	20		
7638019	Nitrite (N)	2021/10/15	103	80 - 120	100	80 - 120	<0.010	mg/L	3.5	20		
7638059	Dissolved Chloride (Cl-)	2021/10/15	101	80 - 120	102	80 - 120	<1.0	mg/L	0.92	20		
7638064	Orthophosphate (P)	2021/10/15	108	75 - 125	98	80 - 120	<0.010	mg/L	4.9	25		
7638067	Dissolved Sulphate (SO4)	2021/10/15	110	75 - 125	102	80 - 120	<1.0	mg/L	0.090	20		
7638130	Fluoride (F-)	2021/10/15	32 (1)	80 - 120	100	80 - 120	<0.10	mg/L	NC	20		
7638145	Alkalinity (Total as CaCO3)	2021/10/15			97	85 - 115	<1.0	mg/L	0.46	20		
7638149	pH	2021/10/15			101	98 - 103			0.55	N/A		
7640577	Total Oil & Grease	2021/10/15			99	85 - 115	<0.50	mg/L	2.1	25		
7643838	Reactive Silica (SiO2)	2021/10/17	99	80 - 120	105	80 - 120	<0.050	mg/L				
7646278	Total Aluminum (Al)	2021/10/19	101	80 - 120	106	80 - 120	<0.0030	mg/L				
7646278	Total Antimony (Sb)	2021/10/19	101	80 - 120	105	80 - 120	<0.00050	mg/L				

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
7646278	Total Arsenic (As)	2021/10/19	103	80 - 120	102	80 - 120	<0.00010	mg/L				
7646278	Total Barium (Ba)	2021/10/19	NC	80 - 120	103	80 - 120	<0.0010	mg/L				
7646278	Total Beryllium (Be)	2021/10/19	98	80 - 120	103	80 - 120	<0.00010	mg/L				
7646278	Total Bismuth (Bi)	2021/10/19	95	80 - 120	102	80 - 120	<0.0010	mg/L				
7646278	Total Boron (B)	2021/10/19	99	80 - 120	100	80 - 120	<0.050	mg/L				
7646278	Total Cadmium (Cd)	2021/10/19	99	80 - 120	104	80 - 120	<0.000010	mg/L				
7646278	Total Chromium (Cr)	2021/10/19	92	80 - 120	99	80 - 120	<0.0010	mg/L				
7646278	Total Cobalt (Co)	2021/10/19	90	80 - 120	98	80 - 120	<0.00020	mg/L				
7646278	Total Copper (Cu)	2021/10/19	87	80 - 120	98	80 - 120	<0.00050	mg/L				
7646278	Total Iron (Fe)	2021/10/19	99	80 - 120	103	80 - 120	<0.010	mg/L				
7646278	Total Lead (Pb)	2021/10/19	100	80 - 120	105	80 - 120	<0.00020	mg/L				
7646278	Total Lithium (Li)	2021/10/19	95	80 - 120	102	80 - 120	<0.0020	mg/L				
7646278	Total Manganese (Mn)	2021/10/19	94	80 - 120	102	80 - 120	<0.0010	mg/L				
7646278	Total Molybdenum (Mo)	2021/10/19	NC	80 - 120	103	80 - 120	<0.0010	mg/L				
7646278	Total Nickel (Ni)	2021/10/19	91	80 - 120	101	80 - 120	<0.0010	mg/L				
7646278	Total Selenium (Se)	2021/10/19	102	80 - 120	101	80 - 120	<0.00010	mg/L				
7646278	Total Silicon (Si)	2021/10/19	104	80 - 120	112	80 - 120	<0.10	mg/L				
7646278	Total Silver (Ag)	2021/10/19	97	80 - 120	100	80 - 120	<0.000020	mg/L				
7646278	Total Strontium (Sr)	2021/10/19	NC	80 - 120	100	80 - 120	<0.0010	mg/L				
7646278	Total Thallium (Tl)	2021/10/19	102	80 - 120	105	80 - 120	<0.000010	mg/L				
7646278	Total Tin (Sn)	2021/10/19	101	80 - 120	103	80 - 120	<0.0050	mg/L				
7646278	Total Titanium (Ti)	2021/10/19	105	80 - 120	106	80 - 120	<0.0050	mg/L				
7646278	Total Uranium (U)	2021/10/19	107	80 - 120	108	80 - 120	<0.00010	mg/L				
7646278	Total Vanadium (V)	2021/10/19	99	80 - 120	103	80 - 120	<0.0050	mg/L				
7646278	Total Zinc (Zn)	2021/10/19	93	80 - 120	103	80 - 120	<0.0050	mg/L				
7646278	Total Zirconium (Zr)	2021/10/19	106	80 - 120	104	80 - 120	<0.00010	mg/L				
7647215	Reactive Silica (SiO2)	2021/10/17	99	80 - 120	104	80 - 120	<0.050	mg/L				
7647267	Dissolved Aluminum (Al)	2021/10/19	97	80 - 120	100	80 - 120	<0.0030	mg/L				
7647267	Dissolved Antimony (Sb)	2021/10/19	98	80 - 120	101	80 - 120	<0.00050	mg/L				
7647267	Dissolved Arsenic (As)	2021/10/19	102	80 - 120	100	80 - 120	<0.00010	mg/L				
7647267	Dissolved Barium (Ba)	2021/10/19	NC	80 - 120	99	80 - 120	<0.0010	mg/L				
7647267	Dissolved Beryllium (Be)	2021/10/19	94	80 - 120	101	80 - 120	<0.00010	mg/L				

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
7647267	Dissolved Bismuth (Bi)	2021/10/19	93	80 - 120	100	80 - 120	<0.0010	mg/L				
7647267	Dissolved Boron (B)	2021/10/19	NC	80 - 120	101	80 - 120	<0.050	mg/L				
7647267	Dissolved Cadmium (Cd)	2021/10/19	97	80 - 120	100	80 - 120	<0.000010	mg/L				
7647267	Dissolved Chromium (Cr)	2021/10/19	88	80 - 120	94	80 - 120	<0.0010	mg/L				
7647267	Dissolved Cobalt (Co)	2021/10/19	86	80 - 120	92	80 - 120	<0.00020	mg/L				
7647267	Dissolved Copper (Cu)	2021/10/19	83	80 - 120	93	80 - 120	<0.00020	mg/L				
7647267	Dissolved Iron (Fe)	2021/10/19	NC	80 - 120	101	80 - 120	<0.0050	mg/L				
7647267	Dissolved Lead (Pb)	2021/10/19	97	80 - 120	101	80 - 120	<0.00020	mg/L				
7647267	Dissolved Lithium (Li)	2021/10/19	100	80 - 120	101	80 - 120	<0.0020	mg/L				
7647267	Dissolved Manganese (Mn)	2021/10/19	NC	80 - 120	97	80 - 120	<0.0010	mg/L				
7647267	Dissolved Molybdenum (Mo)	2021/10/19	108	80 - 120	100	80 - 120	<0.0010	mg/L				
7647267	Dissolved Nickel (Ni)	2021/10/19	87	80 - 120	95	80 - 120	<0.0010	mg/L				
7647267	Dissolved Selenium (Se)	2021/10/19	102	80 - 120	97	80 - 120	<0.00010	mg/L				
7647267	Dissolved Silicon (Si)	2021/10/19	NC	80 - 120	108	80 - 120	<0.10	mg/L				
7647267	Dissolved Silver (Ag)	2021/10/19	95	80 - 120	97	80 - 120	<0.000020	mg/L				
7647267	Dissolved Strontium (Sr)	2021/10/19	NC	80 - 120	97	80 - 120	<0.0010	mg/L				
7647267	Dissolved Thallium (Tl)	2021/10/19	100	80 - 120	101	80 - 120	<0.000010	mg/L				
7647267	Dissolved Tin (Sn)	2021/10/19	100	80 - 120	101	80 - 120	<0.0050	mg/L				
7647267	Dissolved Titanium (Ti)	2021/10/19	96	80 - 120	100	80 - 120	<0.0050	mg/L				
7647267	Dissolved Uranium (U)	2021/10/19	106	80 - 120	105	80 - 120	<0.00010	mg/L				
7647267	Dissolved Vanadium (V)	2021/10/19	96	80 - 120	97	80 - 120	<0.0050	mg/L				
7647267	Dissolved Zinc (Zn)	2021/10/19	91	80 - 120	100	80 - 120	<0.0050	mg/L				
7647267	Dissolved Zirconium (Zr)	2021/10/19	107	80 - 120	99	80 - 120	<0.00010	mg/L				
7650408	Dissolved Aluminum (Al)	2021/10/20	89	80 - 120	92	80 - 120	<0.0030	mg/L	0.49	20		
7650408	Dissolved Antimony (Sb)	2021/10/20	97	80 - 120	97	80 - 120	<0.00050	mg/L	NC	20		
7650408	Dissolved Arsenic (As)	2021/10/20	101	80 - 120	98	80 - 120	<0.00010	mg/L	0.28	20		
7650408	Dissolved Barium (Ba)	2021/10/20	93	80 - 120	96	80 - 120	<0.0010	mg/L	0.56	20		
7650408	Dissolved Beryllium (Be)	2021/10/20	98	80 - 120	105	80 - 120	<0.00010	mg/L	NC	20		
7650408	Dissolved Bismuth (Bi)	2021/10/20	88	80 - 120	94	80 - 120	<0.0010	mg/L	NC	20		
7650408	Dissolved Boron (B)	2021/10/20	80	80 - 120	84	80 - 120	<0.050	mg/L	NC	20		
7650408	Dissolved Cadmium (Cd)	2021/10/20	94	80 - 120	97	80 - 120	<0.000010	mg/L	NC	20		
7650408	Dissolved Chromium (Cr)	2021/10/20	90	80 - 120	97	80 - 120	<0.0010	mg/L	NC	20		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
7650408	Dissolved Cobalt (Co)	2021/10/20	89	80 - 120	97	80 - 120	<0.00020	mg/L	NC	20		
7650408	Dissolved Copper (Cu)	2021/10/20	83	80 - 120	95	80 - 120	<0.00020	mg/L	0.64	20		
7650408	Dissolved Iron (Fe)	2021/10/20	96	80 - 120	100	80 - 120	<0.0050	mg/L	4.7	20		
7650408	Dissolved Lead (Pb)	2021/10/20	92	80 - 120	96	80 - 120	<0.00020	mg/L	NC	20		
7650408	Dissolved Lithium (Li)	2021/10/20	82	80 - 120	88	80 - 120	<0.0020	mg/L	1.3	20		
7650408	Dissolved Manganese (Mn)	2021/10/20	91	80 - 120	98	80 - 120	<0.0010	mg/L	1.4	20		
7650408	Dissolved Molybdenum (Mo)	2021/10/20	106	80 - 120	99	80 - 120	<0.0010	mg/L	3.7	20		
7650408	Dissolved Nickel (Ni)	2021/10/20	87	80 - 120	97	80 - 120	<0.0010	mg/L	2.6	20		
7650408	Dissolved Selenium (Se)	2021/10/20	102	80 - 120	102	80 - 120	<0.00010	mg/L	NC	20		
7650408	Dissolved Silicon (Si)	2021/10/20	94	80 - 120	94	80 - 120	<0.10	mg/L	0.87	20		
7650408	Dissolved Silver (Ag)	2021/10/20	89	80 - 120	93	80 - 120	<0.000020	mg/L	NC	20		
7650408	Dissolved Strontium (Sr)	2021/10/20	NC	80 - 120	92	80 - 120	<0.0010	mg/L	1.8	20		
7650408	Dissolved Thallium (Tl)	2021/10/20	93	80 - 120	94	80 - 120	<0.000010	mg/L	NC	20		
7650408	Dissolved Tin (Sn)	2021/10/20	97	80 - 120	96	80 - 120	<0.0050	mg/L	NC	20		
7650408	Dissolved Titanium (Ti)	2021/10/20	98	80 - 120	100	80 - 120	<0.0050	mg/L	NC	20		
7650408	Dissolved Uranium (U)	2021/10/20	97	80 - 120	96	80 - 120	<0.00010	mg/L	0.92	20		
7650408	Dissolved Vanadium (V)	2021/10/20	96	80 - 120	99	80 - 120	<0.0050	mg/L	NC	20		
7650408	Dissolved Zinc (Zn)	2021/10/20	89	80 - 120	100	80 - 120	<0.0050	mg/L	NC	20		
7650408	Dissolved Zirconium (Zr)	2021/10/20	106	80 - 120	98	80 - 120	<0.00010	mg/L	2.3	20		

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

QC Standard: A sample of known concentration prepared by an external agency under stringent conditions. Used as an independent check of method accuracy.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration)

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).

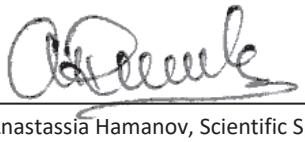
(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

Bureau Veritas Job #: C1T3734
Report Date: 2021/10/21

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-1006009
Sampler Initials: AH

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:



Anastassia Hamanov, Scientific Specialist

David Huang, BBY Scientific Specialist

Maria Magdalena Florescu, Ph.D., P.Chem., QP, Inorganics Manager

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Bureau Veritas Laboratories 100 – 36 Antares Dr. Nepean, ON, K2E 7W5 Phone: 613-274-0573 Website: www.bvna.com

Bureau Veritas Job #: C1T3734
Report Date: 2021/10/21

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-1006009
Sampler Initials: AH

Exceedance Summary Table – Metal Mining Effluent Reg

Result Exceedances

Sample ID	Bureau Veritas ID	Parameter	Criteria	Result	DL	UNITS
No Exceedances						

The exceedance summary table is for information purposes only and should not be considered a comprehensive listing or statement of conformance to applicable regulatory guidelines.

Bureau Veritas Laboratories 100 – 36 Antares Dr. Nepean, ON, K2E 7W5 Phone: 613-274-0573 Website: www.bvna.com

October 5, 2021 – Analytical Results

Your P.O. #: OL-1006009
Site Location: MELIADINE
Your C.O.C. #: n/a

Attention: Reporting

Agnico-Eagle
Meliadine
Meliadine Mine
Rankin Inlet, NU
CANADA X0C 0G0

Report Date: 2021/10/21
Report #: R6863179
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C1T4687
Received: 2021/10/08, 09:30

Sample Matrix: Water
Samples Received: 2

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity (1)	2	N/A	2021/10/14	CAM SOP-00448	SM 23 2320 B m
Chloride by Automated Colourimetry (1)	2	N/A	2021/10/14	CAM SOP-00463	SM 23 4500-Cl E m
Total Cyanide (1)	2	2021/10/13	2021/10/13	CAM SOP-00457	OMOE E3015 5 m
Fluoride (1)	2	2021/10/13	2021/10/14	CAM SOP-00449	SM 23 4500-F C m
Mercury (low level) (1)	2	2021/10/15	2021/10/15	CAM SOP-00453	EPA 7470 m
Hardness Total (calculated as CaCO3) (2, 4)	2	N/A	2021/10/19	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3) (2)	2	N/A	2021/10/20	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (diss.) (2)	2	N/A	2021/10/20	BBY7SOP-00002	EPA 6020B R2 m
Elements by CRC ICPMS (dissolved) (2)	2	N/A	2021/10/20	BBY7SOP-00002	EPA 6020B R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total) (2)	2	2021/10/12	2021/10/19	BBY7SOP-00002	EPA 6020B R2 m
Elements by CRC ICPMS (total) (2)	2	2021/10/18	2021/10/19	BBY7SOP-00003/ BBY7SOP-00002	EPA 6020B R2 m
Silica (Reactive) (3)	2	N/A	2021/10/17	AB SOP-00011	EPA370.1 R1978 m
Total Ammonia-N (1)	2	N/A	2021/10/18	CAM SOP-00441	USGS I-2522-90 m
Nitrate & Nitrite as Nitrogen in Water (1, 5)	2	N/A	2021/10/14	CAM SOP-00440	SM 23 4500-NO3I/NO2B
Total Oil and Grease (1)	2	2021/10/19	2021/10/19	CAM SOP-00326	EPA1664B m,SM5520B m
pH (1)	2	2021/10/13	2021/10/14	CAM SOP-00413	SM 4500H+ B m
Orthophosphate (1)	2	N/A	2021/10/14	CAM SOP-00461	EPA 365.1 m
Sulphate by Automated Colourimetry (1)	2	N/A	2021/10/14	CAM SOP-00464	EPA 375.4 m
Calculated Total Dissolved Solids (1)	2	N/A	2021/10/21		Auto Calc
Total Dissolved Solids (1)	2	2021/10/14	2021/10/15	CAM SOP-00428	SM 23 2540C m
Total Phosphorus (Colourimetric) (1)	2	2021/10/14	2021/10/14	CAM SOP-00407	SM 23 4500 P B H m
Low Level Total Suspended Solids (1)	2	2021/10/19	2021/10/20	CAM SOP-00428	SM 23 2540D m
Turbidity (1)	2	N/A	2021/10/13	CAM SOP-00417	SM 23 2130 B m

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, MELCC, EPA, APHA.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are

Your P.O. #: OL-1006009
Site Location: MELIADINE
Your C.O.C. #: n/a

Attention: Reporting

Agnico-Eagle
Meliadine
Meliadine Mine
Rankin Inlet, NU
CANADA X0C 0G0

Report Date: 2021/10/21
Report #: R6863179
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C1T4687
Received: 2021/10/08, 09:30

reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.
Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.
This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.
* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.
(1) This test was performed by Bureau Veritas Mississauga, 6740 Campobello Rd , Mississauga, ON, L5N 2L8
(2) This test was performed by Bureau Veritas Burnaby, 4606 Canada Way , Burnaby, BC, V5G 1K5
(3) This test was performed by Bureau Veritas Calgary (19th), 4000 19th Street NE , Calgary, AB, T2E 6P8
(4) "Total Hardness" was calculated from Total Ca and Mg concentrations and may be biased high (Hardness, or Dissolved Hardness, calculated from Dissolved Ca and Mg, should be used for compliance if available).
(5) Values for calculated parameters may not appear to add up due to rounding of raw data and significant figures.

Encryption Key

Katherine Szozda
Project Manager
21 Oct 2021 18:00:32

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Katherine Szozda, Project Manager
Email: Katherine.Szozda@bureauveritas.com
Phone# (613)274-0573 Ext:7063633

==========

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Bureau Veritas Job #: C1T4687
Report Date: 2021/10/21

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-1006009
Sampler Initials: BF

DISS. ICPMS METALS FOR FEDERAL INT. GWQG (WATER)

Bureau Veritas ID		QXA252	QXA253		
Sampling Date		2021/10/05 14:18	2021/10/05 13:50		
COC Number		n/a	n/a		
	UNITS	MEL-SR1	MEL-SR7	RDL	QC Batch
Calculated Parameters					
Dissolved Hardness (CaCO3)	mg/L	320	289	0.50	7643360
Metals					
Dissolved Aluminum (Al)	mg/L	0.0096	0.0061	0.0030	7650408
Dissolved Antimony (Sb)	mg/L	<0.00050	<0.00050	0.00050	7650408
Dissolved Arsenic (As)	mg/L	0.00201	0.00679	0.00010	7650408
Dissolved Barium (Ba)	mg/L	0.0440	0.0359	0.0010	7650408
Dissolved Beryllium (Be)	mg/L	<0.00010	<0.00010	0.00010	7650408
Dissolved Bismuth (Bi)	mg/L	<0.0010	<0.0010	0.0010	7650408
Dissolved Boron (B)	mg/L	0.050	<0.050	0.050	7650408
Dissolved Cadmium (Cd)	mg/L	0.000013	0.000016	0.000010	7650408
Dissolved Chromium (Cr)	mg/L	<0.0010	<0.0010	0.0010	7650408
Dissolved Cobalt (Co)	mg/L	0.00021	0.00119	0.00020	7650408
Dissolved Copper (Cu)	mg/L	0.00283	0.00476	0.00020	7650408
Dissolved Iron (Fe)	mg/L	0.0144	0.0087	0.0050	7650408
Dissolved Lead (Pb)	mg/L	<0.00020	<0.00020	0.00020	7650408
Dissolved Lithium (Li)	mg/L	0.0144	0.0110	0.0020	7650408
Dissolved Manganese (Mn)	mg/L	0.0145	0.0061	0.0010	7650408
Dissolved Molybdenum (Mo)	mg/L	0.0015	<0.0010	0.0010	7650408
Dissolved Nickel (Ni)	mg/L	0.0074	0.0100	0.0010	7650408
Dissolved Selenium (Se)	mg/L	<0.00010	0.00010	0.00010	7650408
Dissolved Silicon (Si)	mg/L	1.35	1.47	0.10	7650408
Dissolved Silver (Ag)	mg/L	<0.000020	<0.000020	0.000020	7650408
Dissolved Strontium (Sr)	mg/L	0.552	0.426	0.0010	7650408
Dissolved Thallium (Tl)	mg/L	<0.000010	<0.000010	0.000010	7650408
Dissolved Tin (Sn)	mg/L	<0.0050	<0.0050	0.0050	7650408
Dissolved Titanium (Ti)	mg/L	<0.0050	<0.0050	0.0050	7650408
Dissolved Uranium (U)	mg/L	0.00222	0.00189	0.00010	7650408
Dissolved Vanadium (V)	mg/L	<0.0050	<0.0050	0.0050	7650408
Dissolved Zinc (Zn)	mg/L	0.0189	<0.0050	0.0050	7650408
Dissolved Zirconium (Zr)	mg/L	0.00011	0.00011	0.00010	7650408
Dissolved Calcium (Ca)	mg/L	101	88.9	0.050	7643361

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

DISS. ICPMS METALS FOR FEDERAL INT. GWQG (WATER)

Bureau Veritas ID		QXA252	QXA253		
Sampling Date		2021/10/05 14:18	2021/10/05 13:50		
COC Number		n/a	n/a		
	UNITS	MEL-SR1	MEL-SR7	RDL	QC Batch
Dissolved Magnesium (Mg)	mg/L	16.5	16.3	0.050	7643361
Dissolved Potassium (K)	mg/L	9.90	8.42	0.050	7643361
Dissolved Sodium (Na)	mg/L	53.0	60.1	0.050	7643361
Dissolved Sulphur (S)	mg/L	43.1	39.0	3.0	7643361

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

TOTAL ICPMS METALS FOR CCME CEQG FOR SW (WATER)

Bureau Veritas ID		QXA252	QXA253		
Sampling Date		2021/10/05 14:18	2021/10/05 13:50		
COC Number		n/a	n/a		
	UNITS	MEL-SR1	MEL-SR7	RDL	QC Batch
Metals					
Total Aluminum (Al)	mg/L	0.268	0.0695	0.0030	7647303
Total Antimony (Sb)	mg/L	<0.00050	<0.00050	0.00050	7647303
Total Arsenic (As)	mg/L	0.00234	0.00688	0.00010	7647303
Total Barium (Ba)	mg/L	0.0469	0.0369	0.0010	7647303
Total Beryllium (Be)	mg/L	<0.00010	<0.00010	0.00010	7647303
Total Bismuth (Bi)	mg/L	<0.0010	<0.0010	0.0010	7647303
Total Boron (B)	mg/L	0.056	<0.050	0.050	7647303
Total Cadmium (Cd)	mg/L	0.000020	0.000019	0.000010	7647303
Total Chromium (Cr)	mg/L	0.0018	<0.0010	0.0010	7647303
Total Cobalt (Co)	mg/L	0.00059	0.00135	0.00020	7647303
Total Copper (Cu)	mg/L	0.00378	0.00574	0.00050	7647303
Total Iron (Fe)	mg/L	0.483	0.139	0.010	7647303
Total Lead (Pb)	mg/L	0.00021	<0.00020	0.00020	7647303
Total Lithium (Li)	mg/L	0.0162	0.0122	0.0020	7647303
Total Manganese (Mn)	mg/L	0.0431	0.0097	0.0010	7647303
Total Molybdenum (Mo)	mg/L	0.0015	<0.0010	0.0010	7647303
Total Nickel (Ni)	mg/L	0.0086	0.0105	0.0010	7647303
Total Selenium (Se)	mg/L	<0.00010	<0.00010	0.00010	7647303
Total Silicon (Si)	mg/L	1.93	1.63	0.10	7647303
Total Silver (Ag)	mg/L	<0.000020	<0.000020	0.000020	7647303
Total Strontium (Sr)	mg/L	0.588	0.442	0.0010	7647303
Total Thallium (Tl)	mg/L	0.000012	<0.000010	0.000010	7647303
Total Tin (Sn)	mg/L	<0.0050	<0.0050	0.0050	7647303
Total Titanium (Ti)	mg/L	0.0133	<0.0050	0.0050	7647303
Total Uranium (U)	mg/L	0.00226	0.00191	0.00010	7647303
Total Vanadium (V)	mg/L	<0.0050	<0.0050	0.0050	7647303
Total Zinc (Zn)	mg/L	0.0290	<0.0050	0.0050	7647303
Total Zirconium (Zr)	mg/L	0.00017	0.00012	0.00010	7647303
Total Calcium (Ca)	mg/L	102	89.5	0.050	7646347
Total Magnesium (Mg)	mg/L	16.9	16.2	0.050	7646347
Total Potassium (K)	mg/L	10.0	8.40	0.050	7646347

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

TOTAL ICPMS METALS FOR CCME CEQG FOR SW (WATER)

Bureau Veritas ID		QXA252	QXA253		
Sampling Date		2021/10/05 14:18	2021/10/05 13:50		
COC Number		n/a	n/a		
	UNITS	**MEL-SR1**	**MEL-SR7**	**RDL**	**QC Batch**
Total Sodium (Na)	mg/L	53.0	60.9	0.050	7646347
Total Sulphur (S)	mg/L	42.4	41.1	3.0	7646347
Calculated Parameters					
Total Hardness (CaCO3)	mg/L	325	290	0.50	7646309

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Bureau Veritas Job #: C1T4687
Report Date: 2021/10/21

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-1006009
Sampler Initials: BF

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		QXA252			QXA252			QXA253		
Sampling Date		2021/10/05 14:18			2021/10/05 14:18			2021/10/05 13:50		
COC Number		n/a			n/a			n/a		
	UNITS	MEL-SR1	RDL	QC Batch	MEL-SR1 Lab-Dup	RDL	QC Batch	MEL-SR7	RDL	QC Batch
Calculated Parameters										
Calculated TDS	mg/L	530	1.0	7631691				510	1.0	7631691
Inorganics										
Total Ammonia-N	mg/L	<0.050	0.050	7640156				0.061	0.050	7640156
Total Dissolved Solids	mg/L	605	10	7637666				560	10	7637666
Fluoride (F-)	mg/L	0.15	0.10	7635172				0.11	0.10	7635172
Orthophosphate (P)	mg/L	<0.010	0.010	7635081				<0.010	0.010	7635081
pH	pH	8.02		7635174				8.08		7635174
Total Phosphorus	mg/L	<0.020	0.020	7636076				<0.020	0.020	7636076
Reactive Silica (SiO2)	mg/L	3.1	0.050	7643838				3.4	0.050	7643838
Total Suspended Solids	mg/L	16	1	7646239				4	1	7646239
Dissolved Sulphate (SO4)	mg/L	120	1.0	7635073				110	1.0	7635073
Total Cyanide (CN)	mg/L	<0.0050	0.0050	7633478				<0.0050	0.0050	7633478
Turbidity	NTU	11	0.1	7632512				3.1	0.1	7632512
Alkalinity (Total as CaCO3)	mg/L	180	1.0	7635173				160	1.0	7635173
Dissolved Chloride (Cl-)	mg/L	120	1.0	7635072				130	1.0	7635072
Nitrite (N)	mg/L	<0.010	0.010	7634560	<0.010	0.010	7634560	<0.010	0.010	7634574
Nitrate (N)	mg/L	0.23	0.10	7634560	0.22	0.10	7634560	0.27	0.10	7634574
Nitrate + Nitrite (N)	mg/L	0.23	0.10	7634560	0.22	0.10	7634560	0.27	0.10	7634574
Petroleum Hydrocarbons										
Total Oil & Grease	mg/L	1.0	0.50	7645155				0.90	0.50	7645155

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		QXA252	QXA253		
Sampling Date		2021/10/05 14:18	2021/10/05 13:50		
COC Number		n/a	n/a		
	UNITS	MEL-SR1	MEL-SR7	RDL	QC Batch
Metals					
Mercury (Hg)	mg/L	<0.00001	<0.00001	0.00001	7638938

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Bureau Veritas Laboratories 100 – 36 Antares Dr. Nepean, ON, K2E 7W5 Phone: 613-274-0573 Website: www.bvna.com

Bureau Veritas Job #: C1T4687
Report Date: 2021/10/21

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-1006009
Sampler Initials: BF

TEST SUMMARY

Bureau Veritas ID: QXA252
Sample ID: MEL-SR1
Matrix: Water

Collected: 2021/10/05
Shipped:
Received: 2021/10/08

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	7635173	N/A	2021/10/14	Surinder Rai
Chloride by Automated Colourimetry	KONE	7635072	N/A	2021/10/14	Alina Dobreanu
Total Cyanide	SKAL/CN	7633478	2021/10/13	2021/10/13	Nimarta Singh
Fluoride	ISE	7635172	2021/10/13	2021/10/14	Surinder Rai
Mercury (low level)	CV/AA	7638938	2021/10/15	2021/10/15	Gagandeep Rai
Hardness Total (calculated as CaCO3)	CALC	7646309	N/A	2021/10/19	Automated Statchk
Hardness (calculated as CaCO3)	CALC	7643360	N/A	2021/10/20	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	7643361	N/A	2021/10/20	Automated Statchk
Elements by CRC ICPMS (dissolved)	ICP/MS	7650408	N/A	2021/10/20	Andrew An
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	7646347	2021/10/19	2021/10/19	Automated Statchk
Elements by CRC ICPMS (total)	ICP/MS	7647303	2021/10/18	2021/10/19	Andrew An
Silica (Reactive)	KONE	7643838	N/A	2021/10/17	Serena Tian
Total Ammonia-N	LACH/NH4	7640156	N/A	2021/10/18	Amanpreet Sappal
Nitrate & Nitrite as Nitrogen in Water	LACH	7634560	N/A	2021/10/14	Chandra Nandlal
Total Oil and Grease	BAL	7645155	2021/10/19	2021/10/19	Mitul Patel
pH	AT	7635174	2021/10/13	2021/10/14	Surinder Rai
Orthophosphate	KONE	7635081	N/A	2021/10/14	Avneet Kour Sudan
Sulphate by Automated Colourimetry	KONE	7635073	N/A	2021/10/14	Avneet Kour Sudan
Calculated Total Dissolved Solids	CALC	7631691	N/A	2021/10/21	Automated Statchk
Total Dissolved Solids	BAL	7637666	2021/10/14	2021/10/15	Shaneil Hall
Total Phosphorus (Colourimetric)	LACH/P	7636076	2021/10/14	2021/10/14	Shivani Shivani
Low Level Total Suspended Solids	BAL	7646239	2021/10/19	2021/10/20	Sandeep Kaur
Turbidity	AT	7632512	N/A	2021/10/13	Neil Dassanayake

Bureau Veritas ID: QXA252 Dup
Sample ID: MEL-SR1
Matrix: Water

Collected: 2021/10/05
Shipped:
Received: 2021/10/08

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Nitrate & Nitrite as Nitrogen in Water	LACH	7634560	N/A	2021/10/14	Chandra Nandlal

Bureau Veritas ID: QXA253
Sample ID: MEL-SR7
Matrix: Water

Collected: 2021/10/05
Shipped:
Received: 2021/10/08

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Alkalinity	AT	7635173	N/A	2021/10/14	Surinder Rai
Chloride by Automated Colourimetry	KONE	7635072	N/A	2021/10/14	Alina Dobreanu
Total Cyanide	SKAL/CN	7633478	2021/10/13	2021/10/13	Nimarta Singh
Fluoride	ISE	7635172	2021/10/13	2021/10/14	Surinder Rai
Mercury (low level)	CV/AA	7638938	2021/10/15	2021/10/15	Gagandeep Rai
Hardness Total (calculated as CaCO3)	CALC	7646309	N/A	2021/10/19	Automated Statchk
Hardness (calculated as CaCO3)	CALC	7643360	N/A	2021/10/20	Automated Statchk
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	ICP	7643361	N/A	2021/10/20	Automated Statchk
Elements by CRC ICPMS (dissolved)	ICP/MS	7650408	N/A	2021/10/20	Andrew An

Bureau Veritas Job #: C1T4687
Report Date: 2021/10/21

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-1006009
Sampler Initials: BF

TEST SUMMARY

Bureau Veritas ID: QXA253
Sample ID: MEL-SR7
Matrix: Water

Collected: 2021/10/05
Shipped:
Received: 2021/10/08

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Na, K, Ca, Mg, S by CRC ICPMS (total)	ICP	7646347	2021/10/19	2021/10/19	Automated Statchk
Elements by CRC ICPMS (total)	ICP/MS	7647303	2021/10/18	2021/10/19	Andrew An
Silica (Reactive)	KONE	7643838	N/A	2021/10/17	Serena Tian
Total Ammonia-N	LACH/NH4	7640156	N/A	2021/10/18	Amanpreet Sappal
Nitrate & Nitrite as Nitrogen in Water	LACH	7634574	N/A	2021/10/14	Chandra Nandlal
Total Oil and Grease	BAL	7645155	2021/10/19	2021/10/19	Mitul Patel
pH	AT	7635174	2021/10/13	2021/10/14	Surinder Rai
Orthophosphate	KONE	7635081	N/A	2021/10/14	Avneet Kour Sudan
Sulphate by Automated Colourimetry	KONE	7635073	N/A	2021/10/14	Avneet Kour Sudan
Calculated Total Dissolved Solids	CALC	7631691	N/A	2021/10/21	Automated Statchk
Total Dissolved Solids	BAL	7637666	2021/10/14	2021/10/15	Shaneil Hall
Total Phosphorus (Colourimetric)	LACH/P	7636076	2021/10/14	2021/10/14	Shivani Shivani
Low Level Total Suspended Solids	BAL	7646239	2021/10/19	2021/10/20	Sandeep Kaur
Turbidity	AT	7632512	N/A	2021/10/13	Neil Dassanayake

Bureau Veritas Laboratories 100 – 36 Antares Dr. Nepean, ON, K2E 7W5 Phone: 613-274-0573 Website: www.bvna.com

GENERAL COMMENTS

Each temperature is the average of up to three cooler temperatures taken at receipt

Package 1	15.3°C

Sample QXA252 [MEL-SR1] : The sample for dissolved metals was filtered and preserved at the lab. Values may not reflect concentrations at the time of sampling.

Sample QXA253 [MEL-SR7] : The sample for dissolved metals was filtered and preserved at the lab. Values may not reflect concentrations at the time of sampling.

Results relate only to the items tested.

QUALITY ASSURANCE REPORT

			Matrix Spike		SPIKED BLANK		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
7632512	Turbidity	2021/10/13			95	85 - 115	<0.1	NTU	17	20		
7633478	Total Cyanide (CN)	2021/10/13	101	80 - 120	100	80 - 120	<0.0050	mg/L	NC	20		
7634560	Nitrate (N)	2021/10/14	104	80 - 120	100	80 - 120	<0.10	mg/L	4.5	20		
7634560	Nitrite (N)	2021/10/14	105	80 - 120	101	80 - 120	<0.010	mg/L	NC	20		
7634574	Nitrate (N)	2021/10/14	94	80 - 120	99	80 - 120	<0.10	mg/L	1.2	20		
7634574	Nitrite (N)	2021/10/14	100	80 - 120	101	80 - 120	<0.010	mg/L	2.0	20		
7635072	Dissolved Chloride (Cl-)	2021/10/14	NC	80 - 120	102	80 - 120	<1.0	mg/L	6.0	20		
7635073	Dissolved Sulphate (SO4)	2021/10/14	NC	75 - 125	100	80 - 120	<1.0	mg/L	0.60	20		
7635081	Orthophosphate (P)	2021/10/14	115	75 - 125	100	80 - 120	<0.010	mg/L	NC	25		
7635172	Fluoride (F-)	2021/10/14	96	80 - 120	98	80 - 120	<0.10	mg/L	NC	20		
7635173	Alkalinity (Total as CaCO3)	2021/10/14			97	85 - 115	<1.0	mg/L	10	20		
7635174	pH	2021/10/14			101	98 - 103			0.15	N/A		
7636076	Total Phosphorus	2021/10/14	99	80 - 120	101	80 - 120	<0.020	mg/L	3.2	20	98	80 - 120
7637666	Total Dissolved Solids	2021/10/15					<10	mg/L	0.47	25	100	90 - 110
7638938	Mercury (Hg)	2021/10/15	100	75 - 125	101	80 - 120	<0.00001	mg/L	NC	20		
7640156	Total Ammonia-N	2021/10/18	97	75 - 125	101	80 - 120	<0.050	mg/L	NC	20		
7643838	Reactive Silica (SiO2)	2021/10/17	99	80 - 120	105	80 - 120	<0.050	mg/L	3.5	20		
7645155	Total Oil & Grease	2021/10/19			98	85 - 115	<0.50	mg/L	0	25		
7646239	Total Suspended Solids	2021/10/20					<1	mg/L	15	25	95	85 - 115
7647303	Total Aluminum (Al)	2021/10/19	103	80 - 120	102	80 - 120	<0.0030	mg/L				
7647303	Total Antimony (Sb)	2021/10/19	104	80 - 120	105	80 - 120	<0.00050	mg/L				
7647303	Total Arsenic (As)	2021/10/19	104	80 - 120	103	80 - 120	<0.00010	mg/L				
7647303	Total Barium (Ba)	2021/10/19	104	80 - 120	104	80 - 120	<0.0010	mg/L				
7647303	Total Beryllium (Be)	2021/10/19	100	80 - 120	103	80 - 120	<0.00010	mg/L				
7647303	Total Bismuth (Bi)	2021/10/19	102	80 - 120	103	80 - 120	<0.0010	mg/L				
7647303	Total Boron (B)	2021/10/19	101	80 - 120	104	80 - 120	<0.050	mg/L				
7647303	Total Cadmium (Cd)	2021/10/19	105	80 - 120	102	80 - 120	<0.000010	mg/L				
7647303	Total Chromium (Cr)	2021/10/19	103	80 - 120	102	80 - 120	<0.0010	mg/L				
7647303	Total Cobalt (Co)	2021/10/19	102	80 - 120	100	80 - 120	<0.00020	mg/L				
7647303	Total Copper (Cu)	2021/10/19	101	80 - 120	100	80 - 120	<0.00050	mg/L				
7647303	Total Iron (Fe)	2021/10/19	103	80 - 120	104	80 - 120	<0.010	mg/L				
7647303	Total Lead (Pb)	2021/10/19	103	80 - 120	104	80 - 120	<0.00020	mg/L				

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
7647303	Total Lithium (Li)	2021/10/19	96	80 - 120	101	80 - 120	<0.0020	mg/L				
7647303	Total Manganese (Mn)	2021/10/19	NC	80 - 120	102	80 - 120	<0.0010	mg/L				
7647303	Total Molybdenum (Mo)	2021/10/19	108	80 - 120	108	80 - 120	<0.0010	mg/L				
7647303	Total Nickel (Ni)	2021/10/19	103	80 - 120	101	80 - 120	<0.0010	mg/L				
7647303	Total Selenium (Se)	2021/10/19	107	80 - 120	102	80 - 120	<0.00010	mg/L				
7647303	Total Silicon (Si)	2021/10/19	107	80 - 120	109	80 - 120	<0.10	mg/L				
7647303	Total Silver (Ag)	2021/10/19	103	80 - 120	100	80 - 120	<0.000020	mg/L				
7647303	Total Strontium (Sr)	2021/10/19	106	80 - 120	103	80 - 120	<0.0010	mg/L				
7647303	Total Thallium (Tl)	2021/10/19	106	80 - 120	104	80 - 120	<0.000010	mg/L				
7647303	Total Tin (Sn)	2021/10/19	103	80 - 120	102	80 - 120	<0.0050	mg/L				
7647303	Total Titanium (Ti)	2021/10/19	106	80 - 120	106	80 - 120	<0.0050	mg/L				
7647303	Total Uranium (U)	2021/10/19	105	80 - 120	105	80 - 120	<0.00010	mg/L				
7647303	Total Vanadium (V)	2021/10/19	105	80 - 120	103	80 - 120	<0.0050	mg/L				
7647303	Total Zinc (Zn)	2021/10/19	104	80 - 120	102	80 - 120	<0.0050	mg/L				
7647303	Total Zirconium (Zr)	2021/10/19	99	80 - 120	102	80 - 120	<0.00010	mg/L				
7650408	Dissolved Aluminum (Al)	2021/10/20	89	80 - 120	92	80 - 120	<0.0030	mg/L	0.49	20		
7650408	Dissolved Antimony (Sb)	2021/10/20	97	80 - 120	97	80 - 120	<0.00050	mg/L	NC	20		
7650408	Dissolved Arsenic (As)	2021/10/20	101	80 - 120	98	80 - 120	<0.00010	mg/L	0.28	20		
7650408	Dissolved Barium (Ba)	2021/10/20	93	80 - 120	96	80 - 120	<0.0010	mg/L	0.56	20		
7650408	Dissolved Beryllium (Be)	2021/10/20	98	80 - 120	105	80 - 120	<0.00010	mg/L	NC	20		
7650408	Dissolved Bismuth (Bi)	2021/10/20	88	80 - 120	94	80 - 120	<0.0010	mg/L	NC	20		
7650408	Dissolved Boron (B)	2021/10/20	80	80 - 120	84	80 - 120	<0.050	mg/L	NC	20		
7650408	Dissolved Cadmium (Cd)	2021/10/20	94	80 - 120	97	80 - 120	<0.000010	mg/L	NC	20		
7650408	Dissolved Chromium (Cr)	2021/10/20	90	80 - 120	97	80 - 120	<0.0010	mg/L	NC	20		
7650408	Dissolved Cobalt (Co)	2021/10/20	89	80 - 120	97	80 - 120	<0.00020	mg/L	NC	20		
7650408	Dissolved Copper (Cu)	2021/10/20	83	80 - 120	95	80 - 120	<0.00020	mg/L	0.64	20		
7650408	Dissolved Iron (Fe)	2021/10/20	96	80 - 120	100	80 - 120	<0.0050	mg/L	4.7	20		
7650408	Dissolved Lead (Pb)	2021/10/20	92	80 - 120	96	80 - 120	<0.00020	mg/L	NC	20		
7650408	Dissolved Lithium (Li)	2021/10/20	82	80 - 120	88	80 - 120	<0.0020	mg/L	1.3	20		
7650408	Dissolved Manganese (Mn)	2021/10/20	91	80 - 120	98	80 - 120	<0.0010	mg/L	1.4	20		
7650408	Dissolved Molybdenum (Mo)	2021/10/20	106	80 - 120	99	80 - 120	<0.0010	mg/L	3.7	20		
7650408	Dissolved Nickel (Ni)	2021/10/20	87	80 - 120	97	80 - 120	<0.0010	mg/L	2.6	20		

QUALITY ASSURANCE REPORT(CONT'D)

			Matrix Spike		SPIKED BLANK		Method Blank		RPD		QC Standard	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
7650408	Dissolved Selenium (Se)	2021/10/20	102	80 - 120	102	80 - 120	<0.00010	mg/L	NC	20		
7650408	Dissolved Silicon (Si)	2021/10/20	94	80 - 120	94	80 - 120	<0.10	mg/L	0.87	20		
7650408	Dissolved Silver (Ag)	2021/10/20	89	80 - 120	93	80 - 120	<0.000020	mg/L	NC	20		
7650408	Dissolved Strontium (Sr)	2021/10/20	NC	80 - 120	92	80 - 120	<0.0010	mg/L	1.8	20		
7650408	Dissolved Thallium (Tl)	2021/10/20	93	80 - 120	94	80 - 120	<0.000010	mg/L	NC	20		
7650408	Dissolved Tin (Sn)	2021/10/20	97	80 - 120	96	80 - 120	<0.0050	mg/L	NC	20		
7650408	Dissolved Titanium (Ti)	2021/10/20	98	80 - 120	100	80 - 120	<0.0050	mg/L	NC	20		
7650408	Dissolved Uranium (U)	2021/10/20	97	80 - 120	96	80 - 120	<0.00010	mg/L	0.92	20		
7650408	Dissolved Vanadium (V)	2021/10/20	96	80 - 120	99	80 - 120	<0.0050	mg/L	NC	20		
7650408	Dissolved Zinc (Zn)	2021/10/20	89	80 - 120	100	80 - 120	<0.0050	mg/L	NC	20		
7650408	Dissolved Zirconium (Zr)	2021/10/20	106	80 - 120	98	80 - 120	<0.00010	mg/L	2.3	20		

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

QC Standard: A sample of known concentration prepared by an external agency under stringent conditions. Used as an independent check of method accuracy.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration)

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).

Bureau Veritas Job #: C1T4687
Report Date: 2021/10/21

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-1006009
Sampler Initials: BF

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Anastassia Hamanov, Scientific Specialist

David Huang, BBY Scientific Specialist

Maria Magdalena Florescu, Ph.D., P.Chem., QP, Inorganics Manager

Ewa Pranjic, M.Sc., C.Chem, Scientific Specialist

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Bureau Veritas Laboratories 100 – 36 Antares Dr. Nepean, ON, K2E 7W5 Phone: 613-274-0573 Website: www.bvna.com

Bureau Veritas Job #: C1T4687
Report Date: 2021/10/21

Agnico-Eagle
Site Location: MELIADINE
Your P.O. #: OL-1006009
Sampler Initials: BF

Exceedance Summary Table – Metal Mining Effluent Reg

Result Exceedances

Sample ID	Bureau Veritas ID	Parameter	Criteria	Result	DL	UNITS
No Exceedances						

The exceedance summary table is for information purposes only and should not be considered a comprehensive listing or statement of conformance to applicable regulatory guidelines.

Bureau Veritas Laboratories 100 – 36 Antares Dr. Nepean, ON, K2E 7W5 Phone: 613-274-0573 Website: www.bvna.com

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE
TEL: (867) 920-8130
FAX: (867) 873-6924
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR **10-14-2021**	REPORT TIME **16:30**	☒ ORIGINAL SPILL REPORT, OR ☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER ____-_____
B	OCCURRENCE DATE: MONTH – DAY – YEAR **1-15-2021**	OCCURRENCE TIME **05:30**		

C	LAND USE PERMIT NUMBER (IF APPLICABLE) **KVPL11D01**	WATER LICENCE NUMBER (IF APPLICABLE) **2AM-MEL1631**
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION **Meliadine Gold Project**	REGION ☐ NWT ☒ NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN
E	LATITUDE DEGREES **63** MINUTES **2** SECONDS **7**	LONGITUDE DEGREES **92** MINUTES **13** SECONDS **15**
F	RESPONSIBLE PARTY OR VESSEL NAME **Agnico Eagle Mines Ltd.**	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION **Meliadine, Rankin Inlet, Nunavut, X0C 0G0**
G	ANY CONTRACTOR INVOLVED **N/A**	CONTRACTOR ADDRESS OR OFFICE LOCATION **N/A**

H	PRODUCT SPILLED **Hydraulic Oil**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **200 L**	U.N. NUMBER
	SECOND PRODUCT SPILLED (IF APPLICABLE) **N/A**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **N/A**	U.N. NUMBER **N/A**
I	SPILL SOURCE **Scoop Hydraulic Line**	SPILL CAUSE **Broken Hose**	AREA OF CONTAMINATION IN SQUARE METRES
J	FACTORS AFFECTING SPILL OR RECOVERY **None**	DESCRIBE ANY ASSISTANCE REQUIRED	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT

K — ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS

The tilt hydraulic line on Scoop 16 failed releasing 200L Hydraulic oil to the ground at OP2. Spill pads were deployed to collect the oil and minimize the spread of the oil. Clean up is ongoing.

No water bodies were impacted by this spill. The nearest natural waterbody (B7) is approximately 960 m away.

Pursuant to Part H, Section 8c of the water license, a follow-up report will be issued after a closer investigation is completed.

Reported by Brett Fairbairn Environment Coordinator 819-759-3555 ext. 4603996.

L	REPORTED TO SPILL LINE BY **Brett Fairbairn**	POSITION **Env. Coordinator**	EMPLOYER **AEM**	LOCATION CALLING FROM **Meliadine**	TELEPHONE **819-759-3555**
M	ANY ALTERNATE CONTACT **Robin Allard**	POSITION **Env. Gen. Supervisor**	EMPLOYER **AEM**	ALTERNATE CONTACT LOCATION **Meliadine**	ALTERNATE TELEPHONE **819-860-1414**

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC | SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN | FILE STATUS ☐ OPEN ☐ CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			

Follow Up Report: #21-440
October 14, 2021 – 200 L Hydraulic Oil Spill

The following information refers to an incident reported by Agnico Eagle Mines Ltd. October 14, 2021, and is being provided in accordance with:

- the Nunavut Water Board License 2AM-MEL1631 Water License, Part H, item 8c
- the Government of Nunavut's, Environmental Protection Act subsection 5.1(a)

Description of Incident

At approximately 5:30 am on October 14th, 2021, a hydraulic hose failed during operation of a scoop releasing 200L of hydraulic oil near the high-grade ore pad at portal 2, equipment was immediately shutdown.

The coordinates of this spill are 63° 2'7"N, 92°13'15"W. No water bodies were impacted by this spill.

Figure 1: Location of the spill on ore pad

Figure 2: Hydraulic line failure during operation

Spill Response & Cleanup

Equipment was immediately shut down; supervisor was called, and spill pads were placed on the affected area to collect the surface oil. The maintenance supervisor and Environment department organized clean-up of the area. The area was cleaned up using a 980 loader. All contaminated material was disposed of in the onsite landfarm A.

Cause of Incident and Corrective Measures

The root cause of the incident was a result of an unsecured pressurized hydraulic hose rubbing on a bent bracket. Maintenance replaced and properly secured the hydraulic hose and repaired the bent bracket to prevent further rubbing on the new hose.

AGNICO EAGLE

Brett Fairbairn | Environment Coordinator
brett.fairbairn@agnicoeagle.com | Direct 819.759.3555 x4603996 |
Agnico Eagle Mines Limited - Meliadine Mine, Suite 879 - Rankin Inlet, Nunavut, Canada X0C 0G0
agnicoeagle.com
Sent from Meliadine

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE
TEL: (867) 920-8130
FAX: (867) 873-6924
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR **11-03-2021**	REPORT TIME **4:30**	☒ ORIGINAL SPILL REPORT, OR ☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER ____-_____
B	OCCURRENCE DATE: MONTH – DAY – YEAR **11-02-2021**	OCCURRENCE TIME **7:15**		

C	LAND USE PERMIT NUMBER (IF APPLICABLE) **KVPL11D01**	WATER LICENCE NUMBER (IF APPLICABLE) **2AM-MEL1631**
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION **Meliadine Gold Project**	REGION ☐ NWT ☒ NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN
E	LATITUDE DEGREES **63** MINUTES **2** SECONDS **24**	LONGITUDE DEGREES **92** MINUTES **13** SECONDS **44**
F	RESPONSIBLE PARTY OR VESSEL NAME **Agnico Eagle Mines Ltd.**	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION **Meliadine, Rankin Inlet, Nunavut, X0C 0G0**
G	ANY CONTRACTOR INVOLVED **N/A**	CONTRACTOR ADDRESS OR OFFICE LOCATION **N/A**

H	PRODUCT SPILLED **Untreated Sewage**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **300 Liters**	U.N. NUMBER **N/A**
	SECOND PRODUCT SPILLED (IF APPLICABLE) **N/A**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **N/A**	U.N. NUMBER **N/A**
I	SPILL SOURCE **Wing-3**	SPILL CAUSE **Failed Expansion Joint**	AREA OF CONTAMINATION IN SQUARE METRES **2**
J	FACTORS AFFECTING SPILL OR RECOVERY **N/A**	DESCRIBE ANY ASSISTANCE REQUIRED **N/A**	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT **N/A**

K — ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS

A pipe which transports untreated sewage water from wing 3 lift station, experienced an expansion joint failure, which released approximately 300L of untreated sewage water onto the ground. With the frozen conditions the sewage water was contain between wing 3 and 4. A sucker truck was used to recover the pooled sewage and the frozen material will be scraped up with on site equipment.

No water bodies were impacted by this spill. The nearest natural water-body (G2) is 250 m north.

A follow-up report will be issued at a later date. Reported by Brett Fairbairn. Environment Coordinator 819-759-3555 ext. 4603996 Brett.Fairbairn@agnicoeagle.com.

L	REPORTED TO SPILL LINE BY **Brett Fairbarin**	POSITION **Env. Coordinator**	EMPLOYER **AEM**	LOCATION CALLING FROM **Meliadine**	TELEPHONE **819-759-3555**
M	ANY ALTERNATE CONTACT **Robin Allard**	POSITION **Env. Gen. Supervisor**	EMPLOYER **AEM**	ALTERNATE CONTACT LOCATION **Meliadine**	ALTERNATE TELEPHONE **819-860-1414**

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC | SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN | FILE STATUS ☐ OPEN ☐ CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			

Follow Up Report: #21-461
November 2, 2021 – 300 L Untreated Sewage

The following information refers to an incident reported by Agnico Eagle Mines Ltd. November 3, 2021, and is being provided in accordance with:

- the Nunavut Water Board License 2AM-MEL1631 Water License, Part H, item 8c

Description of Incident

At approximately 7:15 on November 2, 2021, the Environment department was notified of a spill of approximately 300 L of raw sewage. The spill occurred when a fitting pulled away from the pressurized piping. The piping transports sewage from the wing 3 lift station to the main camp sewage treatment facility.

The coordinates of this spill are 63° 2’ 24"N, 92° 13' 44"W. No water bodies were impacted by this spill. The closest water body was approximately 250 m away.

Figure 1: Location of the spill between wings 3 and 4.

Spill Response & Cleanup

The lift station was shut down to stop the release. The topography of the area and the freezing conditions prevented the sewage from migrating off site, facilitating spill recovery. Mobile equipment was used to recover the spilled material which was placed in WRSF 3 as per the Mine Waste Management Plan.

Cause of Incident and Corrective Measures

The fitting (Fernco) installed on the downstream side of the lift station pump was not the correct fitting for a pressurized service. This resulted in the fitting pulling away from the piping causing the release. The fitting has since been replaced with the proper fitting for the service and an inspection of each lift station (wings 1-14) will be conducted to ensure all other fittings are replaced with the appropriate fittings for pressurized service.

AGNICO EAGLE

Brett Fairbairn | Environment Coordinator
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agnicoeagle.com
Sent from Meliadine

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE
TEL: (867) 920-8130
FAX: (867) 873-6924
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR **11-04-2021**	REPORT TIME **6:30**	☒ ORIGINAL SPILL REPORT, OR ☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER ____-_____
B	OCCURRENCE DATE: MONTH – DAY – YEAR **11-03-2021**	OCCURRENCE TIME **8:30**		

C	LAND USE PERMIT NUMBER (IF APPLICABLE) **KVPL11D01**	WATER LICENCE NUMBER (IF APPLICABLE) **2AM-MEL1631**
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION **Meliadine Gold Project**	REGION ☐ NWT ☒ NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN
E	LATITUDE DEGREES **63** MINUTES **2** SECONDS **22**	LONGITUDE DEGREES **92** MINUTES **13** SECONDS **40**
F	RESPONSIBLE PARTY OR VESSEL NAME **Agnico Eagle Mines Ltd.**	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION **Meliadine, Rankin Inlet, Nunavut, X0C 0G0**
G	ANY CONTRACTOR INVOLVED **N/A**	CONTRACTOR ADDRESS OR OFFICE LOCATION **N/A**

H	PRODUCT SPILLED **Untreated Sewage**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **200 Liters**	U.N. NUMBER **N/A**
	SECOND PRODUCT SPILLED (IF APPLICABLE) **N/A**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **N/A**	U.N. NUMBER **N/A**
I	SPILL SOURCE **MBS parking lot**	SPILL CAUSE **Sucker truck leak**	AREA OF CONTAMINATION IN SQUARE METRES **40**
J	FACTORS AFFECTING SPILL OR RECOVERY **Frozen conditions**	DESCRIBE ANY ASSISTANCE REQUIRED **N/A**	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT **N/A**

K — ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS

Untreated sewage from a sucker truck transporting sewage from the Multi Service Building (MSB) sewage tank was observed leaking sewage to the ground. Approximately 200L of sewage was released to the frozen ground. The sewage water was contained to the parking area of the MSB and was scraped up using mobile equipment.

No water bodies were impacted by this spill. The nearest natural water-body (G2) is 315 m north.

A follow-up report will be issued at a later date. Reported by Brett Fairbairn. Environment Coordinator 819-759-3555 ext. 4603996 Brett.Fairbairn@agnicoeagle.com.

L	REPORTED TO SPILL LINE BY **Brett Fairbarin**	POSITION **Env. Coordinator**	EMPLOYER **AEM**	LOCATION CALLING FROM **Meliadine**	TELEPHONE **819-759-3555**
M	ANY ALTERNATE CONTACT **Robin Allard**	POSITION **Env. Gen. Supervisor**	EMPLOYER **AEM**	ALTERNATE CONTACT LOCATION **Meliadine**	ALTERNATE TELEPHONE **819-860-1414**

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC | SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN | FILE STATUS ☐ OPEN ☐ CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			

Follow Up Report: #21-464
November 3, 2021 – 200 L Untreated Sewage

The following information refers to an incident reported by Agnico Eagle Mines Ltd. November 4, 2021, and is being provided in accordance with:

- the Nunavut Water Board License 2AM-MEL1631 Water License, Part H, item 8c
- the Government of Nunavut's, Environmental Protection Act subsection 5.1(a)

Description of Incident

At approximately 7:30 on November 3rd, 2021, the Environment department was notified of a spill of 200 L of raw sewage. The spill occurred when an employee was distracted by an alarm at a sewage lift station, the operator left the vacuum truck hose valve in the open position causing content from vacuum truck to seep out

The coordinates of this spill are 63° 2' 22"N, 92° 13' 40"W. No water bodies were impacted by this spill. The closest water body (G2) is approximately 315 m away.

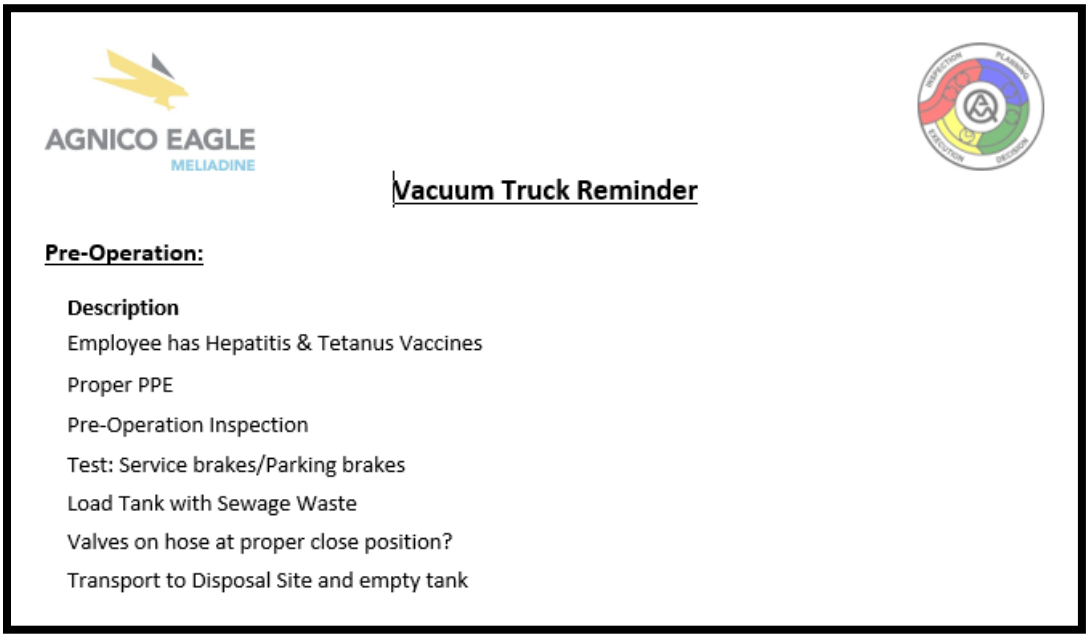
Figure 1: Location of the spill by P-Wing

Spill Response & Cleanup

When the worker noticed that the content was seeping, the discharge was closed immediately eliminating the source of the spill. Due to sub-zero temperatures, the content froze on the ground and was collected and disposed of at the waste rock storage facility 3 (WRSF3)

Cause of Incident and Corrective Measures

Employee was distracted by an alarm at a sewage lift station and rushed, leaving the vacuum truck valve open causing 200L of sewage to release on the ground. A formal training exists for the vacuum truck, the employee was met that day and the incident was reviewed within the responsible department to prevent this from happening in the future; operators on cross-shift will also be covered. A check list was created to remind the operator about the vacuum truck usage, the form is apposed in the truck cabin (see figure 2).



AGNICO EAGLE
MELIADINE

Vacuum Truck Reminder

Pre-Operation:

Description
Employee has Hepatitis & Tetanus Vaccines
Proper PPE
Pre-Operation Inspection
Test: Service brakes/Parking brakes
Load Tank with Sewage Waste
Valves on hose at proper close position?
Transport to Disposal Site and empty tank

Figure 2: Vacuum truck reminder

AGNICO EAGLE

Randy Schwandt | Environment Coordinator
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agnicoeagle.com
Sent from Meliadine

NT-NU SPILL REPORT

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NT-NU 24-HOUR SPILL REPORT LINE
TEL: (867) 920-8130
FAX: (867) 873-6924
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR **11-16-2021**	REPORT TIME **17:30**	☒ ORIGINAL SPILL REPORT, OR ☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER ____-_____
B	OCCURRENCE DATE: MONTH – DAY – YEAR **11-16-2021**	OCCURRENCE TIME **5:00**		

C	LAND USE PERMIT NUMBER (IF APPLICABLE) **KVPL11D01**	WATER LICENCE NUMBER (IF APPLICABLE) **2AM-MEL1631**
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION **Meliadine Gold Project**	REGION ☐ NWT ☒ NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN
E	LATITUDE DEGREES **63** MINUTES **1** SECONDS **34**	LONGITUDE DEGREES **92** MINUTES **12** SECONDS **56**
F	RESPONSIBLE PARTY OR VESSEL NAME **Agnico Eagle Mines Ltd.**	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION **Meliadine, Rankin Inlet, Nunavut, X0C 0G0**
G	ANY CONTRACTOR INVOLVED **N/A**	CONTRACTOR ADDRESS OR OFFICE LOCATION **N/A**

H	PRODUCT SPILLED **Cement Paste**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **25m3**	U.N. NUMBER **N/A**
	SECOND PRODUCT SPILLED (IF APPLICABLE) **N/A**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **N/A**	U.N. NUMBER **N/A**
I	SPILL SOURCE **Cement paste line**	SPILL CAUSE **Broken flange connection**	AREA OF CONTAMINATION IN SQUARE METRES **30**
J	FACTORS AFFECTING SPILL OR RECOVERY **Frozen conditions**	DESCRIBE ANY ASSISTANCE REQUIRED **N/A**	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT **N/A**

K — ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS

An operator noticed a major drop in pressure in the cement paste line and stopped the paste plant. When inspecting the surface line, a leak was observed around a connection flange. An estimated 25m3 of cement paste was released between the TIRI01 hauling road and the paste plant.

No water bodies were impacted by this spill. The nearest natural water-body (B8) is 640m north west.

A follow-up report will be issued at a later date. Reported by Randy Schwandt. Environment Coordinator 819-759-3555 ext. 4603996 Randy.Schwandt@agnicoeagle.com.

L	REPORTED TO SPILL LINE BY **Randy Schwandt**	POSITION **Env. Coordinator**	EMPLOYER **AEM**	LOCATION CALLING FROM **Meliadine**	TELEPHONE **819-759-3555**
M	ANY ALTERNATE CONTACT **Robin Allard**	POSITION **Env. Gen. Supervisor**	EMPLOYER **AEM**	ALTERNATE CONTACT LOCATION **Meliadine**	ALTERNATE TELEPHONE **819-860-1414**

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC | SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN | FILE STATUS ☐ OPEN ☐ CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			

Follow Up Report: #21-471
November 16th, 2021 – Tailing's Cement Paste Spill

The following information relates to spill 21-471 reported by Agnico Eagle Mines Ltd. November 16th, 2021, and is being provided in accordance with:

- the Nunavut Water Board License 2AM-MEL1631 Water License, part H, item 8c
- the Government of Nunavut's, Environmental Protection Act subsection 5.1(a)

Description of Incident

At approximately 5:00, November 16th, 2021, Paste Plant Operator noticed a drop of the differential pressure on the Paste line. He notified his supervisor. The supervisor contacted the underground team to validate if there is any leak that could explain the drop on the pressure.

Following the feedback from underground that everything was ok, the supervisor sent operators for the line inspection outside of the Paste building. At that moment they noticed an 25m3 of tailings cement paste that was released from the line near TIRI1 on the elbow before the line goes underground.

No natural water bodies were impacted with the closest being approximately 640 m northwest (B8). The spill occurred at 63° 1'34"N, 92°12'56"W, beside TIRI01 hauling road.

Figure 1: Location of cement paste spill by TIRI01 hauling road

Figure 2: Cement paste leak

Spill Response & Cleanup

The paste plant line was immediately shut down and the environmental department was called to assess the spill. An excavator was brought to the area to move cement paste into a rock truck. All material collected was brought to the tailing's storage facility for proper disposal.

Cause of Incident and Corrective Measures

During the subsequent investigation of the spill, it was found that there were missing supports to support the line and keep it level, the flange gasket may also have not been adequate for the current application

To prevent recurrence, adequate support is being installed, lines are being inspected to ensure adequate gaskets are properly rated and a preventative maintenance will be scheduled weekly and bi-yearly (Fall and Spring). Paste lines will also be inspected daily by the Mill operations team. Once supports and properly rated gaskets are installed the paste line will be inspected and re-commissioned.

Figure 3: Disconnected line and remediated area

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agnicoeagle.com
Sent from Meliadine

NT-NU SPILL REPORT

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TEL: (867) 920-8130
FAX: (867) 873-6924
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR **11-23-2021**	REPORT TIME **10:30**	[X] ORIGINAL SPILL REPORT, OR ☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER ____-_____
B	OCCURRENCE DATE: MONTH – DAY – YEAR **11-23-2021**	OCCURRENCE TIME **9:00**		

C	LAND USE PERMIT NUMBER (IF APPLICABLE) **KVPL11D01**	WATER LICENCE NUMBER (IF APPLICABLE) **2AM-MEL1631**
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION **Meliadine Gold Project**	REGION ☐ NWT [X] NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN
E	LATITUDE DEGREES **63** MINUTES **02** SECONDS **16**	LONGITUDE DEGREES **92** MINUTES **13** SECONDS **40**
F	RESPONSIBLE PARTY OR VESSEL NAME **Agnico Eagle Mines Ltd.**	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION **Meliadine, Rankin Inlet, Nunavut, X0C 0G0**
G	ANY CONTRACTOR INVOLVED **N/A**	CONTRACTOR ADDRESS OR OFFICE LOCATION **N/A**

H	PRODUCT SPILLED **Heat Recovery Water**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **8m3**	U.N. NUMBER **N/A**
	SECOND PRODUCT SPILLED (IF APPLICABLE) **N/A**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **N/A**	U.N. NUMBER **N/A**
I	SPILL SOURCE **Corridor Heat Recovery Line**	SPILL CAUSE **Failed Expansion Joint**	AREA OF CONTAMINATION IN SQUARE METRES **400**
J	FACTORS AFFECTING SPILL OR RECOVERY **None**	DESCRIBE ANY ASSISTANCE REQUIRED **None**	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT **None**

K — ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS

An expansion joint on the heat recovery line in the Arctic corridor failed. Water was released inside the corridor and drained through the floor to the ground below. No water bodies were impacted by this spill.

Pursuant to Part H, Section 8c of the water license, a follow-up report will be issued after a closer investigation is completed.

Reported by Randy Schwandt, Environmental Coordinator, 819-759-3555 ext. 4603996

L	REPORTED TO SPILL LINE BY **Randy Schwandt**	POSITION **Env. Coordinator**	EMPLOYER **AEM**	LOCATION CALLING FROM **Meliadine**	TELEPHONE **819-759-3555**
M	ANY ALTERNATE CONTACT **Robin Allard**	POSITION **Env.Gen. Supervisor**	EMPLOYER **AEM**	ALTERNATE CONTACT LOCATION **Meliadine**	ALTERNATE TELEPHONE **819-860-1414**

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC | SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN | FILE STATUS ☐ OPEN ☐ CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			

Follow Up Report: #21-474
November 23, 2021- Heat Recovery Water

The following information refers to an incident reported by Agnico Eagle Mines Ltd. on November 23, 2021, and is being provided in accordance with:

- the Nunavut Water Board License 2AM-MEL1631 Water License, Part H, item 8c
- the Government of Nunavut's, Environmental Protection Act subsection 5.1(a)

Description of Incident:

Due to failure of an expansion joint on the heat recovery system, approximately 8 m^3 of water containing corrosion inhibitor (Drewgard 4109) spilled in the south end of the Arctic corridor (between the Multi Service Building (MSB) and the process plant), and then leaked to the ground below on the Industrial Pad. The mix of Drewgard to water in the system was estimated to be 11 L of Drewgard to every 1000 L of water.

No water body was impacted by this spill. The nearest body of water is >300 m away. The coordinates of the spill source are 63° 2' 17" N, 92° 13' 36" W.

Figure 1: Location of the spill source was inside the elevated pedestrian corridor, which then leaked to the ground below on the Industrial Pad.

Spill Response & Cleanup:

- The system was shut down and isolated with the spill was primarily contained to the pedestrian walkway. As a result of winter conditions, the volume released to the ground froze in place and

was contained to the immediate area. Storage containers were removed from the area and a loader was used to clean up the frozen material. Waste material will be stored in totes for final disposal in the spring.

Figure 2: Final clean up.

Spill Cause and Corrective Measures

The release occurred due to the failure of an expansion joint in the boiler recirculation system. A review of the original design indicated the correct components were used during construction. Therefore, the cause of the failed component is uncertain and is currently being investigated by an external consultant. The expansion joint was replaced, and the system inspected for further leak leaks. A visual alignment was performed by the Energy & Infrastructure Department millwright and heat technician using a level indicator and the remaining expansion joints were inspected for wear. Agnico Eagle Mines Limited will replace the expansion joints as per the recommendation from the external consultant.

AGNICO EAGLE

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agnicoeagle.com
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NT-NU SPILL REPORT

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NT-NU 24-HOUR SPILL REPORT LINE
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FAX: (867) 873-6924
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR **12-01-2021**	REPORT TIME **05:30**	[X] ORIGINAL SPILL REPORT, OR ☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER _____-_____
B	OCCURRENCE DATE: MONTH – DAY – YEAR **11-30-2021**	OCCURRENCE TIME **07:00**		

C	LAND USE PERMIT NUMBER (IF APPLICABLE) **KVPL11D01**	WATER LICENCE NUMBER (IF APPLICABLE) **2AM-MEL1631**
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION **Meliadine Gold Project**	REGION ☐ NWT [X] NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN
E	LATITUDE DEGREES **63** MINUTES **02** SECONDS **23**	LONGITUDE DEGREES **92** MINUTES **13** SECONDS **33**
F	RESPONSIBLE PARTY OR VESSEL NAME **Agnico Eagle Mines Ltd.**	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION **Meliadine, Rankin Inlet, Nunavut, X0C 0G0**
G	ANY CONTRACTOR INVOLVED **N/A**	CONTRACTOR ADDRESS OR OFFICE LOCATION **N/A**

H	PRODUCT SPILLED **Treated Water**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **200 L**	U.N. NUMBER **N/A**
	SECOND PRODUCT SPILLED (IF APPLICABLE) **N/A**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **N/A**	U.N. NUMBER **N/A**
I	SPILL SOURCE **Sewage Treatment Plant (STP)**	SPILL CAUSE **Discharge Pump Failure**	AREA OF CONTAMINATION IN SQUARE METRES **20**
J	FACTORS AFFECTING SPILL OR RECOVERY **None**	DESCRIBE ANY ASSISTANCE REQUIRED **None**	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT **None**

K — ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS

At 07:00 the environment department was notified of a spill at the STP. Upon initial investigation, the treated water tank discharge pump stopped resulting in the tank over flowing to the ground. An estimated 200 Litres of treated water was spilled to the ground. The spill froze upon exiting the tank containing the release to the area beneath the STP. Further investigation is required.

No water bodies were impacted by this spill. The nearest natural water-body (G2) is 360 m north.

A follow-up report will be issued at a later date. Reported by Brett Fairbairn Environment Coordinator 819-759-3555 ext. 4603996 Brett.Fairbairn@agnicoeagle.com.

L	REPORTED TO SPILL LINE BY **Brett Fairbairn**	POSITION **Env. Coordinator**	EMPLOYER **AEM**	LOCATION CALLING FROM **Meliadine**	TELEPHONE **819-759-3555**
M	ANY ALTERNATE CONTACT **Eric Giroux**	POSITION **Env. Superintendent**	EMPLOYER **AEM**	ALTERNATE CONTACT LOCATION **Meliadine**	ALTERNATE TELEPHONE **819-759-3555**

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC | SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN | FILE STATUS ☐ OPEN ☐ CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			

Follow Up Report: #21-481
November 30th, 2021 – Sewage Treatment Plant (STP) Treated Water Spill

The following information relates to spill 21-481 reported by Agnico Eagle Mines Ltd. December 1st, 2021, and is being provided in accordance with:

- the Nunavut Water Board License 2AM-MEL1631 Water License, part H, item 8c
- the Government of Nunavut's, Environmental Protection Act subsection 5.1(a)

Description of Incident

During normal operations, a suction effect from a tee in the piping system triggered a false alarm and activated an interlock that stopped both discharge pumps on the treated water tank. The high limit of the tank also failed resulting in a continuous flow of water to the tank and an eventually overflow. This resulted in a spill of 200 liters of treated water to the ground.

No natural water bodies were impacted with the closest being G2 360 m north. The spill occurred at 63° 2'23"N, 92°13'33"W, within the Meliadine mine site.

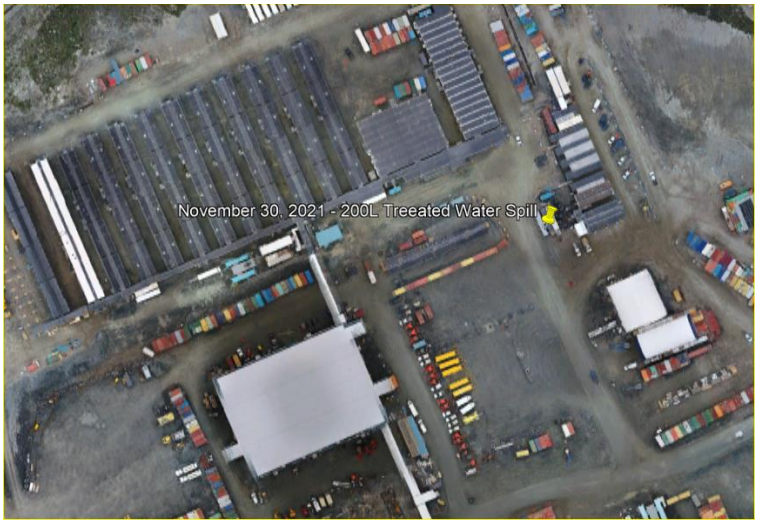

Figure 1: Location of STP treated water spill within Meliadine mine site.

Figure 3: Frozen treated water outside STP.

Spill Response & Cleanup

The plant was shut down to stop the release to the ground outside the tank. The treated water released is normally directed to contact pond 1 (CP1). The majority of the spill migrated underneath the STP and is unable to be collected at this time. In the Spring the spilled Treated water will be captured and directed to CP1 the intended final location.

Cause of Incident and Corrective Measures

The immediate cause was a result of a faulty interlock. The interlock was removed from the discharge pump to prevent the overflow of the treated water tank. As well the treated water overflow line will be rerouted so that it is recirculated back into the system.

Brett Fairbairn | Environment Coordinator
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Nunavut, Canada X0C 0G0
agnicoeagle.com
Sent from Meliadine

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE
TEL: (867) 920-8130
FAX: (867) 873-6924
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR **12-08-2021**	REPORT TIME **15:30**	[X] ORIGINAL SPILL REPORT, OR ☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER _____-_____
B	OCCURRENCE DATE: MONTH – DAY – YEAR **12-07-2021**	OCCURRENCE TIME **15:00**		

C	LAND USE PERMIT NUMBER (IF APPLICABLE) **KVPL11D01**	WATER LICENCE NUMBER (IF APPLICABLE) **2AM-MEL1631**
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION **Meliadine Gold Project**	REGION ☐ NWT [X] NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN
E	LATITUDE DEGREES **63** MINUTES **1** SECONDS **40**	LONGITUDE DEGREES **92** MINUTES **10** SECONDS **36**
F	RESPONSIBLE PARTY OR VESSEL NAME **Agnico Eagle Mines Ltd.**	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION **Meliadine, Rankin Inlet, Nunavut, X0C 0G0**
G	ANY CONTRACTOR INVOLVED **Orbit Garant Drilling**	CONTRACTOR ADDRESS OR OFFICE LOCATION **3200, Boulevard Jean-Jaques Cossette, Val-d-or, Qc, J9P 7G4**

H	PRODUCT SPILLED **Fire Suppression Water**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **800L**	U.N. NUMBER **1202**
	SECOND PRODUCT SPILLED (IF APPLICABLE) **N/A**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **N/A**	U.N. NUMBER **N/A**
I	SPILL SOURCE **Diamond Drill Pump**	SPILL CAUSE **Fire**	AREA OF CONTAMINATION IN SQUARE METRES **18 M2**
J	FACTORS AFFECTING SPILL OR RECOVERY **Frozen Ground**	DESCRIBE ANY ASSISTANCE REQUIRED **N/A**	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT **N/A**

K — ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS

A water pump shack of a diamond drill operating on the shore of Meliadine Lake experienced a fire. After extinguishing the fire and moving the shack away from the area, charred material and potentially contaminated fire suppression water remained on the snow.

Because of winter conditions no water bodies were impacted by this spill. The nearest natural water-body (Meliadine Lake) is 45 m away while extinguishing the fire.

A follow-up report will be issued after a closer investigation is completed. Reported by Brett Fairbairn Environment Coordinator 819-759-3555 ext. 4603996 Brett.Fairbairn@agnicoeagle.com.

L	REPORTED TO SPILL LINE BY **Brett Fairbairn**	POSITION **Env. Coordinator**	EMPLOYER **AEM**	LOCATION CALLING FROM **Meliadine**	TELEPHONE **819-759-3555**
M	ANY ALTERNATE CONTACT **Eric Giroux**	POSITION **Env. Gen. Supervisor**	EMPLOYER **AEM**	ALTERNATE CONTACT LOCATION **Meliadine**	ALTERNATE TELEPHONE **418-559-2861**

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC | SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN | FILE STATUS ☐ OPEN ☐ CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			

Follow Up Report: #21-492
December 7, 2021 – Pump shack fire- 800L fire suppresant water

The following information refers to an incident reported by Agnico Eagle Mines Ltd. December 8, 2021, and is being provided in accordance with:

- the Nunavut Water Board License 2BB-MEL1424 Water License, part H, item 4c
- Subsection 38(7) of the Fisheries Act

Description of Incident

At approximately 15:00 on December 7th, drillers working at a surface diamond drill noticed flames inside the drill's freshwater pump shack, located 45 meters from Meliadine Lake. The driller contacted his supervisor and upon arrival to the pump shack, attempted to extinguish the fire using fire extinguishers. The Emergency Response Team (ERT) arrived at the scene and used the pumper truck to suppress the fire with water. Due to the nature of the shack, the interior contains oil or grease covered surfaces. The act of suppressing the fire with water led to the release of charred material onto the ground and some of which was contained within the shack (Figure 2).

The fire truck holds approximately 3,000 L of water and it is estimated 800L of the tank was used to suppress the fire. This would be the maximum amount of water that could have been released.

Figure 1: Location of the pump shack fire in proximity to Meliadine Lake.

Figure 2: Photos of the pump shack after the fire was supressed and the shack was towed back to the shop.

Spill Response & Cleanup

On December 9th the Orbit Garant drilling team was able to plow all the contaminated snow and ice into a large pile and brought this material to the Snow Cell (Figure 3) on our mine site where it will be stored until the summer and then treated through the oil-water separator.

A post clean-up composite sample was collected and analyzed for residual hydrocarbons. Results indicated that the clean-up was successful and it is anticipated that there will be no environmental.

Figure 3: Contaminated material was placed at the contaminated snow cell

Cause of Incident and Corrective Measures

The root cause of this incident relates back to the cause of the fire, and the need to suppress it with water. The incident has been investigated separately by the Health and Safety team and it was determined that a fan of the frost fighter stopped and caused it to overheat melting the plastic fuel tank underneath enhancing the fires growth.

Maintenance schedule for the frost fighter inside the pumps shack is related to the number hours in use, scheduled maintenance inspection will be increased to decrease the chance of equipment failure.

Moreover, the ERT will evaluate possible other fire suppression methods than water to reduce the environmental impacts.

AGNICO EAGLE

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agnicoeagle.com

NT-NU SPILL REPORT

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TEL: (867) 920-8130
FAX: (867) 873-6924
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR **12-08-2021**	REPORT TIME **11:15**	☒ ORIGINAL SPILL REPORT, OR ☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER ____-_____
B	OCCURRENCE DATE: MONTH – DAY – YEAR **12-08-2021**	OCCURRENCE TIME **7:15**		

C	LAND USE PERMIT NUMBER (IF APPLICABLE) **KVPL11D01**	WATER LICENCE NUMBER (IF APPLICABLE) **2AM-MEL1631**
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION **Meliadine Gold Project**	REGION ☐ NWT ☒ NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN
E	LATITUDE DEGREES **63** MINUTES **2** SECONDS **21**	LONGITUDE DEGREES **92** MINUTES **13** SECONDS **41**
F	RESPONSIBLE PARTY OR VESSEL NAME **Agnico Eagle Mines Ltd.**	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION **Meliadine, Rankin Inlet, Nunavut, X0C 0G0**
G	ANY CONTRACTOR INVOLVED **N/A**	CONTRACTOR ADDRESS OR OFFICE LOCATION **N/A**

H	PRODUCT SPILLED **Untreated Sewage**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **200 Liters**	U.N. NUMBER **N/A**
	SECOND PRODUCT SPILLED (IF APPLICABLE) **N/A**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **N/A**	U.N. NUMBER **N/A**
I	SPILL SOURCE **Multi Service Building Lift Station**	SPILL CAUSE **Overflow**	AREA OF CONTAMINATION IN SQUARE METRES **16**
J	FACTORS AFFECTING SPILL OR RECOVERY **N/A**	DESCRIBE ANY ASSISTANCE REQUIRED **N/A**	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT **N/A**

K — ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS

While transferring treated water from Explo camp to the site Sewage Treatment Plant (STP) an overflow for the Multi Service Building (MSB) lift station resulted in a spill of 200L of sewage to the ground. The winter conditions caused the spill to freeze in place and the frozen material will be scraped up with on site equipment.

No water bodies were impacted by this spill. The nearest natural water-body (G2) is 315 m north.

A follow-up report will be issued at a later date. Reported by Brett Fairbairn. Environment Coordinator 819-759-3555 ext. 4603996 Brett.Fairbairn@agnicoeagle.com.

L	REPORTED TO SPILL LINE BY **Brett Fairbarin**	POSITION **Env. Coordinator**	EMPLOYER **AEM**	LOCATION CALLING FROM **Meliadine**	TELEPHONE **819-759-3555**
M	ANY ALTERNATE CONTACT **Eric Giroux**	POSITION **Env. Gen. Supervisor**	EMPLOYER **AEM**	ALTERNATE CONTACT LOCATION **Meliadine**	ALTERNATE TELEPHONE **418-559-2861**

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC | SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN | FILE STATUS ☐ OPEN ☐ CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			

Follow Up Report: #21-492
December 8, 2021 – 100L Sewage Water

The following information refers to an incident reported by Agnico Eagle Mines Ltd. on December 8, 2021, and is being provided in accordance with:

- the Nunavut Water Board License 2AM-MEL1631 Water License, Part H, item 8c
- the Government of Nunavut's, Environmental Protection Act subsection 5.1(a)

Description of Incident

At approximately 8:00 am on December 8th, 2021, an operator was emptying the retention tanks from exploration camp and depositing it into sewage truck which was being sent to the MSB lift station for final delivery. During the transfer from the sewage truck to the lift station, the pumps of the lift station tripped causing Its holding tank to overflow and release sewage water on the ground by the multi-service building (MSB).

The initial spill report stated that the volume spilled was 200L, upon further assessments and review, it was determined that 100L of sewage water was released.

The coordinates of this spill source (lift station) are 63° 2'21"N, 92°13'41"W. No water bodies were impacted by this spill. All water released was contained within the industrial pad.

Figure 1: 100L Sewage spill location

Spill Response & Cleanup

As soon as the overflow was discovered, the operator put the truck in suction mode to remove as much water as possible from the overflowing lift station. Due to below freezing temperatures, contaminated water froze on ground contact. Contaminated snow/ice was scrapped up and disposed of at the waste rock storage facility.

Cause of Incident and Corrective Measures

As a result of frigid outdoor temperatures, the operator was taking shelter inside the sewage truck and did not notice that the lift station pump was tripped causing and overflow of 100L on the ground. Operators will now work in pairs during extreme freezing temperatures and rotate when they are cold. This will ensure the transfer from the truck to the lift station will always be under visual control with the ability of immediate intervention if needed.

AGNICO EAGLE

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agnicoeagle.com
Sent from Meliadine

NT-NU SPILL REPORT

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FAX: (867) 873-6924
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR **12-26-2021**	REPORT TIME **14:00**	☒ ORIGINAL SPILL REPORT, OR ☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER ____-_____
B	OCCURRENCE DATE: MONTH – DAY – YEAR **12-25-2021**	OCCURRENCE TIME **14:00**		

C	LAND USE PERMIT NUMBER (IF APPLICABLE) **KVPL11D01**	WATER LICENCE NUMBER (IF APPLICABLE) **2AM-MEL1631**
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION **Meliadine Gold Project**	REGION ☐ NWT ☒ NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN
E	LATITUDE DEGREES **63** MINUTES **2** SECONDS **1**	LONGITUDE DEGREES **92** MINUTES **13** SECONDS **7**
F	RESPONSIBLE PARTY OR VESSEL NAME **Agnico Eagle Mines Ltd.**	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION **Meliadine, Rankin Inlet, Nunavut, X0C 0G0**
G	ANY CONTRACTOR INVOLVED **N/A**	CONTRACTOR ADDRESS OR OFFICE LOCATION **N/A**

H	PRODUCT SPILLED **Hydraulic Oil**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **100 L**	U.N. NUMBER **N/A**
	SECOND PRODUCT SPILLED (IF APPLICABLE) **N/A**	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES **N/A**	U.N. NUMBER **N/A**
I	SPILL SOURCE **Haul truck hydraulic hose**	SPILL CAUSE **Broken Hose**	AREA OF CONTAMINATION IN SQUARE METRES
J	FACTORS AFFECTING SPILL OR RECOVERY **None**	DESCRIBE ANY ASSISTANCE REQUIRED	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT

K — ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS

Underground haul truck was dumping load of waste rock at ore pad 2, as the operator drove forward to bring box down, a hydraulic hose busted during movement releasing hydraulic oil on the ore pad.

No water bodies were impacted by this spill. The nearest natural waterbody (B7) is approximately 840 m away.

Pursuant to Part H, Section 8c of the water license, a follow-up report will be issued after a closer investigation is completed.

Reported by Randy Schwandt Environment Coordinator 819-759-3555 ext. 4603996.

L	REPORTED TO SPILL LINE BY **Randy Schwandt**	POSITION **Env. Coordinator**	EMPLOYER **AEM**	LOCATION CALLING FROM **Meliadine**	TELEPHONE **819-759-3555**
M	ANY ALTERNATE CONTACT **Robin Allard**	POSITION **Env. Gen. Supervisor**	EMPLOYER **AEM**	ALTERNATE CONTACT LOCATION **Meliadine**	ALTERNATE TELEPHONE **819-860-1414**

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC | SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN | FILE STATUS ☐ OPEN ☐ CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			

Follow Up Report: #21-503
December 25, 2021 – Haul Truck Hydraulic Spill

The following information refers to an incident reported by Agnico Eagle Mines Ltd. December 25, 2021, and is being provided in accordance with:

- the Nunavut Water Board License 2AM-MEL1631 Water License, Part H, item 8c

Description of Incident

At approximately 14:00 on December 25, 2021, a 50-ton haul truck working on the Ore Pad 2 (OP2) experienced a hydraulic hose failure when moving its box forward. The operator lost hydraulic power and noticed the oil leaking. Approximately 100L of hydraulic oil was released onto the ore pad waste pile.

The coordinates of this spill are 63° 2'1"N, 92°13'7"W. No water bodies were impacted by this spill.

Figure 1: Location of the spill on OP2.

Spill Response & Cleanup

Operators used absorbent pads to absorb the oil and two quatrex bags of oily rags were collected. The pad material below was scraped up with a loader and approximately one cubic meter of pad gravel was removed and brought to the Landfarm A, for future remediation.

Figure 2: Area remediated of contaminated material

Cause of Incident and Corrective Measures

The specific cause in this incident was wear and tear on the vehicle and cold temperatures impacting the equipment. Mandatory vehicle inspections are completed daily before each use and a strict preventive maintenance schedule is followed. The hydraulic system has been repaired on the box lift and the truck is currently in operation.

AGNICO EAGLE

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agnicoeagle.com
Sent from Meliadine