

## **Appendix 28**

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### **Meadowbank 2021 GN spills reports**

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Canada

## 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 <b>2021-01-14</b>		REPORT TIME <b>17:00</b>		<input checked="" type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER _____
	B	OCCURRENCE DATE: MONTH – DAY – YEAR <b>2021-01-13</b>		OCCURRENCE TIME <b>18:00</b>		
C		LAND USE PERMIT NUMBER (IF APPLICABLE) <b>KIOL-BL-14</b>			WATER LICENCE NUMBER (IF APPLICABLE) <b>2AM-MEA1530</b>	
	D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION <b>MEADOWBANK MINE SITE</b>			REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E		LATITUDE DEGREES <b>65</b> MINUTES <b>01</b> SECONDS <b>19</b>			LONGITUDE DEGREES <b>96</b> MINUTES <b>03</b> SECONDS <b>15</b>	
	F	RESPONSIBLE PARTY OR VESSEL NAME <b>AGNICO EAGLES MINES</b>		RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION <b>BAKER LAKE X0C 0A0</b>		
G		ANY CONTRACTOR INVOLVED		CONTRACTOR ADDRESS OR OFFICE LOCATION		
	H	PRODUCT SPILLED <b>Sulphur Prill</b>		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES <b>150KG</b>	U.N. NUMBER <b>1350</b>	
I		SECOND PRODUCT SPILLED (IF APPLICABLE)		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES	U.N. NUMBER	
	J	SPILL SOURCE <b>Mega Bag</b>		SPILL CAUSE <b>Ripped Bag</b>		AREA OF CONTAMINATION IN SQUARE METRES <b>20m2</b>
K		FACTORS AFFECTING SPILL OR RECOVERY		DESCRIBE ANY ASSISTANCE REQUIRED		HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT
	L	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS <b>During operations at Meadowbank, an operator was removing a bag of sulphur prills from a sea can into the Mill. The operator was not aware of the rip and during transport, sulphur prills spilled onto the ground and on the sea can floor. The sulphur prills in the sea can and on the ground that could be picked up, were brought into the Mill. The remaining spill was scraped clean and will be disposed of in the tailings pond.</b>  <b>There were no off site impacts or discharges to any receiving watercourses. Distance to the closest water body is approximately 150m to TPL.</b>  <b>Spill location: Northing: 65'01'10.6" Easting: 96'04'16.2"</b> <b>Contact Information: Tom Thomson 819 759 3555 ext. 4606744</b>				
M		REPORTED TO SPILL LINE BY <b>Tom Thomson</b>	POSITION <b>Env. Coordinator</b>	EMPLOYER <b>Agnico Eagle Mines</b>	LOCATION CALLING FROM <b>Meadowbank</b>	TELEPHONE <b>819-759-3555</b>
	N	ANY ALTERNATE CONTACT <b>Alex Lavallee</b>	POSITION <b>Interim Env. Super</b>	EMPLOYER <b>Agnico Eagle Mines</b>	ALTERNATE CONTACT <b>Meadowbank</b>	ALTERNATE TELEPHONE <b>819-860-0804</b>
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 <input type="checkbox"/> EC <input type="checkbox"/> CCG <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> ILA <input type="checkbox"/> INAC <input type="checkbox"/> NEB <input type="checkbox"/> TC			SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN		FILE STATUS <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED
AGENCY		CONTACT NAME	CONTACT TIME	REMARKS		
LEAD AGENCY						
FIRST SUPPORT AGENCY						
SECOND SUPPORT AGENCY						
THIRD SUPPORT AGENCY						



## 2021-01-13 MBK 150KG Sulphur Prill

GN reference #: 2021-010

Please find the following information as a follow up to the Spill report submitted January 14, 2021 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-MEA1530, Part H, Item 8c.

### Spill Description

During operations, an operator was removing a mega bag of sulphur prills from a sea can into the Mill. The operator was not aware of the rip and during transport, sulphur prills spilled onto the ground and on the sea can floor.



Spill location: 65°01'10.6" 96°04'16.2" on IOL.

There were no off site impacts or discharge to any receiving watercourses. Distance to the closest water body is 150 meters to Third Portage Lake.

## Cause of Spill

Ripped mega bag of sulphur prills.

## Remediation Actions

The sulphur prills in the sea can and on the ground that could be picked up, were brought into the Mill. The remaining spill was scraped clean with a loader and hand shovel. Approximately 2m3 of contaminated snow and material was collected and brought to the tailings at Meadowbank.



## Corrective measures

A routine visual inspection will be completed prior to the removal of Mega bags when transporting from sea can into the Mill.

## Closure

We trust that the above details described appropriately the spill incident that occurred at the Meadowbank site on January 13, 2021 and the cleanup activities. Please contact the undersigned should you have any questions.



Tom Thomson | Environment Coordinator

tom.thomson@agnicoeagle.com | Direct 819.759.3555 x4606744 |

Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0

[agnicoeagle.com](http://agnicoeagle.com)    





Canada

## 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

<b>A</b>	REPORT DATE: MONTH – DAY – YEAR <b>01-26-2021</b>	REPORT TIME <b>19:40</b>	<input checked="" type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT		REPORT NUMBER _____
<b>B</b>	OCCURRENCE DATE: MONTH – DAY – YEAR <b>TBD - See section K</b>	OCCURRENCE TIME <b>TBD</b>			
<b>C</b>	LAND USE PERMIT NUMBER (IF APPLICABLE) <b>KIOL-BL-14</b>	WATER LICENCE NUMBER (IF APPLICABLE) <b>2AM-MEA1530</b>			
<b>D</b>	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION <b>MEADOWBANK MINE SITE</b>	REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN			
<b>E</b>	LATITUDE DEGREES <b>65</b> MINUTES <b>01</b> SECONDS <b>19</b>	LONGITUDE DEGREES <b>96</b> MINUTES <b>03</b> SECONDS <b>15</b>			
<b>F</b>	RESPONSIBLE PARTY OR VESSEL NAME <b>AGNICO EAGLE MINES</b>	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION <b>BAKER LAKE X0C 0A0</b>			
<b>G</b>	ANY CONTRACTOR INVOLVED	CONTRACTOR ADDRESS OR OFFICE LOCATION			
<b>H</b>	PRODUCT SPILLED <b>TREATED GREYWATER</b>	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES <b>TBD</b>	U.N. NUMBER		
	SECOND PRODUCT SPILLED (IF APPLICABLE)	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES	U.N. NUMBER		
<b>I</b>	SPILL SOURCE <b>TREATED DISCHARGE PIPE</b>	SPILL CAUSE <b>CRACKED PIPE</b>	AREA OF CONTAMINATION IN SQUARE METRES <b>200m2</b>		
<b>J</b>	FACTORS AFFECTING SPILL OR RECOVERY	DESCRIBE ANY ASSISTANCE REQUIRED	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT		
<b>K</b>	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS  <b>During inspection of the Meadowbank site (4PM 01/26), water was found near the air strip. Upon further inspection, water was found to be originating from discharge line of treated greywater towards Stormwater Management Pond. Spilled liquid is frozen and contained within a trench, delimited between the airstrip and Stormwater Pond Road. Immediate actions were to stop STP effluent in the broken pipe, to fix the pipeline. Once the pipeline is fixed, the frozen spill will be collected and disposed of in the Stormwater Management Pond.</b>  <b>There were no off site impacts, nor discharges to any receiving watercourses. Distance to closest water body is 600m to Third Portage Lake.</b> <b>Spill location: Northing: 65'01'19.7" Easting: 96'03'46.55" on IOL</b> <b>Contact Information: Eric Haley 819 759 3555 ext. 4606744</b>				
<b>L</b>	REPORTED TO SPILL LINE BY <b>Eric Haley</b>	POSITION <b>Env. Coordinator</b>	EMPLOYER <b>Agnico Eagle Mines</b>	LOCATION CALLING FROM <b>Meadowbank</b>	TELEPHONE <b>819-759-3555</b>
<b>M</b>	ANY ALTERNATE CONTACT <b>Alex Lavallee</b>	POSITION <b>Interim Env. Superint.</b>	EMPLOYER <b>Agnico Eagle Mines</b>	ALTERNATE CONTACT <b>Meadowbank</b>	ALTERNATE TELEPHONE <b>819-860-0804</b>
REPORT LINE USE ONLY					
<b>N</b>	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130
LEAD AGENCY <input type="checkbox"/> EC <input type="checkbox"/> CCG <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> ILA <input type="checkbox"/> INAC <input type="checkbox"/> NEB <input type="checkbox"/> TC			SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN		FILE STATUS <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED
AGENCY		CONTACT NAME	CONTACT TIME	REMARKS	
LEAD AGENCY					
FIRST SUPPORT AGENCY					
SECOND SUPPORT AGENCY					
THIRD SUPPORT AGENCY					



## 2021-01-26 MBK TBD STP Discharge

GN reference #: 2021-026

Please find the following information as a follow up to the Spill report submitted January 26, 2021 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-MEA1530, Part H, Item 8c.

### Spill Description

During inspection of the Meadowbank site, water was found near the air strip. Upon further inspection, water was determined to be originating from discharge line of treated greywater towards Stormwater Management Pond.



Spill location: Northing: 65'01'19.7" Easting: 96'03'46.55" on IOL

There were no off site impacts or discharge to any receiving watercourses. Distance to the closest water body is 600 meters to Third Portage Lake.

## Cause of Spill

The end of the discharge pipe froze and plugged resulting in damage further up the pipeline from the discharge.

## Remediation Actions

Spilled liquid is frozen and contained within a trench, delimited between the airstrip and Stormwater Pond Road. Due to the spill's proximity to the airstrip and electrical cables, the clean-up activities are technical and challenging. An action plan is being developed to safely remove the frozen spill. Due to the type of material spilt, no lasting impact is expected after the frozen material has been removed. The frozen material will be disposed of in the Stormwater Management Pond.

## Corrective measures

Pipeline inspection is part of standard site operation. Reminder of clearing discharge location to prevent ice buildup given.

## Closure

We trust that the above details described appropriately the spill incident that occurred at the Meadowbank site on January 26, 2021. An additional report will be sent including the amount of material and estimated quantity after the spill has been successfully cleaned. Please contact the undersigned should you have any questions.



Eric Haley | Environment Coordinator

[eric.haley@agnicoeagle.com](mailto:eric.haley@agnicoeagle.com) | Direct 819.759.3555 x4606744 |

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Canada

## 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 <b>2021-03-13</b>		REPORT TIME <b>20:00</b>		<input checked="" type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER _____
	B	OCCURRENCE DATE: MONTH – DAY – YEAR <b>2021-03-13</b>		OCCURRENCE TIME <b>15:00</b>		
C		LAND USE PERMIT NUMBER (IF APPLICABLE) <b>KIOL-BL-14</b>			WATER LICENCE NUMBER (IF APPLICABLE) <b>NWB-2AM-MEA-1530</b>	
	D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION <b>MEADOWBANK MINE SITE</b>			REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E		LATITUDE DEGREES <b>65</b> MINUTES <b>01</b> SECONDS <b>19</b>			LONGITUDE DEGREES <b>96</b> MINUTES <b>03</b> SECONDS <b>13</b>	
	F	RESPONSIBLE PARTY OR VESSEL NAME <b>AGNICO EAGLE MINES LTD</b>		RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION <b>BAKER LAKE X0C 0A0</b>		
G		ANY CONTRACTOR INVOLVED <b>ARCTIC FUEL</b>		CONTRACTOR ADDRESS OR OFFICE LOCATION		
	H	PRODUCT SPILLED <b>DIESEL</b>		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES <b>300L</b>	U.N. NUMBER <b>1202</b>	
I		SECOND PRODUCT SPILLED (IF APPLICABLE)		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES	U.N. NUMBER	
	J	SPILL SOURCE <b>FUEL TANKER 24</b>		SPILL CAUSE <b>Vehicle off the road</b>		AREA OF CONTAMINATION IN SQUARE METRES <b>TBD</b>
K		FACTORS AFFECTING SPILL OR RECOVERY		DESCRIBE ANY ASSISTANCE REQUIRED		HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT
	L	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS				
M		<p><b>During operations at Meadowbank, fuel tanker 24 was traveling North on the All Weather Access Road (AWAR), when it went off the road and tipped over on its side. The passenger side fuel tank on the tractor was damaged as it tipped over and spilled it's contents. Spill pads and secondary containment were deployed and efforts to transfer the fuel into an empty tanker are underway. There is no visible damage or leaking from the main tanker. Once the tanker is emptied and removing, remediation efforts will being to remove contaminated snow and material. All contaminated snow and material will be brought to the Meadowbank Landfarm.</b></p> <p><b>There were no off site impacts or discharge to any receiving watercourses. Distance to the closest water body is 150m to an unnamed pond along the AWAR.</b></p> <p><b>Spill Location: Northing: 64' 53'22.7" Easting: 96' 20' 44.1"</b></p> <p><b>Contact Information: Tom Thomson 819-759-3555 EXT.: 460-6744</b></p>				
	N	REPORTED TO SPILL LINE BY <b>Tom Thomson</b>	POSITION <b>ENV. COORDINATOR</b>	EMPLOYER <b>AGNICO EAGLE</b>	LOCATION CALLING FROM <b>819 759 3555</b>	TELEPHONE <b>4606744</b>
ANY ALTERNATE CONTACT <b>Alex Lavalee</b>		POSITION <b>INT. ENV SUPER</b>	EMPLOYER <b>AGNICO EAGLE</b>	ALTERNATE CONTACT <b>819 759 3555</b>	ALTERNATE TELEPHONE <b>819 860 0804</b>	
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 <input type="checkbox"/> EC <input type="checkbox"/> CCG <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> ILA <input type="checkbox"/> INAC <input type="checkbox"/> NEB <input type="checkbox"/> TC			SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN		FILE STATUS <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED
AGENCY		CONTACT NAME	CONTACT TIME	REMARKS		
LEAD AGENCY						
FIRST SUPPORT AGENCY						
SECOND SUPPORT AGENCY						
THIRD SUPPORT AGENCY						



## 2021-03-13 MBK 100L Diesel

GN reference #: 2021-093

Please find the following information as a follow up to the Spill report submitted March 13, 2021 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-MEA1530, Part H, Item 8c.

### Spill Description

During operations, an operator was traveling North on the All Weather Access Road (AWAR), when it went off the road and tipped over on it's side.



Spill location: 64°53'22.7" 96°20'44.1" on Crown Land.

There were no off site impacts or discharge to any receiving watercourses. Distance to the closest water body is 150 meters to an unnamed pond along the AWAR.

## Cause of Spill

The fuel tanker tipped on its side causing the passenger side fuel tank to spill diesel fuel onto the ground.

## Remediation Actions

After the fuel from the main tanker was transferred, tanker 24 was placed back on the road and the spill area was scraped clean with a Backhoe and hand shovel. Upon further inspection, the passenger side fuel tank was not damaged and approximately 80% of the fuel volume remained in the tank, therefore the total volume spilled was less than or equal to 100L. Approximately 10m<sup>3</sup> of contaminated snow and material was collected and brought to the landfarm at Meadowbank.



## Corrective measures

A routine visual inspection of all systems is performed during pre-operations checks as a part of the preventive maintenance program. A review of AWAR procedure will also be completed by the AFS drivers.

## Closure

We trust that the above details described appropriately the spill incident that occurred at the Meadowbank site on March 13, 2021 and the cleanup activities. Please contact the undersigned should you have any questions.



Tom Thomson | Environment Coordinator

tom.thomson@agnicoeagle.com | Direct 819.759.3555 x4606744 |

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Canada

## 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 <b>03-23-2021</b>		REPORT TIME <b>17:20</b>		<input checked="" type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER _____
	B	OCCURRENCE DATE: MONTH – DAY – YEAR <b>03-22-2021</b>		OCCURRENCE TIME <b>20:00</b>		
C		LAND USE PERMIT NUMBER (IF APPLICABLE) <b>KIOL-BL-14</b>			WATER LICENCE NUMBER (IF APPLICABLE) <b>NWB-2AM-MEA-1530</b>	
	D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION <b>MEADOWBANK MINE SITE</b>			REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E		LATITUDE DEGREES <b>65</b> MINUTES <b>01</b> SECONDS <b>19</b>			LONGITUDE DEGREES <b>96</b> MINUTES <b>03</b> SECONDS <b>13</b>	
	F	RESPONSIBLE PARTY OR VESSEL NAME <b>AGNICOEAGLE MINES LTD</b>		RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION <b>BAKER LAKE X0C 0AC</b>		
G		ANY CONTRACTOR INVOLVED		CONTRACTOR ADDRESS OR OFFICE LOCATION		
	H	PRODUCT SPILLED <b>SEWAGE WATER</b>		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES <b>50L</b>		U.N. NUMBER
I		SECOND PRODUCT SPILLED (IF APPLICABLE)		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES		U.N. NUMBER
	J	SPILL SOURCE <b>WING#4 DRAIN PIPE</b>		SPILL CAUSE <b>DAMAGED PIPE</b>		AREA OF CONTAMINATION IN SQUARE METRES <b>2</b>
K		FACTORS AFFECTING SPILL OR RECOVERY <b>CONFINED SPACE/SNOW</b>		DESCRIBE ANY ASSISTANCE REQUIRED		HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT
	L	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS <b>During process of investigating issues in the sewage drain piping of wing #4 of the Meadowbank Camp. The sewage piping was found to be cracked and frozen. In the process of repair and clearing of ice, roughly 50L of sewage water was spilled under the building and onto the frozen ground. The contaminated soil brought to the Meadowbank Landfarm. Monthly visual inspections of all sewage piping is conducted as part of regular maintenance.</b> <b>There were no off site impacts or discharge to any receiving watercourses. Distance to closest water body is 300m to Third Portage Lake.</b> <b>Spill Location: Northing: 65 1'16.1" Easting: 96 4'12.8" on IOL</b> <b>Contact Information: Eric Haley, 819.759.3555 EXT.:4606744</b>				
M		REPORTED TO SPILL LINE BY <b>Eric Haley</b>	POSITION <b>Env. Coordinator</b>	EMPLOYER <b>Agnico Eagle</b>	LOCATION CALLING FROM <b>819.759.3555</b>	TELEPHONE <b>460-6744</b>
	N	ANY ALTERNATE CONTACT <b>Alex Lavallee</b>	POSITION <b>Int. Env. Superint.</b>	EMPLOYER <b>Agnico Eagle</b>	ALTERNATE CONTACT LOCATION	ALTERNATE TELEPHONE <b>819.860.0804</b>
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 <input type="checkbox"/> EC <input type="checkbox"/> CCG <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> ILA <input type="checkbox"/> INAC <input type="checkbox"/> NEB <input type="checkbox"/> TC			SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN		FILE STATUS <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED
AGENCY		CONTACT NAME		CONTACT TIME		REMARKS
LEAD AGENCY						
FIRST SUPPORT AGENCY						
SECOND SUPPORT AGENCY						
THIRD SUPPORT AGENCY						



## 2021-03-22 MBK 50L Sewage

GN reference #: 2021-108

Please find the following information as a follow up to the Spill report submitted March 23, 2021 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-MEA1530, Part H, Item 8c.

### Spill Description

During process of investigating issues in the sewage drain piping of wing #4 of the Meadowbank Camp, the sewage piping was found to be cracked and frozen. In the process of repair and clearing of ice, roughly 50L of sewage water was spilled under the building and froze in place, covering 2m<sup>2</sup>.



Spill location: 64°01'16.1" 96°04'12.8" on IOL.

There were no off site impacts or discharge to any receiving watercourses. Distance to the closest water body is 300 meters to Third Portage Lake.

## Cause of Spill

Damaged sewage line due to freezing temperatures.

## Remediation Actions

Re-inspection of all sewage lines on site. Once skirt of the building is accessible, estimated to be around mid-May, a combination of steaming machine and vacuum truck will be used in the confined space to cleanup the frozen sewage.

## Corrective measures

Monthly visual inspection of all sewage piping is conducted as part of regular maintenance activities. A camp leveling adjustment campaign is planned to occur annually, to remediate any potential settlement that could be occurring in the wings, which may induce additional stress to associated piping.

## Closure

We trust that the above details described appropriately the spill incident that occurred at the Meadowbank site on March 22, 2021. Please contact the undersigned should you have any questions.



**Eric Haley** | Environment Coordinator

[eric.haley@agnicoeagle.com](mailto:eric.haley@agnicoeagle.com) | Direct 819.759.3555 x4606744 |

Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0

[agnicoeagle.com](http://agnicoeagle.com)    



Canada

## 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

<b>A</b>	REPORT DATE: MONTH – DAY – YEAR <b>05-04-2021</b>	REPORT TIME <b>16:00</b>	<input checked="" type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT		REPORT NUMBER _____
<b>B</b>	OCCURRENCE DATE: MONTH – DAY – YEAR <b>05-03-2021</b>	OCCURRENCE TIME <b>8:15</b>			
<b>C</b>	LAND USE PERMIT NUMBER (IF APPLICABLE) <b>KIOL-BL-14</b>	WATER LICENCE NUMBER (IF APPLICABLE) <b>NWB-2AM-MEA1530</b>			
<b>D</b>	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION <b>Meadowbank</b>	REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN			
<b>E</b>	LATITUDE DEGREES <b>65</b> MINUTES <b>01</b> SECONDS <b>19</b>	LONGITUDE DEGREES <b>96</b> MINUTES <b>03</b> SECONDS <b>15</b>			
<b>F</b>	RESPONSIBLE PARTY OR VESSEL NAME <b>AGNICO EAGLE MINES LTD</b>	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION <b>BAKER LAKE X0C 0A0</b>			
<b>G</b>	ANY CONTRACTOR INVOLVED	CONTRACTOR ADDRESS OR OFFICE LOCATION			
<b>H</b>	PRODUCT SPILLED <b>Total Suspended Solids (TSS)</b>	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES <b>13.4 kg</b>	U.N. NUMBER <b>N/A</b>		
	SECOND PRODUCT SPILLED (IF APPLICABLE)	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES	U.N. NUMBER		
<b>I</b>	SPILL SOURCE <b>Dewatering water (ST-MMER-3)</b>	SPILL CAUSE <b>Effluent Discharge</b>	AREA OF CONTAMINATION IN SQUARE METRES <b>N/A</b>		
<b>J</b>	FACTORS AFFECTING SPILL OR RECOVERY	DESCRIBE ANY ASSISTANCE REQUIRED	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT		
<b>K</b>	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS  <b>The effluent of ST-MMER-3 East dike discharge was sampled on May 3, 2021 at 8:15 am as required by the Water License 2AM-MEA1530 and MDMER. The results of the internal TSS analysis revealed a concentration of 55 mg/L. Upon the receipt of results on May 4 at 8:45 am, another sample was taken with an internal result of 9 mg/L of TSS. The external laboratory results and certificates are pending. Based on a total flow of 243 m3 between May 3 8:15 am (previous grab sample) and May 4 8:45 am, the quantity of TSS is estimated at 13.4 kg.</b>  <b>Spill location : ST-MMER-3 65°01'11.2" N 96°02'32.0"W</b>  <b>Contact: Tom Thomson, 819-759-3555 #4606744</b>				
<b>L</b>	REPORTED TO SPILL LINE BY <b>Nicolas Saucier</b>	POSITION <b>Sr Env. Technician</b>	EMPLOYER <b>Agnico Eagle Mines</b>	LOCATION CALLING FROM <b>MEADOWBANK</b>	TELEPHONE <b>819-759-3555</b>
<b>M</b>	ANY ALTERNATE CONTACT <b>Tom Thomson</b>	POSITION <b>Env. Coordinator</b>	EMPLOYER <b>Agnico Eagle Mines</b>	ALTERNATE CONTACT LOCATION <b>MEADOWBANK</b>	ALTERNATE TELEPHONE <b>819-759-3555</b>
REPORT LINE USE ONLY					
<b>N</b>	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130
LEAD AGENCY <input type="checkbox"/> EC <input type="checkbox"/> CCG <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> ILA <input type="checkbox"/> INAC <input type="checkbox"/> NEB <input type="checkbox"/> TC			SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN		FILE STATUS <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED
AGENCY		CONTACT NAME	CONTACT TIME	REMARKS	
LEAD AGENCY					
FIRST SUPPORT AGENCY					
SECOND SUPPORT AGENCY					
THIRD SUPPORT AGENCY					



## AGNICO EAGLE

June 11, 2021

**Re: Agnico Eagle Meadowbank Mine – East Dike Pond Discharge Total Suspended Solids Exceedance reported on May 4, 2021 - Follow up report**

As required by Water License 2AM-MEA1530 Part H, Item 8b pursuant to subsection 12(3) of the Nunavut Waters and Nunavut Surface Rights Tribunal Act, the Government of Nunavut's, Environmental Protection Act paragraph 5.1(a), Subsections 38(5) of the Fisheries Act and Section 24 of the Metal Diamond Mining Effluent Regulations (MDMER), Agnico Eagle Mine Ltd. Meadowbank Division informed you via email on May 4<sup>th</sup> that the level of Total Suspended Solids (TSS) from the East Dike Discharge exceeded the limits, set out in Water License Part F Item 7 and MDMER Schedule 4, of 30 mg/L for the maximum authorized concentration in a grab sample.

As required by Water License 2AM-MEA1530 Part H, Item 8c, Subsection 38(7) of the Fisheries Act and MDMER Section 31, please consider this letter as the written report describing the test results to be submitted 30 days after the tests have been completed.

Water discharge to Second Portage Lake for the regulatory East Dike Discharge has been ongoing during the Meadowbank operations and as required by Water License and MDMER, weekly samples are taken and reported monthly via the NWB Monthly report and on a quarterly basis via the ECCC SWIM system.

The East Dike Discharge effluent was sampled on May 3, 2021 at 08:15 CT. The results of the internal TSS analysis, received on May 4, revealed a concentration of 55 mg/L. Accredited external laboratory results of this sample were received on May 7. The result for total suspended solid (TSS) of 29 mg/L validated the grab sample on May 3, 2021 did not exceed the regulatory limit of 30 mg/L maximum authorized concentration in a grab sample. As a precautionary measure, the East Dike Discharge effluent to Second Portage Lake was sampled again on May 5 (TSS 3 mg/L) along with a toxicity test. TSS results received on May 7 and Toxicity results received on May 17 verified no exceedance or impact to the Environment.

Historically, the East Discharge effluent has been stopped prior to freshet each spring to prevent any TSS exceedances. As a precautionary measure, the East Dike Discharge was stopped on May 6, 2021 and currently there is still no discharge from the East Dike seepage to Second Portage Lake. Agnico Eagle has put in place a weekly TSS monitoring program to follow the water quality. Once the results are satisfying for Agnico Eagle and compliant with the MDMER and NWB Water License 2AM-MEA1530 regulation for a period judged acceptable for confirmation that the TSS level meets discharge criteria, the water discharge may resume in Second Portage Lake.



## **AGNICO EAGLE**

Agnico is confident that the aquatic environment was protected and not impacted. Core receiving environment monitoring in Second Portage Lake has been collected and is ongoing and will confirm these findings.

Should you have any questions regarding this report, please do not hesitate to contact the undersigned.

Regards,

**Agnico Eagle Mines Limited – Meadowbank Division**

Eric Haley  
[eric.haley@agnicoeagle.com](mailto:eric.haley@agnicoeagle.com)  
Environmental Coordinator

*CC: Alexandre Lavallee – Agnico Eagle*





Canada

## 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 <b>06-11-2021</b>		REPORT TIME <b>18:00</b>		<input checked="" type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER _____
	B	OCCURRENCE DATE: MONTH – DAY – YEAR <b>06-11-2021</b>		OCCURRENCE TIME <b>14:00</b>		
C		LAND USE PERMIT NUMBER (IF APPLICABLE) <b>KIOL-BL-14</b>			WATER LICENCE NUMBER (IF APPLICABLE) <b>NWB-2AM-MEA1530</b>	
	D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION <b>MEADOWBANK MINE SITE</b>			REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E		LATITUDE DEGREES <b>65</b> MINUTES <b>01</b> SECONDS <b>19</b>			LONGITUDE DEGREES <b>96</b> MINUTES <b>03</b> SECONDS <b>13</b>	
	F	RESPONSIBLE PARTY OR VESSEL NAME <b>AGNICO EAGLE MINES LTD</b>		RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION <b>BAKER LAKE X0C 0A0</b>		
G		ANY CONTRACTOR INVOLVED		CONTRACTOR ADDRESS OR OFFICE LOCATION		
	H	PRODUCT SPILLED <b>DIESEL</b>		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES <b>500L</b>	U.N. NUMBER <b>1202</b>	
I		SECOND PRODUCT SPILLED (IF APPLICABLE)		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES	U.N. NUMBER	
	J	SPILL SOURCE <b>1000L FUEL TANK</b>		SPILL CAUSE <b>TIPPED OVER - ICE MELT</b>		AREA OF CONTAMINATION IN SQUARE METRES <b>300M2</b>
K		FACTORS AFFECTING SPILL OR RECOVERY		DESCRIBE ANY ASSISTANCE REQUIRED		HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT
	L	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS				
M		<p><b>During operations at Meadowbank, a 1000L fuel tank was found to have tipped over near the maintenance shop, due to melting of ice under the tank. 500L of fuel leaked from the breather valve while tank was on its side. The tank was returned to its upright position, and spill pads, socks, and a trench was excavated to contain all of the spill within the maintenance shop pad. 20m3 of contaminated pad material was excavated and sent to the landfarm.</b></p> <p><b>There were no off site impacts or discharge to any receiving watercourses. Distance to the closest water body is 425m to Third Portage Lake.</b></p> <p><b>The spill occurred on IOL, at 65 01' 19.8" N; 96 04' 04.2".</b></p> <p><b>Contact Information: Eric Haley, 819-759-3555 EXT.:460-6744</b></p>				
	N	REPORTED TO SPILL LINE BY <b>Eric Haley</b>	POSITION <b>Env. Coordinator</b>	EMPLOYER <b>Agnico Eagle Mines</b>	LOCATION CALLING FROM <b>819-759-3555</b>	TELEPHONE <b>x4606744</b>
ANY ALTERNATE CONTACT <b>Alex Lavallee</b>		POSITION <b>Env Superintendent</b>	EMPLOYER <b>Agnico Eagle Mines</b>	ALTERNATE CONTACT LOCATION	ALTERNATE TELEPHONE <b>819-860-0804</b>	
REPORT LINE USE ONLY						
O	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130	
	LEAD AGENCY <input type="checkbox"/> EC <input type="checkbox"/> CCG <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> ILA <input type="checkbox"/> INAC <input type="checkbox"/> NEB <input type="checkbox"/> TC		SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN		FILE STATUS <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED	
AGENCY		CONTACT NAME	CONTACT TIME	REMARKS		
LEAD AGENCY						
FIRST SUPPORT AGENCY						
SECOND SUPPORT AGENCY						
THIRD SUPPORT AGENCY						



## 2021-06-11 MBK 500L Diesel Fuel

GN reference #: 2021-244

Please find the following information as a follow up to the Spill report submitted June 11, 2021 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-MEA1530, Part H, Item 8c.

### Spill Description

During operations at Meadowbank, a 1000L fuel tank was found to have tipped over near the maintenance shop, due to melting of ice under the tank. 500L of fuel leaked from the breather valve while tank was on its side.



Spill location: 65°01'19.8" 96°04'04.2" on IOL.

There were no off site impacts or discharge to any receiving watercourses. Distance to the closest water body is 425 meters to Third Portage Lake.

## Cause of Spill

Unanchored fuel tank tipped over due to ice melting below its footing.

## Remediation Actions

Heavy equipment was mobilized to assist in cleanup. The tank was returned to its upright position. A small berm, combined with spill pads and sock were used to help contain runoff. The entire spill was contained on the maintenance shop pad. 20m<sup>3</sup> of contaminated pad material was excavated and sent to the landfarm.



## Corrective measures

All tanks around site were inspected, and anchoring requirements reviewed to mitigate reoccurrence potential. Furthermore, heating design of maintenance shop is being reviewed to explore possibilities to remove the need of supplemental fuel in this location.

## Closure

We trust that the above details described appropriately the spill incident that occurred at the Meadowbank site on June 11, 2021 and the cleanup activities. Please contact the undersigned should you have any questions.



Eric Haley | Environmental Coordinator

[eric.haley@agnicoeagle.com](mailto:eric.haley@agnicoeagle.com) | Direct 819.759.3555 x4606744 |

Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0

[agnicoeagle.com](http://agnicoeagle.com)    



Canada

## 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

<b>A</b>	REPORT DATE: MONTH – DAY – YEAR <b>06-17-2021</b>	REPORT TIME <b>8:15</b>	<input checked="" type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT		REPORT NUMBER _____
<b>B</b>	OCCURRENCE DATE: MONTH – DAY – YEAR <b>06-16-2021</b>	OCCURRENCE TIME <b>6:30</b>			
<b>C</b>	LAND USE PERMIT NUMBER (IF APPLICABLE) <b>KIOL-BL-14</b>	WATER LICENCE NUMBER (IF APPLICABLE) <b>NWB-2AM-MEA1530</b>			
<b>D</b>	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION <b>MEADOWBANK MINE SITE</b>	REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN			
<b>E</b>	LATITUDE DEGREES <b>65</b> MINUTES <b>01</b> SECONDS <b>19</b>	LONGITUDE DEGREES <b>96</b> MINUTES <b>03</b> SECONDS <b>13</b>			
<b>F</b>	RESPONSIBLE PARTY OR VESSEL NAME <b>AGNICO EAGLE MINES LTD</b>	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION <b>BAKER LAKE X0C 0A0</b>			
<b>G</b>	ANY CONTRACTOR INVOLVED	CONTRACTOR ADDRESS OR OFFICE LOCATION			
<b>H</b>	PRODUCT SPILLED <b>DIESEL</b>	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES <b>TBD</b>	U.N. NUMBER <b>1202</b>		
	SECOND PRODUCT SPILLED (IF APPLICABLE)	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES	U.N. NUMBER		
<b>I</b>	SPILL SOURCE <b>5M FUEL TANK</b>	SPILL CAUSE <b>TBD</b>	AREA OF CONTAMINATION IN SQUARE METRES <b>10 M2</b>		
<b>J</b>	FACTORS AFFECTING SPILL OR RECOVERY	DESCRIBE ANY ASSISTANCE REQUIRED	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT		
<b>K</b>	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS  <b>During a routine inspection, a small presence of diesel fuel was observed in the secondary containment of the Meadowbank Fuel Tank. Further investigation has failed to demonstrate any new inflow of fuel in the secondary containment. No conclusion has come to as the origin of the fuel. Nevertheless, due to the proximity of the fuel storage facility, further investigation and monitoring is ongoing. This spill report is communicated in the spirit of transparency, and by due diligence, as the diesel is fully contained within the secondary containment.</b>  <b>There were no off site impacts or discharge to any receiving watercourses. Distance to the closest water body is 250m to Third Portage Lake.</b> <b>The spill occurred on IOL, at 65 00' 57.1" N; 96 03' 55.4".</b> <b>Contact Information: Eric Haley, 819-759-3555 EXT.:460-6744</b>				
<b>L</b>	REPORTED TO SPILL LINE BY <b>Eric Haley</b>	POSITION <b>Env. Coordinator</b>	EMPLOYER <b>Agnico Eagle Mines</b>	LOCATION CALLING FROM <b>819-759-3555</b>	TELEPHONE <b>x4606744</b>
<b>M</b>	ANY ALTERNATE CONTACT <b>Alex Lavallee</b>	POSITION <b>Env. Superintendent</b>	EMPLOYER <b>Agnico Eagle Mines</b>	ALTERNATE CONTACT LOCATION	ALTERNATE TELEPHONE <b>819-860-0804</b>
REPORT LINE USE ONLY					
<b>N</b>	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130
LEAD AGENCY <input type="checkbox"/> EC <input type="checkbox"/> CCG <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> ILA <input type="checkbox"/> INAC <input type="checkbox"/> NEB <input type="checkbox"/> TC			SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN		FILE STATUS <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED
AGENCY		CONTACT NAME	CONTACT TIME	REMARKS	
LEAD AGENCY					
FIRST SUPPORT AGENCY					
SECOND SUPPORT AGENCY					
THIRD SUPPORT AGENCY					





## 2021-06-16 MBK Diesel Fuel

GN reference #: 2021-250

Please find the following information as a follow up to the Spill report submitted June 17, 2021 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-MEA1530, Part H, Item 8c.

### Spill Description

During a routine inspection, a small presence (10m<sup>2</sup>) of diesel fuel was observed in the secondary containment of the Meadowbank Fuel Tank. Further investigation has failed to demonstrate any new inflow of fuel in the secondary containment. No conclusion has come to as the origin of the fuel. The spill report was communicated in the spirit of transparency, and by due diligence, as the fuel is fully contained within the secondary containment.



Spill location: 65°00'57.1" 96°03'55.4" on IOL.

There were no off site impacts or discharge to any receiving watercourses. Distance to the closest water body is 250 meters to Third Portage Lake.

## Cause of Spill

It is currently unknown what is the origin or the source of the spill. The fuel tank is not expected to have been the source of the small presence of fuel, but rather the potential temporary

## Remediation Actions

The main fuel tank has been emptied, and is in the process of being inspected and will be recertified.

## Corrective measures

Any potential deficiency identified in the inspection process of the fuel reservoir will be addressed and corrected to recertify the tank.

## Closure

We trust that the above details described appropriately the spill incident that was observed at the Meadowbank site on June 16, 2021 and the cleanup activities. Please contact the undersigned should you have any questions.



Eric Haley | Environmental Coordinator

[eric.haley@agnicoeagle.com](mailto:eric.haley@agnicoeagle.com) | Direct 819.759.3555 x4606744 |

Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0

[agnicoeagle.com](http://agnicoeagle.com)    





Canada

## 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 <b>06-25-2021</b>		REPORT TIME <b>19:30</b>		<input checked="" type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER _____
	B	OCCURRENCE DATE: MONTH – DAY – YEAR <b>06-25-2021</b>		OCCURRENCE TIME <b>11:30</b>		
C		LAND USE PERMIT NUMBER (IF APPLICABLE) <b>KIOL-BL-14</b>			WATER LICENCE NUMBER (IF APPLICABLE) <b>NWB-2AM-MEA1530</b>	
	D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION <b>MEADOWBANK MINE SITE</b>			REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E		LATITUDE DEGREES <b>65</b> MINUTES <b>01</b> SECONDS <b>19</b>			LONGITUDE DEGREES <b>96</b> MINUTES <b>03</b> SECONDS <b>13</b>	
	F	RESPONSIBLE PARTY OR VESSEL NAME <b>AGNICO EAGLE MINES LTD</b>		RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION <b>BAKER LAKE XOC 0A0</b>		
G		ANY CONTRACTOR INVOLVED <b>ARCTIC FUEL</b>		CONTRACTOR ADDRESS OR OFFICE LOCATION <b>BAKER LAKE</b>		
	H	PRODUCT SPILLED <b>Total Suspended Solids (TSS)</b>		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES <b>TBD</b>		U.N. NUMBER <b>N/A</b>
I		SECOND PRODUCT SPILLED (IF APPLICABLE)		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES		U.N. NUMBER
	J	SPILL SOURCE <b>Surface Runoff</b>		SPILL CAUSE <b>Construction Activity</b>		AREA OF CONTAMINATION IN SQUARE METRES <b>N/A</b>
K		FACTORS AFFECTING SPILL OR RECOVERY		DESCRIBE ANY ASSISTANCE REQUIRED		HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT
	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS <b>During operations at the Meadowbank complex - overburden material was being removed for the pad extension at the Baker Lake spud barge. The construction activities were in a wet area and the runoff created an apparent plume of TSS flowing into Baker Lake. Construction activities were stopped and efforts to prevent further TSS discharge are underway. Internal water samples were collected at the time of the incident and external laboratory samples results will be included in the follow up along with corrective actions.</b>  <b>Spill Location: 64°18'20.37" 95°57'22.55"</b> <b>Contact Information: Tom Thomson, 819-759-3555 ext. 4606744</b>					
L	REPORTED TO SPILL LINE BY <b>Tom Thomson</b>	POSITION <b>Env. Coordinator</b>	EMPLOYER <b>Agnico Eagle Mines</b>	LOCATION CALLING FROM <b>Meadowbank</b>	TELEPHONE <b>819-759-3555</b>	
	M	ANY ALTERNATE CONTACT <b>Alex Lavallee</b>	POSITION <b>Env. Superintendant</b>	EMPLOYER <b>Agnico Eagle Mines</b>	ALTERNATE CONTACT <b>Meadowbank</b>	ALTERNATE TELEPHONE <b>819-860-0804</b>
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 <input type="checkbox"/> EC <input type="checkbox"/> CCG <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> ILA <input type="checkbox"/> INAC <input type="checkbox"/> NEB <input type="checkbox"/> TC			SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN		FILE STATUS <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED
AGENCY		CONTACT NAME	CONTACT TIME	REMARKS		
LEAD AGENCY						
FIRST SUPPORT AGENCY						
SECOND SUPPORT AGENCY						
THIRD SUPPORT AGENCY						



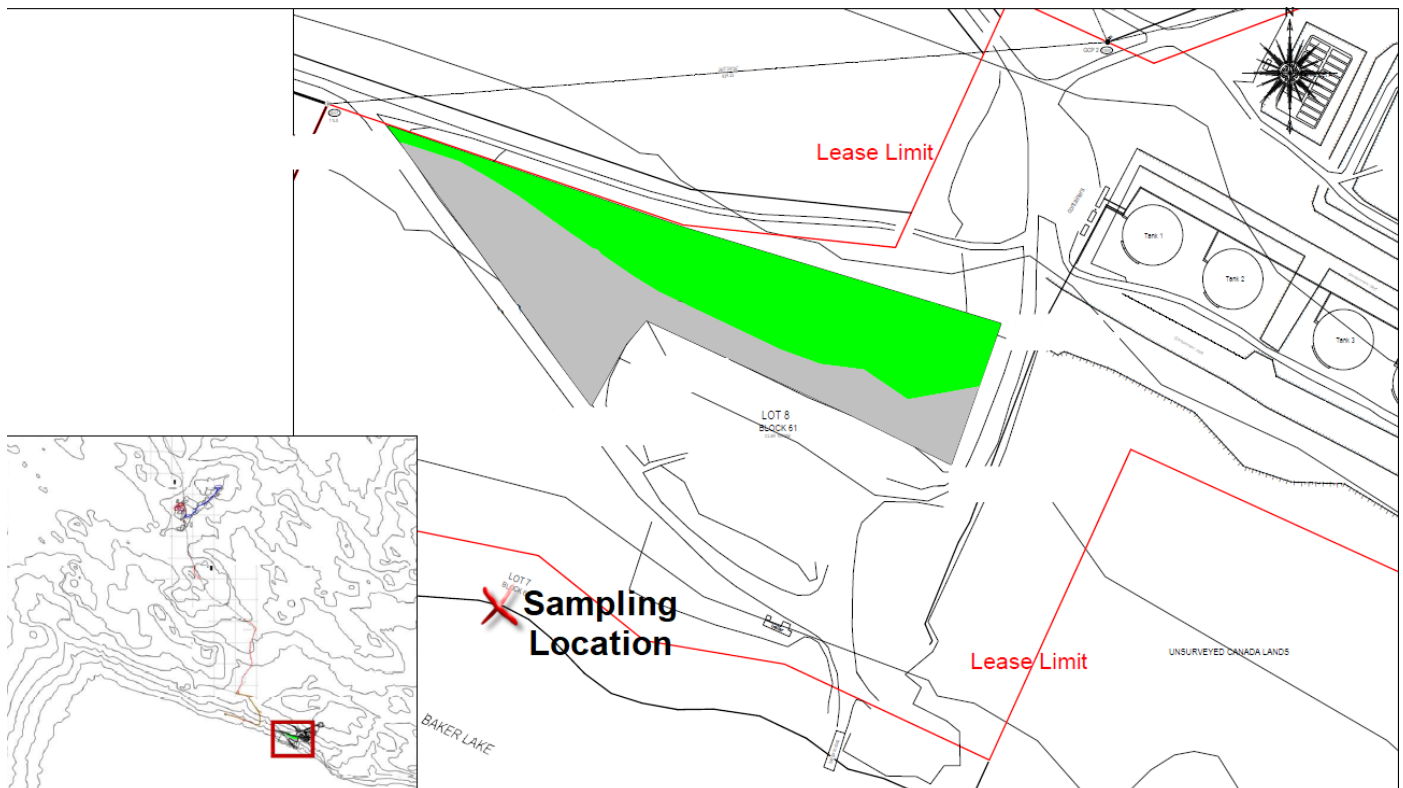
## 2021-06-25 MBK Baker Lake TSS

GN reference #: 2021-264

Please find the following information as a follow up to the spill report, #2021-264, submitted June 25, 2021 by Agnico Eagle Meadowbank Division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-MEA1530, Part H, Item 8c and subsection 38(7) of the Fisheries Act.

### Description of the event

As approved by the Baker Lake Hamlet under permit No. 603-001, earthworks were underway at the Agnico Eagle spud barge to increase the shipping container storage area. This construction was contracted to Arctic Fuel Services, with minimal Agnico Eagle supervision due to the COVID pandemic regulations. The overburden material being excavating was fully saturated due to the rain of the previous days, in addition to surface water runoff from snow melt. This caused an apparent plume of TSS into Baker Lake. The plume was first noticed by Agnico's environmental technician during a routine weekly inspection of the Baker Lake Tank farm and Marshalling Area. The following layout present the location of construction.



Construction Layout of Planned Excavation highlighted in green. Grey area represents the cut line.

The pad extension works were immediately stopped and sampling was performed. Internal TSS sampling results, taken at the time of the event about 1 meter into the lake where visible plume was noted, indicated 335 mg/L of TSS. Upon return to Baker Lake with the appropriate sampling material the following day (June 26<sup>th</sup>), various parameters were sampled, at the same location as the internal sample, through an external accredited laboratory (TSS, metals, oil & grease, C10-C50 hydrocarbons) as well as an acute lethality of effluent to *Daphnia magna* and *Rainbow Trout* sample. The result of these analysis showed no result of concern, as all tested parameters, with the exception of TSS values of 3 mg/L, are within the water quality baseline range of Baker Lake, and no toxicity to *Daphnia Magna* nor *Rainbow Trout*.



View of the shore of Baker Lake – June 25, 2021

Spill location: 64° 18'20.37" 95° 57'22.55". The impacted waterbody is Baker Lake.

### Cause of the event

Fully saturated overburden excavation, combined with surface runoff from rain and snowmelt, caused turbid water runoff into Baker Lake. This TSS event was caused by the lack of temporary mitigation measures to minimize the migration of TSS during the construction works.

### Remediation Actions

Even though the plume of TSS was no longer visible in the lake on June 26<sup>th</sup>, construction activities were put on hold until July 1<sup>st</sup>, at which point mitigation measures were put in place and combined with reduced runoff. These measures were deemed sufficient to resume construction activities. Amongst the mitigation measures



that were put in place, wood-chip socks and silt fence were deployed on June 26<sup>th</sup> to control sediment transportation, as well as a small trench to divert water towards these control measures.

Besides, internal samples were immediately collected on June 25<sup>th</sup>, and external sample were collected the morning of June 26<sup>th</sup>. Water quality monitoring was performed on a weekly basis thereafter to ensure sustained normal water quality, and stopped as no lasting water quality impacts on the shoreline could be identified. As part of the Core Receiving Environmental Monitoring Program, water chemistry and phytoplankton community sampling will occur in Baker Lake over the course of the summer. Following resumption of construction activities, environmental inspections of the area were increased until July 16<sup>th</sup>.



Implemented Mitigation Measures – June 26, 2021



Baker Lake Shore – July 2, 2021

## Corrective Measures

Following this event, awareness to put in place better TSS control measures has been reinforced. This increased awareness will now be integrated under Meadowbank's Management of Change (MOC) process for all new construction. This will help ensure new projects and additions performed at the Meadowbank Complex implement preventive actions to control water runoff and sediment transportation.

Lessons learned from this event will be shared with Agnico's other Nunavut division (Meliadine & Hope Bay).





## Closure

We trust that the above details described appropriately the event that occurred at the Baker Lake Marshalling Area on June 25<sup>th</sup>, 2021 and the remediation activities. Please contact the undersigned should you have any questions.

**Tom Thomson** | Environment Coordinator

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Canada

## 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 <b>08-18-2021</b>		REPORT TIME <b>19:40</b>		<input checked="" type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER _____
	B	OCCURRENCE DATE: MONTH – DAY – YEAR <b>08-18-2021</b>		OCCURRENCE TIME <b>16:15</b>		
C		LAND USE PERMIT NUMBER (IF APPLICABLE) <b>KIOL-BL-14</b>			WATER LICENCE NUMBER (IF APPLICABLE) <b>NWB-2AM-MEA-1530</b>	
	D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION <b>MEADOWBANK MINE SITE</b>			REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E		LATITUDE DEGREES <b>65</b> MINUTES <b>01</b> SECONDS <b>19</b>			LONGITUDE DEGREES <b>96</b> MINUTES <b>03</b> SECONDS <b>13</b>	
	F	RESPONSIBLE PARTY OR VESSEL NAME <b>Agnico Eagle Mines Ltd</b>		RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION <b>Baker Lake X0C 0A0</b>		
G		ANY CONTRACTOR INVOLVED		CONTRACTOR ADDRESS OR OFFICE LOCATION		
	H	PRODUCT SPILLED <b>Cupric Sulphate</b>		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES <b>10 kg</b>	U.N. NUMBER <b>3077</b>	
I		SECOND PRODUCT SPILLED (IF APPLICABLE)		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES	U.N. NUMBER	
	J	SPILL SOURCE <b>Quatrex Bag</b>		SPILL CAUSE <b>Damaged/Punctured Quatrex</b>		AREA OF CONTAMINATION IN SQUARE METRES <b>15</b>
K		FACTORS AFFECTING SPILL OR RECOVERY		DESCRIBE ANY ASSISTANCE REQUIRED		HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT
	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS  <b>During operations at Meadowbank, the hyster operator removed a sea can from the flatbed and noticed that copper sulphate was leaking from underneath it. He then placed it on the ground. The copper sulphate in the sea can and on the ground that could be picked up, were placed in some quatrex bags and then brought to the HAZMAT laydown.</b>  <b>There were no off site impacts or discharge to any receiving watercourses. Distance to the closest water body is 450m to Third Portage Lake.</b>  <b>Spill Location : Northing : 65 01' 00.8" Easting : 96 03' 47.7".</b> <b>Contact Information: Eric Haley, 819-759-3555 EXT.:460-6744</b>					
L	REPORTED TO SPILL LINE BY <b>Eric Haley</b>	POSITION <b>Env. Gen. Supervisor</b>	EMPLOYER <b>Agnico Eagle Mines</b>	LOCATION CALLING FROM <b>Meadowbank</b>	TELEPHONE <b>819-759-3555</b>	
	M	ANY ALTERNATE CONTACT <b>Alex Lavallee</b>	POSITION <b>Env. Super</b>	EMPLOYER <b>Agnico Eagle Mines</b>	ALTERNATE CONTACT <b>Meadowbank</b>	ALTERNATE TELEPHONE <b>819-860-0804</b>
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 <input type="checkbox"/> EC <input type="checkbox"/> CCG <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> ILA <input type="checkbox"/> INAC <input type="checkbox"/> NEB <input type="checkbox"/> TC			SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN		FILE STATUS <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED
AGENCY		CONTACT NAME	CONTACT TIME	REMARKS		
LEAD AGENCY						
FIRST SUPPORT AGENCY						
SECOND SUPPORT AGENCY						
THIRD SUPPORT AGENCY						





## 2021-08-18 MBK 10kg Cupric Sulphate

GN reference #: 2021-354

Please find the following information as a follow up to the Spill report submitted August 18, 2021 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-MEA1530, Part H, Item 8c.

### Spill Description

During operations at Meadowbank Complex, a seacan containing bags of cupric sulphate was being removed from a flatbed. Upon lifting the seacan the Hyster operator noticed the cupric sulphate leaking out from the seacan. The seacan was placed on the ground, the faulty container was discovered, and the spill stopped.



Spill location: Northing : 65 01' 00.8" Easting : 96 03' 47.7" on IOL.

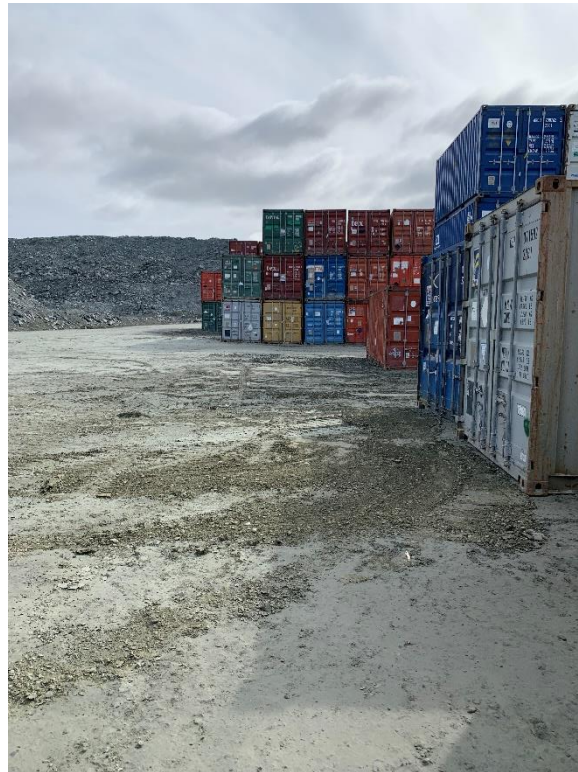
There were no off site impacts or discharge to any receiving watercourses. Distance to the closest water body is 450m meters to Third Portage Lake.

## Cause of Spill

Faulty container of Cupric Sulphate coupled with damaged sea can.

## Remediation Actions

The spilt cupric sulphate inside the container and on the ground was picked up and placed in quatrex bags and brought to the Hazmat laydown at Meadowbank.



## Corrective measures

A reminder to our logistics department regarding the importance of performing proper inspections of sea cans before moving them, along with the importance of moving sea cans with dangerous goods safely.

## Closure





We trust that the above details described appropriately the spill incident that occurred at the Meadowbank site on August 18, 2021 and the cleanup activities. Please contact the undersigned should you have any questions.



Tom Thomson | Environment Coordinator

[tom.thomson@agnicoeagle.com](mailto:tom.thomson@agnicoeagle.com) | Direct 819.759.3555 x4606744 |

Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0

[agnicoeagle.com](http://agnicoeagle.com)    





Canada

## 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 <b>09-08-2021</b>		REPORT TIME <b>20:15</b>		<input checked="" type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER _____
	B	OCCURRENCE DATE: MONTH – DAY – YEAR <b>09-08-2021</b>		OCCURRENCE TIME <b>15:27</b>		
C		LAND USE PERMIT NUMBER (IF APPLICABLE) <b>KIOL-BL-14</b>			WATER LICENCE NUMBER (IF APPLICABLE) <b>NWB-2AM-MEA-1530</b>	
	D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION <b>MEADOWBANK MINE COMPLEX</b>			REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E		LATITUDE DEGREES <b>65</b> MINUTES <b>01</b> SECONDS <b>19</b>			LONGITUDE DEGREES <b>96</b> MINUTES <b>03</b> SECONDS <b>13</b>	
	F	RESPONSIBLE PARTY OR VESSEL NAME <b>AGNICO EAGLE MINES LTD</b>		RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION <b>Baker Lake X0C 0A0</b>		
G		ANY CONTRACTOR INVOLVED <b>ARCTIC FUEL SERVICES</b>		CONTRACTOR ADDRESS OR OFFICE LOCATION <b>PO BOX 350, X0C 0A0 BAKER LAKE</b>		
	H	PRODUCT SPILLED <b>COOLANT</b>		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES <b>TBD, LESS THAN 18M3</b>		U.N. NUMBER
I		SECOND PRODUCT SPILLED (IF APPLICABLE) <b>TRANSMISSION OIL</b>		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES <b>TBD, LESS THAN 0.1M3</b>		U.N. NUMBER
	J	SPILL SOURCE <b>DAMAGED EQUIPMENT</b>		SPILL CAUSE <b>EQUIPMENT TIPPED OVER</b>		AREA OF CONTAMINATION IN SQUARE METRES <b>100m2</b>
K		FACTORS AFFECTING SPILL OR RECOVERY		DESCRIBE ANY ASSISTANCE REQUIRED		HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT
	L	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS <b>During operations at the Meadowbank Mine Complex, a tractor-trailer transporting 1 container with coolant, and 1 with transmission oil, tipped over on the AWAR near km104. The containers were damaged, causing a leak. Small amounts of diesel fuel leaked out of the tractor reservoir. ERT responded to the event to contain the spill. Absorbent pads, combined with a localized low point and trenches were utilize to contain the spill. Vacuum truck was used to pick up contaminated liquid and disposed in the tailings facilities and 1000L totes. Contaminated material will be excavated and brought back to the Meadowbank facility. There were no apparent impacts or discharge to any watercourses. Distance to the closest water body is 160m to unnamed lake near the Meadowbank Emulsion Plant. Water sample along the shoreline was taken.            Spill location: 65°2'56N; 96°6'5W            Contact Information: Eric Haley, 819-759-3555 EXT.:460-6744</b>				
M		REPORTED TO SPILL LINE BY <b>Eric Haley</b>	POSITION <b>Env. General Sup.</b>	EMPLOYER <b>AGNICO EAGLE</b>	LOCATION CALLING FROM <b>MEADOWBANK</b>	TELEPHONE <b>X4606744</b>
	N	ANY ALTERNATE CONTACT <b>Alex Lavallee</b>	POSITION <b>Env. Superintendent</b>	EMPLOYER <b>Agnico Eagle</b>	ALTERNATE CONTACT <b>Meadowbank</b>	ALTERNATE TELEPHONE <b>819-860-0804</b>
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 <input type="checkbox"/> EC <input type="checkbox"/> CCG <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> ILA <input type="checkbox"/> INAC <input type="checkbox"/> NEB <input type="checkbox"/> TC			SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN		FILE STATUS <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED
AGENCY		CONTACT NAME		CONTACT TIME		REMARKS
LEAD AGENCY						
FIRST SUPPORT AGENCY						
SECOND SUPPORT AGENCY						
THIRD SUPPORT AGENCY						



## 2021-09-08 MBK AWAR Coolant & Oil

GN reference #: 2021-387

Please find the following information as a follow up to the spill report, submitted September 8, 2021 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-MEA1530, Part H, Item 8c.

### Spill Description

During operations at the Meadowbank Mine Complex, a tractor-trailer, operated by Arctic Fuel Services, transporting one shipping container with coolant, and one with transmission oil, tipped over near KM 103 of the AWAR. Upon the impact with the ground, the containers and part of the cargo were damaged, causing a leak of 9,000L of coolant, 2,600L of oil and 50L of diesel fuel.



*Figure 1. General View of the Incident Location (2021-09-09)*

Spill location: 65 02'56" 96 06'05" on IOL.

There was no discharge to any receiving watercourse. Distance to the closest water body is 160 meters to the unnamed lake near the Meadowbank Emulsion Plant. It is important to note the presence of the access road to the Emulsion Plant, which significantly reduces the chances of surfaces runoff towards the lake.

## Cause of Spill

The spill was caused due to the loss of control of the tractor-trailer, which was caused by excessive speeds.

## Remediation and Monitoring Actions

- Code 1 was immediately called to mobilize the emergency response team, and the emergency response plan was initiated.
- A containment plan was put in action to minimize the impact on the environment, and consisted of the deployment of spill response materials, recovery of liquid contaminant by vacuum truck, and manual excavation of trenches by the first responder. A total of 23,000L of contaminated liquid was retrieved, of which 3,000L were brought back to the South Cell Tailings Pond and 20,000L stored in totes.
- Sumps and trenches were mechanically excavated to encourage containment, as well as easing the pumping of contaminated oil and coolant.
- The tractor-trailer and the contaminant source were retrieved and relocated.
- Contamination area was visually delimited and reviewed with a KivIA regulatory representative. This individual was also present for the coolant volume estimation.
- 425m<sup>3</sup> of contaminated soil was excavated on September 11<sup>th</sup>-12<sup>th</sup>, and temporarily stored on the Portage RSF, as described in the Landfarm Design and Management Plan. A PID was used to help determine excavation delimitation.
- Due to upcoming rainfall warnings, till backfill was performed on September 12<sup>th</sup>, with the satisfaction of the KivIA regulatory representative. This was discussed with a CIRNAC inspector on September 9<sup>th</sup> and 10<sup>th</sup>.
- Following soil sample results, additional excavation was deemed necessary in a smaller location between soil sample results #2 and #5.

Monitoring measures at the KM 103 spill area were initiated immediately on September 8<sup>th</sup> and included daily water quality sampling from September 8<sup>th</sup> – 16<sup>th</sup> and weekly until freeze-up, visual inspections and soil sampling within the excavated area. Certain initial soil sampling results were not satisfactory, therefore, additional excavation of the soil was initiated on September 26<sup>th</sup> for the areas identified. Samples were taken following the re-excavation and were again above CCME guidelines for industrial soil. Consequently, further excavation was re-initiated to reach. Soil samples will be collected once excavation is completed, and further remediation may be necessary based on results. Water analysis results demonstrate the spill was well contained in the immediate area and did not reach the lake. Sample analysis results are presented in tables 1 through 4.

## Corrective measures

1. Redesign of certain slopes/curves along the AWAR to be completed in 2022.
2. Temporary re-sloping of the EMR hill completed in September 2021.
3. Temporary signage installed at EMR blind hill indicating to slow down and warning of the sharp curve ahead until the redesign of the EMR road section is completed.
4. Review and reinforced road safety policies, procedure, and practice with all AWAR drivers.

## Closure

We trust that the above details described appropriately the spill incident that occurred at the Meadowbank Complex on September 8<sup>th</sup>, 2021 and the remediation & monitoring activities. Please contact the undersigned should you have any questions.



**Eric Haley** | Environment General Supervisor

[eric.haley@agnicoeagle.com](mailto:eric.haley@agnicoeagle.com) | Direct 819.759.3555 x4606744 | Mobile 819.651.1010

Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0



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Figure 2. EMR Area, Water Sample Location

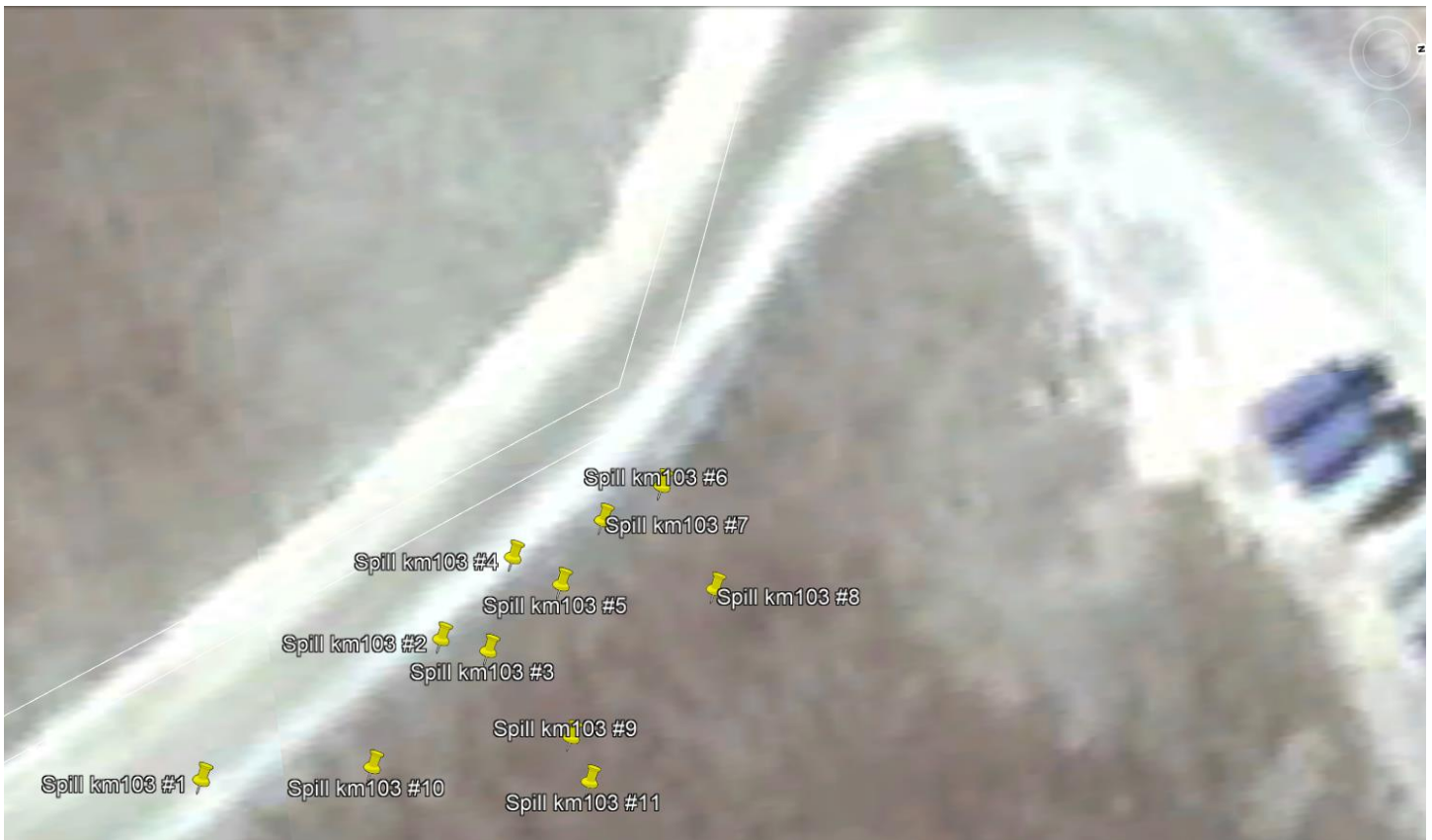


Figure 3. EMR Area, Soil Sample Location





Figure 4. Handling of the Contaminant Source (2021-09-09)



Figure 5. Sump, Trench & Berm Containing Contaminated Runoff (2021-09-09)





Figure 6. Excavation of Contaminated Soil (2021-09-10)



Figure 7. Use of PID and soil sampling following excavation (2021-09-11)





*Figure 8. Incident Location Backfilled with Till Material (2021-09-12)*



*Figure 9. Additional Excavation - Spill KM103#2 & 5(2021-09-26)*



Sample date		2021-09-09	2021-09-09	2021-09-09	2021-09-10	2021-09-10	2021-09-10	2021-09-11	2021-09-13	2021-09-14	2021-09-15	2021-09-16
Sample name		ST-KM103.1	ST-KM103.2	ST-KM103.3	ST-KM103.1	ST-KM103.2	ST-KM103.3	ST-KM103.2	ST-Km103.3	ST-KM103.3	ST-KM103.3	ST-KM103.3
Parameter	Unit											
<b>WQ02- Conventional Parameters</b>												
TSS	mg/L	570	130	3	640	100	22	98	12	8	12	4
<b>WQ04- Nutrients and Chlorophyll a</b>												
Total Ammonia (NH3), calc	mg/L	0.98	0.78	0.38	-	-	-	-	-	-	-	-
Total ammonia-N	mg/L	0.81	0.64	0.31	0.53	< 0.050	0.34	1.0	0.35	0.21	0.19	0.19
<b>WQ05- General Organics</b>												
Total oil and grease	mg/L	110	< 0.50	< 0.50	17	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.60
Total Glycols	mg/L	-	-	-	14300	199	417	74	1300	2170	891	1170
Ethylene Glycol	mg/L	-	-	-	14300	199	417	74	1300	2170	891	1170
Diethylene Glycol	mg/L	-	-	-	< 300	< 5	< 5	< 5	< 30	< 30	< 10	< 30
Propylene Glycol	mg/L	-	-	-	< 300	< 5	< 5	< 5	< 30	< 30	< 10	< 30
<b>WQ06- Total Metals</b>												
Arsenic	mg/L	0.0407	0.0193	0.00395	0.0263	0.00888	0.00315	0.00679	0.00655	0.00163	0.00192	0.00203
Copper	mg/L	0.062	0.0332	0.00385	0.0423	0.0150	0.00408	0.0122	0.00199	0.00190	0.00209	0.00220
Lead	mg/L	0.0179	0.00836	< 0.00020	0.0133	0.00315	0.00081	0.00273	0.00026	0.00025	< 0.00020	< 0.00020
Nickel	mg/L	0.093	0.0494	0.0096	0.0671	0.0223	0.0087	0.0222	0.0088	0.0058	0.0072	0.0074
Zinc	mg/L	< 0.10	0.0410	< 0.0050	0.062	0.0175	0.0052	0.0141	< 0.0050	< 0.0050	< 0.0050	< 0.0050
<b>WQ10- Volatile Organics</b>												
Benzene	mg/L	0.00027	< 0.00020	< 0.00020	0.00022	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Ethylbenzene	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Toluene	mg/L	0.00057	< 0.00020	< 0.00020	0.00057	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Xylenes	mg/L	< 0.00040	< 0.00040	< 0.00040	0.00082	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040
m,p-Xylenes	mg/L	< 0.00040	< 0.00040	< 0.00040	0.00082	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040
o-Xylene	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020

Table 1. Water samples results in the spill location



Sample date		2021-09-09	2021-09-08	2021-09-09	2021-09-10	2021-09-11	2021-09-12	2021-09-13	2021-09-14	2021-09-15	2021-09-16
Sample name		ST-KM103.4	ST-KM103.5	ST-KM103.5	ST-KM103.5	ST-KM103.5	ST-KM103.5	ST-Km103.5	ST-KM103.5	ST-KM103.5	ST-KM103.5
Parameter	Unit										
WQ02- Conventional Parameters											
TSS	mg/L	8	< 1	< 1	< 1	< 1	< 1	< 1	1	1	< 1
WQ04- Nutrients and Chlorophyll a											
Total Ammonia (NH3), calc	mg/L	< 0.061	0.30	0.14	-	-	-	-	-	-	-
Total ammonia-N	mg/L	< 0.050	0.25	0.12	0.17	0.078	0.074	0.28	0.22	0.29	0.20
WQ05- General Organics											
Total oil and grease	mg/L	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	1.6	< 0.50	0.60
Total Glycols	mg/L		-	-	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Ethylene Glycol	mg/L		-	-	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Diethylene Glycol	mg/L		-	-	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Propylene Glycol	mg/L		-	-	< 5	< 5	< 5	< 5	< 5	< 5	< 5
WQ06- Total Metals											
Arsenic	mg/L	0.00072	0.00041	0.00045	0.00041	0.00045	0.00045	0.00039	0.00044	0.00040	0.00038
Copper	mg/L	0.00223	0.00124	0.00156	0.00137	0.00125	0.00147	0.00125	0.00156	0.00134	0.00127
Lead	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Nickel	mg/L	0.0045	0.0030	0.0045	0.0031	0.0031	0.0035	0.0030	0.0031	0.0034	0.0031
Zinc	mg/L	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
WQ10- Volatile Organics											
Benzene	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Ethylbenzene	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Toluene	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Xylenes	mg/L	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040
m,p-Xylenes	mg/L	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040
o-Xylene	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020

Table 2. Water samples results downstream of spill location

Sample date		2021-09-11	2021-09-11	2021-09-11	2021-09-11	2021-09-11	2021-09-11	2021-09-11	2021-09-11	2021-09-11	2021-09-11	2021-09-11
Sample name		Spill km103 #1	Spill km103 #2	Spill km103 #3	Spill km103 #4	Spill km103 #5	Spill km103 #6	Spill km103 #7	Spill km103 #8	Spill km103 #9	Spill km103 #10	Spill km103 #11
Parameter	Unit											
F2-F4 Hydrocarbons												
Total oil and grease	ug/g	< 100	< 100	410	< 100	310	370	470	< 100	470	570	560
F2 (C10-C16)	ug/g	19	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
F3 (C16-C34)	ug/g	73	82	90	< 50	< 50	52	79	< 50	< 50	< 50	< 50
F4 (C34-C50)	ug/g	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Glycol												
Total Glycols	mg/kg	< 10	1400	< 10	520	7500	860	30	36	470	630	250
Ethylene Glycol	mg/kg	< 10	1400	< 10	520	7500	860	30	36	470	630	250
Diethylene Glycol	mg/kg	< 10	< 20	< 10	< 10	< 100	< 10	< 10	< 10	< 10	< 10	< 10
Propylene Glycol	mg/kg	< 10	< 20	< 10	< 10	< 100	< 10	< 10	< 10	< 10	< 10	< 10
BTEX & F1 Hydrocarbons												
Benzene	ug/g	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.040	< 0.040	< 0.040
Ethylbenzene	ug/g	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.040	< 0.040	< 0.040
Toluene	ug/g	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.040	< 0.040	< 0.040
Xylenes	ug/g	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.080	< 0.080	< 0.080
m,p-Xylenes	ug/g	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.080	< 0.080	< 0.080
o-Xylene	ug/g	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.040	< 0.040	< 0.040

Table 3. Soil sample results following contaminated soil excavation

Sample date		2021-09-27	2021-09-27	2021-09-27	2021-09-27
Sample name		Spill KM103 #2a	Spill KM103 #2b	Spill KM103 #5a	Spill KM103 #5b
Parameter	Unit				
<b>F2-F4 Hydrocarbons</b>					
Total oil and grease	ug/g	< 100	< 100	< 100	< 100
<b>Glycol</b>					
Total Glycols	mg/kg	6800	1600	350	490
Ethylene Glycol	mg/kg	6800	1600	350	490
Diethylene Glycol	mg/kg	< 100	< 20	< 10	< 10
Propylene Glycol	mg/kg	< 100	< 20	< 10	< 10
<b>BTEX &amp; F1 Hydrocarbons</b>					
Benzene	ug/g	< 0.0060	< 0.0060	< 0.0060	< 0.0060
Ethylbenzene	ug/g	< 0.010	< 0.010	< 0.010	< 0.010
Toluene	ug/g	< 0.020	< 0.020	< 0.020	< 0.020
Xylenes	ug/g	< 0.020	< 0.020	< 0.020	< 0.020
m,p-Xylenes	ug/g	< 0.020	< 0.020	< 0.020	< 0.020
o-Xylene	ug/g	< 0.020	< 0.020	< 0.020	< 0.020

Table 4. Soil Sample results following additional excavation



Canada

## 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 <b>09-10-2021</b>		REPORT TIME <b>23:00</b>		<input checked="" type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER _____
	B	OCCURRENCE DATE: MONTH – DAY – YEAR <b>09-10-2021</b>		OCCURRENCE TIME <b>10:15</b>		
C		LAND USE PERMIT NUMBER (IF APPLICABLE) <b>KIOL-BL-14</b>			WATER LICENCE NUMBER (IF APPLICABLE) <b>NWB-2AM-MEA1530</b>	
	D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION <b>MEADOWBANK MINE SITE</b>			REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E		LATITUDE DEGREES <b>65</b> MINUTES <b>01</b> SECONDS <b>19</b>			LONGITUDE DEGREES <b>96</b> MINUTES <b>03</b> SECONDS <b>13</b>	
	F	RESPONSIBLE PARTY OR VESSEL NAME <b>AGNICO EAGLE MINES LTD</b>		RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION <b>BAKER LAKE X0C 0A0</b>		
G		ANY CONTRACTOR INVOLVED		CONTRACTOR ADDRESS OR OFFICE LOCATION		
	H	PRODUCT SPILLED <b>Runoff water</b>		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES <b>TBD</b>		U.N. NUMBER
I		SECOND PRODUCT SPILLED (IF APPLICABLE) <b>Potential diesel contamination</b>		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES <b>TBD</b>		U.N. NUMBER
	J	SPILL SOURCE <b>Secondary containment Tank 5/6</b>		SPILL CAUSE <b>TBD</b>		AREA OF CONTAMINATION IN SQUARE METRES <b>TBD</b>
K		FACTORS AFFECTING SPILL OR RECOVERY		DESCRIBE ANY ASSISTANCE REQUIRED		HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT
	L	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS				
M		<p><b>During the transfer of potentially contaminated water with diesel from the secondary containment of tanks 5 and 6 towards secondary containment tanks 3 and 4, it is possible that a certain portion of the flow may have migrated towards the tundra. Further verifications will be done to assess the possible occurrence and volume (an update will be provided in the next few days). Upon initial field observations, no evidence of presence of contamination has been observed along the shoreline.</b></p> <p><b>Water quality samples have been collected along the shoreline of Baker Lake and will be sent for analysis in the coming days. The closest waterbody is Baker Lake, located 400m away downstream.</b></p> <p><b>Spill location: 64 18'24" N ; 95 56'40" W</b></p> <p><b>Contact Information: Eric Haley 819-759-3555 EXT.:460-6744</b></p>				
	N	REPORTED TO SPILL LINE BY <b>Eric Haley</b>	POSITION <b>Env. Gen. Supervisor</b>	EMPLOYER <b>Agnico Eagle Mines</b>	LOCATION CALLING FROM <b>Meadowbank</b>	TELEPHONE <b>819-759-3555</b>
ANY ALTERNATE CONTACT <b>Alex Lavallee</b>		POSITION <b>Env. Superintendent</b>	EMPLOYER <b>Agnico Eagle Mines</b>	ALTERNATE CONTACT <b>Meadowbank</b>	ALTERNATE TELEPHONE <b>819-860-0804</b>	
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 <input type="checkbox"/> EC <input type="checkbox"/> CCG <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> ILA <input type="checkbox"/> INAC <input type="checkbox"/> NEB <input type="checkbox"/> TC			SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN		FILE STATUS <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED
AGENCY		CONTACT NAME	CONTACT TIME	REMARKS		
LEAD AGENCY						
FIRST SUPPORT AGENCY						
SECOND SUPPORT AGENCY						
THIRD SUPPORT AGENCY						



## 2021-09-10 Environmental Discharge

GN reference #: 2021-392

Please find the following information as a follow up to the Spill report submitted September 10, 2021 by Agnico Eagle Meadowbank division. This detailed report is submitted to the inspector in compliance with the conditions under the Nunavut Water Board License 2AM-MEA1530, Part H, Item 8c, and subsection 38(7) of the fisheries act.

### Spill Description

#### *Background information*

- Every year, water from snow melt and rainfall accumulates in secondary containments of Agnico's Baker Lake Tank Farm.
- As per Nunavut Water Board license NWB-2AM-MEA1530 part F Item 9, 10 & 13, these water accumulations are either pumped to land (tundra) or brought to the Meadowbank (Storm Water Management Pond) depending on water quality. Discharge to land also requires 10 days notice & erosion protection measures at a distance of at least thirty-one (31) metres above the ordinary high-water mark of any water body.
- In 2021, water accumulation in the secondary containment of tanks 5 & 6 was planned to be brought to Meadowbank as it was presenting a minor visible sheen (likely remaining from 2020 tank 5 leak).
- On September 10<sup>th</sup>, 2021 employees arrived at Baker Lake to prepare loading the water from secondary containment of tanks 5 & 6 with the objective of transporting the water to Meadowbank. The employees noticed that the containment was almost dry (which was not the case few days before).
- The Environment department was notified, and an investigation was immediately initiated.

#### *Investigation highlights*

On September 8<sup>th</sup> and 9<sup>th</sup>, a contractor working for Agnico transferred contact water from secondary containment of tanks 5 & 6 (ST-40.1) towards secondary containment of tanks 3 & 4 (ST-40.2) to perform electrical & piping connections for the new tank 8 construction (approved by NWB on Jan 28, 2019). Transfer of water between approved site infrastructures (secondary containment) is part of normal operations and would not have resulted in a spill if performed adequately.

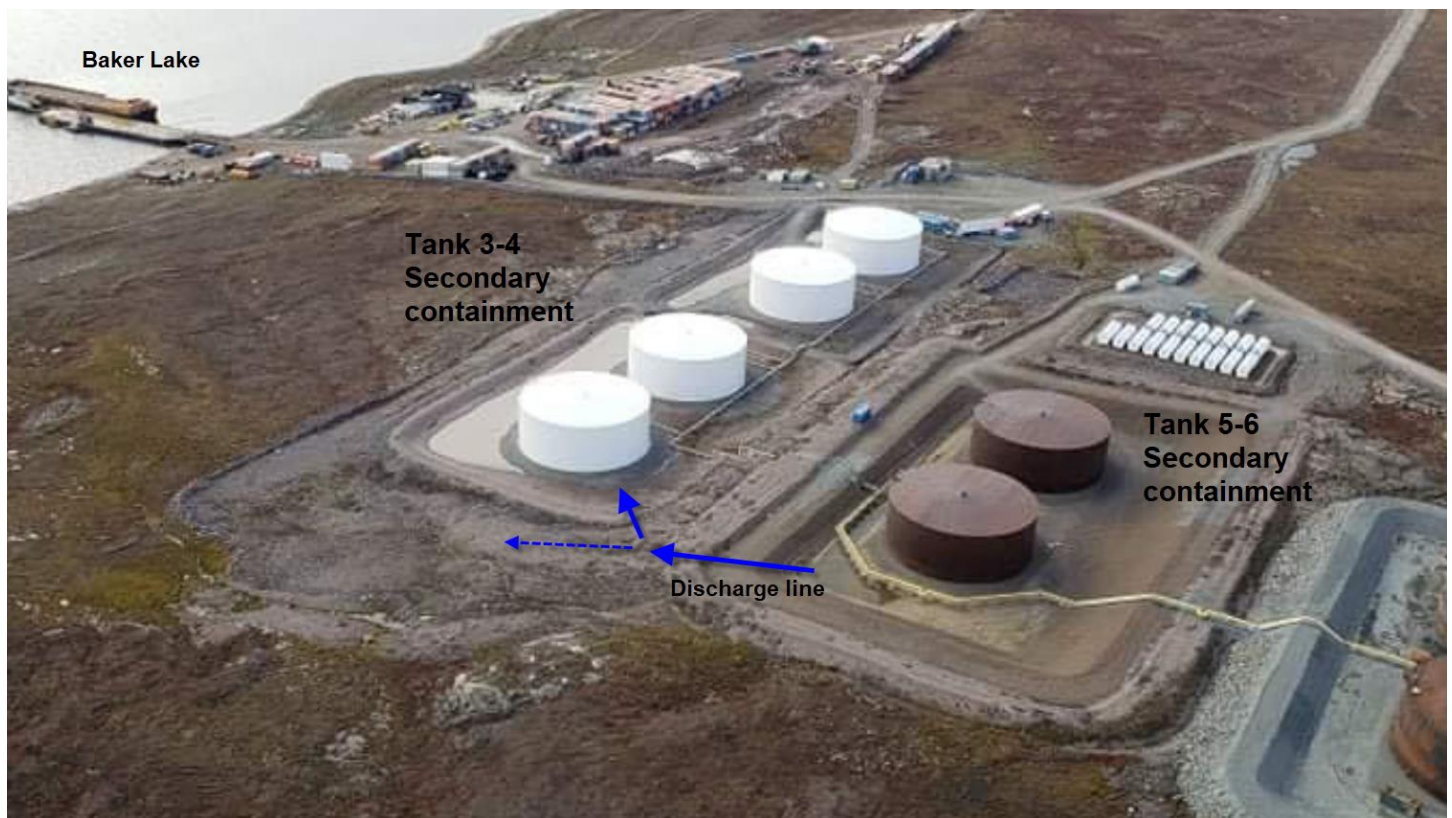
Further investigation performed on September 10<sup>th</sup> presented evidence that a portion of the flow transferred between the secondary reservoirs had migrated towards the tundra due to misplacement of the discharge pipe.

Out of the estimated 621m<sup>3</sup> of water pumped out from tanks 5 & 6 secondary containment, up to 280 m<sup>3</sup> of water could have reported to the tundra rather than tanks 3 & 4 secondary containment.

Volume estimates are based on photo interpretation of the containment reservoirs (dated August 15<sup>th</sup>), surveying information (performed September 11<sup>th</sup>) and accumulated precipitation (with no evapotranspiration) which occurred at the Baker Lake Airport between the period the photos were taken and the moment the situation was identified. Therefore, these estimates are conservative and represent upper bounds in terms of volumes.

Following the identification of this issue, water samples were taken on September 11<sup>th</sup>, 2021 of the remaining water in the secondary containment of tanks 5 & 6 and presented an average total oil and grease value of 1.55mg/L, which is under the discharge criteria (5 mg/L) set out in the Nunavut Water Board license NWB-2AM-MEA1530. Except for the minor visible sheen, no analyzed parameter in the secondary containment of tanks 5 & 6 was above discharge criteria. Based on intake location – in the bottom portion of the reservoir – the surface sheen is not expected to have been pumped. Additional water and soil samples were taken to evaluate environmental impact.

Initial communication of the spill was done through the Spill Hotline.



*Figure 1. Aerial view of the spill location (2021-09-11)*



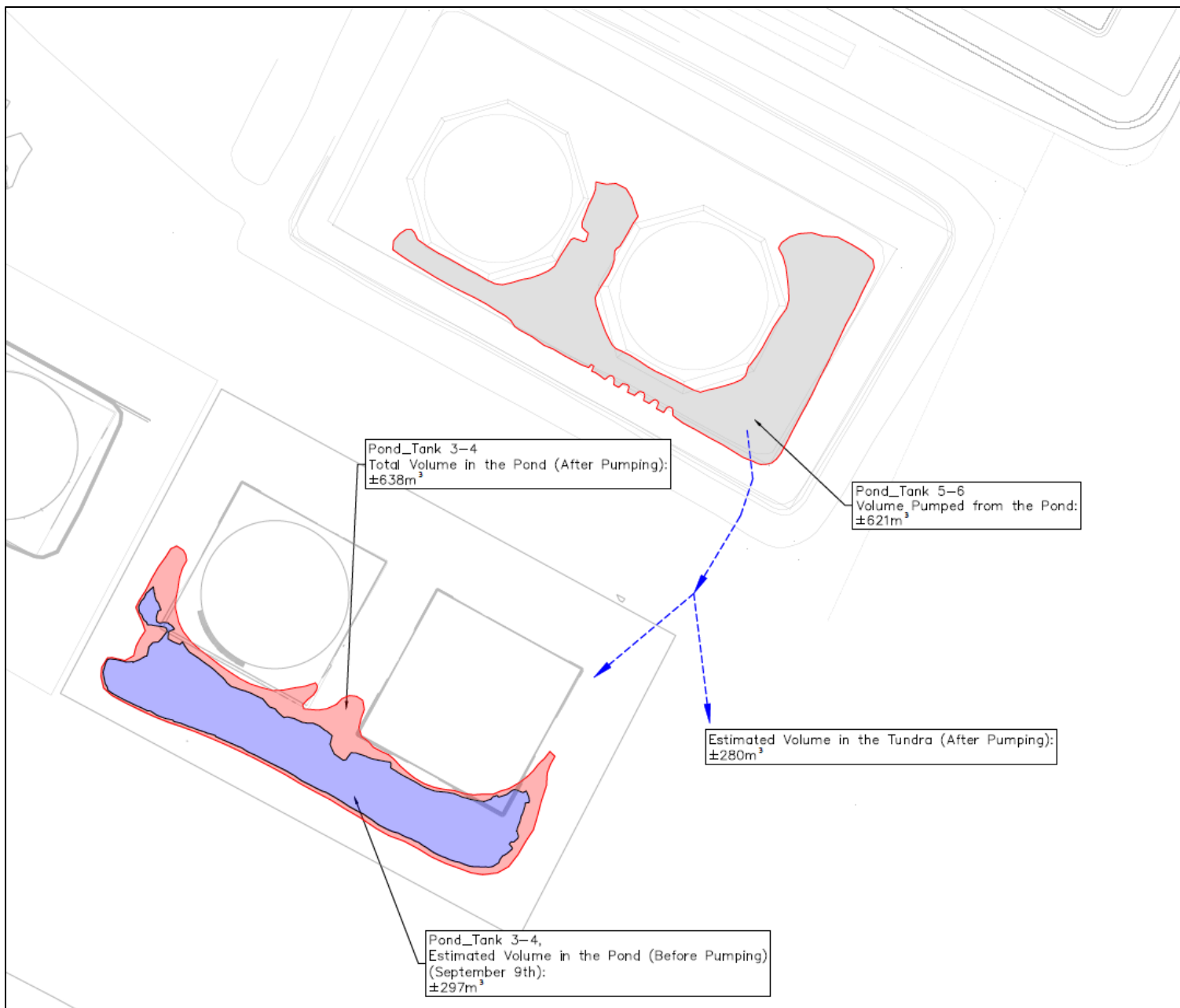


Figure 2. CAD representation of event

Spill location: 64°18'24" 95°56'40" on IOL.

Distance to the closest water body is about 400 meters to Baker Lake. While no sign of erosion, flow path or other evidence along the shoreline presented evidence of significant inflow into the water body, the possibility remains. The Baker Lake was sampled and analyzed for acute lethality to *Daphnia Magna* and *Rainbow Trout*, as well as petroleum hydrocarbons and metals.

## Cause of the spill

The spill was caused due to the misplacement of the discharge pipe of water transfer between ST-40.1 and ST-40.2. The employee intended to place the discharge pipe in an area for the water to report directly into the secondary containment of tanks 3 & 4, but the actual water flow did not fully report there.

## Remediation and Monitoring Actions

Hydrocarbon spill booms and woodchip turbidity booms were deployed in 2 visible streams to minimize potential impact on the Environment. Monitoring actions at the Baker Lake tank farm began on September 10th and included, petroleum test strip testing, soil sampling downstream of the discharge point, and sampling of water stations ST-40.1 and ST-40.2. Further monitoring actions along the Baker Lake shoreline included an acute lethality of effluent to *Daphnia Magna* and Rainbow Trout analysis, and daily water quality sampling from September 10th – 15th, excluding the 13th, and weekly until freeze-up thereafter. An internal investigation was initiated.

As per the water quality results presented in Table 1 & 2 below, there have been no observed impacts on water quality. Preliminary acute lethality analysis of water quality in Baker Lake have demonstrated no toxicity to daphnia and to rainbow trout. All soils sediments are below the industrial CCME guidelines for every parameter analysed, see Table 3 below.

Water remaining in secondary containment of Tank 3 & 4 will be dealt according to site protocol.

## Corrective measures

Two key corrective actions were identified following the internal investigation:

- Develop and implement a fuel, liquids or hazardous material policy and associated verification procedure requiring supervisor authorization prior to engaging in water activities during construction.
- Develop and implement Environmental awareness content to be added to the general on-boarding process, including content pertaining to the transfer of water/hazardous material.

## Closure

We trust that the above details described appropriately the spill incident that was observed at the Meadowbank Complex on September 10, 2021 and the remediation and monitoring activities. Please contact the undersigned should you have any questions.



**Eric Haley** | Environment General Supervisor

[eric.haley@agnicoeagle.com](mailto:eric.haley@agnicoeagle.com) | Direct 819.759.3555 x4606744 | Mobile 819.651.1010

Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0

[agnicoeagle.com](http://agnicoeagle.com)





Figure 3. Baker Lake Tankfarm, Baker Lake Shoreline and Sediment sampling locations (Satellite picture 2019)





*Figure 4. Aerial of Baker Lake Tankfarm (2021-09-11)*



*Figure 5. Discharge Area in Secondary Containment of Tanks #3-4 (2021-09-11)*





*Figure 6. Baker Lake Shoreline (2021/09/11)*



*Figure 7. Woodchip and Hydrocarbon boom (2021/09/11)*





*Figure 8. Pump Intake in Secondary Containment of Tanks #5-6 (2021/09/10)*



*Figure 9. Water Elevation/Depth Survey in Secondary Containment of Tanks#3-4 (2021-09-11)*

Analysis results of the sampling are shown in tables 1 to 4 below and official certificates are attached.

RESULTS OF ANALYSES OF WATER				
Sampling Date		2021/09/11 14:30	2021/09/12 15:40	
				Maximum Average Concentration (MAC)
	UNITS	ST-40.1	ST-40.1	
Inorganics				
Total Ammonia-N	mg/L	0.58	1.1	6.0
Total Suspended Solids	mg/L	4	3	15
Field Mesurement				
pH	pH	7.89	7.98	6.5-9.0
Metals				
Total Arsenic (As)	mg/L	0.00074	0.00070	0.50000
Total Copper (Cu)	mg/L	0.00407	0.00407	0.30000
Total Lead (Pb)	mg/L	<0.00020	<0.00020	0.1
Total Nickel (Ni)	mg/L	<0.0010	<0.0010	0.5
Total Zinc (Zn)	mg/L	<0.0050	<0.0050	0.5
Petroleum Hydrocarbons				
Total Oil & Grease	mg/L	1.4	1.7	5 and no visible sheen
BTEX & F1 Hydrocarbons				
Benzene	ug/L	<0.20	<0.20	370
Toluene	ug/L	0.88	0.46	2.00
Ethylbenzene	ug/L	0.69	0.32	90.00
o-Xylene	ug/L	7.4	5.6	
p+m-Xylene	ug/L	3.7	1.6	
Total Xylenes	ug/L	11	7.2	

Table 1. ST-40.1 Sampling Results – MAC taken from NWB-2AM-MEA1530

RESULTS OF ANALYSES OF WATER						
Sampling Date		2021/09/10 13:20	2021/09/11 15:10	2021/09/12 14:30	2021/09/14 13:30	2021/09/15 07:00
	UNITS	BL SHORE	BL SHORE	BL SHORE	BL SHORE	BL SHORE
<b>Inorganics</b>						
Total Ammonia-N	mg/L	0.27	0.24	0.44	0.064	<0.050
Total Suspended Solids	mg/L	2	1	2	2	3
<b>Field Mesurement</b>						
pH	pH	8.24	7.72	7.44	7.58	7.4
<b>Metals</b>						
Total Arsenic (As)	mg/L	0.00017	0.00014	0.00012	0.00015	0.00016
Total Copper (Cu)	mg/L	0.00079	0.00069	<0.00050	<0.00050	0.00069
Total Lead (Pb)	mg/L	<0.00020	<0.00020	0.00021	<0.00020	<0.00020
Total Nickel (Ni)	mg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Zinc (Zn)	mg/L	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
<b>Petroleum Hydrocarbons</b>						
Total Oil & Grease	mg/L	<0.50	<0.50	<0.50	<0.50	<0.50
<b>BTEX &amp; F1 Hydrocarbons</b>						
Benzene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20
Toluene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20
Ethylbenzene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20
o-Xylene	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20
p+m-Xylene	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40
Total Xylenes	ug/L	<0.40	<0.40	<0.40	<0.40	<0.40
<b>Surrogate Recovery (%)</b>						
1,4-Difluorobenzene	%	99	100	100	97	101
4-Bromofluorobenzene	%	92	94	97	92	90
D10-o-Xylene	%	101	101	102	94	86
D4-1,2-Dichloroethane	%	105	106	104	103	98

Table 2. Sampling Results at Baker Lake Shoreline

PETROLEUM HYDROCARBONS (CCME)										
Sampling Date		9/11/2021	9/11/2021	9/11/2021	9/11/2021	9/11/2021	9/11/2021	9/11/2021	9/11/2021	9/11/2021
	UNITS	BLSOIL.1	BLSOIL.2	BLSOIL.3	BLSOIL.4	BLSOIL.5	BLSOIL.6	BLSOIL.7	BLSOIL.8	BLSOIL.9
<b>BTEX &amp; F1 Hydrocarbons</b>										
Benzene	ug/g	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Toluene	ug/g	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Ethylbenzene	ug/g	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
o-Xylene	ug/g	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
p+m-Xylene	ug/g	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
Total Xylenes	ug/g	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
<b>F2-F4 Hydrocarbons</b>										
Total Oil and Grease	ug/g	380	<100	<100	390	360	530	<100	360	<100
F2 (C10-C16 Hydrocarbons)	ug/g	<10	<10	<10	<10	<10	<10	<10	<10	<10
F3 (C16-C34 Hydrocarbons)	ug/g	<50	<50	<50	<50	<50	380	<50	<50	<50
F4 (C34-C50 Hydrocarbons)	ug/g	<50	<50	<50	<50	<50	100	<50	<50	<50

Table 3. Bake Lake Sediment Sampling

AquaTox Testing & Consulting Inc.  
8-11 Nicholas Beaver Road  
Puslinch, ON N0B 2J0  
Tel. (519) 763-4412  
Fax. (519) 763-4419

## PRELIMINARY

### ACUTE LETHALITY REPORT SUMMARY

Work Order : 246418

Tom Thomson  
Agnico Eagle Mines Limited- Meadowbank Division  
Meadowbank Division  
Baker Lake NU  
X0C 0A0

### RESULTS

Substance	Date Collected	Date Tested	Species / Test	LC50	Mortality in 100% Concentration (%)
BL Shore	2021-09-12	2021-09-16	RBT LC50	> 100%	0
	2021-09-12	2021-09-16	Dm LC50	> 100%	0

RBT = rainbow trout  
Dm = *Daphnia magna*  
\* = pH Stabilized  
SC = single concentration

### Test Protocols

Reference Method for Determining Acute Lethality of Effluents to *Daphnia magna*. Environment Canada  
EPS 1/RM/14 (Second Edition, December 2000, with February 2016 amendments)

Reference Method for Determining Acute Lethality of Liquid Effluents to Rainbow Trout. Environment  
Canada, EPS 1/RM/13 (2nd Edition, December 2000, with May 2007 and February 2016 amendments) .

***Although test results are generated under strict QA/QC protocols, the results provided herein, along with any unsigned test reports, faxes, or emails are considered preliminary.***

Accredited to ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA)

Table 4. Baker Lake Shoreline Toxicity results (preliminary)



Canada

## 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 <b>09-25-2021</b>		REPORT TIME <b>09:30</b>		<input checked="" type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER _____
	B	OCCURRENCE DATE: MONTH – DAY – YEAR <b>09-24-2021</b>		OCCURRENCE TIME <b>17:30</b>		
C		LAND USE PERMIT NUMBER (IF APPLICABLE) <b>KIOL-BL-14</b>			WATER LICENCE NUMBER (IF APPLICABLE) <b>NWB-2AM-MEA1530</b>	
	D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION <b>MEADOWBANK MINE SITE</b>			REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E		LATITUDE DEGREES <b>65</b> MINUTES <b>01</b> SECONDS <b>19</b>			LONGITUDE DEGREES <b>96</b> MINUTES <b>03</b> SECONDS <b>13</b>	
	F	RESPONSIBLE PARTY OR VESSEL NAME <b>AGNICO EAGLE MINES LTD</b>		RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION <b>BAKER LAKE X0C 0A0</b>		
G		ANY CONTRACTOR INVOLVED		CONTRACTOR ADDRESS OR OFFICE LOCATION		
	H	PRODUCT SPILLED <b>WASTE OIL</b>		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES <b>250L</b>	U.N. NUMBER	
I		SECOND PRODUCT SPILLED (IF APPLICABLE)		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES	U.N. NUMBER	
	J	SPILL SOURCE <b>1000L WASTE OIL TANK</b>		SPILL CAUSE <b>Human Error</b>		AREA OF CONTAMINATION IN SQUARE METRES <b>100M2</b>
K		FACTORS AFFECTING SPILL OR RECOVERY		DESCRIBE ANY ASSISTANCE REQUIRED		HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT
	L	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS <b>During furnace inspection at Meadowbank CAT dome, an employee noticed a spill of waste oil. The cap of the tote had not been unscrewed thus creating suction and perforation of the tote. Spill pads were used to control the spill. The contaminated material is being collected and will be brought to the landfarm at Meadowbank. The amount of contaminated material removed will be included in the follow-up report.</b>  <b>There were no off site impacts or discharge to any receiving watercourses. Distance to the closest water body is 300m to Third Portage Lake.</b>  <b>Spill Location : Northing: 65° 01'3.30"N Easting: 96° 04'8.06"W</b> <b>Contact information: Tom Thomson 819-759-3555 EXT.: 460-6744</b>				
M		REPORTED TO SPILL LINE BY <b>Tom Thomson</b>	POSITION <b>Env. Coordinator</b>	EMPLOYER <b>Agnico Eagle Mines</b>	LOCATION CALLING FROM <b>819-759-3555</b>	TELEPHONE <b>x4606744</b>
	N	ANY ALTERNATE CONTACT <b>Alex Lavallee</b>	POSITION <b>Env Superintendent</b>	EMPLOYER <b>Agnico Eagle Mines</b>	ALTERNATE CONTACT LOCATION	ALTERNATE TELEPHONE <b>819-860-0804</b>
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 <input type="checkbox"/> EC <input type="checkbox"/> CCG <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> ILA <input type="checkbox"/> INAC <input type="checkbox"/> NEB <input type="checkbox"/> TC			SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN		FILE STATUS <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED
AGENCY		CONTACT NAME	CONTACT TIME	REMARKS		
LEAD AGENCY						
FIRST SUPPORT AGENCY						
SECOND SUPPORT AGENCY						
THIRD SUPPORT AGENCY						





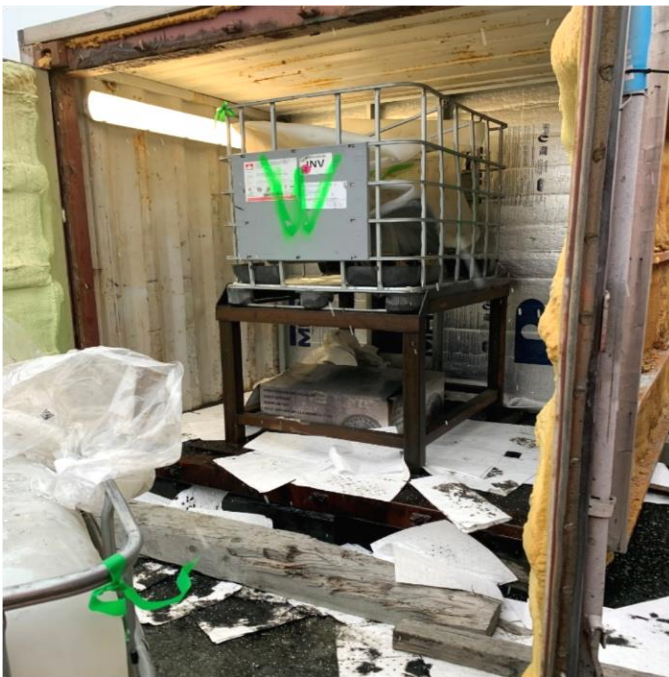
## 2021-09-24 MBK 250L Waste Oil

GN reference #: 2021-414

Please find the following information as a follow up to the Spill report submitted September 25, 2021 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-MEA1530, Part H, Item 8c.

### Spill Description

During a furnace inspection at the Meadowbank CAT dome, a spill from the waste oil tote feeding the furnace was observed.



Spill location: 65°01'3.3" 96°04'8.06" on IOL.

There were no off site impacts or discharge to any receiving watercourses. Distance to the closest water body is 300 meters to Third Portage Lake.

## Cause of Spill

When the waste oil tote at the Cat Dome was replaced earlier in the day, the cap on top of the top had not been removed thus creating a suction and perforation of the tote.

## Remediation Actions

Spill pads were placed on the ground and in the seacan. An excavator and hand shovels removed the contaminated material on the ground. All spill pads were collected and brought to the Oily rags seacan in the hazmat area. Approximately 2m3 of contaminated material was collected and brought to the Meadowbank landfarm.

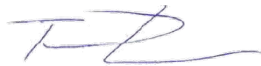


## Corrective measures

All waste oil totes that feed furnaces on site were checked to ensure the cap was removed. General reminder to all loader operators on day shift/night shift was completed.

## Closure

We trust that the above details described appropriately the spill incident that occurred at the Meadowbank site on September 24, 2021 and the cleanup activities. Please contact the undersigned should you have any questions.



Tom Thomson | Environmental Coordinator

tom.thomson@agnicoeagle.com | Direct 819.759.3555 x4606744 |

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[agnicoeagle.com](http://agnicoeagle.com)    



Canada

## 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 <b>10-09-2021</b>		REPORT TIME <b>18:30</b>		<input checked="" type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER _____
	B	OCCURRENCE DATE: MONTH – DAY – YEAR <b>10-09-2021</b>		OCCURRENCE TIME <b>12:45</b>		
C		LAND USE PERMIT NUMBER (IF APPLICABLE) <b>KIOL-BL-14</b>			WATER LICENCE NUMBER (IF APPLICABLE) <b>NWB-2AM-MEA1530</b>	
	D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION <b>Meadowbank Mine Site</b>			REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E		LATITUDE DEGREES <b>65</b> MINUTES <b>01</b> SECONDS <b>19</b>			LONGITUDE DEGREES <b>96</b> MINUTES <b>03</b> SECONDS <b>13</b>	
	F	RESPONSIBLE PARTY OR VESSEL NAME <b>Agnico Eagle Mines LTD</b>		RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION <b>Baker Lake, X0C 0A0</b>		
G		ANY CONTRACTOR INVOLVED		CONTRACTOR ADDRESS OR OFFICE LOCATION		
	H	PRODUCT SPILLED <b>Blackwater</b>		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES <b>TBD</b>		U.N. NUMBER
I		SECOND PRODUCT SPILLED (IF APPLICABLE)		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES		U.N. NUMBER
	J	SPILL SOURCE <b>Sewage Tank</b>		SPILL CAUSE <b>Broken Pipe</b>		AREA OF CONTAMINATION IN SQUARE METRES <b>10 m2</b>
K		FACTORS AFFECTING SPILL OR RECOVERY		DESCRIBE ANY ASSISTANCE REQUIRED		HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT
	L	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS <b>During October 9th environmental inspection of the Baker Lake Marshalling Area, a sewage leak was detected. The leak was found to originate from the spud barge sewage tank, due to a broken pipe. A small trench was dug on the pad to collect possible runoff. A plumber was called to fix the pipe. Surface material will be placed in the contaminated soil bin, to be disposed at the Meadowbank Landfarm.</b>  <b>There were no offsite impact or discharge to any receiving watercourses. The closest waterbody is Baker Lake, located 100m away.</b>  <b>Spill Location: 64 18'21"N; 95 57'11"W</b> <b>Contact Information: Eric Haley 819-759-3555 EXT.:460-6744</b>				
M		REPORTED TO SPILL LINE BY <b>Eric Haley</b>		POSITION <b>Env Gen Supervisor</b>	EMPLOYER <b>Agnico Eagle Mines</b>	LOCATION CALLING FROM <b>Meadowbank</b>
	N	ANY ALTERNATE CONTACT <b>Alex Lavallee</b>		POSITION <b>Env. Superintendent</b>	EMPLOYER <b>Agnico Eagle Mines</b>	ALTERNATE CONTACT <b>Meadowbank</b>
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 <input type="checkbox"/> EC <input type="checkbox"/> CCG <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> ILA <input type="checkbox"/> INAC <input type="checkbox"/> NEB <input type="checkbox"/> TC			SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN		FILE STATUS <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED
AGENCY		CONTACT NAME		CONTACT TIME	REMARKS	
LEAD AGENCY						
FIRST SUPPORT AGENCY						
SECOND SUPPORT AGENCY						
THIRD SUPPORT AGENCY						





## 2021-10-09 MBK 100L Sewage

GN reference #: 2021-437

Please find the following information as a follow up to the Spill report submitted October 9, 2021 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-MEA1530, Part H, Item 8c.

### Spill Description

During an inspection of the Baker Lake Marshalling area, a sewage leak was observed from the spud barge sewage tank.



Spill location: 64'18'21" 95'57'11" on IOL.

There were no off site impacts or discharge to any receiving watercourses. Distance to the closest water body is 100 meters to Baker Lake.

## Cause of Spill

Upon further investigation, a damage pipe caused the spill.

## Remediation Actions

A small trench was dug on the pad to collect possible run off and a plumber was called to fix the pipe. The sewage tank was removed and the area underneath and around the spill was collected with an excavator. Approximately 8m<sup>3</sup> of contaminated material was collected and brought to the Meadowbank landfarm.



## Corrective measures

General reminder to vacuum truck operator to ensure to complete a walk around inspection prior to emptying the portable sewage tanks. Environment will ensure weekly inspections are completed in this area during the sealift season.

## Closure

We trust that the above details described appropriately the spill incident that occurred at the Meadowbank site on October 9, 2021 and the cleanup activities. Please contact the undersigned should you have any questions.



Tom Thomson | Environmental Coordinator

tom.thomson@agnicoeagle.com | Direct 819.759.3555 x4606744 |

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Canada

## 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 <b>10-13-2021</b>		REPORT TIME <b>8:30</b>		<input checked="" type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER _____
	B	OCCURRENCE DATE: MONTH – DAY – YEAR <b>10-04-2021</b>		OCCURRENCE TIME <b>unknown</b>		
C		LAND USE PERMIT NUMBER (IF APPLICABLE) <b>KIOL-BL-14</b>		WATER LICENCE NUMBER (IF APPLICABLE) <b>NWB-2AM-MEA1530</b>		
	D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION <b>Meadowbank Mine Site</b>			REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E		LATITUDE DEGREES <b>65</b> MINUTES <b>01</b> SECONDS <b>19</b>			LONGITUDE DEGREES <b>96</b> MINUTES <b>03</b> SECONDS <b>13</b>	
	F	RESPONSIBLE PARTY OR VESSEL NAME <b>Agnico Eagle Mines LTD</b>		RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION <b>Baker Lake, X0C 0A0</b>		
G		ANY CONTRACTOR INVOLVED <b>Desgagnes Transarctik</b>		CONTRACTOR ADDRESS OR OFFICE LOCATION <b>6565 Hébert Blvd., J5C 1B5</b>		
	H	PRODUCT SPILLED <b>Petroleum Product</b>		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES <b>Unknown - estimated 1L</b>		U.N. NUMBER
I		SECOND PRODUCT SPILLED (IF APPLICABLE)		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES		U.N. NUMBER
	J	SPILL SOURCE <b>TBD</b>		SPILL CAUSE <b>TBD</b>		AREA OF CONTAMINATION IN SQUARE METRES <b>5m2</b>
K		FACTORS AFFECTING SPILL OR RECOVERY		DESCRIBE ANY ASSISTANCE REQUIRED		HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT
	L	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS <b>On October 12, CIRNAC inspector contacted Agnico Eagle to report a petroleum product that was photographed on October 4th, in the water near the Marshalling Facilities, along the floating dock. When made aware, thorough inspection of the dock and surrounding was performed, and no contaminants were observed in the water. At the time of the picture, (October 4th) Desgagnes were working in this area, transporting shipping containers between the barge and the shore. Investigation is ongoing to determine possible cause of the spill.</b>  <b>Spill occurred in Baker Lake: 64 18'16"N 95 57'12"W</b> <b>Contact Information: Eric Haley 819-759-3555 EXT.: 460-6744</b>				
M		REPORTED TO SPILL LINE BY <b>Eric Haley</b>		POSITION <b>Env. Gen. Supervisor</b>	EMPLOYER <b>Agnico Eagle</b>	LOCATION CALLING FROM <b>Meadowbank</b>
	N	ANY ALTERNATE CONTACT <b>Alex Lavallee</b>		POSITION <b>Env. Superintendent</b>	EMPLOYER <b>Agnico Eagle</b>	ALTERNATE CONTACT <b>Meadowbank</b>
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 <input type="checkbox"/> EC <input type="checkbox"/> CCG <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> ILA <input type="checkbox"/> INAC <input type="checkbox"/> NEB <input type="checkbox"/> TC			SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN		FILE STATUS <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED
AGENCY		CONTACT NAME		CONTACT TIME	REMARKS	
LEAD AGENCY						
FIRST SUPPORT AGENCY						
SECOND SUPPORT AGENCY						
THIRD SUPPORT AGENCY						



## 2021-10-04 MBK 1L Petroleum Product

GN reference #: 2021-439

Please find the following information as a follow up to the Spill report submitted October 13, 2021 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-MEA1530, Part H, Item 8c and subsection 38(7) of the Fisheries Act.

### Spill Description

On October 12<sup>th</sup>, a CIRNAC inspector contacted Agnico Eagle to report a petroleum product that was photographed on October 4<sup>th</sup>, in the water near the Marshalling Facilities, along the floating dock. AEM inspected the spud barge upon notification on October 12<sup>th</sup> and found no remaining evidence of petroleum product in or near the water. The Spud Barge is operated by Desgagnes to transport shipping containers to AEM. Based on the photographs, the estimated spilled volume is 1L.



*Figure 1. Photographs Submitted by CIRNAC, dated October 4th*

Spill location: 64 18'16"N 95 57'12"W on IOL. The impacted waterbody is Baker Lake.

## Cause of Spill

No exact cause has been identified. However, it is possible the rain observed in Baker Lake on October 4<sup>th</sup> may have encouraged runoff of the product used to lubricate hydraulic components of the equipment in service at the spud barge and made his way into the water body.

## Remediation Actions

Due to other ongoing events on October 12<sup>th</sup>, water around the Spud Barge was sampled on October 13<sup>th</sup>, and the results have not raised any concerns. Analysis results are available in Table 1. The inspection frequency of the Spud Barge was increased following the notification by CIRNAC, until barge activities were completed.



*Figure 2. Spud Barge (October 12th)*

Table 1. Baker Lake Water Quality Analysis

Sample date		10/13/2021
Sample name		Spud barge
Sample type		N
Parameter	Unit	
<b>WQ01- Field Measured</b>		
Temperature	°C	5.3
pH	pH units	7.49
Conductivity	uS/cm	22.5
Turbidity	NTU	0.81
<b>WQ02- Conventional Parameters</b>		
TSS	mg/L	1
<b>WQ04- Nutrients and Chlorophyll a</b>		
Ammonia (NH3)	mg/L	< 0.061
Ammonia Nitrogen	mg/L	< 0.050
<b>WQ05- General Organics</b>		
Total oil and grease	mg/L	< 0.50
<b>WQ06- Total Metals</b>		
Arsenic	mg/L	0.00011
Copper	mg/L	< 0.00050
Lead	mg/L	< 0.00020
Nickel	mg/L	< 0.0010
Zinc	mg/L	< 0.0050
<b>WQ10- Volatile Organics</b>		
Benzene	mg/L	< 0.00020
Ethylbenzene	mg/L	< 0.00020
Toluene	mg/L	< 0.00020
Xylenes	mg/L	< 0.00040
m,p-Xylenes	mg/L	< 0.00040
o-Xylene	mg/L	< 0.00020

## Corrective measures

A remainder was given to all crews operating near the water of the importance of clean equipment, to avoid rain-caused runoff into water bodies. A documented visual inspection will be performed on all equipment prior to going on the Spud Barge. Furthermore, an investigation is ongoing with the shipping company to further evaluate corrective actions to mitigate reoccurrences.

## Closure

We trust that the above details described appropriately the spill incident that occurred at the Meadowbank site on October 04, 2021 and the cleanup activities. Please contact the undersigned should you have any questions.



**Samuel Tapp** | Environment Coordinator

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Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0

[agnicoeagle.com](http://agnicoeagle.com)



Sent from Meadowbank





Canada

## 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

<b>A</b>	REPORT DATE: MONTH – DAY – YEAR <b>10-13-2021</b>		REPORT TIME <b>8:00</b>		<input checked="" type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER _____
<b>B</b>	OCCURRENCE DATE: MONTH – DAY – YEAR <b>10-12-2021</b>		OCCURRENCE TIME <b>12:00PM</b>			
<b>C</b>	LAND USE PERMIT NUMBER (IF APPLICABLE) <b>KIOL-BL-14</b>			WATER LICENCE NUMBER (IF APPLICABLE) <b>NWB-2AM-MEA-1530</b>		
<b>D</b>	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION <b>Baker Lake</b>			REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN		
<b>E</b>	LATITUDE DEGREES <b>65</b> MINUTES <b>01</b> SECONDS <b>19</b>			LONGITUDE DEGREES <b>96</b> MINUTES <b>03</b> SECONDS <b>13</b>		
<b>F</b>	RESPONSIBLE PARTY OR VESSEL NAME <b>TBD</b>		RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION <b>TBD</b>			
<b>G</b>	ANY CONTRACTOR INVOLVED <b>Costal Shipping LTD - Woodward</b>		CONTRACTOR ADDRESS OR OFFICE LOCATION <b>PO Box 910, 114 Main Street, Lewisporte, NL Canada A0G 3A0</b>			
<b>H</b>	PRODUCT SPILLED <b>TBD</b>		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES <b>TBD</b>		U.N. NUMBER	
	SECOND PRODUCT SPILLED (IF APPLICABLE)		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES		U.N. NUMBER	
<b>I</b>	SPILL SOURCE <b>TBD</b>		SPILL CAUSE <b>TBD</b>		AREA OF CONTAMINATION IN SQUARE METRES <b>1000m2</b>	
<b>J</b>	FACTORS AFFECTING SPILL OR RECOVERY <b>Water Current/Wind Direction</b>		DESCRIBE ANY ASSISTANCE REQUIRED		HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT	
<b>K</b>	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS  <b>This is being reported by Agnico Eagle by due diligence, as cause and ownership of the spill is undetermined at this point. A visible sheen patch in the water was first observed in proximity to the MT Kivalliq W. vessel. Investigation into the source of the sheen was immediately initiated and the Emergency Response Plan was preventively initiated. Ship-to-shore fuel transfer was also stopped. Fuel line and tanker boat were thoroughly inspected and showed no sign of leakage. Boats were deployed to investigate the sheen. No fuel smell could be detected and nothing was absorbed by the various petroleum absorbent pads deployed. Initial petroleum/oil test strips were negative. The source and cause of the sheen is still under investigation. The sheen patch is being transported South/West due to currents and winds. Environmental samples were collected and will be shipped for analysis.</b> <b>Location of the spill is in Baker Lake: 64 18'05"N 95 57'10"W</b>					
<b>L</b>	REPORTED TO SPILL LINE BY <b>Eric Haley</b>	POSITION <b>Env. Gen. Supervisor</b>	EMPLOYER <b>Agnico Eagle</b>	LOCATION CALLING FROM <b>Meadowbank</b>	TELEPHONE <b>819-651-1010</b>	
<b>M</b>	ANY ALTERNATE CONTACT <b>Alex Lavallee</b>	POSITION <b>Env Superintendent</b>	EMPLOYER <b>Agnico Eagle</b>	ALTERNATE CONTACT <b>Meadowbank</b>	ALTERNATE TELEPHONE <b>819-860-0804</b>	
REPORT LINE USE ONLY						
<b>N</b>	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130	
LEAD AGENCY <input type="checkbox"/> EC <input type="checkbox"/> CCG <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> ILA <input type="checkbox"/> INAC <input type="checkbox"/> NEB <input type="checkbox"/> TC			SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN		FILE STATUS <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED	
AGENCY		CONTACT NAME	CONTACT TIME	REMARKS		
LEAD AGENCY						
FIRST SUPPORT AGENCY						
SECOND SUPPORT AGENCY						
THIRD SUPPORT AGENCY						



## 2021-10-12 MBK Baker Lake Sheen

GN reference #: 2021-438

Please find the following information as a follow up to the Spill report submitted October 12, 2021 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-MEA1530, Part H, Item 8c and subsection 38(7) of the Fisheries Act.

### Spill Description

This spill was declared by Agnico Eagle by due diligence, as cause and ownership of the spill remains undetermined. On October 12<sup>th</sup>, during a ship-to-shore fuel transfer, a visible sheen was observed in Baker Lake in proximity to the MT Kivalliq W. vessel. Due to winds and current, the patch was being transported South-West. Within 3 hours of the spill being detected, the patch had thinned-out, and was being carried far away. On October 13<sup>th</sup>, boats and a helicopter were deployed to try and locate the sheen patch and were unsuccessful. During the clean-up operations on the 12<sup>th</sup>, no fuel could be smelled. Following water samples and petroleum test strips, no fuel or petroleum product were detected in Baker Lake. Despite various analysis, the product remains unknown, and as a result, quantity of spilled material is undetermined.

Spill location: 64 18'05"N 95 57'10"W on IOL. The impacted waterbody is Baker Lake.



Figure 1. Sheen observed near Kivalliq W. vessel (October 12<sup>th</sup>)

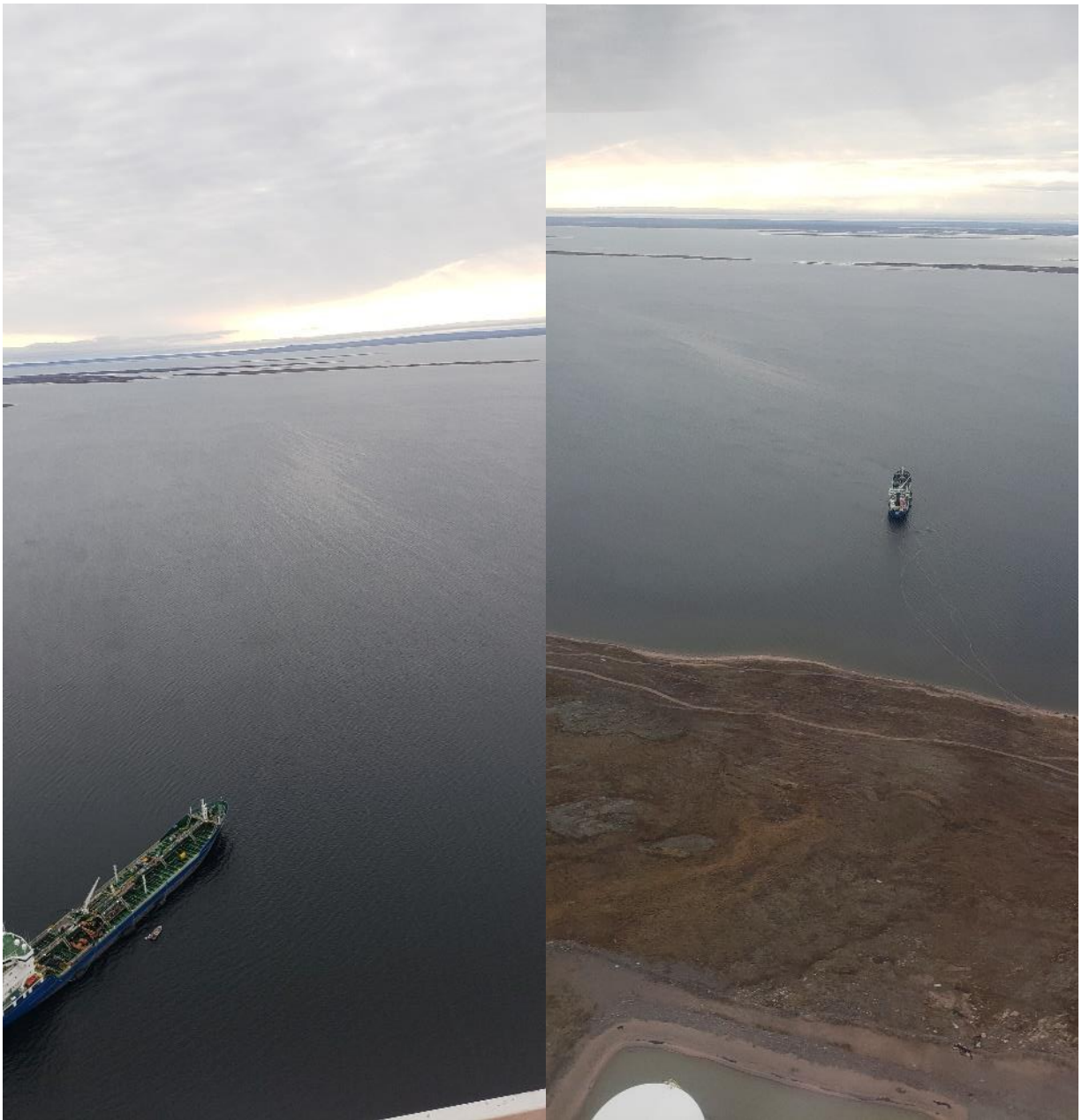
## Cause of Spill

Despite thorough investigation, no cause could be identified. All fuel transfer lines were inspected, as well as the surrounding of the boat and the shoreline, none of which appeared to be the source.

## Remediation Actions

Following the detection of the spill, the Emergency Response Plan was initiated. The ship-to-shore fuel transfer was stopped, and thorough inspection of all lines and areas surrounding the boat was performed. A clean-up operation was launched, by using U-shape petroleum absorbent booms pulled by boats. None of the used material absorbed the apparent sheen. Environmental water quality samples were taken for various parameters directly in the sheen, through an external accredited laboratory as well as an acute lethality of effluent to *Daphnia magna* and *Rainbow Trout* sample. Results of the acute lethality testing demonstrated no toxicity to *Daphnia magna* nor *Rainbow Trout*. Results of the water analysis are available in Table 1. Ship-to-shore fuel transfers resumed following thorough start-up procedure in daylight on October 13<sup>th</sup>, once the ship was determined not to have been leaking fuel.





*Figure 2. Visible sheen patch, 3 hours after being observed (October 12<sup>th</sup>)*

Table 1. Water Quality Results

Sample date		10/12/2021
Sample name		BL-Sheen
Parameter	Unit	
<b>WQ01- Field Measured</b>		
Temperature	°C	4.7
pH	pH units	7.75
Conductivity	uS/cm	22.7
Turbidity	NTU	1.31
<b>WQ02- Conventional Parameters</b>		
TSS	mg/L	2
<b>WQ04- Nutrients and Chlorophyll a</b>		
Ammonia (NH3)	mg/L	< 0.061
Ammonia Nitrogen	mg/L	< 0.050
<b>WQ05- General Organics</b>		
Total oil and grease	mg/L	< 0.50
<b>WQ06- Total Metals</b>		
Arsenic	mg/L	0.00011
Copper	mg/L	< 0.00050
Lead	mg/L	< 0.00020
Nickel	mg/L	< 0.0010
Zinc	mg/L	< 0.0050
<b>WQ10- Volatile Organics</b>		
Benzene	mg/L	< 0.00020
Ethylbenzene	mg/L	< 0.00020
Toluene	mg/L	< 0.00020
Xylenes	mg/L	< 0.00040
m,p-Xylenes	mg/L	< 0.00040
o-Xylene	mg/L	< 0.00020

## Closure

We trust that the above details described appropriately the spill incident that occurred near the MT Kivalliq W. vessel on October 12, 2021 and associated activities. Please contact the undersigned should you have any questions.



**Eric Haley** | Environment General Supervisor

[eric.haley@agnicoeagle.com](mailto:eric.haley@agnicoeagle.com) | Direct 819.759.3555 x4606491 | Mobile 819.651.1010

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Canada

## 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 <b>2021-10-20</b>		REPORT TIME <b>07:00</b>		<input checked="" type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER _____
	B	OCCURRENCE DATE: MONTH – DAY – YEAR <b>2021-10-19</b>		OCCURRENCE TIME <b>09:00</b>		
C		LAND USE PERMIT NUMBER (IF APPLICABLE) <b>KIOL-BL-14</b>		WATER LICENCE NUMBER (IF APPLICABLE) <b>NWB-2AM-MEA1530</b>		
	D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION <b>MEADOWBANK MINE SITE</b>			REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E		LATITUDE DEGREES <b>65</b> MINUTES <b>01</b> SECONDS <b>09</b>		LONGITUDE DEGREES <b>96</b> MINUTES <b>03</b> SECONDS <b>13</b>		
	F	RESPONSIBLE PARTY OR VESSEL NAME <b>AGNICO EAGLE MINES LTD</b>		RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION <b>BAKER LAKE X0C 0A0</b>		
G		ANY CONTRACTOR INVOLVED		CONTRACTOR ADDRESS OR OFFICE LOCATION		
	H	PRODUCT SPILLED <b>LEAD NITRATE</b>		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES <b>TBD</b>	U.N. NUMBER <b>1469</b>	
I		SECOND PRODUCT SPILLED (IF APPLICABLE)		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES	U.N. NUMBER	
	J	SPILL SOURCE <b>Damaged Mega Bag</b>		SPILL CAUSE <b>Human error</b>		AREA OF CONTAMINATION IN SQUARE METRES <b>TBD</b>
K		FACTORS AFFECTING SPILL OR RECOVERY		DESCRIBE ANY ASSISTANCE REQUIRED		HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT
	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS <b>During operations at Meadowbank, a lead nitrate bag was damaged when removing it from a seacan to the mill but no spill occurred, only the outer layer was damaged. The operator placed the bag inside a used bag to prevent a spill if the second layer failed. The bag was not identified, and another operator assumed it was meant for general waste. The bag was placed in a roll off bin and brought to the landfill by mistake. The bag was identified at the landfill and the area barricaded off. A full investigation and clean up actions are underway. Quantity of spill, area of contamination and further details of clean up actions will be provided in the follow up report.</b>  <b>There were no off site impacts or discharges to any receiving watercourses. Distance to the closest lake is 750m to Dog Leg Lake.</b> <b>Spill Location: Northing: 65' 2'4.27" Easting: 96' 3'18.04"</b> <b>Contact Information: Tom Thomson 819 759 3555 ext. 4606744</b>					
L	REPORTED TO SPILL LINE BY <b>Tom Thomson</b>	POSITION <b>Env. Coordinator</b>	EMPLOYER <b>Agnico Eagle Mines</b>	LOCATION CALLING FROM <b>819-759-3555</b>	TELEPHONE <b>4606744</b>	
	M	ANY ALTERNATE CONTACT <b>Alex Lavellee</b>	POSITION <b>Env. Superintendent</b>	EMPLOYER <b>Agnico Eagle Mines</b>	ALTERNATE CONTACT LOCATION	ALTERNATE TELEPHONE <b>819-860-0804</b>
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 <input type="checkbox"/> EC <input type="checkbox"/> CCG <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> ILA <input type="checkbox"/> INAC <input type="checkbox"/> NEB <input type="checkbox"/> TC			SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN		FILE STATUS <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED
AGENCY		CONTACT NAME	CONTACT TIME	REMARKS		
LEAD AGENCY						
FIRST SUPPORT AGENCY						
SECOND SUPPORT AGENCY						
THIRD SUPPORT AGENCY						





## 2021-10-19 MBK 250kg Lead Nitrate

GN reference #: 2021-450

Please find the following information as a follow up to the Spill report submitted October 19, 2021 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-MEA1530, Part H, Item 8c.

### Spill Description

During operations at Meadowbank, a damaged lead nitrate bag was placed into a secondary mega bag to prevent a spill. The mega bag was not properly identified and mistaken for general waste during the next shift and brought to the landfill.



Spill location: 65°1'1.3" 96°03'50" on IOL.

There were no off site impacts or discharge to any receiving watercourses. Distance to the closest water body is 750 meters to Dog Leg Lake.

## Cause of Spill

The damaged mega bag was placed into a secondary bag that was unidentified. Communication regarding the mega bag from dayshift night shift operators was not transferred.

## Remediation Actions

The dayshift operator advised the supervisor who immediately notified Environment. Mill workers identified the damaged Lead Nitrate bag at the landfill and barricaded the area off. The vacuum truck and excavator were used to collect the spilled Lead Nitrate and brought to the tailings area at Meadowbank where it was buried. The lead nitrate remaining in the original mega bag was brought back to the Mill for use. Approximately 2m3 of contaminated material was buried within the south cell tailings area.




## Corrective measures

A full investigation and safety meeting were completed by the Mill to reinforce the importance of identifying the secondary container. Discussion with buyers to set the standards with the chemical suppliers regarding proper placement of mega bags in seacans.

## Closure

We trust that the above details described appropriately the spill incident that occurred at the Meadowbank site on October 19, 2021 and the cleanup activities. Please contact the undersigned should you have any questions.



Tom Thomson | Environmental Coordinator

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Canada

## 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 <b>2021-10-21</b>		REPORT TIME <b>18:00</b>		<input checked="" type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER _____
	B	OCCURRENCE DATE: MONTH – DAY – YEAR <b>2021-10-21</b>		OCCURRENCE TIME <b>9:00</b>		
C		LAND USE PERMIT NUMBER (IF APPLICABLE) <b>KIOL-BL-14</b>			WATER LICENCE NUMBER (IF APPLICABLE) <b>NWB-2AM-MEA1530</b>	
	D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION <b>MEADOWBANK MINE SITE</b>			REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E		LATITUDE DEGREES <b>65</b> MINUTES <b>01</b> SECONDS <b>09</b>			LONGITUDE DEGREES <b>96</b> MINUTES <b>03</b> SECONDS <b>13</b>	
	F	RESPONSIBLE PARTY OR VESSEL NAME <b>AGNICO EAGLE MINES LTD</b>		RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION <b>BAKER LAKE X0C 0A0</b>		
G		ANY CONTRACTOR INVOLVED		CONTRACTOR ADDRESS OR OFFICE LOCATION		
	H	PRODUCT SPILLED <b>COOLANT</b>		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES <b>150 LITRES</b>		U.N. NUMBER
I		SECOND PRODUCT SPILLED (IF APPLICABLE)		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES		U.N. NUMBER
	J	SPILL SOURCE <b>TOTE</b>		SPILL CAUSE <b>PUNCTURED TOTE</b>		AREA OF CONTAMINATION IN SQUARE METRES <b>2M</b>
K		FACTORS AFFECTING SPILL OR RECOVERY		DESCRIBE ANY ASSISTANCE REQUIRED		HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT
	L	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS <b>During operation at Meadowbank, an operator was preparing to move totes of coolant in the warehouse transit area. The operator had extended the boom and when moving forward the forks punctured a tote due to uneven ground causing coolant to spill on the ground. The operator tipped the tote on it's side to minimize the spill and the coolant was transferred to an empty tote. The coolant on the ground was scraped up and approximately 1m3 of contaminated material was disposed of in the tailings.</b>  <b>There were no off site impacts or discharges to any receiving watercourses. Distance to the closest lake is 400m to Third Portage Lake.</b>  <b>Spill Location: Northing: 65' 1'1.33" Easting: 96' 3'50" W</b> <b>Contact information: Tom Thomson 819 759 3555 ext. 4606744</b>				
M		REPORTED TO SPILL LINE BY <b>Tom Thomson</b>		POSITION <b>Env. Coordinator</b>	EMPLOYER <b>Agnico Eagle Mines</b>	LOCATION CALLING FROM <b>819-759-3555</b>
	N	ANY ALTERNATE CONTACT <b>Alex Lavallee</b>		POSITION <b>Env. Superintendent</b>	EMPLOYER <b>Agnico Eagle Mines</b>	ALTERNATE CONTACT LOCATION
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 <input type="checkbox"/> EC <input type="checkbox"/> CCG <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> ILA <input type="checkbox"/> INAC <input type="checkbox"/> NEB <input type="checkbox"/> TC			SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN		FILE STATUS <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED
AGENCY		CONTACT NAME		CONTACT TIME		REMARKS
LEAD AGENCY						
FIRST SUPPORT AGENCY						
SECOND SUPPORT AGENCY						
THIRD SUPPORT AGENCY						





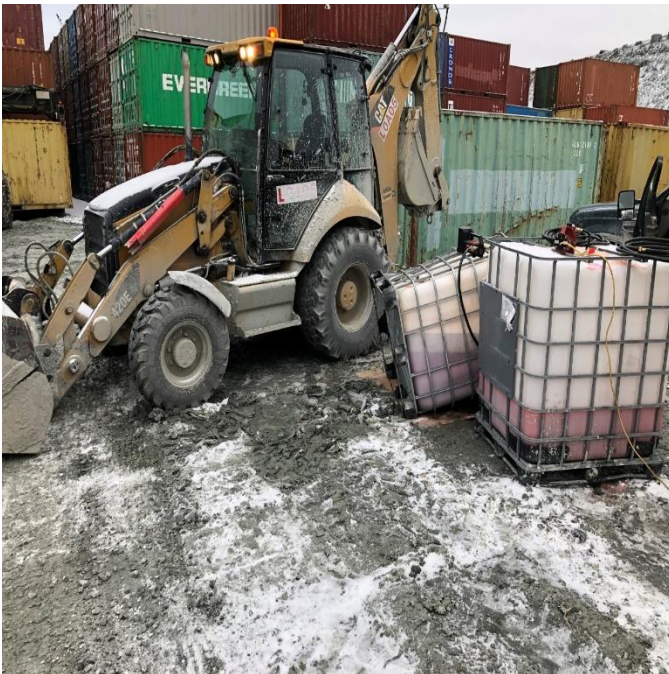
## 2021-10-19 MBK 150L Coolant

GN reference #: 2021-447

Please find the following information as a follow up to the Spill report submitted October 19, 2021 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-MEA1530, Part H, Item 8c.

### Spill Description

During operations at Meadowbank, an operator was preparing to move totes of coolant in the warehouse transit area. As the operator approached the tote with his boom extended, the forks punctured the tote causing coolant to spill on the ground.



Spill location: 65°1'1.3" 96°03'50" on IOL.

There were no off site impacts or discharge to any receiving watercourses. Distance to the closest water body is 400 meters to Third Portage Lake.

## Cause of Spill

The zoom boom operator had the forks extended and moving over uneven ground as they approached the tote.

## Remediation Actions

The operator immediately tipped the tote to stop the spill. The remaining coolant in the damaged tote was transferred to an empty tote. Spill pads were placed on the ground and in the seacan. An excavator removed the contaminated material on the ground. All spill pads were collected and brought to the Hazmat area. Approximately 4m3 of contaminated material was collected and brought to the tailings area at Meadowbank.



## Corrective measures

All operators are reminded of procedures and advised to use a spotter if necessary.

## Closure

We trust that the above details described appropriately the spill incident that occurred at the Meadowbank site on October 19, 2021 and the cleanup activities. Please contact the undersigned should you have any questions.



Tom Thomson | Environmental Coordinator

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Canada

## 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 <b>12-07-2021</b>		REPORT TIME <b>18:30</b>		<input checked="" type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER _____
	B	OCCURRENCE DATE: MONTH – DAY – YEAR <b>12-07-2021</b>		OCCURRENCE TIME <b>13:10</b>		
C		LAND USE PERMIT NUMBER (IF APPLICABLE) <b>KIOL-BL-14</b>			WATER LICENCE NUMBER (IF APPLICABLE) <b>NWB-2AM-MEA1530</b>	
	D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION <b>Meadowbank Mine Site</b>			REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E		LATITUDE DEGREES <b>65</b> MINUTES <b>01</b> SECONDS <b>19</b>			LONGITUDE DEGREES <b>96</b> MINUTES <b>03</b> SECONDS <b>13</b>	
	F	RESPONSIBLE PARTY OR VESSEL NAME <b>Agnico Eagle Mines LTD</b>		RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION <b>Baker Lake, X0C 0A0</b>		
G		ANY CONTRACTOR INVOLVED		CONTRACTOR ADDRESS OR OFFICE LOCATION		
	H	PRODUCT SPILLED <b>Blackwater</b>		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES <b>TBD</b>		U.N. NUMBER
I		SECOND PRODUCT SPILLED (IF APPLICABLE)		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES		U.N. NUMBER
	J	SPILL SOURCE <b>Sewage Tank</b>		SPILL CAUSE <b>Frozen Pipe</b>		AREA OF CONTAMINATION IN SQUARE METRES <b>10 m2</b>
K		FACTORS AFFECTING SPILL OR RECOVERY <b>Frozen ground</b>		DESCRIBE ANY ASSISTANCE REQUIRED		HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT
	L	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS <b>On December 7th a sewage spill was reported to the environment department by Russell Toolooktook. Due to a frozen offload pipe the sewage overflowed into the seacan and eventually flowed out the door of the seacan located at the Baker Lake Camp. A plumber was called to inspect the pipes and the sewage tank was offloaded to stop the spill. Surface material will be placed in the contaminated soil bin, to be disposed at the Meadowbank Landfarm.</b> <b>There were no offsite impact or discharge to any receiving watercourses. The closest waterbody is an unnamed lake, located 250m away.</b> <b>Spill Location: 64 18'35"N; 95 56'24"W</b> <b>Contact Information: Rowan Woodall 819-759-3555 EXT.:460-6744</b>				
M		REPORTED TO SPILL LINE BY <b>Rowan Woodall</b>	POSITION <b>Env Lead Technician</b>	EMPLOYER <b>Agnico Eagle Mines</b>	LOCATION CALLING FROM <b>Meadowbank</b>	TELEPHONE <b>819-759-3555</b>
	N	ANY ALTERNATE CONTACT <b>Eric Haley</b>	POSITION <b>Env. Gen. Supervisor</b>	EMPLOYER <b>Agnico Eagle Mines</b>	ALTERNATE CONTACT <b>Meadowbank</b>	ALTERNATE TELEPHONE <b>819-651-1010</b>
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 <input type="checkbox"/> EC <input type="checkbox"/> CCG <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> ILA <input type="checkbox"/> INAC <input type="checkbox"/> NEB <input type="checkbox"/> TC			SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN		FILE STATUS <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED
AGENCY		CONTACT NAME		CONTACT TIME		REMARKS
LEAD AGENCY						
FIRST SUPPORT AGENCY						
SECOND SUPPORT AGENCY						
THIRD SUPPORT AGENCY						





## 2021-12-07 MBK 150L Sewage

GN reference #: 2021-489

Please find the following information as a follow up to the Spill report submitted December 7<sup>th</sup>, 2021 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-MEA1530, Part H, Item 8c.

### Spill Description

On December 7<sup>th</sup>, 2021 a sewage spill at the Baker Lake Camp was reported to the environment department by the Baker Lake Conservation Officer. A septic tank had overflowed into the seacan and ultimately overflowed to the environment. The line was believed to have been frozen. After investigating the spill, it was determined that ~150L of sewage was spilt.



*Figure 1. Photographs Submitted by Conservation Officer, dated December 7th*

Spill location: 64 18'35"N; 95 56'24"W on IOL.

There were no off-site impacts or discharge to any receiving watercourses. Distance to the closest water body is 250 meters.

## Cause of Spill

Upon further investigation, a valve located inside the seacan was not being manipulated when trying to remove sewage. As a result, the septic tank overflowed and reported to the environment.

## Remediation Actions

The septic tank was drained immediately to stop the spill. Approximately 0.5 cubic meter of the accessible ice has been chipped away and an excavator will be sent to remove further material. Contaminated material will continue to be collected and brought to the Meadowbank Landfarm.



*Figure 2. Septic tank dated December 8th*

## Corrective measures

Review and reinforce environmental awareness with Baker Lake Facility personnel regarding the importance of reporting spill promptly. A reminder to the vacuum truck operator the steps to remove sewage from Baker Lake Camp Septic Tanks

## Closure

We trust that the above details described appropriately the spill incident that occurred at the Meadowbank site on December 7<sup>th</sup>, 2021 and the cleanup activities. Please contact the undersigned should you have any questions.



**Samuel Tapp** | Environment Coordinator

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Sent from Meadowbank