



October 23, 2014

Resource Management Officer
Nunavut Field Operations
Aboriginal Affairs and Northern Development Canada
Box 100
Iqaluit, NU X0A 0H0
robert.savard@aandc-aandc.gc.ca

Manager, Major Projects
Qikiqtani Inuit Association
P.O. Box 219
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Re: Close-out of Spill Reported on January 1st, 2014
Mary River Project - Water Licence No. 2AM-MRY1325

Further to the letter submitted by Baffinland Iron Mine Corporation (BIM) to Aboriginal Affairs and Northern Development Canada (AANDC) on February 9, 2014, *Re: Follow-up to Spill Reported on Jan 1st, 2014 Mary River Project – Water Licence No. 2AM-MRY 1325*, please see the notification below for your information and records.

Background:

On January 1st, 2014, at approximately 2230h, the operator of a 14M grader was attempting to plow some snow from the shoulder of road in the new road construction area when the grader suddenly dropped and became hung up on a rock underneath the blade. The operator was attempting to move the grader off the rock when the bottom of the fuel tank struck a rock and knocked off the fuel line at the bottom of the fuel tank. The operator remained unaware of the spill until the grader began to stall due to low fuel. The quantity of fuel spilt was approximately 200 L and contaminated an area of 4 square meters.

Remediation and Close-out:

During a follow-up inspection completed by AANDC on August 23, 2014, evidence of residual diesel contamination was observed at the spill location. Additional excavation was completed (September 12, 2014) to remove any remaining contaminated soil and a verification sample was collected to confirm a successful clean-up of the impacted area. External laboratory results (refer to sample 1134105, *MP-SPILL-2014-002, September 12, 2014* on attached lab report) indicate that residual total petroleum hydrocarbons present in the soil fall below CCME Guidelines for Tier 1 Industrial coarse-grain soils, thus confirming the successful remediation of the area.

Should you require further information or clarification on the above noted spill, please feel free to contact Trevor Myers or Allan Knight at (647) 253-0596 ext. 6010 or Jim Millard, environmental Manager, at (902) 403-1337.

Sincerely,

A handwritten signature in black ink that reads 'Lea Willemse'.

Lea Willemse
Environmental Coordinator

Attach: Certificate of Analysis – Exova Environmental Ontario

cc. Jim Millard, Trevor Myers, Nicolas Kuzyk, Lea Willemse, Erik Madsen, Baffinland.
Justin Hack, Erik Allain, AANDC
Manager of Licencing, NWB

Client: Baffinland Iron Mines Corporation
 #300 - 2275 Upper Middle Road East
 Oakville, ON
 LGH 0C3
 Attention: Mr. Jim Millard
 PO#:
 Invoice to: Baffinland Iron Mines Corporation

Report Number: 1419910
 Date Submitted: 2014-09-17
 Date Reported: 2014-09-19
 Project:
 COC #: 776496

Group	Analyte	MRL	Units	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	Guideline
General Chemistry	Moisture	0.1	%	1134103 Soil 2014-09-12 MP-BF-14a	1134104 Soil 2014-09-12 MP-BF-H3
Hydrocarbons	F1 (C6-C10)	10	ug/g	5.0	10.5
	F1-BTEX (C6-C10)	10	ug/g	<10	<10
	F2 (C10-C16)	10	ug/g	<10	<10
	F3 (C16-C34)	20	ug/g	40	20
	F4 (C34-C50)	20	ug/g	30	<20
Metals	Pb	20	ug/g	<20	<20
Oil & Grease	Oil & Grease - Total	1	ug/g	4	3
VOCs	Benzene	100	ug/g	200	<100
	Ethylbenzene	0.02	ug/g	<0.02	<0.02
	m/p-xylene	0.05	ug/g	<0.05	<0.05
	o-xylene	0.05	ug/g	<0.05	<0.05
	Toluene	0.20	ug/g	<0.20	<0.20
VOCs Surrogates (%)	Toluene-d8	0	%	104	94

Guideline = * = Guideline Exceedence

** = Analysis completed at Mississauga, Ontario.

Results relate only to the parameters tested on the samples submitted.

Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline,
 MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable
 Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO
 = Interim Provincial Water Quality Objective, TDR = Typical Desired Range



November 5, 2014

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Re: Follow-up to Spill #14-361, Reported on October 7th, 2014
Mary River Project - Water Licence No. 2AM-MRY1325

Summary:

On October 7th, 2014 at approximately 09:00, a Glycol de-icer fluid tote at the Mine Site Weatherhaven Maintenance Shop was discovered to be leaking during a routine inspection, the contents of which overflowed the portable spill berm which the tote was in (Photo 1). It was conservatively estimated that 150 litres was released from the 500 litre Glycol holding tank. The spill resulted in an impacted area of approximately 15m² to the adjacent ground. The location of the spill was greater than 500 meters from the nearest water body. A valve failure on the Glycol holding tank was determined to have caused the leak.

Immediate and Follow-Up Action:

The Environment department immediately notified the Maintenance department and a vacuum truck was used to remove the excess glycol from the impacted area. The contaminated snow and material was then scraped up with a grader and transferred into Quatrex bags.

Recommendations:

Other similar totes should be inspected to ensure that none of the valves are defective. Also, whenever the totes are not in use and are storing contents they should be placed into lined berm areas for secondary containment as a precautionary measure.

Current Status:

The Quatrex bags which contain the contaminated soil and snow have been transported to a lined hazardous waste containment area for storage and the defective valve was replaced on the holding tank.

Should you require further information or clarification, please feel free to contact the undersigned at (647) 253-0596 ext. 6010 or Jim Millard at (902) 403-1337.

Sincerely,

A handwritten signature in black ink, appearing to read 'Trevor Myers', is written over a horizontal line.

Trevor Myers, B.A. (Hon.), M.Sc.
Environmental Superintendent

Attach: Photos, Map, and Original NT-NU Spill Report

cc. Michael Anderson, Erik Madsen, Jim Millard, Allan Knight, Nicolas Kuzyk, Lea Willemse (Baffinland),
Justin Hack, Erik Allain, (AANDC), Manager of Licencing (NWB)



Photo 1: Initial Discovery of Spill

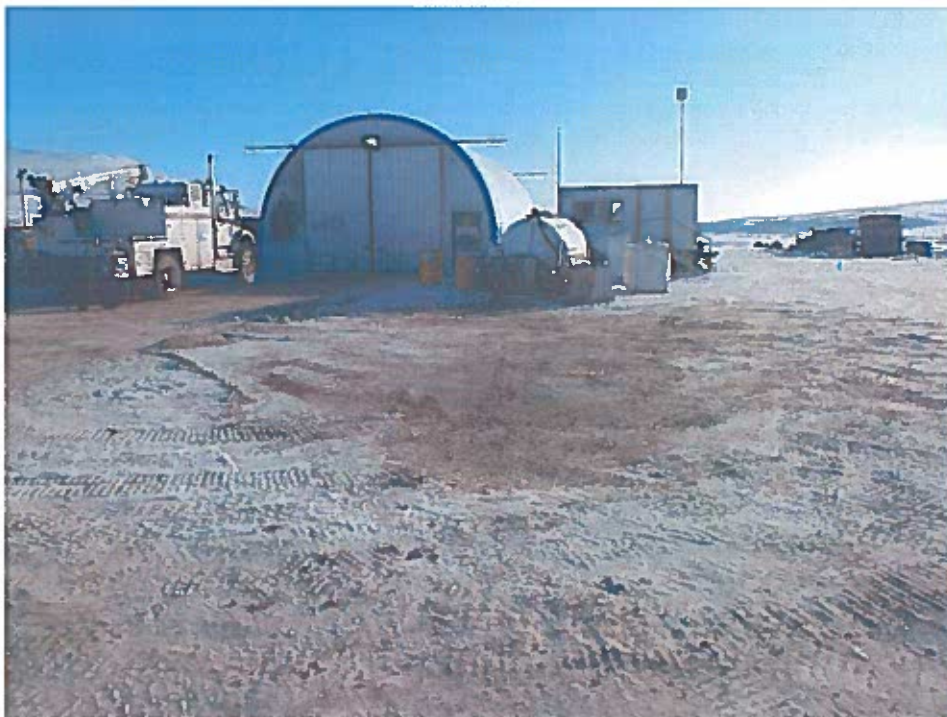
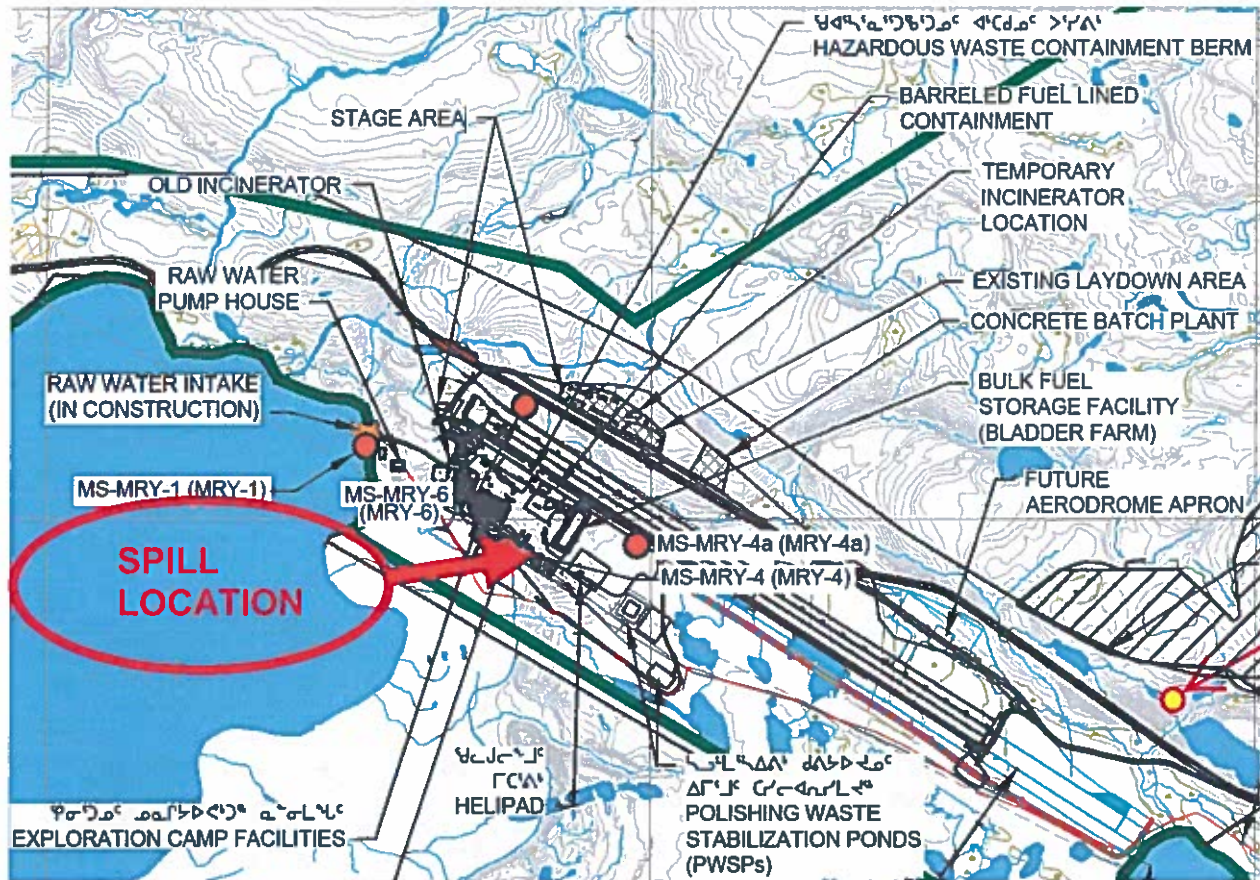


Photo 2: Impacted Area after Clean-up



Map of Spill Location



Canada

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 820-8130

FAX: (867) 873-6924

EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH - DAY - YEAR October 7, 2014	REPORT TIME 09:00 HRS	<input checked="" type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # TO THE ORIGINAL SPILL REPORT	REPORT NUMBER 14 361
B	OCCURRENCE DATE: MONTH - DAY - YEAR October 7, 2014	OCCURRENCE TIME 06:00 Hrs		
C	LAND USE PERMIT NUMBER (IF APPLICABLE) IOL - Commercial Lease: Q13C301	WATER LICENCE NUMBER (IF APPLICABLE) 2AM-MRY1325 Type "A"		
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION Mary River Mine Site, Baffin Island, NU		REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E	LATITUDE DEGREES 71 MINUTES 19 SECONDS 31		LONGITUDE DEGREES 79 MINUTES 22 SECONDS 19	
F	RESPONSIBLE PARTY OR VESSEL NAME Baffinland Iron Mines Corp.	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION 2275 Middle Road East, Suite 300, Oakville, ON L6H 0C3		
G	ANY CONTRACTOR INVOLVED	CONTRACTOR ADDRESS OR OFFICE LOCATION		
H	PRODUCT SPILLED Glycol - De-icing fluid	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES 150 L	U.N. NUMBER	
	SECOND PRODUCT SPILLED (IF APPLICABLE)	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES	U.N. NUMBER	
I	SPILL SOURCE Pressure washer tank	SPILL CAUSE Valve failure	AREA OF CONTAMINATION IN SQUARE METRES 15 m2	
J	FACTORS AFFECTING SPILL OR RECOVERY snow, frozen conditions	DESCRIBE ANY ASSISTANCE REQUIRED	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT	
K	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS During a routine inspection, it was found that a 500L plastic tank holding approximately 150L of Glycol solution (de-icing fluid) had drained out on to the adjacent ground. Results from the preliminary investigation suggest that the release of de-icing fluid was caused by a valve failure on the holding tank. The de-icing fluid was sucked up with a vacuum truck and the contaminated snow and material was removed and placed in Quatrex bags. The location is more than 500m from the closest water body. The investigation ongoing and further details will be provided in the follow up report.			
L	REPORTED TO SPILL LINE BY Trevor Myers	POSITION Env. Superintendent	EMPLOYER Baffinland	LOCATION CALLING FROM Mary River
M	ANY ALTERNATE CONTACT Jim Millard	POSITION Env. Manager	EMPLOYER Baffinland	ALTERNATE TELEPHONE 902-403-1337
REPORT LINE USE ONLY				
N	RECEIVED AT SPILL LINE BY STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 820-8130
LEAD AGENCY <input type="checkbox"/> EC <input type="checkbox"/> CCG <input type="checkbox"/> GMYT <input type="checkbox"/> GN <input type="checkbox"/> LA <input type="checkbox"/> NAC <input type="checkbox"/> TFC <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				



November 7th, 2014

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swbathory@qia.ca

Re: Follow-up to Spill 14-365 Reported on October 9th, 2014
Mary River Project - Water Licence No. 2AM-MRY1325

Summary:

On October 8th at 23:15, a worker was filling a fuel tanker at the refueling station of the Milne Port complex when he noticed the truck started to overflow from the top plate. An estimated 120L of diesel overflowed the tanker based on the area of 50 m² impacted within the engineered, lined, and bermed containment area. Approximately 15 m³ of contaminated soil was excavated on the morning of October 9th and disposed of in the Landfarm. The location of the spill was more than 100 m away from the closest body of water (Milne Inlet).

Immediate and Follow-Up Action:

The worker immediately hit the shut-off switch on the fueling module and began recovering the spill using absorbent pads and placing duck ponds under the vent tubes of the truck (photos 1 and 2). Response personnel arrived and continued to work at recovering the diesel using absorbent pads (photo 3). The contaminated area was cordoned off with caution tape until further clean-up during the day shift. Due to the frozen ground and engineered liner at a depth of 1 foot, excavation was limited to 6-8" deep to prevent damage to the liner (photo 4). Area was then back-filled with new material (photo 5).

Recommendations:

Investigation revealed that the electronic overflow control system ("Scully System") had malfunctioned.. The Scully System should have automatically shut-off the pump when fuel reached the top sensor. Identified corrective actions were:

- Have the Scully system repaired;
- Revise refueling procedure so as to provide additional environmental controls such as including a spotter on top of the fuel tank of the truck;;
- Review and sign-off the revised standard operating procedure by all lube/tanker truck operators.

Current Status:

SEI Industries has been retained by the BIM Maintenance Department to visit site and address the situation. In the interim, lube and fuel truck drivers have reviewed the revised fueling procedure and are refueling their tankers with the assistance of a spotter.



Should you require further information or clarification on the above noted spill, please feel free to contact Nicolas Kuzyk at (647) 253-0598 x4704, the undersigned at (647) 253-0596 x6010, or Jim Millard at (902) 403-1337.

Sincerely,

A handwritten signature in black ink, appearing to read 'All Knight'.

Allan Knight, B.Sc.
Environmental Coordinator

Attach: Photos, Map, NT-NU SPILL REPORT

cc. Michael Anderson, Erik Madsen, Jim Millard, Trevor Myers, Nicolas Kuzyk, Lea Willemse (Baffinland), Erik Allain, (AANDC), Manager of Licencing (NWB)

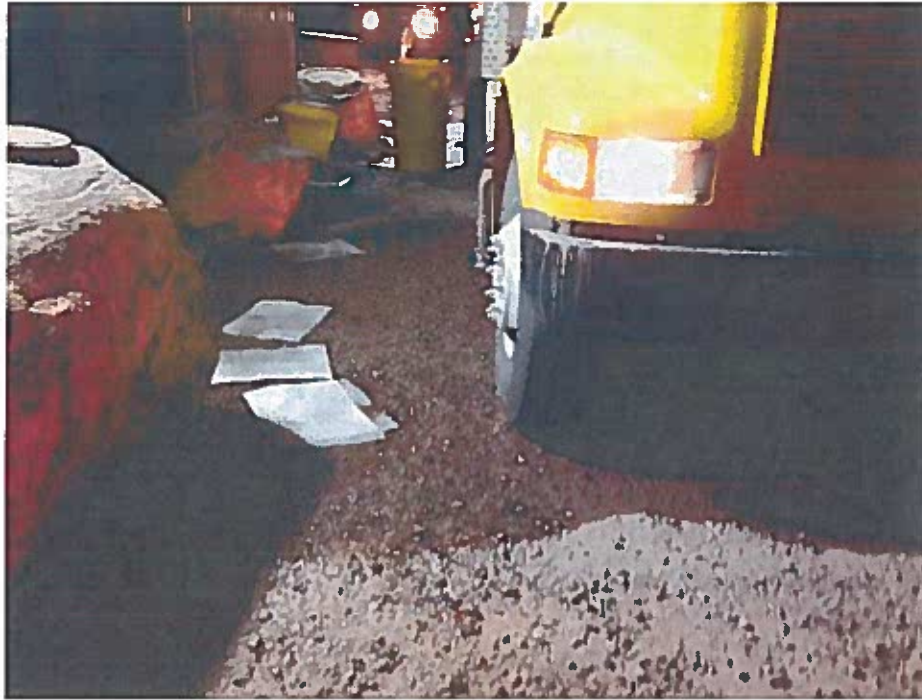


Figure 1. Front of Truck – First Spill Pads in place



Figure 2. Front of Truck – Spill tray under Vent Tubes



Figure 3. Back of Truck – Cleanup Immediate Actions: Spill Pads and Tray Under Back Vent Tube

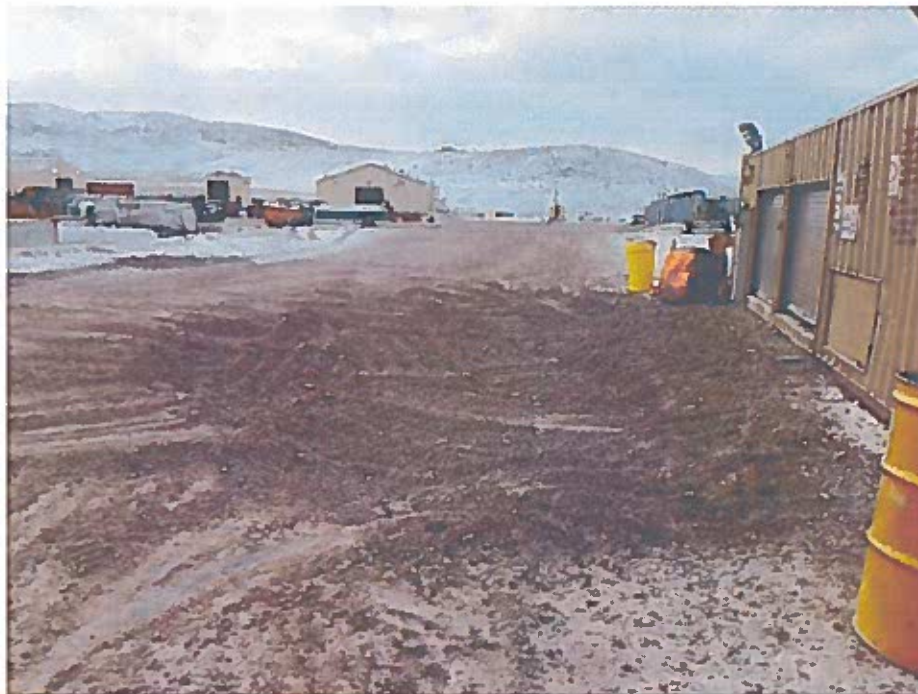


Figure 4. Area Excavated



Figure 5. Area Back-Filled with New Material – New Spill Pads in Place

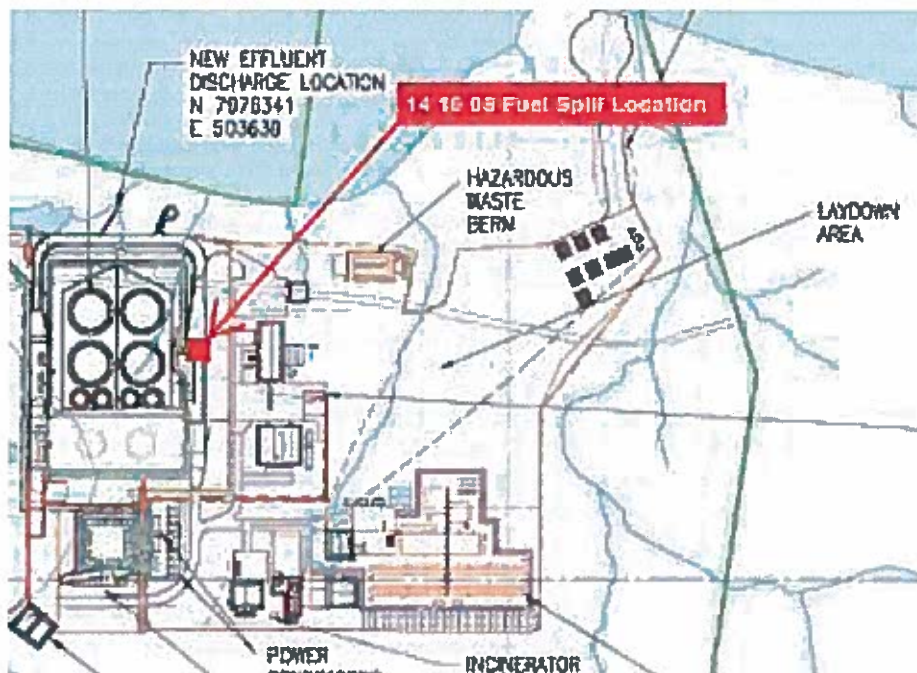


Figure 6. Spill Location



Canada

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE
TEL: (867) 929-8130
FAX: (867) 973-6924
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH - DAY - YEAR 10-09-2014	REPORT TIME 17:00	<input checked="" type="checkbox"/> ORIGINAL SPILL REPORT OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER 14-365
B	OCCURRENCE DATE: MONTH - DAY - YEAR 10-08-2014	OCCURRENCE TIME 23:15		
C	LAND USE PERMIT NUMBER (IF APPLICABLE) IOL - Commercial Lease No.: Q13C301	WATER LICENCE NUMBER (IF APPLICABLE) 2AM-MRY1325 Type "A"		
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION Milne Port Fueling Station		REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E	LATITUDE DEGREES 71 MINUTES 53 SECONDS 04		LONGITUDE DEGREES 80 MINUTES 53 SECONDS 09	
F	RESPONSIBLE PARTY OR VESSEL NAME Baffinland Iron Mines Corp.	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION 2275 Middle Road East, Suite 300, Oakville, ON L6H 0C3		
G	ANY CONTRACTOR INVOLVED Ruskin Construction	CONTRACTOR ADDRESS OR OFFICE LOCATION 2011 PG Pulp Mill Road, Prince George, BC V2K 5P5		
H	PRODUCT SPILLED Diesel	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES 120 L	U.N. NUMBER 1202	
	SECOND PRODUCT SPILLED (IF APPLICABLE) N/A	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES N/A	U.N. NUMBER N/A	
I	SPILL SOURCE Fuel Truck	SPILL CAUSE Overflow	AREA OF CONTAMINATION IN SQUARE METRES 50	
J	FACTORS AFFECTING SPILL OR RECOVERY Fuel module; liner, frozen ground	DESCRIBE ANY ASSISTANCE REQUIRED	HAZARDS TO PERSONS, PROPERTY OR ENVIRONMENT None	
K	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS At about 23:15 on October 8th 2014, a worker was fueling a fuel truck at the fueling station when he noticed the truck started to overflow from the top plate. He immediately hit the shut-off switch on the fueling module and began cleaning the spill immediately by using absorbent pads and placing duck ponds under the breathing/vent tubes of the truck. A BIM transport arrived on scene and contacted Security who notified BIM Environment. At about 00:15 hrs, Ruskin Safety was notified of the situation and arrived on site. The contaminated area was delineated with caution tape until further clean-up at day shift. Approximately 15 m3 of contaminated soils were excavated on the morning of October 9 and disposed of in the landfarm. Spill occurred within an engineered, lined bermed containment area located more than 100 meters away from the closest body of water (Milne Inlet). Volume of spill is estimated at 120 L and area of contamination at 50 m2. Further information will be provided in the follow-up report.			
L	REPORTED TO SPILL LINE BY Allan Knight	POSITION Environmental Coord.	EMPLOYER Baffinland Iron Mine	LOCATION CALLING FROM Mine Site
M	ANY ALTERNATE CONTACT Jim Millard	POSITION Environment Manager	EMPLOYER Baffinland Iron Mine	ALTERNATE CONTACT Off Site
TELEPHONE 647-253-0596				
ALTERNATE TELEPHONE 902-403-1337				
REPORT LINE USE ONLY				
N	RECEIVED AT SPILL LINE BY STATION OPERATOR	POSITION STATION OPERATOR	EMPLOYER STATION OPERATOR	LOCATION CALLED YELLOWKNIFE, NT
LEAD AGENCY <input type="checkbox"/> EC <input type="checkbox"/> CCG <input type="checkbox"/> GSWT <input type="checkbox"/> GN <input type="checkbox"/> SA <input type="checkbox"/> MAC <input type="checkbox"/> HEB <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				

PAGE 1 OF _____



November 7, 2014

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swbathory@qia.ca

Re: Follow-up to Spill #14-367, Reported on October 9th, 2014
Mary River Project - Water Licence No. 2AM-MRY1325

Summary:

On October 9th, 2014 at approximately 17:30, the WWTP operator discovered sewage flowing out of the WWTP building. The spill originated from the overtopping of the screen tank. It was estimated 200 litres was released, based on the impacted camp pad area of 15 m². The location of the spill was greater than 100 m from the nearest water body. A temporary screen that had been installed to augment the solids filtering had caused the spill.

Immediate and Follow-Up Action:

The Site Services department responded to the main lift station with the sewage truck to pump out the tank and monitor the levels. A loader was used to clean up the spill. The operator had been checking the screen regularly and suggested a large instantaneous amount of solids came into the system and caused the blockage and overflow condition.

Recommendations:

Operators at both plants have increased monitoring of lift stations and plant facilities.

Current Status:

Improvements to the screening system in the WWTP are currently being investigated.

Should you require further information or clarification, please feel free to contact the undersigned at (647) 253-0596 ext. 6010 or Jim Millard at (902) 403-1337.

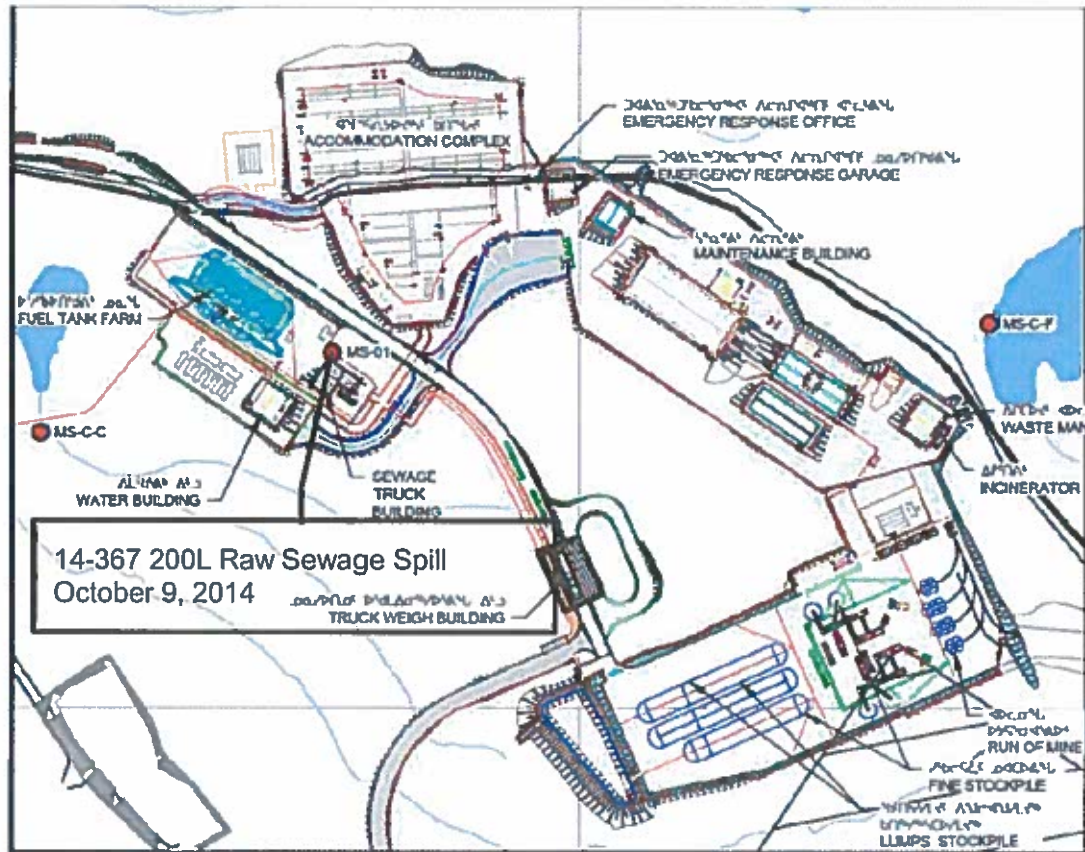
Sincerely,

A handwritten signature in black ink, appearing to read 'Allan Knight'.

Allan Knight, B.Sc.
Environmental Coordinator

Attach: Map, and Original NT-NU Spill Report

cc. Michael Anderson, Erik Madsen, Jim Millard, Trevor Myers, Nicolas Kuzyk, Lea Willemse (Baffinland), Erik Allain, (AANDC), Manager of Licencing (NWB)



Map of Spill Location



Canada

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE
TEL: (867) 920-3130
FAX: (867) 873-6924
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH - DAY - YEAR October 9, 2014	REPORT TIME 17:30 hrs	<input type="checkbox"/> ORIGINAL SPILL REPORT OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER 14-367
B	OCCURRENCE DATE: MONTH - DAY - YEAR October 9, 2014	OCCURRENCE TIME 17:30 hrs		
C	LAND USE PERMIT NUMBER (IF APPLICABLE) IOL - Commercial Lease: Q13C301	WATER LICENCE NUMBER (IF APPLICABLE) 2AM-MRY1325 Type "A"		
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION Mary River Mine Site, Baffin Island, NU		REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E	LATITUDE DEGREES 71 MINUTES 18 SECONDS 47		LONGITUDE DEGREES 79 MINUTES 17 SECONDS 04	
F	RESPONSIBLE PARTY OR VESSEL NAME Baffinland Iron Mines Corp.	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION 2275 Middle Road East, Suite 300, Oakville, ON L6H 0C3		
G	ANY CONTRACTOR INVOLVED	CONTRACTOR ADDRESS OR OFFICE LOCATION		
H	PRODUCT SPILLED Raw Sewage	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES Approx. 200 litres	U.N. NUMBER	
	SECOND PRODUCT SPILLED (IF APPLICABLE)	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES	U.N. NUMBER	
I	SPILL SOURCE WWTP Screener Tank	SPILL CAUSE Clogged Screen	AREA OF CONTAMINATION IN SQUARE METRES 15 sq meters	
J	FACTORS AFFECTING SPILL OR RECOVERY Frozen ground	DESCRIBE ANY ASSISTANCE REQUIRED	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT	
K	ADDITIONAL INFORMATIONAL COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS The WWTP operator discovered sewage flowing out of the WWTP building from over topping the screen tank. The sewage truck operator responded to the main lift station to pump the tank and monitor the levels. Site Services responded with a loader to clean up the spill and placed in PWSP #1. The location is on the camp pad and is greater than 100 m from the nearest water body. Further details will be provided in a forthcoming follow-up report.			
L	REPORTED TO SPILL LINE BY Allan Knight	POSITION Environmental Coord.	EMPLOYER Baffinland Iron Mine	LOCATION CALLED FROM Mine Site
M	ANY ALTERNATE CONTACT Jim Millard	POSITION Environmental Mgr	EMPLOYER Baffinland Iron Mine	ALTERNATE CONTACT Off Site
ALTERNATE TELEPHONE 902-403-1337				
REPORT LINE USE ONLY				
N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT
LEAD AGENCY <input type="checkbox"/> EC <input type="checkbox"/> CCG <input type="checkbox"/> GWT <input type="checkbox"/> GN <input type="checkbox"/> LA <input type="checkbox"/> NAC <input type="checkbox"/> NEB <input type="checkbox"/> TC			SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN	
AGENCY			CONTACT NAME	CONTACT TIME
LEAD AGENCY			REMARKS	
FIRST SUPPORT AGENCY				
SECOND SUPPORT AGENCY				
THIRD SUPPORT AGENCY				

PAGE 1 OF _____



November 14, 2014

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Justin.Hack@aadnc-aadnc.gc.ca

Manager, Major Projects
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swbathory@qia.ca

Re: Follow-up to Spill #14-382, Reported on October 16th, 2014
Mary River Project - Water Licence No. 2AM-MRY1325

Summary:

On October 16th, 2014 at approximately 17:30, the kitchen lift station at the Mine Site Complex was observed to be overflowing. It is estimated that approximately 150 litres of sewage was released based on the extent of the spill. Frozen ground conditions limited the depth of soil contamination to more or less just the surface. The location of the spill was greater than 200 m from the nearest water body. The high level float switch failed to turn on the pumps causing the overflow.

Immediate and Follow-Up Action:

The vacuum truck was used to clean-up the sewage surrounding the lift station and pump out the lift station itself. The recovered sewage was deposited into PWSP No. 1, an engineered and lined containment facility. The level of the lift station was monitored regularly until the float was replaced.

Recommendations:

All lift station floats were inspected.

Current Status:

Float was replaced as the wiring had been damaged. During regular inspections, lift station floats are tested and the pumps engaged to verify that there is no leakage from the force mains.

Should you require further information or clarification, please feel free to contact the undersigned at (647) 253-0596 ext. 6010 or Jim Millard at (902) 403-1337.

Sincerely,

A handwritten signature in black ink, appearing to read "Allan Knight".

Allan Knight, B.Sc.
Environmental Coordinator

Attach: Photos, Map, NT-NU Spill Report

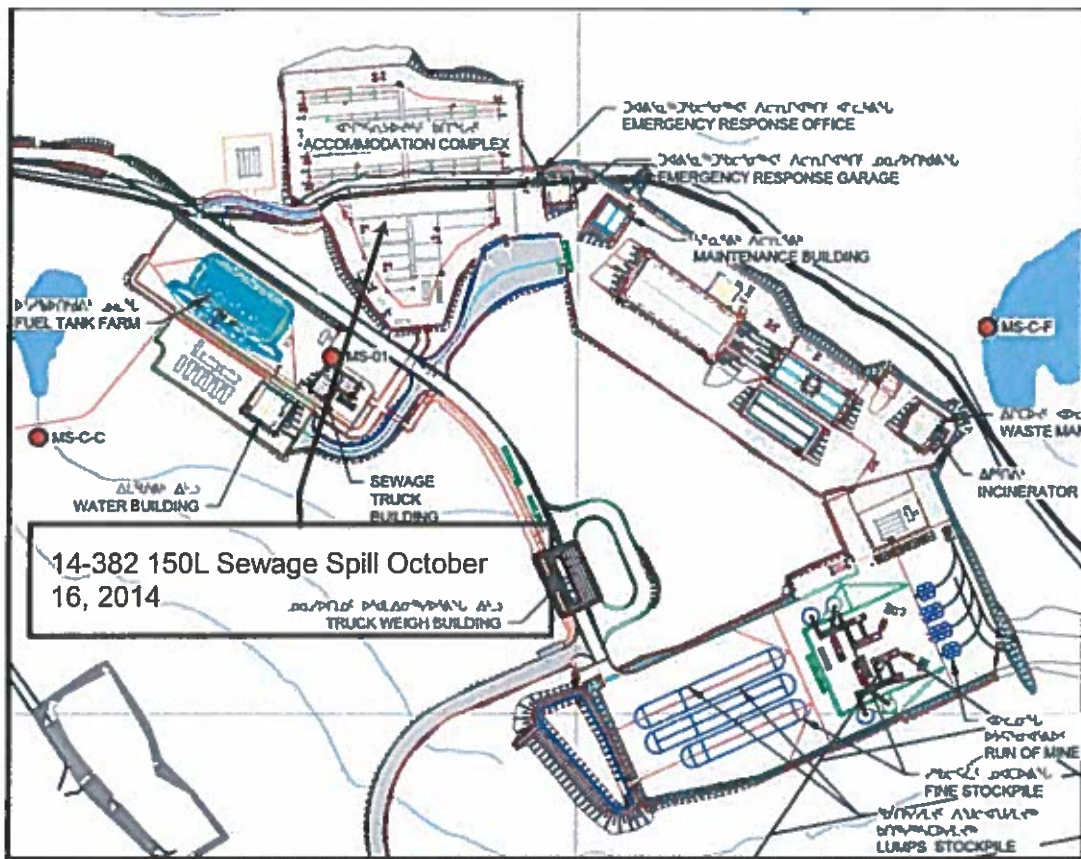
cc. Michael Anderson, Erik Madsen, Jim Millard, Trevor Myers, Nicolas Kuzyk, Lea Willemse (Baffinland), Erik Allain, (AANDC), Manager of Licencing (NWB)



Photo 1 - Kitchen Lift Station



Photo 2 - Kitchen Lift Station



Map of Spill Location



NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

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

REPORT LINE USE ONLY

A	REPORT DATE: MONTH - DAY - YEAR 10-16-2014	REPORT TIME 17:30	<input type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER 14-382
	OCURRENCE DATE: MONTH - DAY - YEAR 10-16-2014	OCURRENCE TIME 17:30		
C	LAND USE PERMIT NUMBER (IF APPLICABLE) IOL - Commercial Lease: Q13C301		WATER LICENCE NUMBER (IF APPLICABLE) 2AM-MRY1325 Type "A"	
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION Mary River Mine Site, Baffin Island, NU		REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E	LATITUDE DEGREES 71 MINUTES 18 SECONDS 52		LONGITUDE DEGREES 79 MINUTES 17 SECONDS 02	
F	RESPONSIBLE PARTY OR VESSEL NAME Baffinland Iron Mines Corp.	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION 2275 Middle Road East, Suite 300, Oakville, ON L6H 0C3		
G	ANY CONTRACTOR INVOLVED	CONTRACTOR ADDRESS OR OFFICE LOCATION		
H	PRODUCT SPILLED Sewage - Untreated	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES 150 litres	U.N. NUMBER	
	SECOND PRODUCT SPILLED (IF APPLICABLE)	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES	U.N. NUMBER	
I	SPILL SOURCE Lift Station	SPILL CAUSE Overflow	AREA OF CONTAMINATION IN SQUARE METRES 10 sq. m	
J	FACTORS AFFECTING SPILL OR RECOVERY	DESCRIBE ANY ASSISTANCE REQUIRED	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT	
K	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS On Thursday, October 16, 2014 at approximately 17:30, the kitchen lift station at the Mine Site Complex was observed to be overflowing. It is estimated that approximately 150 litres of sewage was released based on the extent of the spill. The vacuum truck was used to clean-up the sewage surrounding the lift station and pump out the lift station itself. Frozen ground conditions limited the depth of soil contamination to more or less just the surface. The closest water body is > 200 m away. The investigation is ongoing and further details of the incident will be provided in a follow up report.			
L	REPORTED TO SPILL LINE BY Allan Knight	POSITION Env. Coordinator	EMPLOYER Baffinland	LOCATION CALLING FROM Mine Site
M	ANY ALTERNATE CONTACT Jim Millard	POSITION Env. Manager	EMPLOYER Baffinland	ALTERNATE CONTACT Mine Site
REPORT LINE USE ONLY				
N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT
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"/> PAC <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				



November 30, 2014

Resource Management Officer
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Manager, Major Projects
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swbathory@qia.ca

Re: Follow-up to Spill #14-403, Reported on October 31st, 2014
Mary River Project - Water Licence No. 2AM-MRY1325

Summary:

On Friday, October 31, 2014 at approximately 09:00 AM, it was discovered that a high pressure sewer line outside of the AG wing at the MSC had separated, causing sewage to spill onto the surrounding snow and ice covered ground. Frozen ground conditions limited the depth of soil contamination to more or less just the surface. It is conservatively estimated that approximately 200 litres of sewage was released based on the extent of the spill. The closest water body is > 100 m away from this location and is presently frozen.

Immediate and Follow-Up Action:

The source was immediately contained and a front end loader was used to scrape up and dispose of the contaminated snow and ice into the PWSP#1, an engineered and lined containment facility. The broken sewer line was repaired and put back in to service.

Recommendations:

Extreme temperature changes which cause the piping to expand and contract promotes leaks and pipe failure. Ongoing routine inspection of the piping systems are required to inspect for leaks and potential locations of failure.

Current Status:

The system is back in service and regular inspections are conducted on the sewage lift station and sewer lines to verify there is no leakage throughout.

Should you require further information or clarification, please feel free to contact the undersigned at (647) 253-0596 ext. 6010 or Jim Millard at (902) 403-1337.

Sincerely,

A handwritten signature in blue ink, appearing to read "Trevor Myers", written over a horizontal line.

Trevor Myers, B.A. (Hon.), M.Sc.
Environmental Superintendent

Attach: Photos, Map, NT-NU Spill Report

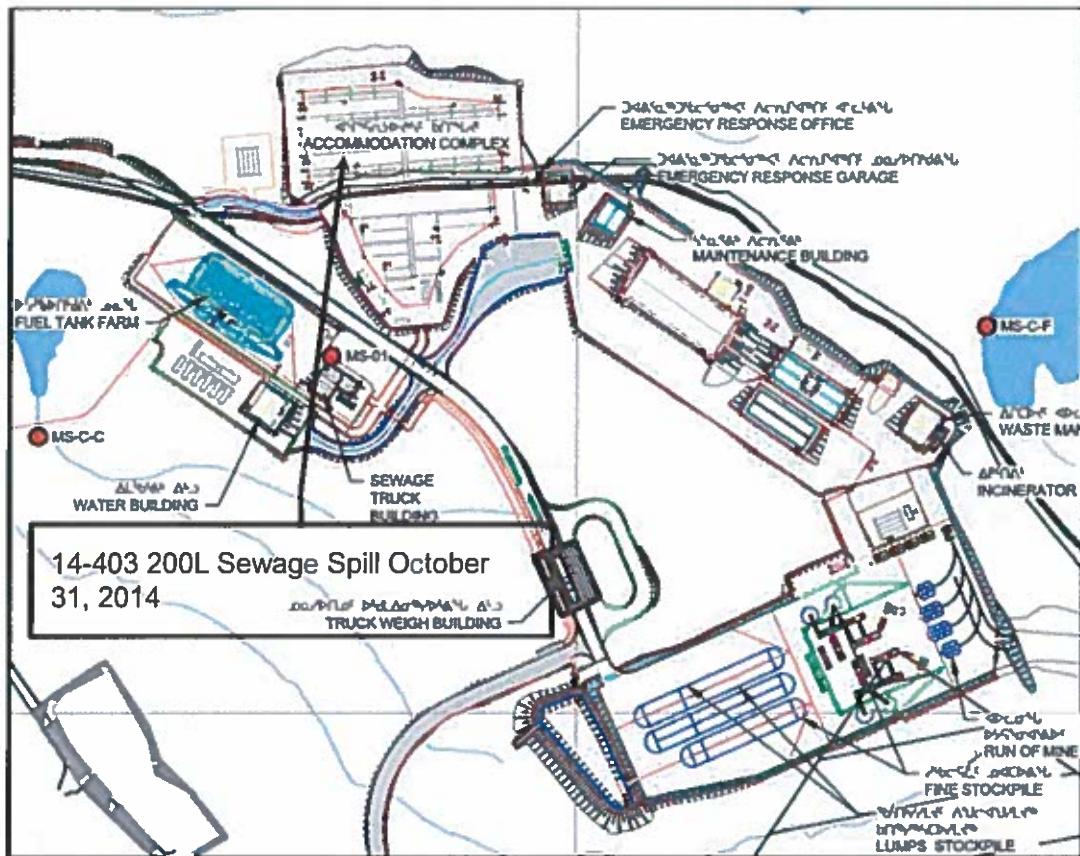
cc. Michael Anderson, Erik Madsen, Jim Millard, Allan Knight, Nicolas Kuzyk, Lea Willemse (Baffinland), Erik Allain, (AANDC), Manager of Licencing (NWB)



Photo 1 - Spill location after clean up



Photo 2 – Repaired sewer line



Map of Spill Location



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 10-31-2014	REPORT TIME 09:15	<input checked="" type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # TO THE ORIGINAL SPILL REPORT	REPORT NUMBER 14 403
B	OCCURRENCE DATE: MONTH - DAY - YEAR 10-31-2014	OCCURRENCE TIME 09:00		
C	LAND USE PERMIT NUMBER (IF APPLICABLE) IOL - Commercial Lease: Q13C301	WATER LICENCE NUMBER (IF APPLICABLE) 2AM-MRY1325 Type "A"		
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION Mary River Mine Site, Baffin Island, NU		REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E	LATITUDE DEGREES 71 MINUTES 18 SECONDS 53		LONGITUDE DEGREES 79 MINUTES 17 SECONDS 03	
F	RESPONSIBLE PARTY OR VESSEL NAME Baffinland Iron Mines Corp.	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION 2275 Middle Road East, Suite 300, Oakville, ON L6H 0C3		
G	ANY CONTRACTOR INVOLVED N/A	CONTRACTOR ADDRESS OR OFFICE LOCATION N/A		
H	PRODUCT SPILLED Sewage - Untreated	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES Approx. 200 litres	U.N. NUMBER N/A	
	SECOND PRODUCT SPILLED (IF APPLICABLE) N/A	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES N/A	U.N. NUMBER N/A	
I	SPILL SOURCE High Pressure Sewage Line	SPILL CAUSE Sewage Line Failure	AREA OF CONTAMINATION IN SQUARE METRES 20 sq. m	
J	FACTORS AFFECTING SPILL OR RECOVERY Frozen ground conditions	DESCRIBE ANY ASSISTANCE REQUIRED Heavy equipment for clean-up	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT N/A	
K	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS <p>On Friday, October 31, 2014 at approximately 09:00, it was discovered that a high pressure sewer line outside of the AG wing at the MSC had separated, causing sewage to spill onto the surrounding snow and ice covered ground. Frozen ground conditions limited the depth of soil contamination to more or less just the surface. It is conservatively estimated that approximately 200 litres of sewage was released based on the extent of the spill. The source was immediately contained and a front end loader was used to scrape up and dispose of the contaminated snow and ice into the PWSP#1. The closest water body is > 100 m away and is presently frozen. The investigation is presently ongoing and further details of the incident will be provided in the follow up report.</p>			
L	REPORTED TO SPILL LINE BY Trevor Myers	POSITION Env. Superintendent	EMPLOYER Baffinland	LOCATION CALLING FROM Mine Site
M	ANY ALTERNATE CONTACT Jim Millard	POSITION Env. Manager	EMPLOYER Baffinland	ALTERNATE CONTACT Off Site
TELEPHONE 647-253-0596				
ALTERNATE TELEPHONE 902-403-1337				
REPORT LINE USE ONLY				
N	RECEIVED AT SPILL LINE BY [Blank]	POSITION STATION OPERATOR	EMPLOYER [Blank]	LOCATION CALLED YELLOWKNIFE, NT
LEAD AGENCY <input type="checkbox"/> CC <input type="checkbox"/> CCG <input type="checkbox"/> GWNT <input type="checkbox"/> GN <input type="checkbox"/> LA <input type="checkbox"/> NAC <input type="checkbox"/> NCB <input type="checkbox"/> OTC			SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN	
AGENCY			FILE STATUS <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED	
CONTACT NAME		CONTACT TIME		REMARKS
LEAD AGENCY				
FIRST SUPPORT AGENCY				
SECOND SUPPORT AGENCY				
THIRD SUPPORT AGENCY				



Submission Date: December 17th, 2014

Resource Management Officer
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Manager, Major Projects
Qikiqtani Inuit Association
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swbathory@qia.ca

Re: Follow-up to Spill 14-425 Reported on November 28th, 2014
Mary River Project - Water Licence No. 2AM-MRY1325

Summary:

On November 28th at approximately 12:15 PM, in preparation for pumping out sewage from a holding tank at Milne Port, a worker used a frost fighter to thaw the line. Upon returning to the area an hour later, he noticed that the outlet was dripping sewage and that sewage leaked out of the lined insulated box onto the adjacent ground surface in front of the tank and under the wash car trailer, impacting an approximate area of 10 m² (Figure 1). The volume of the spill is conservatively estimated to be 200 L. The location of the spill is more than 150 m away from the closest body of water, Milne Inlet (Figure 4).

Immediate and Follow-Up Action:

The worker pumped the sewage from the tank, the ground and the area inside the liner. The wash car was taken out of service to prevent any further contamination to the receiving environment. Frozen sewage was broken into pieces and disposed of in the polishing waste stabilization pond.

Cause and Recommendations:

Investigation revealed that a power outage caused the outlet pipe to freeze. The freeze-thaw condition appeared to have caused the shutoff valve to close improperly and crack the tank. Thawing the line caused sewage above outlet line to gravity flow outside the tank. The sewage tank and lined insulated box need to be replaced.

The Site Services Fixed Plant Maintenance group must communicate all power shutdowns to departments that may be affected by a shutdown. It was also recommended that potentially impacted processes be identified to prevent negative impacts caused by freeze-thaw events, such as inspections of critical systems, better insulation, temporary heat, etc.

Current Status:

The sewage tank and insulated lined box have been replaced (Figure 3). Improved communication procedures have been implemented for planned and unplanned shutdowns / power outages.

Should you require further information or clarification on the above noted spill, please feel free to contact Jim Millard at (902) 403-1337 or the undersigned at (647) 253-0596 x6010.

Sincerely,

A handwritten signature in black ink, appearing to read 'Allan Knight'.

Allan Knight
Environmental Coordinator

Attach: Photos, Map, NT-NU SPILL REPORT

cc. Michael Anderson, Allan Knight, Trevor Myers, Nicolas Kuzyk, Lea Willemse, Erik Madsen, Baffinland.
Erik Allain, AANDC Manager of Licencing, NWB



Figure 1. Front of Holding Tank Box



Figure 2. Front of Holding Tank Cleaned



Figure 3. New Holding Tank and Box

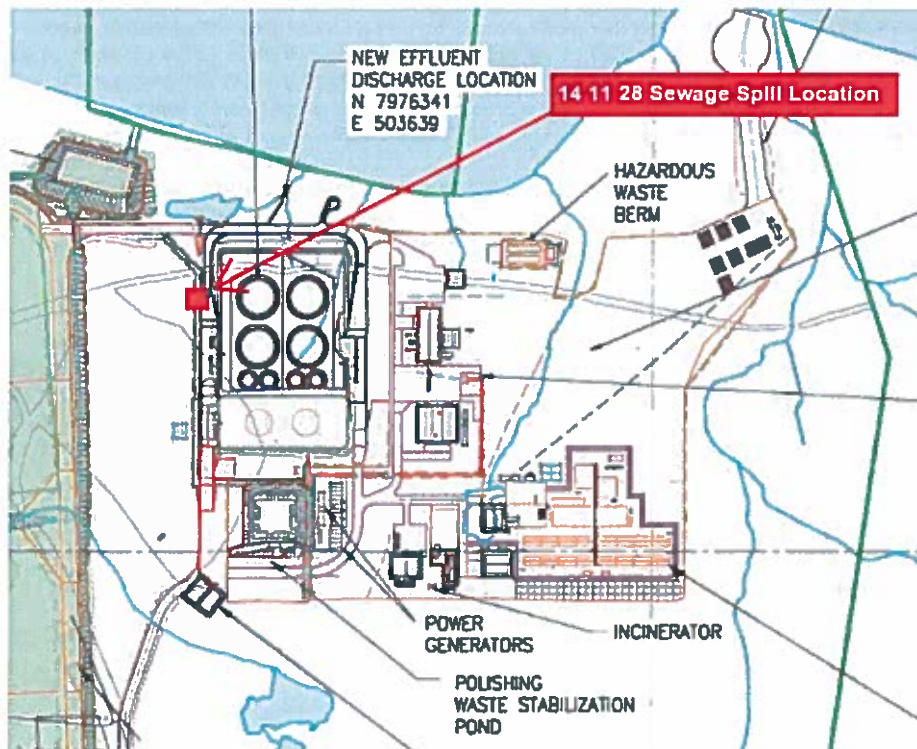


Figure 4. Spill Location



Canada

NT-NU SPILL REPORT

OIL, GAS OIL, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL (867) 629-8150

FAX (867) 673-6624

EMAIL: spills@nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH DAY YEAR 11-28-2014	REPORT TIME 22:00 PM	<input checked="" type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE TO THE ORIGINAL SPILL REPORT	REPORT NUMBER 14-425
B	OCCURRENCE DATE: MONTH DAY YEAR 11-28-2014	OCCURRENCE TIME 12:15 PM		
C	LAND USE PERMIT NUMBER (IF APPLICABLE) IOL - Commercial Lease No.: Q13C301	WATER LICENSE NUMBER (IF APPLICABLE) 2AM-MRY1325 Type "A"		
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAME LOCATION Milne Port	REGION <input type="checkbox"/> LNUW <input checked="" type="checkbox"/> MUNAWU <input type="checkbox"/> LAU/AGENT JURISDICTION ON OCEAN		
E	LATITUDE DEGREES 71 MINUTES 53 SECONDS 11	LONGITUDE DEGREES 80 MINUTES 53 SECONDS 52		
F	RESPONSIBLE PARTY ON VESSEL NAME Baffinland Iron Mines Corp.	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION 2275 Middle Road East, Suite 300, Oakville, ON L6H 0C3		
G	ANY CONTAMINATION INVOLVED N/A	CURRENT FACTOR ADDRESS OR OFFICE LOCATION N/A		
H	PRODUCT SPILLED Sewage	QUANTITY IN LITERS, KILOGRAMS OR CUBIC METRES 200 L	U.N. NUMBER N/A	
	SECOND PRODUCT SPILLED (IF APPLICABLE) N/A	QUANTITY IN LITERS, KILOGRAMS OR CUBIC METRES N/A	U.N. NUMBER N/A	
I	SPILL SOURCE Sewage Holding Tank	SPILL CAUSE Tank Failure	AREA OF CONTAMINATION IN SQUARE METERS 10 m2	
J	FACTORS AFFECTING SPILL OR RECOVERY Trailer and Electrical Cables	DESCRIBE ANY ASSISTANCE REQUIRED N/A	HAZARDOUS OPERATIONS, PROPERTY OR ENVIRONMENT N/A	

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

K On November 28, 2014 at approximately 12:15 PM, a Site Services Operator went to pump out a sewage holding tank at a wash car trailer when he noticed sewage around the tank's insulated box. The Operator immediately contacted his Supervisor, who in turn called the site Environmental Coordinator and Construction Manager. Sewage leaked out of the lined insulated box on to the adjacent receiving environment in front of the tank and under the wash car trailer, impacting an approximate area of 10 square meters. The volume of the spill is conservatively estimated to be 200 Liters. The wash car was immediately taken out of service to prevent any further contamination to the receiving environment and further details will be provided in the follow-up report as the investigation is presently ongoing.

L	REPORTED TO SPILL LINE BY Trevor Myers	POSITION Enviro Superintendent	EMPLOYER Baffinland Iron Mine	LOCATION OF LING FROM Mary River	TELEPHONE 647-253-0596
M	ANY ALTERNATE CONTACT Jim Millard	POSITION Enviro Manager	EMPLOYER Baffinland Iron Mine	ALTERNATE CONTACT Off Site	ALTERNATE TELEPHONE 902-403-1337

REPORT LINE USE ONLY				
N	RECEIVED AT SPILL LINE BY STATION OPERATOR	POSITION STATION OPERATOR	EMPLOYER YELL CROWN INC, NT	REPORT LINE NUMBER (867) 668-8150
LEAD AGENCY DECIDED FOR CONTAINMENT, CLEANUP, RECOVERY, AND DISPOSAL				
AGENCY	CONTACT NAME	CONTACT TIME	REMARKS	
LEAD AGENCY				
FIRST SUPPORT AGENCY				
SECOND SUPPORT AGENCY				
THIRD SUPPORT AGENCY				



Submission Date: December 17th, 2014

Resource Management Officer
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Manager, Major Projects
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swbathory@qia.ca

Re: Follow-up to Spill 14-430 Reported on December 1st, 2014
Mary River Project - Water Licence No. 2AM-MRY1325

Summary:

On December 1st at 17:15, a worker was filling the bulk tank of a lube truck at the refueling station of the Milne Port complex when he noticed the truck started to overflow from the top plate. An estimated 200L of diesel overflowed the tanker based on the area of 60 m² impacted within the engineered lined containment area. The location of the spill is more than 150 m away from the closest body of water (Milne Inlet).

Immediate and Follow-Up Action:

The worker immediately engaged the shut-off switch on the fueling module and called his supervisor. Workers started cleanup of the fuel on the frozen ground with absorbent pads. A volume of 4 m³ of contaminated snow was removed from the area and stockpiled in the contaminated snow dump adjacent to the Landfarm facility at Milne Port.

Recommendations:

Investigation revealed that the fueling procedure was not adequate for its purpose and the worker did not follow the requirement of having a spotter monitoring the fuel level in the tanker. It was recommended that the fueling procedure be revised and communicated to all personnel involved in bulk tank refuelling. The electronic overflow control (Scully) system was not activated at this location.

Current Status:

The maintenance department is in the process of revising the fueling procedure, and currently working on a solution to repair the "Scully System".

Should you require further information or clarification on the above noted spill, please feel free to contact Jim Millard at (902) 403-1337 or the undersigned at (647) 253-0598 x6010.

Sincerely,

A handwritten signature in black ink, appearing to read "Allan Knight".

Allan Knight
Environmental Coordinator

Attach: Photos, Map, NT-NU SPILL REPORT

cc. Jim Millard, Trevor Myers, Nicolas Kuzyk, Lea Willemse, Erik Madsen, Michael Anderson, Baffinland.
Erik Allain, AANDC, Manager of Licencing, NWB



Figure 1. Fuel spill before cleanup



Figure 2. Fuel spill after cleanup

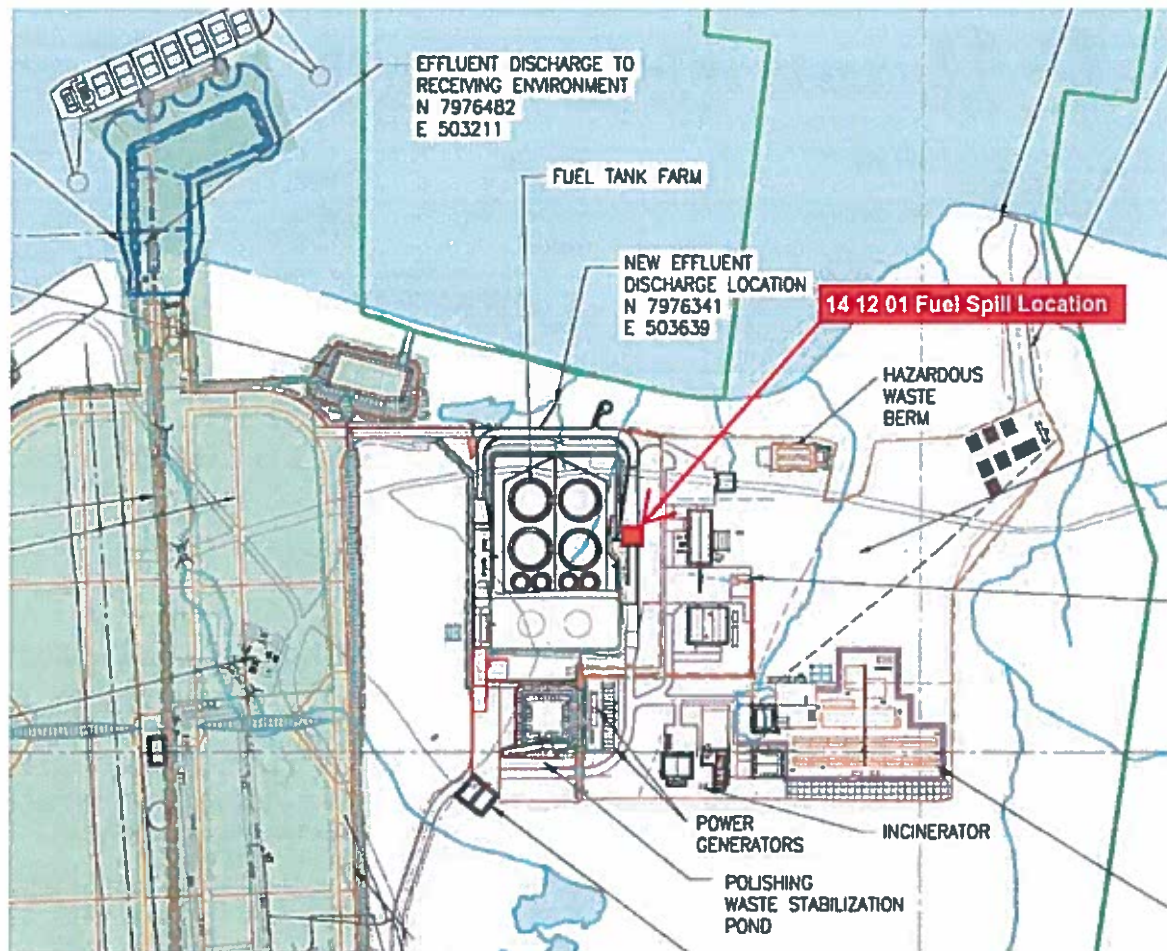


Figure 3. Spill Location



NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130

FAX: (867) 873-6924

EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH - DAY - YEAR 12-02-2014	REPORT TIME 11:45	<input checked="" type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER 14-430
B	OCCURRENCE DATE: MONTH - DAY - YEAR 12-01-2014	OCCURRENCE TIME 17:00		
C	LAND USE PERMIT NUMBER (IF APPLICABLE) IOL - Commercial Lease No.: Q13C301	WATER LICENCE NUMBER (IF APPLICABLE) 2AM-MRY1325 Type "A"		
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION Milne Port Fueling Station	REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN		
E	LATITUDE DEGREES 71 MINUTES 53 SECONDS 04		LONGITUDE DEGREES 80 MINUTES 53 SECONDS 09	
F	RESPONSIBLE PARTY OR VESSEL NAME Baffinland Iron Mines Corp.	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION 2275 Middle Road East, Suite 300, Oakville, ON L6H 0C3		
G	ANY CONTRACTOR INVOLVED NA	CONTRACTOR ADDRESS OR OFFICE LOCATION NA		
H	PRODUCT SPILLED Diesel	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES 200 L	U.N. NUMBER 1202	
	SECOND PRODUCT SPILLED (IF APPLICABLE) N/A	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES N/A	U.N. NUMBER N/A	
I	SPILL SOURCE Lube Truck	SPILL CAUSE Overflow	AREA OF CONTAMINATION IN SQUARE METRES 60	
J	FACTORS AFFECTING SPILL OR RECOVERY Fuel module, liner, frozen ground	DESCRIBE ANY ASSISTANCE REQUIRED NA	HAZARDS TO PERSONS, PROPERTY OR ENVIRONMENT None	
K	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS At about 17:00 on December 1st 2014, a worker was fueling the bulk tank of a lube truck at the fueling station when he noticed the truck started to overflow from the top plate. He immediately hit the shut-off switch on the fueling module and called his supervisor and the site Environmental Coordinator. Cleanup was initiated and completed shortly after by using absorbent pads and placing duck ponds under the breathing/vent tubes of the truck. The spill occurred within an engineered, lined containment area located more than 100 meters away from the closest body of water (Milne Inlet). Volume of spill is estimated at 200 L and the area of contamination at 60 m2. Further information will be provided in the follow-up report.			
L	REPORTED TO SPILL LINE BY Trevor Myers	POSITION Enviro Superintendent	EMPLOYER Baffinland	LOCATION CALLING FROM Mary River
M	ANY ALTERNATE CONTACT Jim Millard	POSITION Enviro Manager	EMPLOYER Baffinland	ALTERNATE CONTACT Off Site
REPORT LINE USE ONLY				
N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT
LEAD AGENCY <input type="checkbox"/> EC <input type="checkbox"/> CCQ <input type="checkbox"/> ONWT <input type="checkbox"/> ON <input type="checkbox"/> ILA <input type="checkbox"/> IAC <input type="checkbox"/> NEB <input type="checkbox"/> ITC			SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN	
AGENCY			FILE STATUS <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED	
CONTACT NAME			REMARKS	
LEAD AGENCY				
FIRST SUPPORT AGENCY				
SECOND SUPPORT AGENCY				
THIRD SUPPORT AGENCY				



Submitted Date: December 17th, 2014

Resource Management Officer
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Justin.Hack@aadnc-aadnc.gc.ca

Manager, Major Projects
Qikiqtani Inuit Association
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swbathory@qia.ca

Re: Follow-up to Spill #14-432, Reported on December 2nd, 2014
Mary River Project - Water Licence No. 2AM-MRY1325

Summary:

On Tuesday, December 2, 2014, the main crusher plant at the Mary River Mine Site was shut down for roughly 6 hours in -36 °C weather. When the operator went to start up the crusher plant, the cone-crusher unit motor would not start. The operator went outside to investigate and saw the oil coming out from the top of the gear oil tank.

Immediate and Follow-Up Action:

The crusher operator immediately shut down the plant and the crusher crew quickly contained the spill with the spill kit that was located at the crusher. The oil was cleaned up using spill pads and the impacted ground was shoveled up into a Quatrex bag and removed to secondary containment for storage to await transport to the landfill facility at Milne Port. Approximately 200L of lube oil was spilled onto the ground under the cone unit. The closest water body is more than 200 m away and is presently frozen.

Cause and Recommendations:

There are heaters in the tank to keep the oil temperature up to operating temperature and the tank is insulated, but the oil lines to and from the tank are not insulated. With the lines being exposed to -36 °C, the oil thickened, restricting flow through the filter, causing high pressures in the tank. This caused the filter cover on the cone oil lube tank to separate and the oil escape to the ground surface. The oil lines require insulating / heating.

Current Status:

The oil lines to and from the tank that are exposed to cold temperatures have been insulated and/or heated.

Should you require further information or clarification, please feel free to contact the undersigned at (647) 253-0596 ext. 6010 or Jim Millard at (902) 403-1337.

Sincerely,

A handwritten signature in black ink, appearing to read "Allan Knight".

Allan Knight, B.Sc.
Environmental Coordinator

Attach: Photos, Map, NT-NU Spill Report

cc. Michael Anderson, Erik Madsen, Jim Millard, Trevor Myers, Nicolas Kuzyk, Lea Willemse (Baffinland),
Erik Allain, (AANDC), Manager of Licencing (NWB)



Photo 1 - Spill Location



Photo 2 - Using Spill Pads



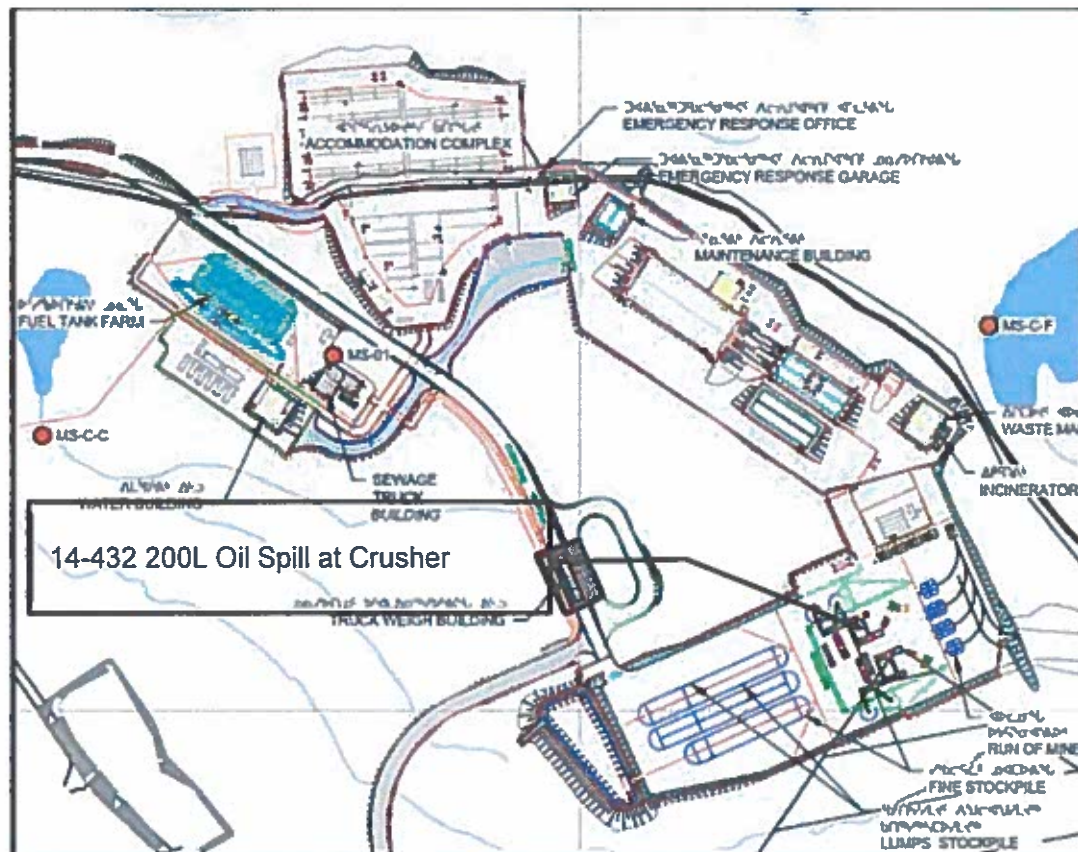
Photo 3 - Using Booms



Photo 3 - After Clean Up



Photo 4 – After Clean Up



Map of Spill Location



Canada

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE
TEL: (857) 620-8150
FAX: (857) 673-6224
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE MONTH DAY YEAR 12-03-2014	REPORT TIME 10:00	<input checked="" type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE A TO THE ORIGINAL SPILL REPORT	REPORT LINE NUMBER 14 432
B	OCCURRENCE DATE MONTH DAY YEAR 12-02-2014	OCCURRENCE TIME 13:30		
C	LAND USE PERMIT NUMBER (IF APPLICABLE) IOL - Commercial Lease: Q13C301	WATER LICENSE NUMBER (IF APPLICABLE) 2AM-MRY1325 Type "A"		
D	CONTAMINANT NAME, CONTAINER, AND/OR OTHER INFORMATION LOCATION Mary River Mine Site, Baffin Island, NU	LIMIT <input checked="" type="checkbox"/> MUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN		
E	LATITUDE DEGREES 71 MINUTES 18 SECONDS 43		LONGITUDE DEGREES 79 MINUTES 16 SECONDS 29	
F	RESPONSIBLE PARTY OR VESSEL NAME Baffinland Iron Mines Corp.	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION 2275 Middle Road East, Suite 300, Oakville, ON L6H 0C3		
G	ANY CONTRACTOR INVOLVED N/A	CONTRACTOR ADDRESS OR OFFICE LOCATION N/A		
H	PRODUCT SPOILED Shell Omala 150 Gear Oil	QUANTITY SPOILED, KILOGRAMS OR LITRES Approx. 200L	U/I NUMBER N/A	
	SECOND PRODUCT SPOILED (IF APPLICABLE) N/A	QUANTITY SPOILED, KILOGRAMS OR LITRES N/A	U/I NUMBER N/A	
I	SPILL SOURCE Lube Oil Tank on Cone Crusher	SPILL CAUSE Tank cap plate failure	AREA OF CONTAMINATION IN SQUARE METERS Approx. 20 sq. m	
J	FACTORS AFFECTING SPILL OR RECOVERY Frozen ground conditions	DESCRIBE ANY ASSISTANCE REQUIRED N/A	HAZARDOUS SUBSTANCES, PROPERTY OR EQUIPMENT N/A	

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

K On Tuesday, December 2, 2014, the main crusher plant was shut down for roughly 6 hours in -36C. When the operator when to start up the crusher plant, the cone crusher unit motor would not start. The operator went outside to investigate and saw the oil coming out from the top of the gear oil tank. The crusher operator immediately shut down the plant and crusher crew quickly contain the spill with the spill kit that was located at the crusher. The operator then called his supervisor to informed him of what happen and the supervisor then immediately notified the Environment Department of the incident. The oil was cleaned up using spill pads and the impacted ground was shoveled up into a Quatrex bag and removed to secondary containment for storage to await transport to the soil remediation facility. Approximately 200L of lube oil was spilled onto the ground under the cone unit. The closest water body is > 100 m away and is presently frozen. The investigation is presently ongoing and further details of the incident will be provided in the follow up report.

L	REPORTER (FULL NAME) Trevor Myers	POSITION Env. Superintendent	EMPLOYER Baffinland	LOCATION CALLED FROM Mine Site	PHONE 647-253-0596
M	ANY ALTERNATE CONTACT Jim Millard	POSITION Env. Manager	EMPLOYER Baffinland	ALTERNATE CONTACT LOCATION Off Site	ALTERNATE PHONE 902-403-1337

REPORT LINE USE ONLY				
N	REPORTER (FULL NAME) STATION OPERATOR	POSITION STATION OPERATOR	EMPLOYER YELLOWKNIFE, NT	REPORT LINE NUMBER (857) 620-8150
IF NO AGENCY TO CONTACT, CHECK "NO AGENCY TO CONTACT" BOX. SIGNIFICANCE: MINOR UNKNOWN, MAJOR UNKNOWN, IF KNOWN, CHECK "IF KNOWN" BOX.				
AGENCY	CONTACT NAME	CONTACT INFO	REMARKS	
LEAD AGENCY				
FIRST SUPPORT AGENCY				
SECOND SUPPORT AGENCY				
THIRD SUPPORT AGENCY				



January 3, 2015

Resource Management Officer
Nunavut Field Operations
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Manager, Major Projects
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swbathory@qia.ca

Re: Follow-up to Spill #14-431, Reported on October 2nd, 2014
Mary River Project - Water Licence No. 2AM-MRY1325

Summary:

On Monday, December 1, 2014, the water treatment operator reported that the MBR had a large quantity of sewage that was unaccounted for. Site Services investigated and found that sewage had been released from the AF wing lift station at the Mine Site Complex. The surrounding snow and ice covered ground appeared to be slightly impacted, however upon further investigation it was discovered that the majority of the sewage had migrated underneath the AG wing and froze, making the spill volume and area of contamination hard to determine. It is conservatively estimated that roughly 5000 litres of sewage was released to the receiving environment. The pumps were immediately shut off upon discovery and the lift station tank and housing unit were pumped out with a vacuum truck. There was no flow of sewage to the closest water body which is > 200 m away and is presently frozen.

Immediate and Follow-Up Action:

All water was shut off and Environment was notified. The Lift Station and housing unit were pumped out with a vacuum truck and contaminated material was removed and disposed of in the polishing waste stabilizing pond, more remains under the wing. The joint that failed was replaced and tested.

Recommendations:

Extreme temperature changes which cause the piping to expand and contract promotes leaks and pipe failure. Ongoing routine inspection of the piping systems are required to inspect for leaks and potential locations of failure. A longer term plan to solve this issue is in development.

Current Status:

The system is back in service and regular inspections are conducted on the sewage lift station and sewer lines to verify there is no leakage throughout.

Should you require further information or clarification on the above noted spill, please feel free to contact Jim Millard at (902) 403-1337 or the undersigned at (647) 253-0596 x6010.

Sincerely,

A handwritten signature in black ink, appearing to read 'Allan Knight'.

Allan Knight, B.Sc.
Environmental Coordinator

Attach: Photos, Map, NT-NU Spill Report

cc. Michael Anderson, Erik Madsen, Jim Millard, Allan Knight, Nicolas Kuzyk, Lea Willemse (Baffinland), Erik Allain, (AANDC), Manager of Licencing (NWB)



Photo 1 - Spill location AG Wing Lift Station



Photo 2 – Sewage under Accommodation Wing



Canada

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

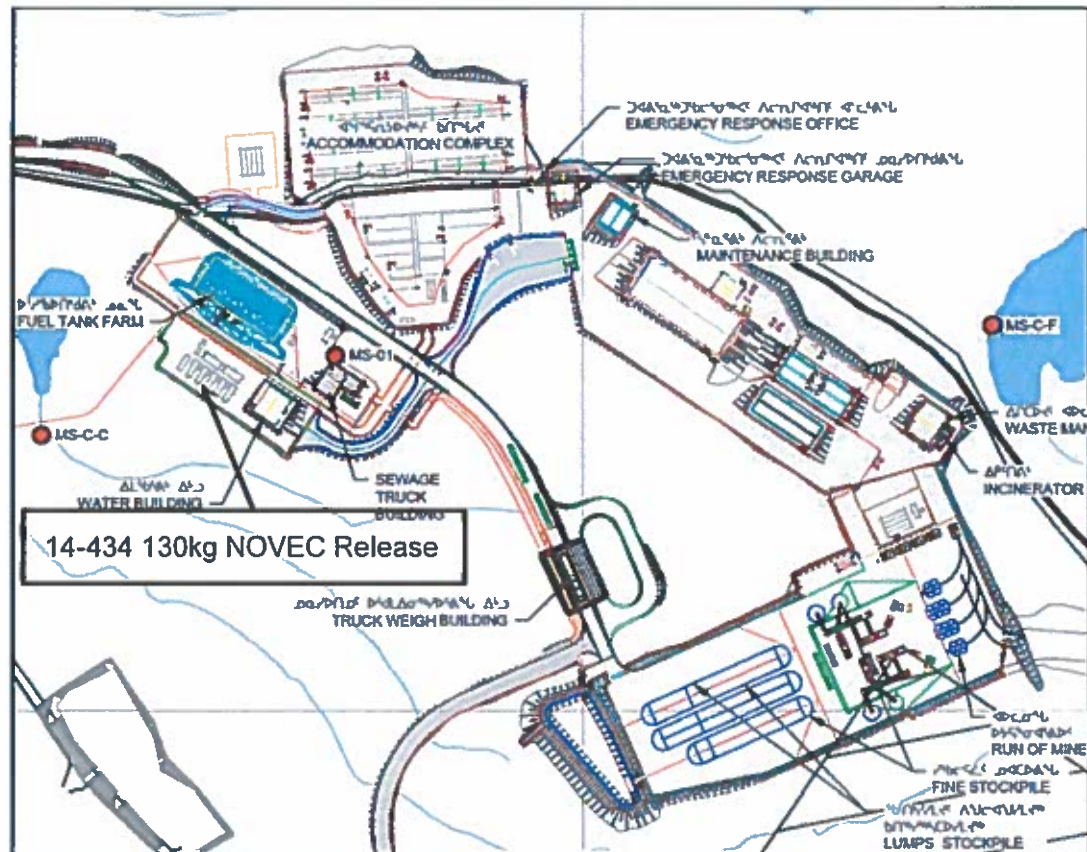
TEL: (867) 920-8130

FAX: (867) 873-6924

EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH - DAY - YEAR 12-03-2014	REPORT TIME 17:00 HRS	<input checked="" type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER 14--434
B	OCCURRENCE DATE: MONTH - DAY - YEAR 12-01-2014	OCCURRENCE TIME 03:30 HRS		
C	LAND USE PERMIT NUMBER (IF APPLICABLE) IOL - Commercial Lease No.: Q13C301	WATER LICENCE NUMBER (IF APPLICABLE) 2AM-MRY1325 Type "A"		
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION Mary River Mine Site, Baffin Island, NU		REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E	LATITUDE DEGREES 71 MINUTES 18 SECONDS 49		LONGITUDE DEGREES 79 MINUTES 17 SECONDS 14	
F	RESPONSIBLE PARTY OR VESSEL NAME Baffinland Iron Mines Corp.	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION 2275 Middle Road East, Suite 300, Oakville, ON L6H 0C3		
G	ANY CONTRACTOR INVOLVED	CONTRACTOR ADDRESS OR OFFICE LOCATION		
H	PRODUCT SPILLED 3M Novec 1230	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES 130 kg	U.N. NUMBER 1956	
	SECOND PRODUCT SPILLED (IF APPLICABLE) Glycol	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES 2 L	U.N. NUMBER N/A	
I	SPILL SOURCE Fire suppression system	SPILL CAUSE Generator steam release	AREA OF CONTAMINATION IN SQUARE METRES N/A	
J	FACTORS AFFECTING SPILL OR RECOVERY Airborne product release	DESCRIBE ANY ASSISTANCE REQUIRED N/A	HAZARDS TO PERSONS, PROPERTY OR ENVIRONMENT N/A	
K	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS On Monday December 1, 2014 at approximately 3:30 am, MSG-403 generator at the Mine Site Complex shut down. The electrical department responded to the scene. On inspection, the Bilmo actuator motors had failed to work, causing MSG-403 to overheat and shutdown due to high temperature. The glycol in the radiator expanded causing excess glycol to spill through the overflow. Steam resulted from this release of glycol causing the fire suppression system to activate. The fire suppression system discharged approximately 130 kg of 3M Novec 1230 in the generator housing unit. There was no release of Glycol to the receiving environment. The investigation is ongoing and further details will be provided in the follow-up report.			
L	REPORTED TO SPILL LINE BY Jim Millard	POSITION Env. Manager	EMPLOYER Baffinland Iron Mine	LOCATION CALLING FROM Mine Site
M	ANY ALTERNATE CONTACT Trevor Myers	POSITION Env. Superintendent	EMPLOYER Baffinland Iron Mine	ALTERNATE CONTACT LOCATION Mine Site
REPORT LINE USE ONLY				
N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT
LEAD AGENCY <input type="checkbox"/> EC <input type="checkbox"/> CCG <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> I/A <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	
AGENCY			CONTACT NAME	CONTACT TIME
LEAD AGENCY			REMARKS	
FIRST SUPPORT AGENCY				
SECOND SUPPORT AGENCY				
THIRD SUPPORT AGENCY				



Map of Spill Location



Submitted Date: January 3rd, 2014

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Manager, Major Projects
Qikiqtani Inuit Association
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Iqaluit, NU X0A 0H0
swbathory@qia.ca

Re: Follow-up to Spill #14-434, Reported on December 3rd, 2014
Mary River Project - Water Licence No. 2AM-MRY1325

Summary:

On Monday December 1, 2014 at approximately 3:30 am, MSG-403 generator at the Mine Site Complex shut down. The electrical department responded to the scene. On initial inspection, the *Bilmo* actuator motors had failed to work, causing MSG-403 to overheat and shutdown due to high temperature. The glycol in the radiator expanded causing excess glycol to spill through the overflow. Steam resulted from this release of glycol caused the fire suppression system to activate. The fire suppression system discharged approximately 130 kg of 3M Novec 1230 to the atmosphere. There was no release of Glycol to the receiving environment.

Immediate and Follow-Up Action:

Upon further investigation, an inadequate fitting was found that had allowed coolant to spray into the module, causing the discharge of the fire suppressant.

Recommendations:

Ensure that all generators have the correct fittings and detectors are functioning properly.

Current Status:

Fitting was replaced on MSG-403 and one of two detectors in the module disconnected.

Should you require further information or clarification, please feel free to contact the undersigned at (647) 253-0596 ext. 6010 or Jim Millard at (902) 403-1337.

Sincerely,

A handwritten signature in black ink, appearing to read "Allan Knight".

Allan Knight, B.Sc.
Environmental Coordinator

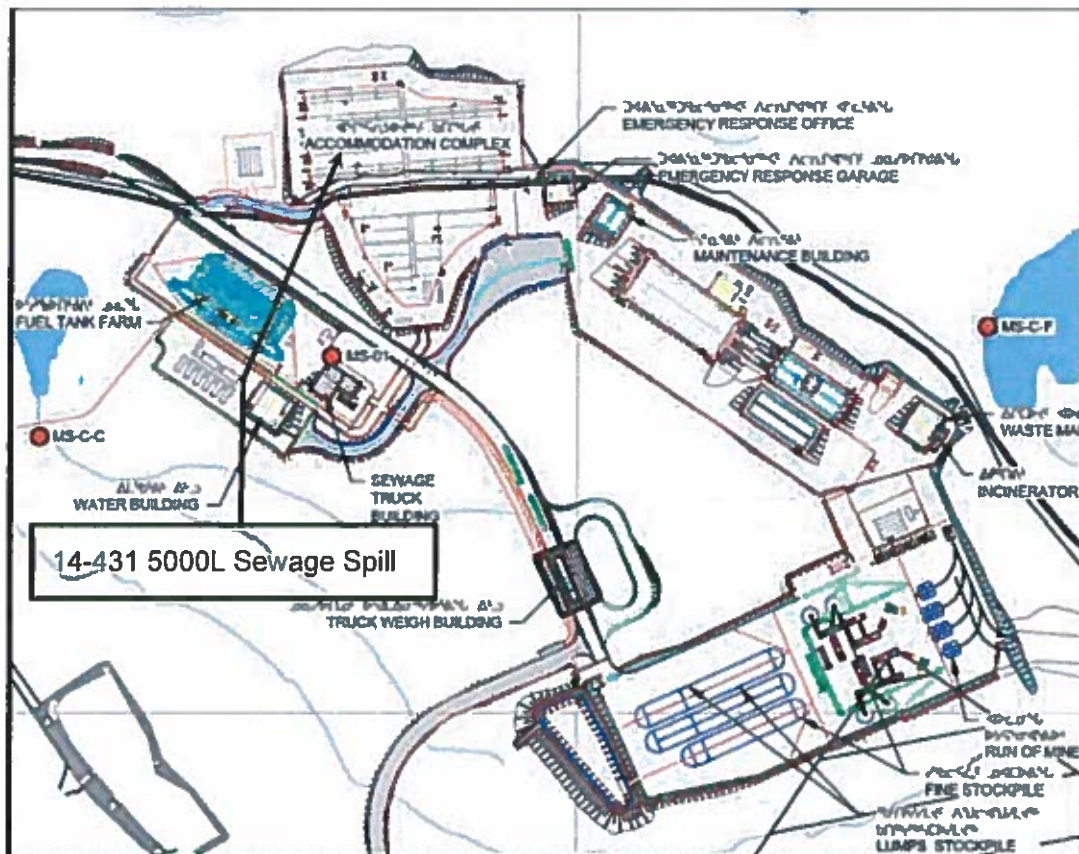
Attach: Photos, Map, NT-NU Spill Report

cc. Michael Anderson, Erik Madsen, Jim Millard, Trevor Myers, Nicolas Kuzyk, Lea Willemse (Baffinland), Erik Allain, (AANDC), Manager of Licencing (NWB)





Photo 3 – Sewage being pumped out of lift station box



Map of Spill Location



Canada

NT-NU SPILL REPORT

OIL, GAS/LINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE
TEL: (867) 820-8150
FAX: (867) 873-6824
EMAIL: spillstg@nt.ca

REPORT LINE USE ONLY

A	REPORT DATE MONTH DAY YEAR 12-02-2014	REPORT TIME 13:30	<input checked="" type="checkbox"/> ORIGINAL SPILL REPORT OR <input type="checkbox"/> UPDATE TO THE ORIGINAL SPILL REPORT	REPORT NUMBER 14 431
B	OCCURRENCE DATE MONTH DAY YEAR 12-01-2014	OCCURRENCE TIME unknown		
C	LAND USE PERMIT NUMBER (IF APPLICABLE) LOL - Commercial Lease: Q13C301	WATER LICENSE NUMBER (IF APPLICABLE) 2AM-MRY1325 Type "A"		
D	OCCURRENCE PLACE NAME OR DISTANCE AND DIRECTION FROM NAME(S) LOCATION Mary River Mine Site, Baffin Island, NU		WATER BODY LIJAKUT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E	LATITUDE DEGREES 71 MINUTES 18 SECONDS 54		LONGITUDE DEGREES 79 MINUTES 17 SECONDS 04	
F	RESPONSIBLE PARTY OR VESSEL NAME Baffinland Iron Mines Corp.	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION 2275 Middle Road East, Suite 300, Oakville, ON L6H 0C3		
G	ANY CONTRACTOR INVOLVED N/A	CONTRACTOR ADDRESS OR OFFICE LOCATION N/A		
H	PRODUCT SPILLED Sewage - Untreated	QUANTITY LITRES, KILOGRAMS OR CUBIC METRES Approx. 5000 L	WATER NUMBER N/A	
	SECOND PRODUCT SPILLED (IF APPLICABLE) N/A	QUANTITY LITRES, KILOGRAMS OR CUBIC METRES N/A	WATER NUMBER N/A	
I	SPILL SOURCE Sewage lift station tank	SPILL CAUSE Piping/tank failure at lift station	AREA OF CONTAMINATION IN SQUARE METRES Approx. 100 sq. m	
J	FACTORS AFFECTING SPILL OR RECOVERY Frozen ground conditions	REQUIRE ANY ASSISTANCE REQUIRED Vacuum truck for clean up	HAZARDOUS TO PERSONS, PROPERTY OR EQUIPMENT N/A	

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

K On Monday, December 1, 2014, the water treatment operator reported that the MBR had a large quantity of sewage that was unaccounted for. Site Services investigated and found that sewage had been released from the AF wing lift station at the MSC. The surrounding snow and ice covered ground appeared to be slightly impacted, however upon further investigation it was discovered that the majority of the sewage had migrated underneath the AG wing and froze, making the spill volume and area of contamination hard to determine. It is conservatively estimated that roughly 5000 litres of sewage was released to the receiving environment. The pumps were immediately shut off upon discovery and the lift station tank and housing unit were pumped out with a vacuum truck. The closest water body is > 100 m away and is presently frozen. The exact cause of the leak is still unknown and the investigation is presently ongoing. Further details of the incident will be provided in the follow up report.

L	REPORTED TO SPILL BY Trevor Myers	POSITION Env. Superintendent	EMPLOYER Baffinland	LOCATION CALLED FROM Mine Site	TELEPHONE 847-253-0596
M	ANY ALTERNATE CONTACT Jim Millard	POSITION Env. Manager	EMPLOYER Baffinland	ALTERNATE CONTACT LOCATION Off Site	ALTERNATE TELEPHONE 902-403-1337

REPORT LINE USE ONLY				
N	REPORTED TO SPILL BY STATION OPERATOR	POSITION STATION OPERATOR	EMPLOYER YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 820 8150
<p>IF AGENCY THE FOLLOWING FOR THE FIRST RESPONSE TIME SIGNATURE: TWENTY FIVE MINUTES</p> <p>IF AGENCY THE FOLLOWING FOR THE SECOND RESPONSE TIME SIGNATURE: TWENTY FIVE MINUTES</p> <p>IF AGENCY THE FOLLOWING FOR THE THIRD RESPONSE TIME SIGNATURE: TWENTY FIVE MINUTES</p>				
AGENCY	CONTACT NAME	CONTACT INFO	REMARKS	
LEAD AGENCY				
FIRST SUPPORT AGENCY				
SECOND SUPPORT AGENCY				
THIRD SUPPORT AGENCY				



January 9th, 2015

Resource Management Officer
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Manager, Major Projects
Qikiqtani Inuit Association
P.O. Box 219
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swbathory@qia.ca

Re: Follow-up to Spill 14-442 Reported on December 10th, 2014
Mary River Project - Water Licence No. 2AM-MRY1325

Summary:

On December 10 2014 at 4:30am, a worker detected a leak at the PSC main sewer line main. He immediately called the housing maintainer who shut off the pump at the main lift station and the vacuum truck mobilized to pump sewage out of the main lift station. It was conservatively estimated that the volume of the spill was 3 m³, based on an area of contamination of approximately 100 square metres. The sewage froze in place and did not migrate further. The closest water body, Milne Inlet, is more than 350 m away and is presently frozen. There was no risk to the water body from the spilled frozen sewage.

Immediate and Follow-Up Action:

The line was isolated, and a permanent pipe section was installed to repair the joint. An excavator was mobilized to scrape up the frozen sewage to the extent that access allowed. The frozen sewage was disposed of in the polishing waste stabilizing pond.

Recommendations:

Extreme temperature changes caused the piping to expand and contract promotes leaks and pipe failure. Ongoing routine inspection of the piping systems are required to inspect for leaks and potential locations of failure. A longer term plan to solve this issue is in development.

Current Status:

The system is back in service and regular inspections are conducted on the sewage lift station and sewer lines to verify there is no leakage throughout.

Should you require further information or clarification on the above noted spill, please feel free to contact Jim Millard at (902) 403-1337 or the undersigned at (647) 253-0596 x6010.

Sincerely,

A handwritten signature in blue ink, appearing to read "Allan Knight".

Allan Knight, B.Sc.
Environmental Coordinator

Attach: Photos, Map, NT-NU Spill Report

cc. Michael Anderson, Erik Madsen, Jim Millard, Trevor Myers, Nicolas Kuzyk, Lea Willemse (Baffinland), Erik Allain (AANDC), Manager of Licencing (NWB).



Figure 1. Sewage spill before cleanup

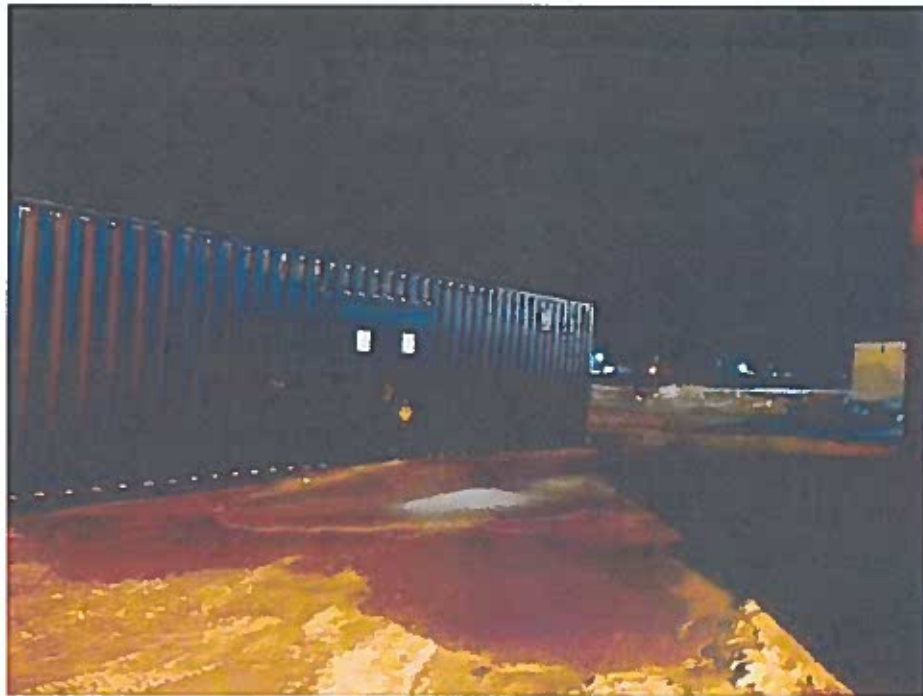


Figure 2. Sewage spill before cleanup



Figure 3. Sewage spill after cleanup



Figure 4. Repaired Joint

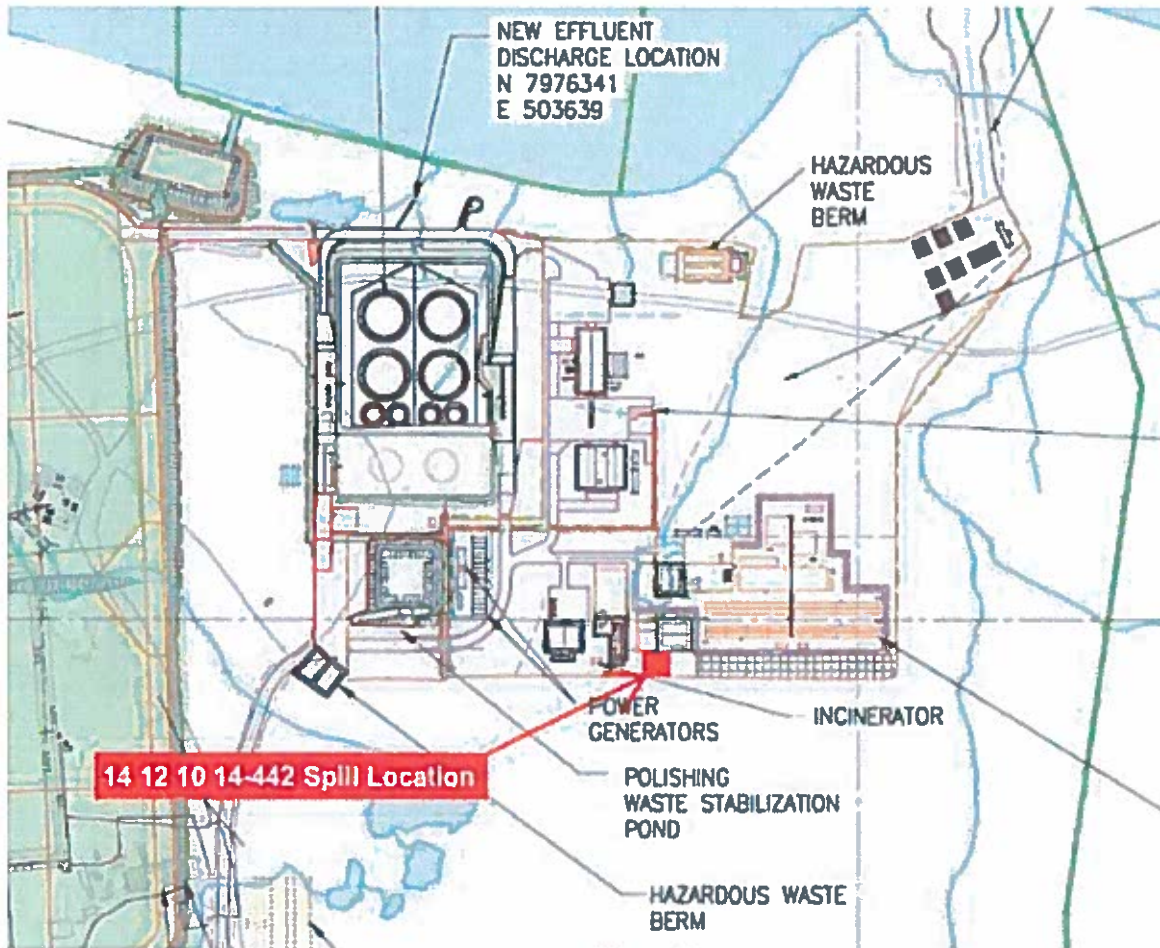


Figure 5. Spill Location



NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (857) 620-8150

FAX: (857) 673-6624

EMAIL: spills@baffinland.ca

REPORT LINE USE ONLY

A	REPORT DATE (MONTH / DAY / YEAR) 12-10-2014	REPORT TIME 4:30	<input type="checkbox"/> ORIGINAL SPILL REPORT <input type="checkbox"/> UPDATE A TO THE ORIGINAL SPILL REPORT	REPORT NUMBER 14 - 442
B	OCCURRENCE DATE (MONTH / DAY / YEAR) 12-10-2014	OCCURRENCE TIME Unknown		
C	LAND USE PERMIT NUMBER (IF APPLICABLE) LOL - Commercial Lease No.: Q13C301	WATER LICENSE NUMBER (IF APPLICABLE) 2AM-MRY1325 Type "A"		
D	GEOGRAPHIC PLACE NAME OR REFERENCE AND DIRECTION FROM NAME TO LOCATION Mary River Project Milne Port Site, Baffin Island, NU		REGION <input type="checkbox"/> LITWIN <input checked="" type="checkbox"/> NUMAVUT <input type="checkbox"/> CHAMAGNET JURISDICTION ON OCEAN	
E	LATITUDE DEGREES 71 MINUTES 53 SECONDS		LONGITUDE DEGREES 80 MINUTES 53 SECONDS 10	
F	RESPONSIBLE PARTY ON VESSEL NAME Baffinland Iron Mines Corp.		RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION 2276 Middle Road East, Suite 300, Oakville, ON L6H 0C3	
G	ANY CONTRACTOR INFORMATION NA		CONTRACTOR ADDRESS OR OFFICE LOCATION NA	
H	PRODUCT SPILLED Sewage		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES 2 to 3 m3	UN NUMBER NA
	SECOND PRODUCT SPILLED (IF APPLICABLE) NA		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES NA	UN NUMBER NA
I	SPILL SOURCE Sewer Line		SPILL CAUSE Line Failure	AREA OF CONTAMINATION IN SQUARE METRES 100 m2
J	FACTORS AFFECTING SPILL OR RECOVERY Blizzard		DESCRIBE ANY ASSISTANCE REQUIRED Excavator	HAZARDOUS PERSONS, PROPERTY OR ENVIRONMENT

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

On December 10 2014 at 4:30am, a worker detected a leak at the PSC main sewer line main. He immediately called the housing maintainer who shut off the pump at the main lift station and had the vacuum truck mobilized to pump sewage out of the main lift station if needed. The line is currently being isolated, and a permanent coupling will be installed to repair the pipe. A preliminary estimate of the volume of the spill appears to be two to three cubic metres, based on an area of contamination of approximately 100 square metres. The sewage has frozen in place and is not migrating. The closest water body, Milne Inlet, is more than 350 m away and is presently frozen. There is presently no risk to the water body from the spilled frozen sewage. An excavator is being mobilized to scrape up the frozen sewage to the extent that access allows. The frozen sewage will be disposed of in the PWSP (sewage effluent pond). Further details of the incident and its cause will be provided in the spill follow up report.

L	REPORTED TO SPILL LINE BY Allan Knight	POSITION Env. Coordinator	EMPLOYER Baffinland	LOCATION ON LING FROM Mine Site	TELEPHONE 847-253-0596
M	ANY ALTERNATE CONTACT Jim Millard	POSITION Env. Manager	EMPLOYER Baffinland	ALTERNATE CONTACT Off Site	ALTERNATE TELEPHONE 902-403-1337

REPORT LINE USE ONLY				
N	REPORTED TO SPILL LINE BY STATION OPERATOR	POSITION STATION OPERATOR	EMPLOYER YELLOWKNIFE, NT	REPORT LINE NUMBER (857) 620-8150
LEAD AGENCY (IF GOVERNMENT) OR LEAD AGENCY (IF PRIVATE)		SIGNIFICANCE (MINOR / MAJOR / UNKNOWN)		FILE STATUS (OPEN / CLOSED)
AGENCY	CONTACT NAME	CONTACT TIME	REMARKS	
LEAD AGENCY				
FIRST SUPPORT AGENCY				
SECOND SUPPORT AGENCY				
THIRD SUPPORT AGENCY				

