



Submission Date: May 5, 2014

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

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

Summary:

On Monday April 7, 2014, at approx. 06:30 HRS, ice and discoloured snow were observed under the sewage return line from one wing of the accommodations building. The situation was immediately reported and the Environmental Superintendent together with Site Services Department investigated and discovered that one or more joints on a section of the sewage return line had failed and were leaking. The sewage line was immediately taken out of commission for repairs. The leakage was not immediately detected due to the location of the line which is underneath the building as well as the snow cover on the ground. Estimates of the volume of sewage spilled were between 2 and 3 m³, based on the estimated impacted area of approximately 50 m². Cleanup of the sewage is not possible at the present time due to the inaccessibility of the location. The spill poses no immediate environmental or health risk.

Immediate and Follow-Up Action:

Camp Maintenance crew located the leak and identified that it is a poor installation joint. Site services cleared out as much of the snow and ice as practical due to the location, investigated and repaired the joint.

Recommendations:

All sewage lines are in progress of being investigated. Agricultural lime will be ordered and applied to the area during thaw to control odours and pathogens. The run-off water quality from the camp pad will be monitored, particularly during freshet, at Water Licence Monitoring locations.

Should you require further information or clarification on the above noted spill, please feel free to contact the undersigned at (647) 253-0596 Ext.6010 or Jim Millard, Environmental Manager, at (902) 403-1337.

Sincerely,

A handwritten signature in black ink, appearing to read "Allan Knight", is written over a light blue horizontal line.

Allan Knight, B.Sc.
Environmental Coordinator

Attach: NT-NU SPILL REPORT

cc. Jim Millard, Trevor Myers, Erik Madsen, Baffinland.
Erik Allain, AANDC, Manager of Licensing (NWB)



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 04-07-2014	REPORT TIME 22:00 HRS	<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 04-07-2014	OCCURRENCE TIME 06:30 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 Milne Port, Baffin Island		REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN		
E	LATITUDE DEGREES 71 MINUTES 53 SECONDS 2		LONGITUDE DEGREES 80 MINUTES 53 SECONDS 8		
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 1 to 3 m3	U.N. NUMBER		
	SECOND PRODUCT SPILLED (IF APPLICABLE) N/A	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES N/A	U.N. NUMBER N/A		
I	SPILL SOURCE Accommodations Sewage Line	SPILL CAUSE Line Failure	AREA OF CONTAMINATION IN SQUARE METRES Approx. 50 Sq. Metres		
J	FACTORS AFFECTING SPILL OR RECOVERY Product under building	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 April 7, 2014, at approx. 06:30 HRS, ice and discoloured snow were observed under the sewage return line from one wing of the accommodations building. The situation was immediately reported and the Environmental Superintendent together with Site Services Department investigated and discovered that one or more joints on a section of the sewage return line had failed and were leaking. The sewage line was immediately taken out of commission for repairs. The leakage was not immediately detected due to the location of the line which is underneath the building as well as the snow cover on the ground. Estimates of the volume of sewage spilled were between 2 and 3 m3, based on the estimated impacted area of approximately 50 m2. Cleanup of the sewage is not possible at the present time due to the inaccessibility of the location. The spill poses no immediate environmental or health risk. 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	TELEPHONE (647)253-0596
M	ANY ALTERNATE CONTACT Trevor Myers	POSITION Env. Superintendent	EMPLOYER Baffinland Iron Mine	ALTERNATE CONTACT Mine Site	ALTERNATE TELEPHONE (647)253-0596
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					

Figure 1: Location of Sewage Spill at MPC April 7, 2014

