

Submission Date: May 25, 2014

Resource Management Officer
Nunavut Field Operations
Aboriginal Affairs and Northern Development Canada
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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 25th, 2014
Mary River Project - Water Licence No. 2AM-MRY1325

Summary:

At 7:00 AM on April 25, 2014 it was discovered that raw sewage had pooled between two wings of the Mary River Mine Site accommodations building. The spill was reported immediately and was investigated by the onsite Environmental Coordinator and Accommodations Superintendent. Upon inspecting the area it was discovered that one or more joints of the lift station discharge line that runs under the wing had separated. The affected sewage line was locked out and repaired shortly after. The sewage spill spread from the separated pipe under the accommodation wing and pooled on the north side of the wing. Estimates of the volume released were between 1 and 2 m³, based on the estimated impact area of 15 m². Cleanup of the sewage under the building is not possible at the present time due to the inaccessibility of the location. The spill poses no immediate environmental or health risk. The distance to the closest water body is > 75 m.

Immediate and Follow-Up Action:

The Camp Maintenance crew reported the spill immediately to the Environment Department and locked out the affected sewage discharge line. Site services removed as much of the snow and ice as practical due to the location investigated and repaired the joint. The spill was attributed to poor installation of the sewage line joints.

Recommendations:

All sewage lines are in progress of being investigated. Agricultural lime will be ordered and applied to the area during thaw to control any 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,



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

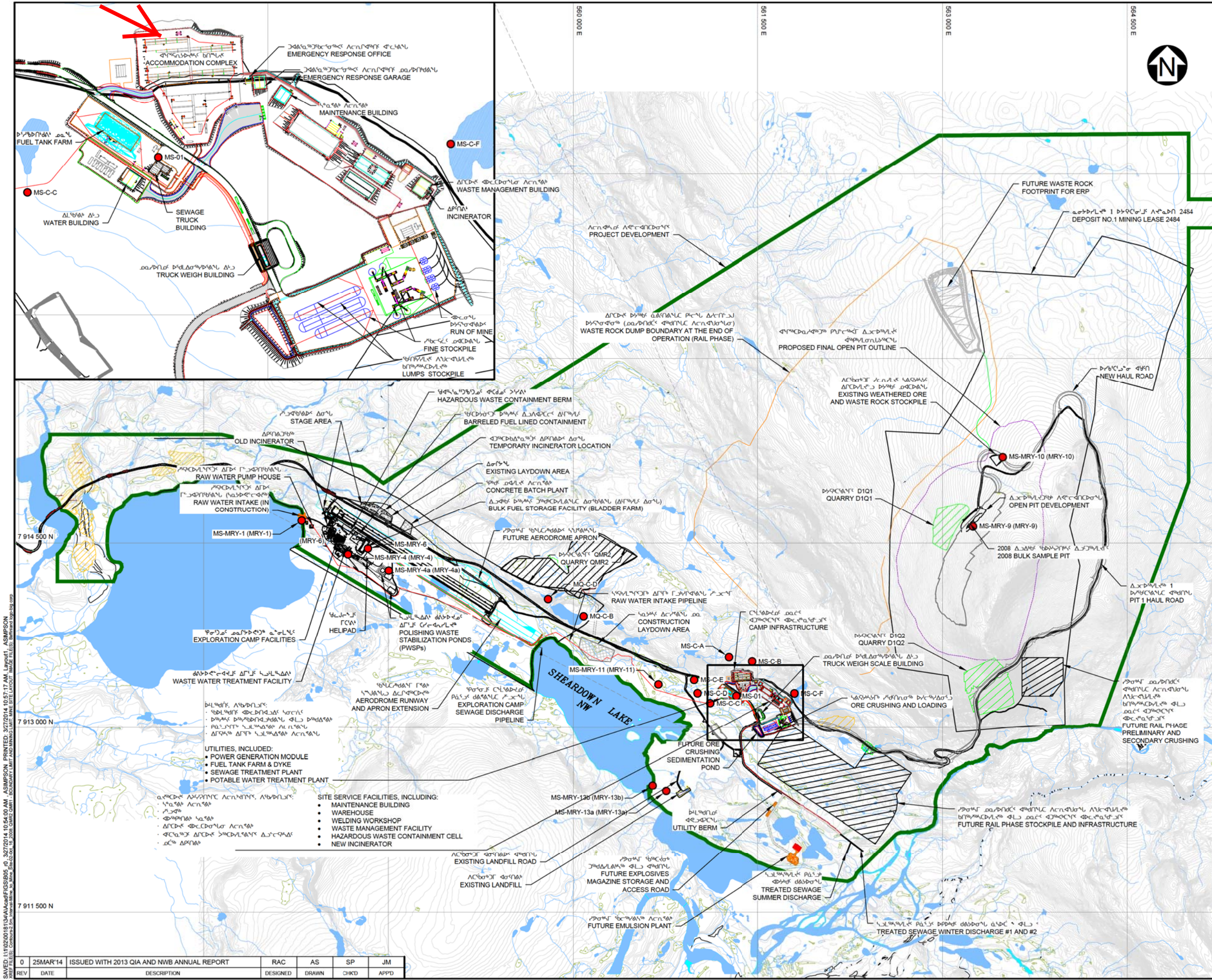
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR		REPORT TIME		<input type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER _____
	OCCURRENCE DATE: MONTH – DAY – YEAR		OCCURRENCE TIME			
C	LAND USE PERMIT NUMBER (IF APPLICABLE)			WATER LICENCE NUMBER (IF APPLICABLE)		
	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION				REGION <input type="checkbox"/> NWT <input type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E	LATITUDE			LONGITUDE		
	DEGREES	MINUTES	SECONDS	DEGREES	MINUTES	SECONDS
F	RESPONSIBLE PARTY OR VESSEL NAME		RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION			
	ANY CONTRACTOR INVOLVED		CONTRACTOR ADDRESS OR OFFICE LOCATION			
H	PRODUCT SPILLED		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES		U.N. NUMBER	
	SECOND PRODUCT SPILLED (IF APPLICABLE)		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES		U.N. NUMBER	
I	SPILL SOURCE		SPILL CAUSE		AREA OF CONTAMINATION IN SQUARE METRES	
	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					
L	REPORTED TO SPILL LINE BY	POSITION	EMPLOYER	LOCATION CALLING FROM	TELEPHONE	
	ANY ALTERNATE CONTACT	POSITION	EMPLOYER	ALTERNATE CONTACT LOCATION	ALTERNATE TELEPHONE	

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION	EMPLOYER	LOCATION CALLED	REPORT LINE NUMBER
		STATION OPERATOR		YELLOWKNIFE, NT	(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					



The red arrow denotes the actual spill location of 14 04 25 MSC AB Wing Sewage Spill

LEGEND:

- Water
- Laydown Area (Construction Phase)
- Borrow Areas (2013 Under Q10C3001)
- Quarry Area (Existing Under Q13C301)
- River/Stream/Drainage
- Road
- Project Development Area
- Raw Water Intake Pipeline
- Water Licence Water Quality Monitoring Location

NOTES:

- COORDINATE GRID IS UTM NAD83 ZONE 17N.
- TOPOGRAPHY PROVIDED BY EAGLE MAPPING (2005).
- PLAN BASED ON INFORMATION PROVIDED BY HATCH, DATED (JAN 31, 2014).
- CONTOUR INTERVAL IS 2.5 METRES.
- ALL SAMPLE ID'S SHOWN IN BRACKETS REPRESENT THE TYPE B WATER LICENCE(S) MONITORING POINTS. ALL OTHERS ARE MONITORING POINTS AS PER THE TYPE A WATER LICENCE (2AM-MRY1325).

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SCALE: 300 150 0 500 1000 1500 m

Baffinland

MARY RIVER PROJECT

MINE SITE LAYOUT AND WATER LICENCE MONITORING LOCATIONS

Knight Piésold CONSULTING

FIGURE 1.5

0 25MAR'14 ISSUED WITH 2013 QIA AND NWB ANNUAL REPORT RAC AS SP JM
REV DATE DESCRIPTION DESIGNED DRAWN CHKD APPD