



Submission Date: June 4th, 2014

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Re: Follow-up to Spill 14-137 Reported on May 6th, 2014
Mary River Project - Water Licence No. 2AM-MRY1325

Summary:

At approximately 20:40 HRS on May 5, 2014 a leak was detected at the main lift station of the Milne Port Complex. It appeared that a previously repaired breach in the tank failed again. An estimated 200 litres was discharged to the adjacent land surface, with an approximate impacted area of 8 square metres.

Immediate and Follow-Up Action:

Personnel immediately started the manual pump to the Sewage Treatment Plant and acquired vacuum truck services to empty the tank. The high float switch was lowered below the breach to prevent further leakage. Additionally, the tank will be monitored periodically until it can be fully inspected and repaired to ensure no further leakage. Frozen ground conditions have limited the depth of soil contamination to just the surface. The contaminated snow and untreated sewage effluent were transferred to the Milne Exploration Phase Sewage PWSP (MP-MRY-04a).

Recommendations:

This being the second incident related to the breach in the tank, the recommendation is to replace the tank with a new one.

Current Status:

Currently, we are looking into purchasing a new tank.

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

Sincerely,

A handwritten signature in black ink, appearing to read "J. Millard", is written over a horizontal line.

James Millard, M.Sc., P.Geo.
Environmental Manager

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. Snow Melt on Surface



Figure 2. Sewage leak from Main Lift Station

MILNE INLET

SEALIFT BARGE
LANDING AREA

RAMP TO BEACH

KEYPLAN

EXISTING HTO CABIN

ORE DOCK
(WHEN ERP
APPROVED)EFFLUENT DISCHARGE TO
RECEIVING ENVIRONMENT
N 7976482
E 503211

FUEL TANK FARM

NEW EFFLUENT
DISCHARGE LOCATION
N 7976341
E 503639HAZARDOUS
WASTE BERM

LAYDOWN AREA

FUTURE SETTLING
POND (WHEN ERP
APPROVED)

LAYDOWN AREA

LAYDOWN EARTHWORKS
CONTRACTOR YARDORE STOCK PILE
(WHEN ERP
APPROVED)POLISHING WASTE
STABILIZATION PONDFUTURE PROPOSED
AIR STRIPLINED STORAGE
AREA

AIRSTRIP

POWER GENERATORS

POLISHING WASTE
STABILIZATION PONDHAZARDOUS WASTE
BERM

14 05 09 Sewage spill at MPC

MATRIX CAMP

EXISTING TRAILER
CAMPOLD SEWAGE
TREATMENT PLANT

LAND FARM

SERVICES AREA PAD
SITE FACILITIES, INCLUDING:

- MAINTENANCE/WAREHOUSE BUILDING
- OILY WATER TREATMENT PLANT
- WELDING SHOP BUILDING
- WORKSHOP OFFICE BUILDING

CAMP INFRASTRUCTURE PAD
SITE FACILITIES, INCLUDING:

- ACCOMMODATION COMPLEX
- EMERGENCY RESPONSE OFFICE
- EMERGENCY RESPONSE GARAGE
- SEWAGE TREATMENT PLANT
- POTABLE WATER TREATMENT PLANT
- WASTE MANAGEMENT FACILITY

PROJECT DEVELOPMENT
AREAROCK QUARRY NO.1
BOUNDARYPOTABLE
WATER SUPPLYCONCRETE BATCH
PLANT, CRUSHER
AND STOCKPILE

TOTE ROAD

BORROW SOURCE NO.1

EXTENT OF
QUARRY Q1PERMITTED OPEN
BURN PIT AREA

BORROW PITS









BORROW PITS

NOTES:

1. TOPOGRAPHY PROVIDED BY TERRAPONT CANADA INC.
2. COORDINATE GRID IS SHOWN IN UTM (NAD83) ZONE 17 AND IS IN METRES.
3. CONTOURS ARE IN METRES. CONTOUR INTERVAL IS 1.5 METRES.
4. AS-CONSTRUCTED INFORMATION PROVIDED BY GENIVAR IN 2008.

0 50 100 150 200 250
SCALE IN METRES

LEGEND:

	WATER		EARLY REVENUE PHASE(ERP) WORK SUBJECT TO REGULATORY APPROVAL		RIVER/STREAM/DRAINAGE
	PROPOSED QUARRY		EXISTING BORROW AREA (OLD COMMERCIAL LEASE)		PROJECT DEVELOPMENT AREA
	LAYDOWN AREA (CONSTRUCTION PHASE)		EXISTING ROCK QUARRY (OLD COMMERCIAL LEASE)		BAFFINLAND'S COMMERCIAL LEASE ON INUIT OWNED LAND
			ROAD		

Baffinland

MARY RIVER PROJECT

MILNE PORT

SITE LAYOUT

SCALE
1:5000
OR AS NOTEDDWG. NO.
H349000-2000-00-015-0002REV.
B



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 _____-_____
	B OCCURRENCE DATE: MONTH – DAY – YEAR		B OCCURRENCE TIME			
C	LAND USE PERMIT NUMBER (IF APPLICABLE)			WATER LICENCE NUMBER (IF APPLICABLE)		
D	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			
G	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	
J	FACTORS AFFECTING SPILL OR RECOVERY		DESCRIBE ANY ASSISTANCE REQUIRED		HAZARDS TO PERSONS, PROPERTY OR ENVIRONMENT	
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	
M	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					