

Submission Date: Nov 11, 2013

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Manager, Major Projects
Qikiqtani Inuit Association
P.O. Box 219
Iqaluit, NU X0A 0H0
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Re: Follow-up to Spill Reported on Oct 30th, 2013
Mary River Project - Water Licence No. 2AM-MRY1325

Summary:

On October 29th, 2013, at approximately 0005h, a leak of untreated sewage effluent was detected at the main lift station of the newly constructed accommodations facility at the Milne Port location. The breach was located about 12" from the top of the enclosed tank and was approximately four inches in diameter.

Immediate and Follow-Up Action:

Personnel immediately acquired vacuum truck services to empty the tank. The primary lift station and the dorm lift stations were also cleaned out to ensure no further issues occurred throughout the night. The tank is being monitored regularly until it can be thoroughly inspected and repaired to ensure no further leakage. Approximately 500 litres was discharged to the adjacent land surface, with an approximate impacted area of 10 square meters. Frozen ground conditions limited the depth of soil contamination. The contaminated snow and untreated sewage effluent were transferred to the Milne Exploration Phase Sewage PWSP (MP-MRY-04a).

Recommendations:

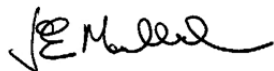
The cause of the breach is unknown, however, when the level of the tank reached the area of the hole, part of the tank "popped" out. The hole was securely, although temporarily, covered and will be repaired properly when fiberglass materials are delivered to site.

Current Status:

Currently, we are awaiting hardener for the fiberglass repair.

Should you require further information or clarification on the above noted spill, please feel free to contact on Allan Knight or Trevor Myers at (647) 693-9447 or the undersigned at (902) 403-1337.

Sincerely,



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

Attach: NT-NU SPILL REPORT
Photos

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

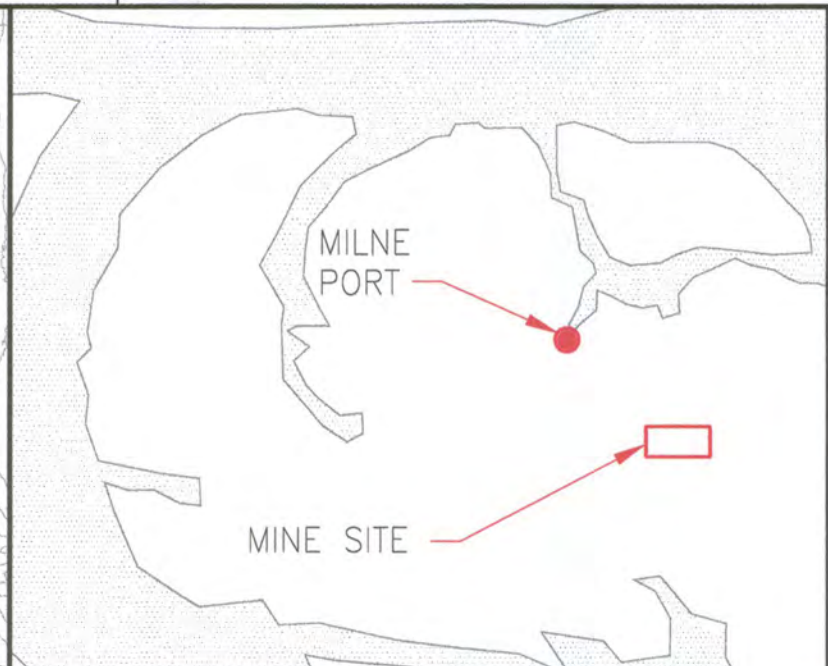
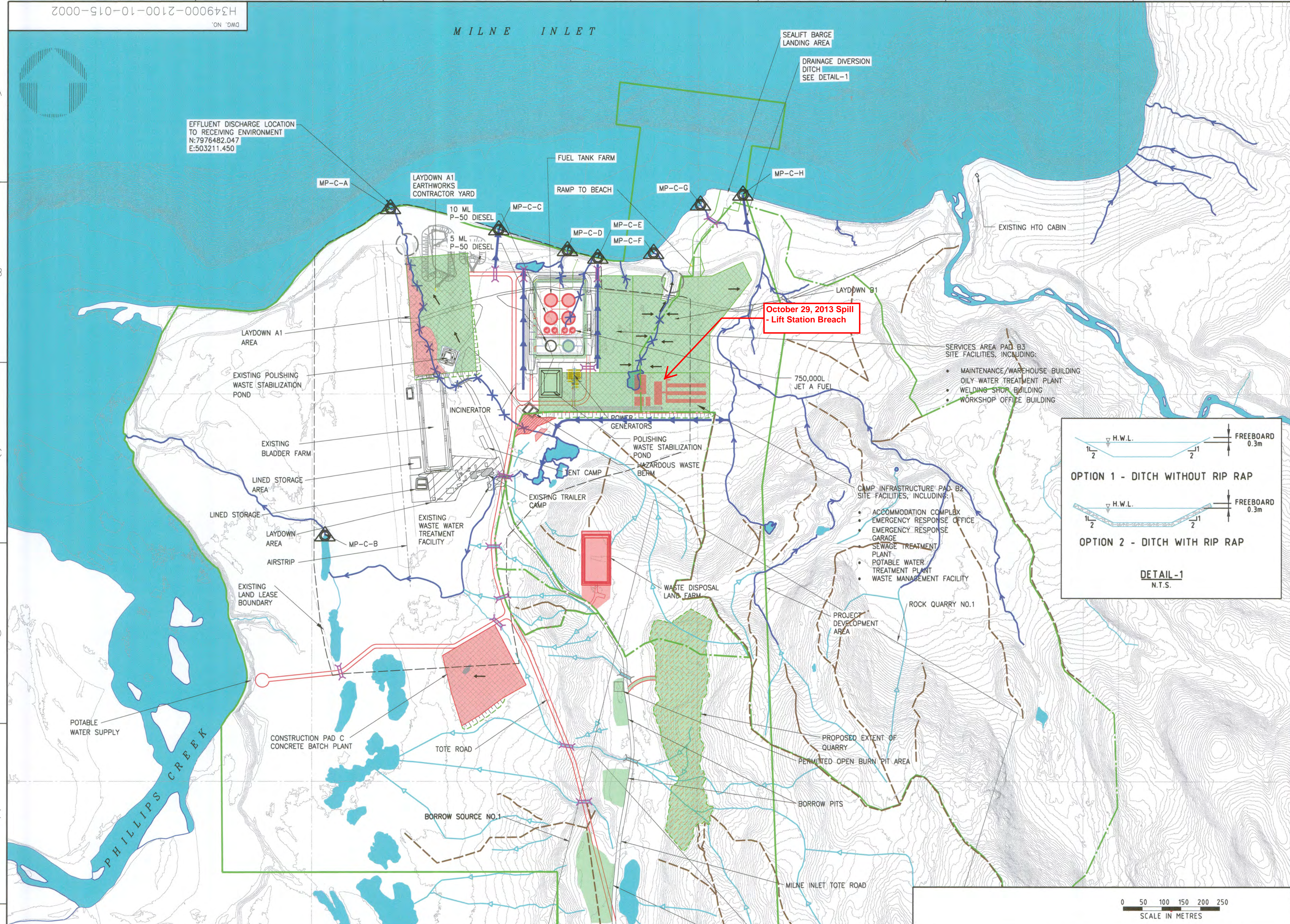
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

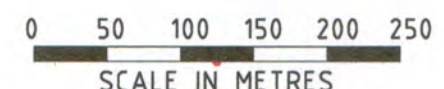
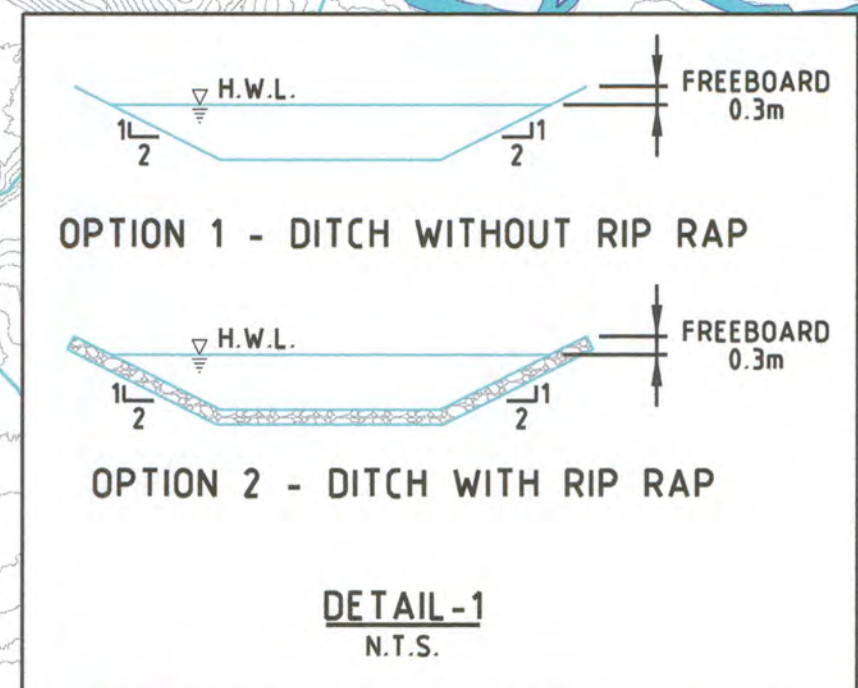
A	REPORT DATE: MONTH – DAY – YEAR		REPORT TIME		<input type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER _____
	OCCURRENCE DATE: MONTH – DAY – YEAR		OCCURRENCE TIME			
C	LAND USE PERMIT NUMBER (IF APPLICABLE)			WATER LICENCE NUMBER (IF APPLICABLE)		
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 DEGREES MINUTES SECONDS			LONGITUDE 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					



- LEGEND**
- WATER
 - PROPOSED QUARRY
 - LAYDOWN AREA (CONSTRUCTION PHASE)
 - ADVANCED EXPLORATION UNDER EXISTING TYPE 'B' WATER LICENSE
 - EARLY WORKS (MAY TO JULY 2013) UNDER NEW TYPE 'B' WATER LICENSE (IN PROCESS)
 - CONSTRUCTION PHASE UNDER FUTURE TYPE 'A' WATER LICENSE (JULY TO DECEMBER 2013)
 - POTENTIAL DEVELOPMENT AREA
 - BAFFINLAND'S COMMERCIAL LEASE ON INUIT OWNED LAND
 - EXISTING DRAINAGE
 - EXISTING DRAINAGE (TO BE DIVERTED)
 - SURFACE DRAINAGE DIVERSION
 - INTERNAL SURFACE DRAINAGE
 - OVERLAND FLOW PATH
 - RIDGE LINE (HIGH POINT)
 - CATCHMENT AREA
 - PROPOSED CULVERT
 - EXISTING CULVERT (LOCATION APPROXIMATE)
 - PROPOSED ROAD
 - EXISTING ROAD
 - WATER QUALITY MONITORING LOCATION (MP-C-)
 - H.W.L. HIGH WATER LEVEL
 - WATER DIVERSION BERM
 - WATER DIVERSION DAM
 - RAISED ELEVATION FOR WATER DIVERSION
 - POTENTIAL SEDIMENTATION POND LOCATION (IF REQUIRED)
- NOTES:**
- TOPOGRAPHY PROVIDED BY TERRAPOINT CANADA INC.
 - COORDINATE GRID IS SHOWN IN UTM (NAD 83) ZONE 17 AND IS IN METRES
 - CONTOURS ARE IN METRES. CONTOUR INTERVAL IS 1.5 METRES.
 - AS-CONSTRUCTED INFORMATION PROVIDED BY GENIVAR IN 2008.



DRAWING NO.	DRAWING TITLE
1	REFERENCE DRAWINGS

NO.	DESCRIPTION	BY	CHK'D	APP'D	DATE
1	REVISIONS				



REV.	FOR PERMITTING	SH	MM	DATE
1	ISSUE FOR			2013-03-28

PROJ. MGR.	DATE
S. PERRY	2013-03-28

MARY RIVER PROJECT

MILNE PORT
SITE LAYOUT
DRAINAGE PLAN

DWG. NO.
H349000-2100-10-015-0002

SCALE
1:5000
OR AS NOTED

REV.
A

cc:\proj\projectwise\mcd04322\drms\4794\h349000-2100-10-015-0p02.dgn
28/03/2013 11:46:21 AM
mcd04322



13 10 29 – Sewage Spill Behind Lift Station



13 10 29 Sewage Spill Under Camp



13 10 29 Tank Breach

October 29th Lift Station Sewage Spill Cleanup

