



Submission Date: May 12, 2014

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**Re: Follow-up to Sewage Spill Reported on April 17, 2014**  
**Mary River Project - Water Licence No. 2AM-MRY1325**

**Summary:**

On April 17, 2014, at 6:00 hrs, the wastewater treatment plant (WWTP) operator discovered sewage leaking out of the Mine Site WWTP. The WWTP alarm indicator was solid green, indicating that no faults had occurred. When the operator attempted to reset the main PLC, there was no power at the uninterrupted power source (UPS). The operator switched the UPS to a GCFI outlet, restored power to the PLC, cleared alarms, and returned the plant to partial operation. It was estimated that 500 L of sewage had spilled onto the ground around the WWTP.

**Immediate and Follow-Up Action:**

The operator contacted her Supervisor who in turn coordinated an electrician and the sewage truck operator to respond to the scene. The sewage truck operator was stationed at the main lift station in order to monitor its level and prevent additional spills from occurring until the WWTP was fully operational.

**Recommendations:**

Upon further investigation the cause of the power loss was due to a loose connection involving the outlet that the UPS was plugged into. The loose connection was repaired shortly after the incident. The power supply to PLC will be inspected more regularly to ensure a similar incident does not occur.

**Current Status:**

The Mine Site WWTP is currently fully operational and has had no power supply incidents in the last 14 days.

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.

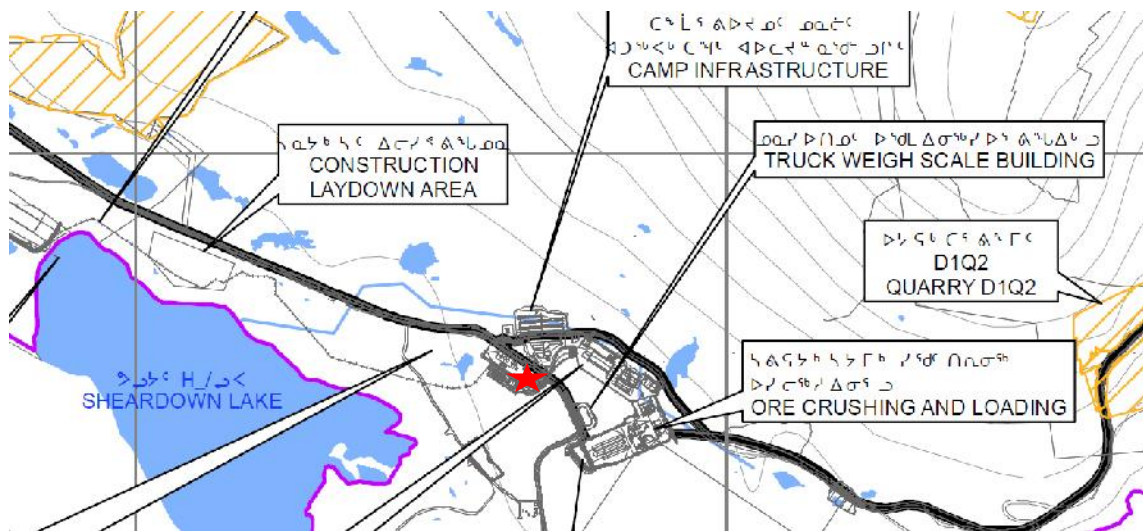
Sincerely,

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

James Millard, M.Sc., P.Geo  
Senior Environmental Superintendent

Attach NT-NU Spill Report, Location Map and  
Photos

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



**Figure 1 – Spill Location (N 71° 18' 47" W 79° 17' 04") shown as red star**



**Figure 2 – Spill before Cleanup**



**Figure 3 – Spill Cleanup**



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	<b>REPORT NUMBER</b> _____
	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					