

Submission Date: August 20, 2014

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Re: Follow-up to Spill 14-297 Reported on August 12th, 2014
Mary River Project - Water Licence No. 2AM-MRY1325

Summary:

On August 11 2014 at 12:00, a boom truck was travelling south bound on the tote road between km 20 and 21 when the hydraulic tank mounted underneath the bed and in-front of the left rear tandem axle detached and fell from the truck. The hydraulic tank was also struck by the left rear wheels of the truck causing damage to the truck and came to rest on its side in the center of the Tote Road. Approximately 260 liters of hydraulic oil was spilled onto the roadway over approximately 0.4 km in an area of 40 m². Neither the water body nor the natural environment were impacted by product.

Photos of the release on August 11th, as well as following recovery and remedial efforts are attached. A map identifying the location of the impacted area is also attached.

Immediate and Follow-Up Action:

The boom truck was part of a larger crew, some of which immediately initiated the cleanup and others headed north towards Milne Port to report the incident ASAP. Boom Truck operator immediately pulled vehicle to the East Side of the Tote Road and shut the vehicle ignition off. The operator and the passenger quickly assessed the situation and obtained a shovel to create earthen berms in order to contain as much of the spill as possible to prevent any of the hydraulic oil from entering into the nearby waterway. Operator and passenger tipped the hydraulic tank spout-up in order to prevent the remaining contents from being released to the environment and moved it to the side of the road. Workers were stationed at both ends of the incident scene to stop any traffic that might be approaching the spill area from either direction. Spill cleanup was initiated approximately 2 hours after the incident, time for a loader and haul truck to arrive to scene. The finish of cleanup was completed August 13th in the morning. Contaminated soil was brought to the landfarm and absorbent pads were put in Quatrex bag which was disposed of in Hazardous waste lined containment.

Recommendations:

Road surface maintenance is an ongoing task by BIM. Additional and regular attention to rough areas has been recommended to the Material Handling department as this is a likely contributing factor in this incident.

It has also been recommended that the Maintenance department add regular check of mounting straps, bolts, brackets and other similar hardware on vehicles subject to rough service in order to identify potential problems developing (metal fatigue, broken welds, broken/sheared bolts, etc.).

Enforcement and monitoring of these inspections shall be ongoing.

Current Status:

The area has been fully cleaned up.



Should you require further information or clarification, 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".

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

Attach: Photos, Map, Original NT-NU Spill Report

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



Figure 1: Earthen berms preventing oil from entering waterway



Figure 2: General overview of impacted area



Figure 3: Adjacent waterway not impacted by spill



Figure 4: Impacted area after clean-up - Area has been remediated (1/2)



Figure 5: Impacted area after clean-up - Area has been remediated (2/2)



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										