



Submission Date: July 24, 2014

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Re: Follow-up to Spill 14-240 Reported on June 26th, 2014
Mary River Project - Water Licence No. 2AM-MRY1325

Summary:

On June 25th at 10:00 am Baffinland Iron Mines Corp. (Baffinland) Site Services Department was relocating a dissolved air flotation (DAF) tank used as part of its oil/water separation system at its Milne Inlet construction laydown area. While Site Services was moving the tank, the discharge pipe connection located at the bottom of the tank ruptured causing approximately 1,000 – 2,000 L of water containing melt-water and undetermined low concentration emulsified free product hydrocarbon onto the ground surface consisting of sands with some gravels.

Photos of the release on June 25th, 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 cause of the release was the rupture of the discharge pipe located at the bottom of one side of the tank. The release spilled to the sand/gravel ground. When the operator moving the tank noticed the spill, movement of the tank ceased and the tank was immediately placed on an incline with the discharge upgrade to maintain some material within the tank, thus preventing the release of remaining water downgrade. The spill area was flagged off and the minor volume of free product present was collected by means of absorbent pads and shop vac.

It was confirmed by the past operators of the treatment plant, that the volume of free phase hydrocarbons within the water/hydrocarbon mixture was minor in consideration that the tank was fully emptied during the treatment system shutdown procedure. The water in the tank originated from snow melt that had accumulated in the vessel over the course of the winter. A limited soil sampling program will be conducted in the area to confirm hydrocarbon impact. If soils are contaminated above applicable soil guidelines, the soils will be removed and placed in the future land farm facility (currently under construction).

Recommendations:

After the release, Baffinland implemented strict instructions for the completion of a more throughout inspection of all containers containing hazardous waste prior to intra and inter site movements. Such inspections shall be completed to assess the risks associated with the release of their contents to the surrounding environment and shall include inspections of container integrity (breaks/faults in container walls), loose hoses/pipes/valve fittings connected to the container, and the method of securing the container to the moving vehicle prior to transit to assess the risk of the container becoming dismounted en route.

Enforcement and monitoring of these inspections shall be ongoing.



Current Status:

The area and extent of hydrocarbons present will be confirmed pending a limited soil assessment of the impacted area.

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 and Supplementary 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: DAF Tank at Location after Release of Oily Water



Figure 2: Broken Discharge Pipe (Source of Release of Oily Water)



Figure 3: Oily Water Release Area, This Area Will Undergo Soil Sampling and Assessment

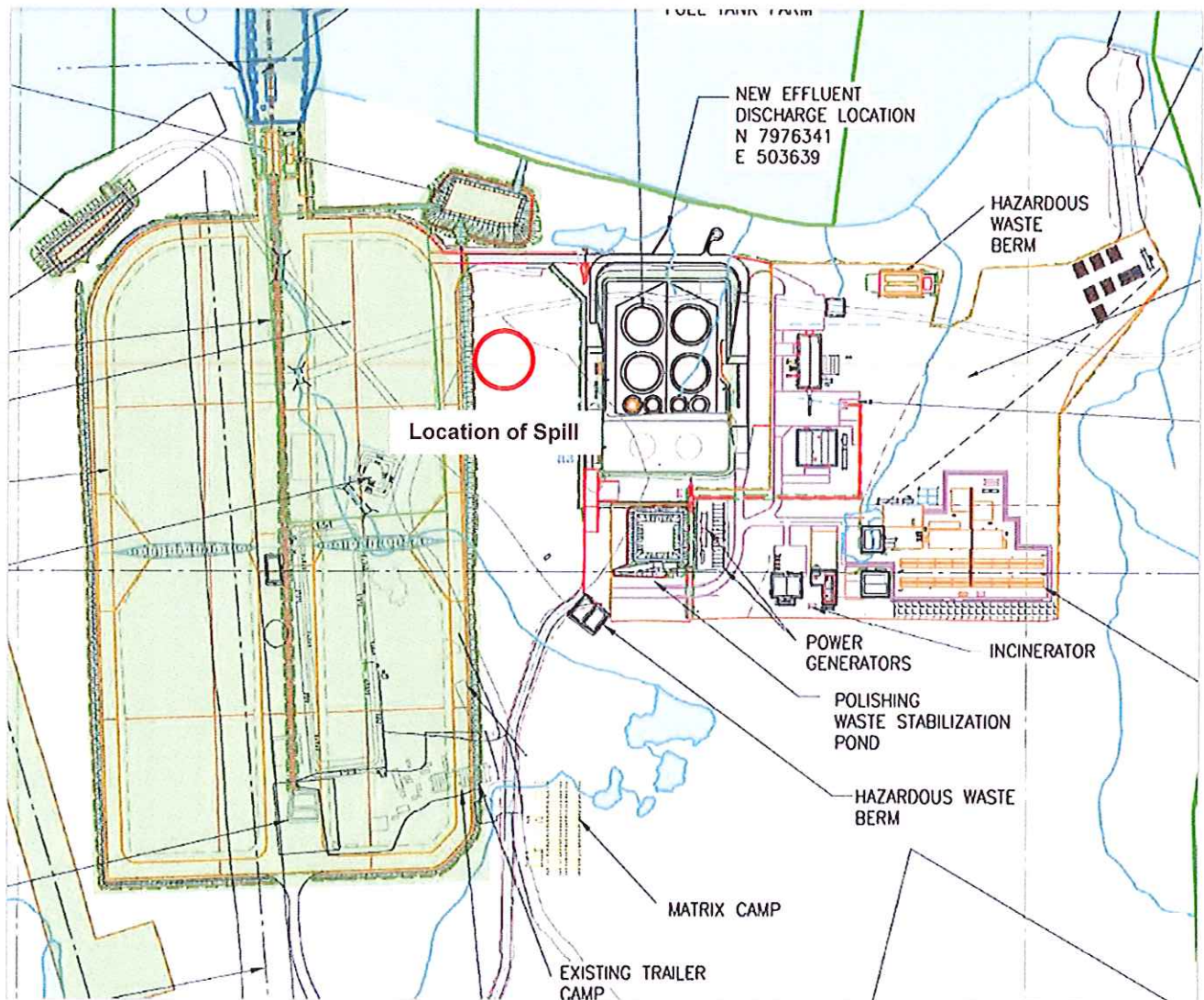


Figure 4: Spill Location – Milne Inlet Construction Laydown Area



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 June 26, 2014		REPORT TIME 10:15		<input type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER 14-240
B	OCCURRENCE DATE: MONTH - DAY - YEAR June 25, 2014		OCCURRENCE TIME 10:00			
C	LAND USE PERMIT NUMBER (IF APPLICABLE) IOL - Commercial Lease: Q13C301			WATER LICENCE NUMBER (IF APPLICABLE) 2AM-MRY1325 Type "A"		
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION Milne Port Laydown Area, Baffin Island, NU				REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E	LATITUDE DEGREES 71 MINUTES 53 SECONDS 06			LONGITUDE DEGREES 80 MINUTES 53 SECONDS 58		
F	RESPONSIBLE PARTY OR VESSEL NAME Baffinland Iron Mines Corp.		RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION 2275 Middle Road East, Suite 300, Oakville, ON L6H 0C3			
G	ANY CONTRACTOR INVOLVED		CONTRACTOR ADDRESS OR OFFICE LOCATION			
H	PRODUCT SPILLED Meltwater, minor hydrocarbons		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES 1,000 to 2,000 L		U.N. NUMBER	
	SECOND PRODUCT SPILLED (IF APPLICABLE)		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES		U.N. NUMBER	
I	SPILL SOURCE Oily water treatment tank		SPILL CAUSE Faulty discharge connection		AREA OF CONTAMINATION IN SQUARE METRES	
J	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 At 10:00 Site Services was relocating the oily water treatment tank. While moving the tank, the discharge pipe connection located at the bottom of the tank ruptured causing approx. 1,000 to 2,000 L of residual melt water containing a small volume of emulsified hydrocarbons onto the ground surface of the Camp Pad area (crushed rock). Being that this tank was previously active in the treatment of oily water and fully pumped out during decommissioning, the melt water contains only residual emulsified oily water from previous use. A small quantity of free phase hydrocarbons spilled onto the ground in puddles. Upon discovery, the ruptured connection was elevated to retain the remaining water in the tank. Spill pads were used to capture < 10 L of free phase product. A shop vac was used to remove and puddled contaminated water. Sampling will be conducted to identify contaminated material. If identified a plan will be developed. The closest water body is > 100m.					
L	REPORTED TO SPILL LINE BY Allan Knight	POSITION Env. Coord.	EMPLOYER Baffinland	LOCATION CALLING FROM Mine Site	TELEPHONE 647-253-0596	
M	ANY ALTERNATE CONTACT Jim Millard	POSITION Env. Manager	EMPLOYER Baffinland	ALTERNATE CONTACT Mine Site	ALTERNATE TELEPHONE 902-403-1337	
REPORT LINE USE ONLY						
N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (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						