



Submission Date: Mar 19, 2014

Resource Management Officer
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Director, Major Projects
Qikiqtani Inuit Association
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Re: Follow-up to Spill Reported on Mar 10th, 2014
Mary River Project - Water Licence No. 2AM-MRY1325

Summary:

Upon doing the annual inspection checks on fire suppression systems at the Milne Port Site, Levitt Safety found that on the suppression systems from one of the electrical rooms had released approximately 246 lbs. of "3M Novec 1230". The exact date and time of occurrence are unknown as this was only discovered during the inspection, which was undertaken on March 7th, 2014.

Immediate and Follow-Up Action:

Upon further investigation, it was noted that the fire suppression gases can possibly be released when temperatures drops below zero degrees Celsius. The release of the Novec 1230 could have therefore occurred at any point during the commissioning of the E-House, when shutdowns occurred and outdoor temperatures were below the freezing point. The investigation therefore could not reveal the exact date and time of occurrence.

Recommendations:

Accidental releases of the fire suppression gases should be avoided in the future by enduring that adequate heating of all E-Houses is maintained at all times to keep the ambient temperature inside the E-Houses about the freezing mark. Supplementary heaters should be used in the event of extended or planned of power outages as well. Also, the fire suppression systems should be inspected regularly and records of inspections should be maintained on labels affixed to the cylinders.

Should you require further information or clarification on the above noted spill, please feel free to contact the undersigned at (647) 253-0596 Ext.6016 or Jim Millard, Environmental Manager, at (902) 403-1337.

Sincerely,

A handwritten signature in black ink, appearing to read 'Trevor Myers', is written over a light blue circular stamp.

Trevor Myers, BA (Hon.) M.Sc.
Environmental Superintendent

Attach: NT-NU SPILL REPORT

cc. Michael Anderson, Jim Millard, Allan Knight, Nicolas Kuzyk, Jennifer St. Paul Butler, Erik Madsen,
Oliver Curran, Baffinland.
Erik Allain, AANDC, Manager of Licensing (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 03-10-2014		REPORT TIME 18:00		<input checked="" type="checkbox"/> ORIGINAL SPILL REPORT, OR <input type="checkbox"/> UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER 14 - 075
	OCCURRENCE DATE: MONTH – DAY – YEAR Unknown - See section K.		OCCURRENCE TIME Unknown			
C	LAND USE PERMIT NUMBER (IF APPLICABLE) IOL - Commercial Lease No.: Q13C301			WATER LICENCE NUMBER (IF APPLICABLE) 2AM-MRY1325 Type "A"		
	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION Milne Port, Baffin Island				REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E	LATITUDE DEGREES 71 MINUTES 53 SECONDS 5			LONGITUDE DEGREES 80 MINUTES 53 SECONDS 8		
	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			
	PRODUCT SPILLED 3M Novec 1230		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES 246 Lbs		U.N. NUMBER 1956	
H	SECOND PRODUCT SPILLED (IF APPLICABLE) N/A		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES N/A		U.N. NUMBER N/A	
	SPILL SOURCE E-House Fire Suppression System		SPILL CAUSE		AREA OF CONTAMINATION IN SQUARE METRES N/A	
J	FACTORS AFFECTING SPILL OR RECOVERY Product released in atmosphere		DESCRIBE ANY ASSISTANCE REQUIRED N/A		HAZARDS TO PERSONS, PROPERTY OR ENVIRONMENT N/A	
	K ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS Upon doing annual inspection checks on fire suppression systems, Levitt Safety found that one of the systems had released about 246 lbs of "3M Novec 1230"* in one of the Electric Rooms. Date and time of occurrence are unknown as this was found on the inspection undertaken on March 7th, 2014. The investigation is ongoing and further details will be provided in the follow-up report.					
L	REPORTED TO SPILL LINE BY Trevor Myers	POSITION Env. Superintendent	EMPLOYER Baffinland Iron Mine	LOCATION CALLING FROM Mine Site	TELEPHONE (647)253-0596	
	M ANY ALTERNATE CONTACT Jim Millard	POSITION Env. Manager	EMPLOYER Baffinland Iron Mine	ALTERNATE CONTACT Off 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						