

January 11, 2012

Andrew Keim
Water Resources Officer
Aboriginal Affairs and Northern Development Canada
P.O. Box 2000
Iqaluit, NU X0A 0H0
(867) 975-4289

RE: Follow-up Report – Spill #11-455 Doris Premix Antifreeze Leak (2AM-DOH0713)

Dear Mr. Keim,

On December 10, 2011 a premix antifreeze spill was found at the upper reagent pad at Doris Camp. The leak originated from a slow drip from the valve on a 1000L cube containing Turbo Power Diesel Extended Life 60/40 Premix Antifreeze/Coolant. The leaking cube was located inside a seacan. Antifreeze was found both inside the seacan and on the snow-covered gravel in front of the seacan (outside the seacan doors). Based on the drop of the level of liquid with the cube (from 100cm to 93 cm), it was estimated that a total of 70 L had leaked out.

On discovery, the spill was cleaned up and the cube removed for draining and disposal. The area was checked for animal presence or tracks on both December 11 and 12, with no evidence of animals being found.

It was determined that the valve on the cube was damaged when the cube was moved from one seacan to another two weeks before the spill discovery. After draining, the cube was placed in the Roberts Bay waste management area. However, a few hundred milliliters of residual antifreeze in the cube continued to drip out onto the gravel pad until noticed and properly drained, cleaned, and placed in a lined seacan for later disposal.

Engineering designs are in progress for constructing a permanent lined berm for housing seacans containing cubes of liquid materials, such as antifreeze, oils, and lubes. As an interim solution, HBML has ordered seacan liners for continued storage of these types of liquids.

Please do not hesitate to contact me if you have any questions or would like further information on this incident.

Sincerely,

Angela Holzapfel
Manager of Environmental Compliance
Environment and Social Responsibility
Hope Bay Mining Ltd.

Attachments:

December 11, 2011 Spill Report - NT-NU Spill Form_HBML_preliminary report_20111210.pdf

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 12-10-2011	REPORT TIME 16:20	<input checked="" type="checkbox"/> ORIGINAL SPILL REPORT, OR		REPORT NUMBER -
B	OCCURRENCE DATE: MONTH – DAY – YEAR 12-10-2011	OCCURRENCE TIME 11:00	<input type="checkbox"/> UPDATE # TO THE ORIGINAL SPILL REPORT		
C	LAND USE PERMIT NUMBER (IF APPLICABLE) KTCL308D003		WATER LICENCE NUMBER (IF APPLICABLE) 2AM-DOH0713		
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM THE NAMED LOCATION Doris North Project - Upper Reagent Pad			REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR	
E	LATITUDE DEGREES 68 MINUTES 8 SECONDS 52		LONGITUDE DEGREES 106 MINUTES 37 SECONDS 23		
F	RESPONSIBLE PARTY OR VESSEL NAME Hope Bay Mining Limited (HBML)	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION #300, 889 Harbourside Dr, North Vancouver, BC, V7P 3S1			
G	ANY CONTRACTOR INVOLVED	CONTRACTOR ADDRESS OR OFFICE LOCATION			
H	PRODUCT SPILLED Diesel Extended Life 60/40 Premix Antifreeze	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES 70 L	U.N. NUMBER		
	SECOND PRODUCT SPILLED (IF APPLICABLE)	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES	U.N. NUMBER		
I	SPILL SOURCE 1000L cube located within seacan	SPILL CAUSE Slow drip from valve	AREA OF CONTAMINATION IN SQUARE METRES 4 m2		
J	FACTORS AFFECTING SPILL OR RECOVERY frozen ground and snow	DESCRIBE ANY ASSISTANCE REQUIRED none required	HAZARDS TO PERSONS, PROPERTY OR ENVIRONMENT Wildlife ingestion hazard		
K	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS A slow drip from the valve on a 1000L cube containing Turbo Power Diesel Extended Life 60/40 Premix Antifreeze/Coolant was discovered on Dec 10, 2011. Based on the drop of the level of liquid with the cube (from 100cm to 93 cm), 70 L had leaked out over a 2 week period. The cube was located inside a seacan. Leaked liquid was found both inside the seacan and on the snow-covered gravel in front of the seacan (outside the seacan doors). The drip was contained and the cube removed and placed in full containment indoors. The spilled material, both inside and outside of the seacan, was clean up.				
L	REPORTED TO SPILL LINE BY Katsky Venter	POSITION Enviro. Site Manager	EMPLOYER HBML	LOCATION CALLING FROM Hope Bay, NU	TELEPHONE 604-998-4800 x87171
M	ANY ALTERNATE CONTACT Angela Holzapfel	POSITION Compliance Manager	EMPLOYER HBML	ALTERNATE CONTACT LOCATION Vancouver, BC	ALTERNATE TELEPHONE (604)-345-3122

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					