

DE BEERS

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August 19, 2018

Angela Love
Regulatory Officer
Mackenzie Valley Land and Water Board
7th Floor – 4922 48th Street
P.O. Box 2130
Yellowknife, NT X1A 2P6

Dear Ms. Love,

Subject: Follow-Up Spill Report – Spill of Hydraulic Oil in Hearne Pit - Gahcho Kué Mine – July 19, 2018 (GNWT Spill # 2018285)

Incident Summary:

At 00:30 on July 19, 2018, a PC5500 mining shovel was working in the Hearne Pit (HE409 Area) when a hydraulic hose failed and resulted in a spill of approximately 150 litres of hydraulic oil. The spill was contained within a small area of waste rock on the pit floor. Upon noticing the spill, absorbent pads were deployed to absorb visible oil. The contaminated waste rock was excavated and placed within the approved Type 3 disposal area within the South Mine Rock Pile.

An NT-NU Spill Report was completed and submitted via email to the NWT Spills Hotline (spills@gov.nt.ca) at 20:05 on July 19, 2018.

Root Cause Analysis:

The hose failed due to normal wear and tear while operating said unit it did not make it until the scheduled change out on August 1st.

Corrective Actions:

Failed Hose was replaced. Contaminated rock was disposed of in the Type 3 area of the South Mine Rock Pile. All hoses in the Pump area were scheduled to be changed out August 1st. All hoses in the pump area have now been changed.

The internal investigation relating to this incident has been concluded and the corrective actions complete. Should you have any questions or concerns, please do not hesitate to contact the undersigned at your convenience.

A DIVISION OF DE BEERS CANADA INC.
SUITE 300, 5102 – 50th AVENUE, YELLOWKNIFE, NT X1A 3S8
TEL: 1 (867) 766-7350 FAX: 1 (867) 766-7351
www.debeerscanada.com



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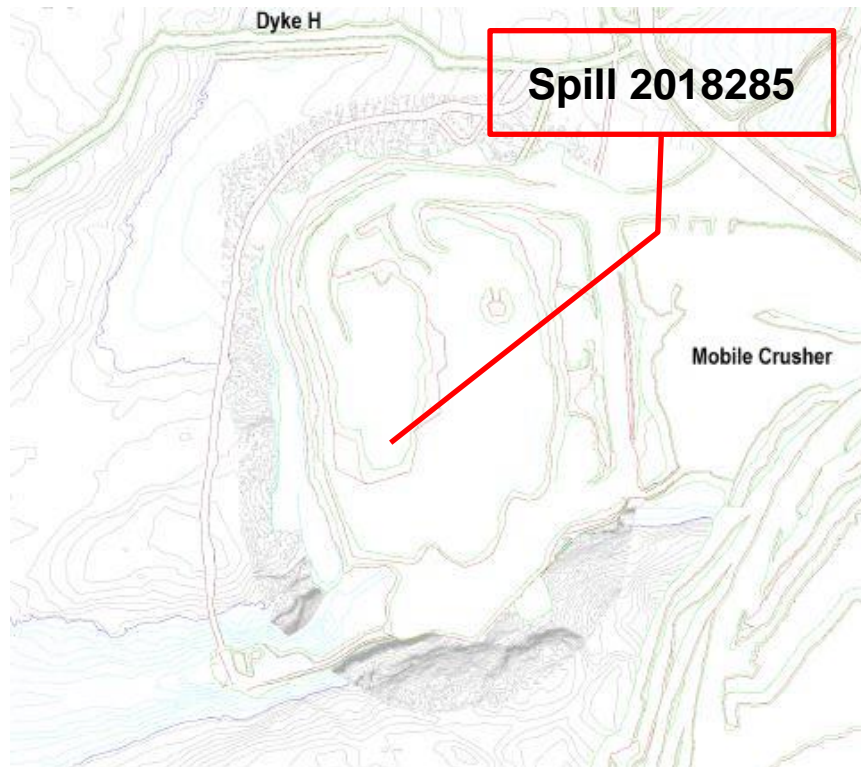
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Sincerely,



Ryan Marshall
Environmental Coordinator / Gahcho Kué Mine
416.645.1695 (x6621)
ryan.marshall@debeersgroup.com

Attachments: 1. Location of Spill;
2. Photos, and;
3. NT-NU Spill Report



Map showing the Location of the Spill (12V 588481 7035056)

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Photo showing the Hydraulic Oil Spill Location

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Initial Clean Up using Spill Pads

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Area of excavated contaminated material disposed of in the Type 3 Area of the South Mine
Rock Pile

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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:	07/19/18	Report Time:	7:30 pm	<input checked="" type="checkbox"/> Original Spill Report OR <input type="checkbox"/> Update # _____ to the Original Spill Report	Report Number:
	B	Occurrence Date:	07/19/18	Occurrence Time:		
C	Land Use Permit Number (if applicable):	MV2005C0032	Water Licence Number (if applicable):	MV2005L2-0015		
D	Geographic Place Name or Distance and Direction from the Named Location:			Region:		
	Gahcho Kue Mine, Kennedy Lake, NT			<input checked="" type="checkbox"/> NT <input type="checkbox"/> Nunavut <input type="checkbox"/> Adjacent Jurisdiction or Ocean		
E	Latitude:			Longitude:		
	63 Degrees 25 Minutes 47 Seconds			109 Degrees 13 Minutes 36 Seconds		
F	Responsible Party or Vessel Name:			Responsible Party Address or Office Location:		
	De Beers Canada			Suite 300 – 1601 Airport Road NE Calgary, Alberta, Canada T2E6Z8		
G	Any Contractor Involved:			Contractor Address or Office Location:		
H	Product Spilled: <input type="checkbox"/> Potential Spill		Quantity in Litres, Kilograms or Cubic Metres:		U.N. Number:	
	Hydraulic Oil		150 litres			
I	Spill Source:		Spill Cause:		Area of Contamination in Square Metres:	
	Komatsu PC5500 shovel		Failed hydraulic hose		25	
J	Factors Affecting Spill or Recovery:		Describe Any Assistance Required:		Hazards to Persons, Property or Environment:	
	None		None		None	
K	Additional Information, Comments, Actions Proposed or Taken to Contain, Recover or Dispose of Spilled Product and Contaminated Materials: At 00:30 on July 19, 2018, a PC5500 mining shovel was working in the Hearne Pit (HE409 Area) when a hydraulic hose failed and resulted in a spill of approximately 150 litres of hydraulic oil. The spill was contained within a small area of waste rock on the pit floor. Upon noticing the spill, absorbent pads were deployed to absorb visible oil. The contaminated waste rock will be excavated and placed within the approved Type 3 disposal area within the South Mine Rock Pile.					
L	Reported to Spill Line by:	Position:	Employer:	Location Calling From:	Telephone:	
	Ryan Marshall	Env. Coordinator	De Beers	Gahcho Kue Mine	(416) 645-1695	
M	Any Alternate Contact:	Position:	Employer:	Alternate Contact Location:	Alternate Telephone:	
	Allan Knight	Env. Coordinator	De Beers	Gahcho Kue Mine	(416) 645-1695	

REPORT LINE USE ONLY

N	Received at Spill Line by:	Position:	Employer:	Location Called:	Report Line Number:
Lead Agency: <input type="checkbox"/> EC <input type="checkbox"/> CCG/TCMSS <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> ILA			Significance: <input type="checkbox"/> Minor		File Status: <input type="checkbox"/> Open
<input type="checkbox"/> AANDC <input type="checkbox"/> NEB <input type="checkbox"/> Other: _____			<input type="checkbox"/> Major <input type="checkbox"/> Unknown		<input type="checkbox"/> Closed
Agency:	Contact Name:	Contact Time:	Remarks:		
Lead Agency:					
First Support Agency:					
Second Support Agency:					
Third Support Agency:					

NT-NU Spill Report

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