

# DE BEERS GROUP

May 25, 2023

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Tom Bradbury  
Resource Management Officer III (Inspector)  
North Slave Regional Office  
Department of Lands  
Government of the Northwest Territories  
#140 Bristol Avenue, Yellowknife Airport  
Yellowknife NT, X1A 3T2

Re: Snap Lake Mine  
Land Use Permit – MV2017D0032, Water License MV2019L2-0004  
Follow-Up Report for Spill # 2023186 – May 7, 2023

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Pursuant to Part H Condition 3(d) of Water License MV2019L2-0005, De Beers Canada Inc. (De Beers) is submitting this follow-up spill report for GNWT Spill #2023186, which occurred at the Snap Lake Mine at 13:20 on May 7, 2023.

An NT-NU Spill Report was completed to NWT Spills Report Line (867-920-8130) at 19:14 on May 7, 2023.

## Incident Summary

At approximately 13:20 on May 7, 2023, a spill of approximately 3 liters of sewage water was released outside the Sewage Treatment Plant. The Wastewater Plant Operator was in the process of transferring sludge from the mobile unit to the hydro-vac truck. During the transfer, the weight of the hose thrashing from the sludge moving through the 2 inch suction hose, broke a grey PVC fitting positioned lower on the tank. The Operator shut the valve off immediately, ending and minimizing the loss of sewage water. The broken fitting located close to the entrance door enabled a 3 litre loss outside the Sewage Treatment Plant.

## Immediate Actions

Spill was immediately reported to the supervisor and cleaned up using a hydro-vac truck and the ground material was bagged into a “Mega Bag” and disposed of safely using all the required personal protective equipment.

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## Root Cause

The fitting is supported by a wood tie providing it some protection up/down but not side to side. During the transfer, as a result of the weight of the hose moving side to side, broke a grey PVC fitting positioned lower on the tank.

## Follow-Up Actions

The damaged PVC fitting was replaced with a new fitting, with a higher strength rating and would be able to withstand inadvertent impacts from the hose.

Should you have any questions, comments or require further clarification, please contact me (867) 679-6392 or at [Lisa.Tran@debeersgroup.com](mailto:Lisa.Tran@debeersgroup.com).

Sincerely,



Regulatory Specialist  
De Beers Group

CC: S. Shiga, S. Aredes  
M. Peters, F. Mensah-Yeboah, P. Jenkins  
G. Sodhi, C. Petrovic

SLEMA  
DBCI  
MNJV

Attachments: GNWT Spill Report  
Photos

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ATTACHMENT 1: SPILL REPORT 2023186

# NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND  
OTHER HAZARDOUS MATERIALS



**NT-NU 24-HOUR SPILL REPORT LINE**

Tel: (867) 920-8130 • Email: spills@gov.nt.ca

**REPORT LINE USE ONLY**

A	Report Date: MM   DD   YY	Report Time:	<input type="checkbox"/> Original Spill Report <b>OR</b> <input type="checkbox"/> Update # _____ to the Original Spill Report	Report Number:	
	Occurrence Date: MM   DD   YY	Occurrence Time:			
C	Land Use Permit Number (if applicable):	Water Licence Number (if applicable):			
D	Geographic Place Name or Distance and Direction from the Named Location:		Region: <input type="checkbox"/> NT <input type="checkbox"/> Nunavut <input type="checkbox"/> Adjacent Jurisdiction or Ocean		
E	Latitude: _____ Degrees _____ Minutes _____ Seconds		Longitude: _____ 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: <input type="checkbox"/> Potential Spill	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:
Lead Agency: <input type="checkbox"/> EC <input type="checkbox"/> CCG/TCMSS <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> ILA <input type="checkbox"/> AANDC <input type="checkbox"/> NEB <input type="checkbox"/> Other: _____			Significance: <input type="checkbox"/> Minor <input type="checkbox"/> Major <input type="checkbox"/> Unknown		File Status: <input type="checkbox"/> Open <input type="checkbox"/> Closed
<b>Agency:</b>		<b>Contact Name:</b>		<b>Contact Time:</b>	
Lead Agency:					
First Support Agency:					
Second Support Agency:					
Third Support Agency:					
<b>Remarks:</b>					

ATTACHMENT 2: PHOTOS

Broken PVC Fitting:





Spill Outside Sewage Treatment Plant:

