

DE BEERS GROUP

May 5, 2022

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Jamie Steele
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North Slave Regional Office
Department of Lands
Government of the Northwest Territories
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Re: Snap Lake Mine
Land Use Permit – MV2017D0032, Water License MV2019L2-0004
Follow-Up Report for Spill # 2022133 – April 16, 2022

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 #2022133, which occurred at the Snap Lake Mine at 10:30AM on April 16, 2022.

An NT-NU Spill Report was completed via email to NWT Spills Report Line (spills@gov.nt.ca) at 1:30PM on April 16, 2022.

Incident Summary

On April 16, 2022, during the start-up of the newly commissioned modular sewage treatment plant, a cracked pipe was undetected, resulting in approximately 20L of greywater to be released to the ground.

Immediate Actions

Upon noticing the leak, the operator immediately stopped the operation and investigated the cause of the spill. This led to the discovery of the crack in the plumbing line. The spill was immediately neutralized with lime, sealed in a barrel and transferred to the hazardous waste area for proper disposal

Root Cause

The crack in the plumbing line was in an obscure spot, which made it difficult to detect during the initial inspection. The damage was most likely the result of the line freezing or occurred during the transit to site.

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Follow-Up Actions

The incident was discussed at a toolbox meeting, highlighting the importance of expecting the unexpected; to look for hidden hazards while performing inspections and always to have the mindset to be prepared to mitigate.

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

Sincerely,



Regulatory Specialist
De Beers Group

Copied to: J. Heron, J. Steele
S. Shiga, S. Aredes
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G. Sodhi

GNWT
SLEMA
DBCI
MNJV

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FIGURE 1: SPILL REPORT 2022133

Record of reported spill to NWT Spills Report Line (spills@gov.nt.ca) at 1:30PM on April 16, 2022:

spill-2022133

Saturday, April 16, 2022 - 18:06

Spill Status

Lead Agency: GNWT - Department of Lands

Occurance Date/Time: Saturday, April 16, 2022 - 10:30

Received Method: Email

Involved Parties Type: Mining Company

Potential Spill: No

Spill Information

Spill Region: North Slave

Spill Location: Snap Lake, Mine, Oil Field, etc

Spill Location Description: Lat: 64 degrees 60 minutes 76 seconds Long: 110 degrees 8 minutes 42 seconds Snap Lake

Geolocation: Geolocation is 63.17457163480372, -109.61560844902013

Spill Source: Pipe or Line

Spill Cause: Pipe Leaks

Product Spilled: Wastewater (sewage, mine tailings)

Product Spilled Description: Black water

Spill Quantity: 20.00

Measurement: Litres

Supporting Information

Land Use Permit Number: MV2017D0032

U.N. Number: UN 2814

Reporter Information

Reporting Date and Time: Saturday, April 16, 2022 - 13:30

FIGURE 2: PHOTOS



The cracked line located behind a tank in a difficult area to assess

