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June 17, 2021

File: MV2019L2-0004

Sarah McLean
Environment and Permitting Manager
De Beers Canada Inc.
Suite 300 – 1601 Airport Road NE
Calgary AB T2E 4Y9

Sent by Email

Dear Sarah McLean:

**Re: 2020 Annual Report – Resubmission Required.
De Beers Canada Inc. – Snap Lake Mine, NT**

The Mackenzie Valley Land and Water Board (Board) met on June 10, 2021 and considered the 2020 Annual Report required by Water Licence (Licence) MV2019L2-0003 for the Snap Lake Mine.

The Board hereby requires De Beers resubmit the 2020 Annual Water Licence Report to reflect updates as agreed to during the review, by **July 12, 2021**.

The Board hereby directs De Beers sample the fresh air raise areas during the 2021 program if the iron staining on the granite changes compared to 2020 geochemical inspection, and if the material has not been relocated to North Pile under the closure cover in 2021.

The Board notes that the Licence MV2019L2-0004 requires a revised Acid Rock Drainage and Geochemical Characterization and Management Plan a minimum of 90 days prior to commencement of blasting, earthwork activities, or placing of cover material. De Beers could address Government of the Northwest Territories – Department of Environment and Natural Resources' (GNWT-ENR) comment regarding "duration that water from PS5 will be treated prior to discharge, and how any potential acidic runoff will be monitored/treated once the WTP is no longer in operation" in the Acid Rock Drainage and Geochemical Characterization and Management Plan. The Board does not believe the approved Water Management Plan version 5 addresses the scenario described by GNWT-ENR. The approved Water Management Plan only addresses the contingency options in situation where Effluent Quality Criteria is not met. Alternatively, De Beers could resubmit the Water Management Plan to address GNWT-ENR's concerns. The Board hereby directs De Beers to address this item in either the Acid Rock Drainage and Geochemical Characterization and Management Plan or a revised

Water Management Plan. De Beers should indicated how this concern will be addressed in a revised Annual Report.

If you have any questions or concerns, please contact [Jacqueline Ho](#) at (867) 766-7455 or [Shannon Allerston](#) at (867) 766-7465.

Yours sincerely,



Mavis Cli-Michaud
Chair, Mackenzie Valley Land and Water Board

BCC'd to: Snap Lake Distribution List