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March 16, 2021

File: MV2019L2-0004

Ms. 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:

**Updated AEMP Design Plan – 2021 Care and Maintenance – Interim Approval
De Beers Canada Inc. – Snap Lake Mine, NT**

The Mackenzie Valley Land and Water Board (MVLWB or the Board) met on March 11, 2021 to review De Beers' AEMP Design Plan for 2021 Care and Maintenance, which was submitted under Part G, Condition 2 of Licence MV2019L2-0004.

The Board requires that De Beers resubmit the requested changes for AEMP Design Plan for Care and Maintenance in accordance with Board directives, as summarized in Table 1 (attached). This Plan will be considered to be approved, conditionally upon receipt of this information and written confirmation of conformity from Board staff. De Beers shall submit the revised AEMP Design Plan for 2021 Care and Maintenance by **April 11, 2021**.

The Board recognizes De Beers' efforts to engage with Parties and to host an AEMP Workshop to discuss the AEMP Design Plan for the Closure of Snap Lake Mine. The Board notes there is currently four separate documents comprising the AEMP Design Plans for the Care and Maintenance, including 2013 AEMP Design Plan, 2013 AEMP Design Plan Section 6 and 7 updates, 2016 AEMP Design Plan for Extended Care and Maintenance, and AEMP Design Plan for 2021 Care and Maintenance. The Board finds it difficult to track four separate AEMP documents for one monitoring program. In the event that AEMP Design Plan for Closure of Snap Lake Mine is not approved by the Board in time for 2022 field season and should De Beers require this Care and Maintenance AEMP for 2022, De Beers shall amalgamate the four AEMP documents listed above and submit one AEMP Design Plan for the Care and Maintenance of Snap Lake Mine for Board approval.

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
MVLWB, Chair

BBC to: Distribution List

Attached: Table 1: Board Directives on the AEMP Design Plan for 2021 Care and Maintenance

Table 1: De Beers – Snap Lake Mine, NT – Board Directives on AEMP Design Plan for 2021 Care and Maintenance from Water Licence MV2019L2-0004

	Board Directive	Review Comment ID
a.	De Beers to remove the proposed AEMP benchmark for manganese from the AEMP Design Plan for 2021 Care and Maintenance. De Beers to discuss the proposed changes at the upcoming AEMP Workshop.	MVLWB-17
b.	De Beers to continue the fish health and fish tissue programs for Lake Chub at Northeast Lake for the 2021 Care and Maintenance AEMP.	MVLWB-10
c.	De Beers to continue analyzing dissolved metals for the 2021 Care and Maintenance AEMP.	MVLWB-5
d.	De Beers to revise the AEMP Design Plan for 2021 Care and Maintenance to reflect the written requests.	ENR-7, 8, 10, 11, 12, 13, 14, 15, 17; MVLWB-2, 7, 8, 9, 14, 15; SLEMA-2, 5, 7
e.	De Beers to acknowledge that this AEMP Design Plan for Care and Maintenance is intended for 2021.	ENR-6