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September 18, 2020

File: MV2005L2-0015

William Liu
Regulatory Specialist
De Beers Canada Inc.
Suite 300 – 1601 Airport Road NE
Airport Corporate Centre
CALGARY AB T2E 6Z8

Sent via E-mail

Dear William Liu:

Re: AEMP Response Plan – Drinking Water – Low Action Level Exceedance in 2019

The Mackenzie Valley Land and Water Board (MVLWB or the Board) met on **September 17, 2020** to review your AEMP Response Plan – Drinking Water, which was submitted under Part I, Condition 7 of Water Licence MV2005L2-0015.

The Board requires that De Beers Canada Inc. resubmit the AEMP Response Plan in accordance Table 1 (attached). This AEMP Response Plan will be considered to be approved upon receipt of this information and written conformity of confirmation from Board staff.

Although the Board has approved the AEMP Response Plan as an interim submission, the Board has not approved the proposed action level in the AEMP Response Plan. The Board requires further discussion on the proposed action level in the upcoming AEMP Workshop and will consider the proposed action level through the AEMP Design Plan.

If you have any questions concerns regarding the meeting please feel free to contact Jacqueline Ho at (867) 766-7455 or via email at jho@mvlwb.com or Angela Love at (867) 766 7456 or email angela.love@mvlwb.com.

Yours sincerely,

A handwritten signature in blue ink, appearing to read "Mavis Cli-Michaud".

Mavis Cli-Michaud
MVLWB, Chair

Copied to: Distribution List

Attached: Table 1: Board Directives on AEMP Response Plan – Drinking Water

Table 1: Board Directives on AEMP Response Plan – Drinking Water

	Board Directives	Comment ID
1.	Revise section 2.2 to reflect the details of the confirmatory sampling that will occurred during the ice-cover season and associated quality assurance/quality control.	GNWT-ENR ID-4
2.	Revise section 2.3.1 to reflect future sampling program for year 2021 and beyond if 2020 confirmatory sampling shows elevated manganese.	GNWT-ENR ID-5
3.	Clarify that station L5 was not sampled in April 2020 but was selected to provide an overall assessment of water quality in Lake N11. Remove any conclusions that seem to indicate that manganese concentrations were not higher in 2020 at this specific station.	GNWT-ENR ID-6
4.	Revise the AEMP Response Plan to ensure it is priority to sample station N11-L5 yearly in ice-cover conditions given the action level exceedance.	GNWT-ENR ID-6
5.	Clarify the average concentration considered in the statement in Section 2.3.2 "If water from Lake 410 was used as a drinking water source, then average concentrations at Station L3 would be more representative of actual exposure; and average concentrations are well below the Low Action Level."	GNWT-ENR ID-7
6.	Revise the AEMP Response Plan to reflect that the proposed action level and response actions will be addressed through the upcoming AEMP Workshop and review of the AEMP Design Plan.	GNWT-ENR ID-2 and 3