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March 6, 2020

Gord Macdonald  
Diavik Diamond Mines Inc.  
P.O. Box 2498  
5007-50<sup>th</sup> Avenue  
Yellowknife, NT X1A 2P8

**Re: Recommendation to Sample Yellow Haze at Diavik**

Dear Gord,

During a December 2018 conference call and the December 2019 EMAB meeting, concern about “yellow-haze” at Diavik was raised. Without specific details or a sampling program, it can be suspected that yellow-haze events may be related to combustion gases (largely NO<sub>2</sub>) and temperature inversion.

Golder’s 2012 Air Dispersion Modelling Assessment recommended monthly passive sampling of NO<sub>2</sub>. However, it does not appear that Diavik has adopted this monitoring component. Additionally, the CSR states that “the follow-up program as specified in the Environmental Agreement or Regulatory Instrument will also require Diavik to include periodic monitoring of NO<sub>2</sub> during mining operations” (CSR, p. 102).

Please respond to the recommendation contained in this letter within 60 days.

Recommendation:

**Recommendation DDMI-EAQ-15: Sample the yellow haze and report on its chemical make-up and concentration, or develop a program to sample it.**

EMAB would like to remind Diavik that at the December 2019 meeting EMAB decided to implement a new numbering system for recommendations. The new system will assign a unique number to each EMAB recommendation, making them easier to track, reference, and respond to in the future. For example, the first recommendation (at the onset of the system) to Diavik on the WMP program is labelled **Recommendation DDMI-WMP-1**. Similarly, the first recommendation to the GNWT on the EAQMP would be labelled **Recommendation GNWT-EAQ-1**. This numbering system will not apply to recommendations made through the WLWB ORS. Since this is a new approach, EMAB is open to constructive feedback about the system.

## WORKING WITH THE PEOPLE FOR THE ENVIRONMENT



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If you require any further information, please contact John McCullum at the EMAB office.

Sincerely,

Charlie Catholique, Chair

CC: EMAB Members (by email)  
EMAB Alternates (by email)  
Parties to the EA (by email)