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NUNAVUT WATER BOARD  
NUNAVUT IMALIRIYIN KATIMAYINGI  
OFFICE DES EAUX DU NUNAVUT

September 22, 2021

Licence No: **2AM-DOH1335**  
**2AM-BOS1835**  
**2BB-MAE1727**  
**2BB-BOS1727**  
**2BE-HOP1222**

Oliver Curran  
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**RE: NWB Technical Review of the 2020 Annual Report for Hope Bay Project Licences 2AM-DOH1335, 2AM-BOS1835, 2BB-MAE1727, 2BB-BOS1727 and 2BE-HOP1222.**

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Mr. Curran,

The Nunavut Water Board (NWB or Board) has completed the technical review of the 2020 Annual Report (Report), for the Water Licences 2AM-DOH1335, 2AM-BOS1835, , 2BB-MAE1727, 2BB-BOS1727, and 2BE-HOP1222, issued for the operation of the Doris – Madrid and Boston Projects and associated exploration projects known generally as Hope Bay Project. The report was received from Agnico Eagle Mines Limited (Agnico Eagle or Licensee) on March 31, 2021.

The Board notes that on February 2, 2021, TMAC Resources Inc. (TMAC) was purchased by Agnico Eagle Mines Limited (Agnico Eagle) but TMAC continues to exist as a legal entity and is now a wholly owned subsidiary of Agnico Eagle.

The NWB distributed the submissions to interested parties on April 07, 2021, for a ninety (90) day public review. By July 07, 2021, the NWB received comments from Crown-Indigenous Relations and Northern Affairs (CIRNA), Environment and Climate Change Canada (ECCC), and the Kitikmeot Inuit Association (KIA). Agnico Eagle provided responses to comments on August 27, 2021, which were found to be satisfactory by all parties.

The NWB notes that Agnico Eagle also submitted the following updated management plans with the 2020 Annual Report:

- Hope Bay Project 2020 Aquatic Effects Monitoring Program Report (March 2021)
- Hope Bay Project Doris and Madrid Water Management Plan (March 2021)

- Hope Bay Emergency Response Plan (February 2021)
- Quality Assurance and Quality Control Plan (March 2021)

Copies of all documents, including interveners' comments and responses received during the review can be accessed through the NWB's Public Registry and FTP site using the following link:

<ftp://ftp.nwb-oen.ca/registry/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-DOH1335%20AEM/3%20TECH/B%20GENERAL/4%20ANNUAL%20RPT/>

The table below provides a brief summary of the issues identified during the Report review that pertain to the NWB's mandate, which require follow up. The table provides comments/deadlines for the Licensee to provide information. For the interveners' discussion of these items, please refer to the comment submissions referenced above. It should be noted that a number of questions/comments from Intervenors were addressed during the review process; therefore, these items are not included within the table.

#	Comment / Recommendation	NWB comment / note / deadline
Crown-Indigenous Relations and Northern Affairs (CIRNA)		
R-06	In Table D1-21 of Appendix D.1, Agnico Eagle reported the daily flow rate in cubic meters per second (m <sup>3</sup> /s) at monitoring Station TL-2 Doris Creek. CIRNAC recommends that Agnico Eagle present the daily flow summary at Doris Creek station TL-2 in cubic meter per day (m <sup>3</sup> /day) as required by Item 6 (a), Schedule B of the Type A Water Licence No. 2AM-DOH1335.	Agnico Eagle has committed to making the change in the 2021 Annual Report.
R-07	Estimate of Current Volume of Waste Rock and Ore Stockpiled at Boston Site Under Type B Water Licence 2BB-BOS1727. Agnico Eagle in its response stated: "No mining has occurred at Boston in 2020. Therefore, no additional ore or waste rock was generated. Agnico Eagle is in the process of validating volumes currently stockpiled at Boston"	Agnico Eagle has committed to making this information available in the 2021 Annual Report.
R-08	CIRNAC recommended that Agnico Eagle attach updated management plans to the Annual Report document or provide links to the updated management plans in their subsequent submissions.	Agnico Eagle has committed to include all updated plans in future annual reports.

Kitikmeot Inuit Association (KIA)		
KIA-6	Changes to the location of the diffuser of the Roberts Bay Discharge System should be updated in Module A of the Spill Contingency Plan.	The new location will be included in the next revision of the plan and submitted in the 2021 Annual Report.
KIA-11	KIA recommends including one or more graphics to depict metal trends at this location. In addition, the correlation between metal concentrations and pond level should be investigated further in the 2021 Annual Report. Ideally, AEM-TMAC would be taking water quality samples from a consistent depth above the bottom of the pond to alleviate this issue and the presence of a stratified pond (different metals concentrations at different depths) should be investigated.	To be included in the 2021 Annual Report.
KIA-13	KIA recommends keeping track of the days with dewatering rates above the 2,000 m <sup>3</sup> /day threshold.	To be included in the 2021 Annual Report.

Should you have any questions, please feel free to contact the undersigned at (867) 360-6338 (extension 33) or [ali.shaikh@nwb-oen.ca](mailto:ali.shaikh@nwb-oen.ca), at your earliest convenience.




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Mohammad Ali Shaikh  
Nunavut Water Board,  
Technical Advisor

Cc: Distribution List – Doris North