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NUNAVUT WATER BOARD  
NUNAVUT IMALIRIYIN KATIMAYINGI  
OFFICE DES EAUX DU NUNAVUT

**File: 2AM-MEL1631/TR/D1, 2**

February 27, 2017

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**Subject: Final Design and Construction Drawings for Meliadine Freshwater Treatment Plant; Type “A” Water Licence 2AM-MEL1631, Meliadine Gold Project, Agnico Eagle Mines Ltd.**

Dear Ms. Turmel and Mr. Quesnel:

The Nunavut Water Board (“NWB”) received from Agnico Eagle Mines Ltd. (Agnico Eagle or Licensee) on January 25, 2017 the Construction Design Report entitled: “Meliadine Freshwater Treatment Plant” (Report), including Engineered Drawings for the proposed infrastructures as a requirement of Part D, Item 1 of the Licence 2AM-MEL1631 (Licence).

Agnico Eagle stated in its submission that *the camp area will have a Freshwater Treatment Plant (FWTP) for potable (domestic) water. The design flow rate for the potable water for the main camp and accommodations is 216 m<sup>3</sup> per day. In the FWTP, the freshwater will first go through cartridge filters and then be pumped through ultraviolet units, and finally be treated with sodium hypochlorite (chlorine). The treated water will be stored within a potable water tank. Potable water will be monitored according to the Nunavut health regulations for total and residual chlorine and microbiological parameters.*

On February 1, 2017, the NWB made the Report public for review and comments with a deadline for submissions set at February 12, 2017, 2017. The Board received comments from Indigenous and Northern Affairs Canada (INAC). In its submission, INAC stated that INAC has no concern with the submission. It would be useful if the licensee could identify the water quality parameters

that will be used to measure for raw water and treated potable water. The information will be useful in confirming the performance of the proposed potable water treatment plant.

The NWB believes that the information requested by INAC and confirming the performance of the proposed freshwater treatment plant could be included in future annual reporting.

By copy of this letter the Board acknowledges that the Report addresses the requirements of Part D Item 2 of Licence 2AM-MEL1631, and has approved the Report through the Board Motion No. 2016-A1-014, dated February 27, 2017, as required by Part D, Item 1 of Licence. The Licensee is also advised that the Board's "approval" of this document is a verification that the proposed activity is consistent with the existing terms and conditions of the Licence and more specifically with the Part D, Item 2, and may proceed in accordance with the Report and drawings provided. It should be noted that the Board's "approval" is NOT intended or offered as any representation regarding the suitability of the plans nor third party verification of the design, construction, planning or engineering discussed in the document.

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

Yours truly,

Karén Kharatyan  
A/Manager of Licensing / Sr. Technical Advisor

cc: Distribution List - Meliadine