



145 King Street East
Suite 400,
Toronto, Ontario M5C 2Y7
416-947-1212

Sent by Email

April 28 2022

Licensing
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU
X0B 1J0

Re: March 2022 – Monthly Monitoring Report for Water Licence 2AM-BOS1835

This report is comprised of monitoring requirements as set out in Part I Item 12 and Schedule I of water licence 2AM-BOS1835.

Boston camp was reopened in March from the 23rd to the end of the month to support equipment hauling operations for a duration of two weeks.

On February 2, 2021 TMAC was purchased by Agnico Eagle Mines Limited (Agnico Eagle) and became a wholly owned subsidiary of Agnico Eagle. Effective as of January 1st, 2022, Agnico Eagle and TMAC amalgamated and continued under the Agnico Eagle name. Accordingly, by operation of law and without any further acts or steps necessary, TMAC ceased to exist and continued as Agnico Eagle, and Agnico Eagle possessed all of the property, rights, privileges and franchises and is subject to all liabilities, including civil, criminal and quasi-criminal, and all contracts, disabilities and debts of TMAC.

Site Wide Water Quality Monitoring Program (Part I Item 3 and Schedule I)

Sampling locations monitored under this licence will be established with the Inspector as per Part I Item 3 once these facilities have been constructed.

Fresh water was taken from the Fresh Water intake at Aimaokatalok Lake (BMS-6) during the month of March. No water quality sample was able to be taken due to the small operation window. Water was only pulled once for domestic use and the volume is tracked in table 2. Since the camp is closed until the summer, the next sample will be taken upon reopening of the camp.

Flow and Volume Measurements (Part F, Part I and Schedule I)

Table 1. Effluent discharge, March 2022

Facility	Station Code	Discharge Volume (m ³)	Exceedances of Discharge Criteria	Discharge Location	Licence Reference
Contact Water Ponds #1 and #2	BMS-1	0	0	Facility not yet constructed	Part F Item 18, 19(a)
Surge Pond	BMS-2	0	0	Facility not yet constructed	Part F Item 19(d)
Contact Water Treatment Plant	BMS-3	0	0	Facility not yet constructed	Part F Item 5, 21
Reclaim Line from TMAC Contact Water Pond	BMS-4	0	0	Facility not yet constructed	
Non-contact water pond	BMS-5	0	0	Facility not yet constructed	
Landfill Sump	BMS-7	0	0	Facility not yet constructed	Part F Item 19(a)
Sewage Treatment Plant, Effluent	BMS-8	0	0	Facility not yet constructed	Part F Item 4(b, e)
Sewage Treatment Plant, Sludge	NA	0	NA	Facility not yet constructed	Part I Item 5(f)
Landfarm Sump	BMS-9	0	0	Facility not yet constructed	Part F Item 19(b)
Fuel Storage Sump	BMS-11	0	0	Facility not yet constructed	Part F Item 19(b)

Records of visual monitoring of discharge to tundra are maintained on file as per Part I Item 11.

Table 2. Water usage, March 2022

Month	Aimoakatalok Lake					Total Usage
	Domestic Water (m ³)	Surface Exploration (m ³)	Industrial Usage (m ³)	Dust Suppression (m ³)	Winter Track (m ³)	
January	0	0	0	0	0	0
February	0	0	0	0	0	0
March	2	0	0	0		
Annual Total	2	0	0	0	0	0
Annual Allowance	33,000		450,000		20,000	503,000

As permitted by water licences Part E Item 1 and Part I Item 5(a-c).

Table 3. Volume of Reclaim Water from the Tailings Dewatering for Process Water, March 2022

Month	Reclaim Water (m³) *
January	0
February	0
March	0
Annual Cumulative	0

* As per Part E Item 4 and Part I Item 5(d)
Numbers rounded to the nearest cubic meter.

Table 4. Waste Rock and Process Volumes, March 2022

Month	Waste Rock Management					Ore Processing and Tailings Management		
	Produced from Mining Activity (tonnes)	Backfilled Directly to Underground Stopes (tonnes)	Returned Underground from Temporary Waste Rock Pile* (tonnes)	Moved to Temporary Waste Rock Pile (tonnes)*	Cumulative on Temporary Waste Rock Pile (tonnes)*	Quantity of Ore Processed** (tonnes)	Total Area of Dry Tailings Placed in TIA** (m ²)	Total Dry Detoxified Tailings Placed Underground** (tonnes)
January	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0
Cumulative Total	0	0	0	0	0	0	0	0

* As per Part I Item 5(e)

** As per Part I Item 6

Waste Management (Part F Item 11 and 12)

No hazardous waste was generated, and no waste was backhauled for offsite disposal under this licence in March.

**Summary of Assessments of Water Balance and Water Quality Model
(Part I Item 12(c))**

Operations have not yet begun under this licence at this time. Average monthly water quality, hydrologic, and climatic monitoring data will be collected and used to assess the water and load balance model to allow comparison to model predictions once operations have begun under this licence.

Thermal Monitoring (Part I Item 7 and Schedule I)

Thermal monitoring undertaken as per Part I Item 7 and Schedule I is reported in the annual Geotechnical Report.

Site Freshet and Precipitation Conditions (Part I Item 12(d))

Infrastructure identified under this licence has not yet been constructed. No monitoring has been conducted at this time.

Incident Reporting

No incidents pertaining to this licence occurred this month.

Should there be any questions regarding this monthly report, please contact me at guillaume.dumont-vandewinkel@agnicoeagle.com.

Yours sincerely,



Guillaume Dumont-Vandewinkel
Environmental Coordinator
Hope Bay Project
(867) 988-6882 ext. 101

Cc:

Omer Pasalic, Water Resources Officer, CIRNAC
Eric Steinmetzer, General Manager – Hope Bay, Agnico Eagle
Nancy Duquet-Harvey, Environmental Superintendent – Hope Bay, Agnico Eagle