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June 20, 2023

Licensing
Nunavut Water Board
P.O. Box 119
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Re: May 2023 – Monthly Monitoring Report for Water License 2AM-DOH1335

This report is comprised of the monitoring requirements set out in Part I and Schedule I of water licence 2AM-DOH1335 Amendment 2 (the license), and additional requirements from CIRNAC.

In March 2022, Agnico Eagle made the decision to maintain the suspension of production activities at the Doris Mine site and Madrid North Portal to dedicate the infrastructure of the Hope Bay site to exploration activities. As such, the mill operation will remain suspended and underground activities will focus on exploration development. As the mill will not be operational for the foreseeable future, Table 4: Volume of Reclaim Water from the TIA for Process Water has been removed.

In February 2023, Agnico Eagle made the decision to temporarily cease underground development of the Doris mine. The final blast occurred on April 19, 2023 and all waste rock haulage was completed on April 24, 2023. Until development is restarted, the main focus underground will be on care and maintenance.

During the subject period of this report, the focus of activities at Doris was water management, environmental compliance, and the maintenance of the underground mine.

Sampling locations monitored under this licence (seasonally or when facilities are operational) are provided in Figure 6 through Figure 8 at the end of this report.

Due to calibration issues with the flow meters on the line between the Doris sedimentation pond and the TIA, the volume reported for ST-1 in Table 1 is higher than the real volume pumped. As there is no way to determine the real volume, the declared volume will be kept for reporting needs.

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

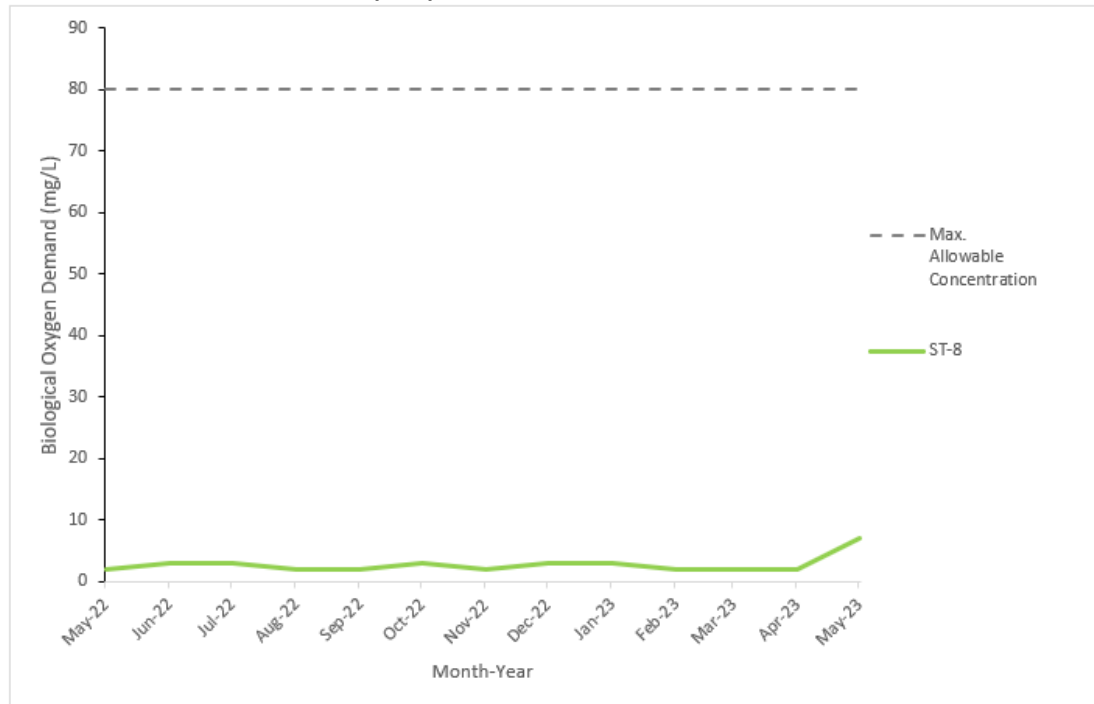
Water quality sampling was conducted throughout the month at monitoring stations identified in Schedule I of the licence (ST-1 through ST-13, TL-1 through TL-12 and MMS-1 through MMS-10). Water quality samples were not collected for monitoring stations that were inactive during the month being reported (e.g., facilities that had not yet been constructed, were frozen during the month, or were not operationally active).

All parameters were compared to the applicable effluent quality limits outlined in Part D and Part F of the licence. No exceedances of effluent quality limits were observed in any samples collected

this month. Results of all water quality monitoring are provided in Appendix A attached to this report.

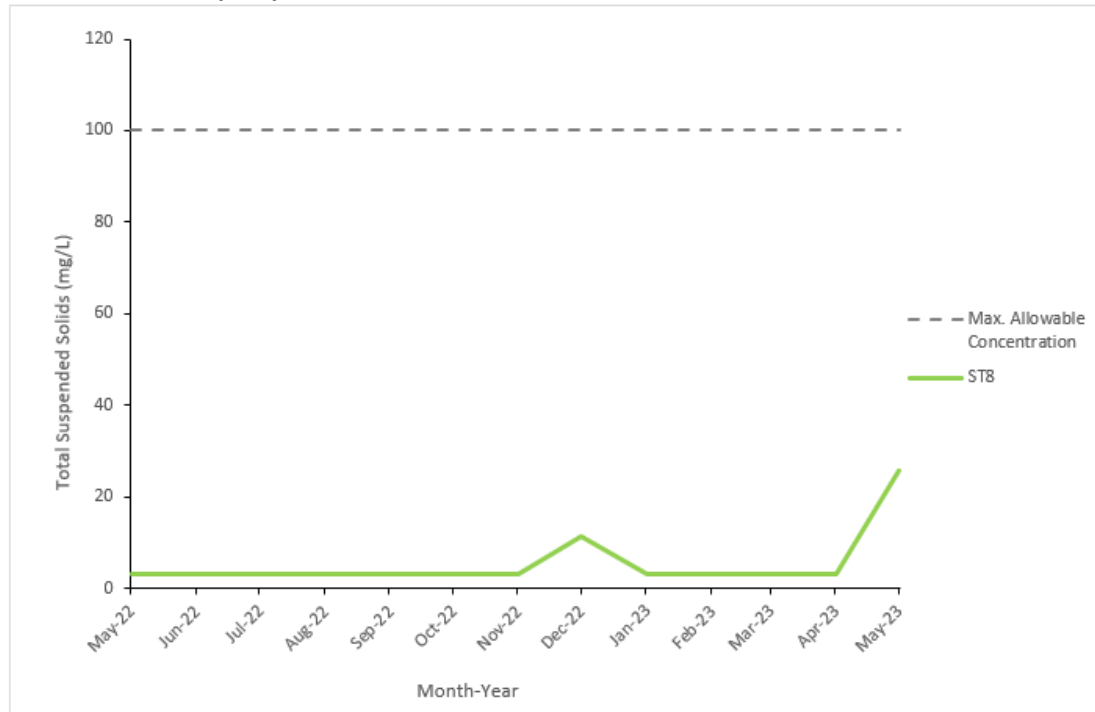
Figure 1 and 2 illustrates effluent quality characteristics for parameters of interest at select monitoring stations.

Figure 1. Biological Oxygen Demand Results Consistently Below Discharge Criteria for Wastewater Treatment Plant (ST8)



Note: Maximum Average Concentration as per Part F Item 4(b).

Figure 2. Total Suspended Solids Results Consistently Below Discharge Criteria for Wastewater Treatment Plant (ST8)



Note: Maximum Average Concentration as per Part F Item 4(b).

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

Table 1. Effluent discharge, May 2023

| Facility | Station Code | Discharge Volume (m ³) | Exceedances of Discharge Criteria | Discharge Location | Licence Reference |
|---|--------------|------------------------------------|-----------------------------------|--|-----------------------|
| Doris Sedimentation Pond * | ST-1 | 53,789 | N/A | Tailings Impoundment Area | Part F Item 17 |
| Doris Contact Water Pond #1 | ST-2 | 2,341 | N/A | Doris sedimentation pond | Part F Item 17, 18(a) |
| Non-Hazardous Landfill Sump | ST-3 | 0 | 0 | Facility not constructed | Part F Item 18(a) |
| Land farm Sump | ST-4 | 0 | 0 | Tailings Impoundment Area | Part F Item 18(b) |
| Doris Plant Site Fuel Storage Area | ST-5 | 677 | 0 | Tailings Impoundment Area | Part F Item 18(b) |
| Rob Bay Single 5ML Fuel Storage Area | ST-6a | 1,400 | 0 | Tundra Discharge 13W 432954 7563407 | Part F Item 18(b) |
| Rob Bay Fuel Storage and Containment Berm | ST-6b | 940 | 0 | Tundra Discharge 13W 432878 7563130 | Part F Item 18(b) |
| Doris Sewage Treatment Plant, Effluent | ST-8 | 759 | 0 | Tundra Discharge 13W 432933 7559057 | Part F Item 5(b-c) |
| Doris Sewage Treatment Plant, Sludge | N/A | 34.3 | N/A | Tailings Impoundment Area | Part I Item 5(f) |
| Doris Reagent and Cyanide Storage Facility Sump | ST-11 | 0 | N/A | Tailings Impoundment Area | Part F Item 17 |
| Doris Contact Water Pond #2 | ST-13 | 0 | N/A | Facility not constructed | Part F Item 17 |
| Doris Mine Water Discharge | TL-12 | 56,053 | N/A | Tailings Impoundment Area Roberts Bay | |
| Madrid North Contact Water Pond | MMS-1 | 195 | 0 | Tailings Impoundment Area | Part F Item 17, 18(a) |
| Madrid South Primary Contact Water Pond | MMS-2 | 0 | N/A | Facility not constructed | Part F Item 17, 18(a) |
| Madrid South Secondary Contact Water Pond | MMS-3 | 0 | N/A | Facility not constructed | Part F Item 17, 18(a) |
| Madrid South Fuel Storage Facility | MMS-5 | 0 | 0 | Facility not constructed | Part F Item 18(b) |
| Madrid North Connector | MMS-7 | 0 | N/A | Facility not constructed | |
| Madrid North Fuel Storage Facility | MMS-8 | 0 | 0 | Facility not constructed | Part F Item 18(b) |
| Madrid Mine Water Discharge | MMS-10 | 0 | N/A | Tailings Impoundment Area | |

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

* Note: Volume reported includes effluent transferred from the Doris Contact Water Pond #1, Landfarm Sump, Doris Plant Site Fuel Storage Area and Madrid North Contact Water Pond.

Table 2. Discharge from TIA to Roberts Bay, May 2023

| Month | Number of days of discharge | Discharge Volume (m ³) | Exceedances of Discharge Criteria* |
|--------------------------|-----------------------------|------------------------------------|------------------------------------|
| January | 0 | 0 | 0 |
| February | 0 | 0 | 0 |
| March | 0 | 0 | 0 |
| April | 0 | 0 | 0 |
| May | 23 | 49,991 | 0 |
| Annual Cumulative | 23 | 49,991 | 0 |

* Discharge criteria as outlined in *Metal and Diamond Mining Effluent Regulations*.
 Acute Lethality testing conducted as outlined in Part F Item 22 and Part I Item 14

Table 3. Water Usage, May 2023

| Month | Windy Lake (ST-7A) | | | | Doris Lake (ST-7) | | | | Patch Lake | Total Usage |
|-------------------------|--------------------|--------------|--------------|------------------|-------------------|--------------------|------------------|--------------|--------------|------------------|
| | Domestic Water* | Industrial** | Winter Track | Dust Suppression | Domestic Water* | Industrial Usage** | Dust Suppression | Winter Track | Winter Track | |
| January | 973 | 0 | 1,604 | 0 | 0 | 0 | 0 | 690 | 1,560 | 4,827 |
| February | 1,147 | 22 | 532 | 0 | 0 | 29 | 0 | 662 | 480 | 2,872 |
| March | 1,020 | 8 | 511 | 0 | 0 | 0 | 0 | 1,498 | 0 | 3,037 |
| April | 933 | 31 | 363 | 0 | 0 | 8 | 0 | 158 | 0 | 1,493 |
| May | 930 | 26 | 0 | 0 | 0 | 144 | 180 | 0 | 0 | 1,280 |
| Annual Total | 5,002 | 87 | 3,010 | 0 | 0 | 181 | 180 | 3,008 | 2,040 | 13,508 |
| Annual Allowance | 43,800 | | | | | 1,930,000 | | | | 2,033,800 |

* As permitted by water licences 2BE-HOP1222 and 2AM-DOH1335 Part E Item 1 and Part I Item 5(a)(b)

** Includes industrial uses such as underground drilling, core processing, milling, concrete batching, etc.

Table 4. Doris Waste Rock and Ore Volumes, May 2023

| Month | Waste Rock Management | | | | | | Underground Void Space | | | Ore Processing and Tailings Management | | |
|------------------|--|--------------------------------------|---|---|--|---|--|---|---|--|---|---|
| | Produced from Mining Activity (tonnes) | Backfilled Directly to Mine (tonnes) | Returned Underground from Temporary Waste Rock Pile* (tonnes) | Waste Hauled for Surface Construction from Surface Stockpile (tonnes) | Moved to Temporary Waste Rock Pile (tonnes)* | Cumulative on Temporary Waste Rock Pile (tonnes)* | Volume Created from Mining Activities (tonnes) | Cumulative Volume Available for Backfill (tonnes) | Cumulative Volume Available for Backfill (m³) | Quantity of Ore Processed** (tonnes) | Total Dry Tailings Placed in TIA** (tonnes) | Total Dry Detoxified Tailings Placed Underground** (tonnes) |
| December Balance | - | - | - | - | - | 741,861 | - | 1,727,676 | 848,809 | - | - | - |
| January | 10,557 | 0 | 0 | 0 | 10,557 | 752,418 | 10,557 | 1,738,233 | 852,580 | 0 | 0 | 0 |
| February | 9,523 | 0 | 0 | 2,401 | 9,523 | 759,540 | 9,523 | 1,747,756 | 855,981 | 0 | 0 | 0 |
| March | 11,977 | 0 | 0 | 4,369 | 11,977 | 767,148 | 11,977 | 1,759,733 | 860,258 | 0 | 0 | 0 |
| April | 6,500 | 0 | 0 | 610 | 6,500 | 773,038 | 6,500 | 1,766,233 | 862,580 | 0 | 0 | 0 |
| May | 80 | 0 | 0 | 7,314 | 80 | 765,804 | 80 | 1,766,313 | 862,608 | 0 | 0 | 0 |
| Cumulative Total | 38,637 | 0 | 0 | 14,694 | 38,637 | | 38,637 | | | 0 | 0 | 0 |

* As per Part I Item 5(d)(e)

** As per Part I Item 6

Note: Void space created from mining activities is determined as the sum of the initial void space as calculated in March 2017 and void space created each month from mining activities. A negative volume of void space created in a month indicates that a higher volume of waste rock and detoxified tailings was returned underground compared to the volume of void space created from new mining activities.

Table 5. Madrid North Waste Rock and Ore Volumes, May 2023

| Month | Waste Rock Management | | | | | | Underground Void Space | | | Ore Produced |
|------------------|--|--|---|--|--|---|--|---|---|-------------------------------------|
| | Produced from Mining Activity (tonnes) | Backfilled Directly to Underground Mine (tonnes) | Returned Underground from Temporary Waste Rock Pile* (tonnes) | Moved to Temporary Waste Rock Pile (tonnes)* | Moved to Naartok East Crown Pillar Trench for Backfill (tonnes)* | Cumulative on Temporary Waste Rock Pile (tonnes)* | Volume Created from Mining Activities (tonnes) | Cumulative Volume Available for Backfill (tonnes) | Cumulative Volume Available for Backfill (m³) | Quantity of Ore Produced** (tonnes) |
| December Balance | - | - | - | - | - | 0 | - | - | - | - |
| January | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| February | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| March | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| April | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cumulative Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

* As per Part I Item 5(d)(e)

** As per Part I Item 6

Note: Void space created from mining activities is determined as the sum of the initial void space as calculated in December 2021 and void space created each month from mining activities. A negative volume of void space created in a month indicates that a higher volume of waste rock was returned underground or backfilled in the Naartok East Crown Pillar trench compared to the volume of void space created from new mining activities.

Table 6. Doris Lake Water Level (ST-12), May 2023

| Month | Minimum Water Level (masl) | Maximum Water Level (masl) | Mean Water Level (masl) | Monthly Water Level Variation (masl)* | Comparison of Mean Water Level from Month to Month (masl)^ |
|----------|----------------------------|----------------------------|-------------------------|---------------------------------------|--|
| January | 21.979 | 22.043 | 22.013 | 0.000 | 0.000 |
| February | 21.985 | 22.042 | 22.013 | 0.056 | -0.030 |
| March | 21.971 | 22.016 | 21.992 | 0.045 | -0.021 |
| April | 21.954 | 22.005 | 21.979 | 0.051 | -0.013 |
| May | 21.922 | 22.317 | 22.098 | 0.395 | 0.119 |

* Monthly Water Level Variation is calculated as the difference between the Maximum Water Level and the Minimum Water Level measured during the month.

^ Comparison of the change in water level from month to month. This value is calculated by subtracting the Mean Water Level of the current month from the Mean Water Level of the previous month (e.g. February Mean Water level - January Mean Water level). A positive value from this calculation indicates a rise in water level since the previous month; a negative value from this calculation indicates a drop in water level since the previous month.

Waste Management (Part F Item 10 and 11)

In May, Agnico shipped hazardous waste offsite via empty cargo aircraft. Table 7 below summarizes the type and volume of waste shipped offsite for disposal during this month.

Table 7. Waste Backhaul

| Waste Type | Volume Shipped* (m ³) |
|----------------|-----------------------------------|
| Kitchen grease | 2 |

Summary of Assessments of Water Balance and Water Quality Model

(Part F Item 24 and Part I Item 12 c)

Average monthly water quality, hydrologic, and climatic monitoring data were collected while in operations during May. Data will contribute to the assessment of the water and load balance model and will be compared to the predicted water quality and elevation within the TIA and will be reported in the annual report for 2023.

Thermal Monitoring (Part I Items 7, 8 and Schedule I)

Thermal monitoring undertaken as per Part I Items 7, 8 and Schedule I is reported in the annual Geotechnical Report.

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

Visual monitoring was conducted at the Diversion Berm this month. No issues were identified at the Diversion Berm and associated check dam in March. Photos of this infrastructure are provided in Figure 3 below.

Inspections were suspended of site culverts throughout the month of May due to snow build up. Inspections are due to be resumed in freshet of 2023.

Figure 3. Diversion berm during May 2023



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@agnicoeagle.com.

Yours sincerely,

A handwritten signature in cursive script, reading "Guillaume Dumont-Vandewinkel".

Guillaume Dumont-Vandewinkel
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Cc:

Jonathan Mesher, Water Resources Officer, CIRNAC

Eric Steinmetzer, General Manager – Hope Bay, Agnico Eagle

Nancy Duquet-Harvey, Environmental Superintendent – Hope Bay, Agnico Eagle

Figure 6. 2AM-DOH1335 SNP Monitoring Locations



Figure 7. 2AM-DOH1335 SNP Monitoring Locations



Figure 8. 2AM-DOH1335 SNP Monitoring Locations

