AGNICO EAGLE

ANNUAL REPORT 2023: WATER LICENCE 2BB-MEA1828

PRESENTED TO

NUNAVUT WATER BOARD

MARCH 2024

Contact:

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Water licence 2BB-MEA1828, Part B item 6:

6. The Licencee shall file an Annual Report on the Appurtenant Undertaking with the Board no later than March 31st of the year following the calendar year being reported, containing the following information:

a. A summary report of Water use and Waste disposal activities;

- *Under the water licence 2BB-MEA1828, water was used only for drilling and from March to August. Table 1 details the volume used per month.*

Table 1, Water use in 2023

Month	Water usage m^3/day	Details
January	-	-
February	-	-
March	32.4	-
April	49.5	-
May	39.3	15 days of water usage in May
June	-	
July	-	
August	52.2	19 days of water usage in August
September	-	
October	-	
November	-	
December	-	

- *All the waste generated during the exploration activities conducted under this water licence was transported to the mine site where it was segregated according the waste management in place. Only the cutting generated by the drilling was disposed of near the drill sites with locations detailed in Table 4.*

b. Quantity of Water (in cubic metres/day) obtained for domestic and other purposes from sources on, in or flowing through Inuit-owned lands for the reporting period;

- *Water on Inuit-owned Lands was used for diamond drilling in May and August with a daily average of 45.3 m^3/day.*

c. Quantity of Water (in cubic metres/day) obtained for domestic and other purposes from sources on, in or flowing through Crown Lands for the reporting period;

- *Water on Crown Lands was used for diamond drilling in March and April with a daily average of 41.0 m^3/day.*

d. Quantity of Waste disposed of on on-site Waste disposal facility;

- *All the waste generated during the exploration activity under this water licence was transported to the mine site where it was segregated according the waste management in place.*

e. Quantity of Waste Backhauled to approved facility for disposal;

- *NA*

f. A list of unauthorized discharges and a summary of follow-up actions taken;

- *No reportable spill occurred in 2023 in the area covered by this water licence.*

g. Any revisions to the Spill Contingency Plan, Water Management Plan, Waste Management Plan, Quarry Management Plan, and Abandonment and Restoration Plan as required by Part B, Item 7, submitted in the form of an Addendum;

> Part B, item 12. The Licencee shall review the Plans referred to in this Licence, as required by changes in operation and/or technology, and modify the Plan accordingly. Revisions to the Plans shall be submitted in the form of an Addendum to be included with the Annual Report.

- *No plan updates are proposed at this time.*

i. Report all artesian flow occurrences as required under Part F, Item4;

- *No artesian flow occurrences encountered in 2023.*

j. A summary of all information requested and results of the Monitoring Program;

PART J: CONDITIONS APPLYING TO THE MONITORING PROGRAM

1. The Licencee shall measure and record, in cubic metres, the daily quantities of water that is used from sources located on, in or flowing through Crown Land, utilized for camp at Monitoring Program Station MEA-1, drilling and other purposes.

- *This information is detailed in part B items 6-a, b, c*

2. The Licencee shall, at a minimum, maintain Monitoring Stations at the following locations:

Table 2. Monitoring stations

Monitoring Station	Description	Status
MEA-1	Amaruq Camp Water Intake	Volume
MEA-2	Effluent discharged from the Wastewater Treatment System (WWTS)	Volume and Effluent Quality
MEA-3	Effluent discharged from the Fuel Storage Facility	Volume and Effluent Quality

- *Since the Amaruq exploration camp was not relocated in 2023, this monitoring is not active.*

3. The Licencee shall sample the effluent discharging from the WWTS at Monitoring Station MEA-2 prior to its release into environment in order to provide confirmation of effluent quality as required by Part D, Item 11, for the following parameters:
pH, Fecal Coliform, Biochemical Oxygen Demand (BOD5), Oil and Grease, Total Suspended Solids (TSS).

- *Since the Amaruq exploration camp was not relocated in 2023, this monitoring is not active.*

4. The licencee shall sample the effluent discharging from the WWTS at Monitoring Station MEA-3 prior to its release into environment in order to provide confirmation of effluent quality as requires by Part D, item 14.

- *Since the Amaruq exploration camp was not relocated in 2023, this monitoring is not active.*

5.The Licencee shall sample the effluent discharging from Trench Water Containment prior to its release into environment in order to provide confirmation of effluent quality as required by part D, item 15.

- *No trench dug in 2023.*

6. The Licencee shall provide the GPS co-ordinates (in degrees, minutes and seconds of latitude and longitude) of all locations where sources of Water are utilized for all purposes.

Table 3, Drilling water intake locations 2023

Latitude	Longitude
65° 9.730' N	96° 6.089' W
65° 9.944' N	96° 6.617' W
65° 9.219' N	96° 8.250' W
65° 5.864' N	96° 18.665' W
65° 5.886' N	96° 18.960' W
65° 5.824' N	96° 19.567' W
65° 5.752' N	96° 20.361' W
65° 5.807' N	96° 18.866' W
65° 2.130' N	96° 2.197' W
65° 2.130' N	96° 2.197' W
65° 4.443' N	96° 4.612' W
65° 5.811' N	96° 19.636' W
65° 5.924' N	96° 19.778' W
65° 9.945' N	95° 54.135' W
65° 9.574' N	95° 53.984' W
65° 9.603' N	95° 54.682' W
65° 9.773' N	95° 53.719' W
65° 9.721' N	95° 54.842' W
65° 9.604' N	95° 54.684' W
65° 9.038' N	95° 58.672' W
65° 8.368' N	95° 58.591' W
65° 2.203' N	95° 56.414' W

7. The Licencee shall determine the GPS co-ordinates (in degrees, minutes and seconds of latitude and longitude) of all locations where Wastes associated with camp operations and drilling operations are deposited.

- *No exploration camp was operated in 2023 under this water licence. Drilling cutting was disposed of at the following locations:*

Table 4, Cutting disposal locations 2023

Latitude	Longitude
65° 9.577' N	96° 7.085' W
65° 9.577' N	96° 7.085' W
65° 9.577' N	96° 7.085' W
65° 9.577' N	96° 7.085' W
65° 9.577' N	96° 7.085' W
65° 9.577' N	96° 7.085' W
65° 9.577' N	96° 7.085' W
65° 9.577' N	96° 7.085' W
65° 9.577' N	96° 7.085' W
65° 9.577' N	96° 7.085' W
65° 9.577' N	96° 7.085' W
65° 9.577' N	96° 7.085' W
65° 9.577' N	96° 7.085' W
65° 9.577' N	96° 7.085' W
65° 9.577' N	96° 7.085' W
65° 5.910' N	96° 17.840' W
65° 5.910' N	96° 17.840' W
65° 5.910' N	96° 17.840' W
65° 5.910' N	96° 17.819' W
65° 4.375' N	96° 4.966' W
65° 2.118' N	90° 2.526' W
65° 9.818' N	95° 53.977' W
65° 9.574' N	95° 54.288' W
65° 9.702' N	95° 54.540' W
65° 9.734' N	95° 54.027' W
65° 9.756' N	95° 54.059' W
65° 9.796' N	95° 54.694' W
65° 9.718' N	95° 54.283' W
65° 2.308' N	95° 56.300' W

8. The Licencee shall determine the GPS co-ordinates (in degrees, minutes and seconds of latitude and longitude) of all drill holes located within thirty-one (31) metres of the ordinary High Water Mark, as per Part F, Item 2, and provide these locations on a map of suitable scale for review as part of the annual report.

- *No hole was drilled within thirty-one metres from the High Water Mark in 2023.*

9. The Licencee shall establish background and post drilling water quality for pH, conductivity, temperature and dissolved oxygen at the nearest downstream water body to drill locations. Monitoring is to be done just prior to commencement of drilling and weekly thereafter, concluding one week after drilling has been completed and the site restored.

- *No hole was drilled within thirty-one metres from the High Water Mark in 2023.*

10. The Licensee shall obtain representative samples of the Water column below any ice where required under Part F, Item 9 and 10. Monitoring shall include but not limited to the following

Table 5, Monitoring required when drilling on ice

Group	Parameters
Physical Parameters	pH, electrical conductivity, total suspended solids.
Major Ions	Calcium, chloride, magnesium, potassium, sodium, sulphate.
Total Metals	Aluminum, antimony, arsenic, barium, beryllium, boron, cadmium, chromium, copper, iron, lead, lithium, manganese, mercury, molybdenum, nickel, selenium, silver, strontium, tin, titanium, uranium, vanadium and zinc.

- *Some drilling on ice was conducted on shallow lakes relating to water licence conditions. As the lakes were frozen to bottom, no water samples were taken nor required.*

11. The Licensee shall establish baseline water quality conditions prior to drilling within thirty-one (31) metres of the ordinary High Water Mark as per Part F, Items 2 and 3. Monitoring shall include the following.

Table 7, Monitoring when drilling within thirty-one (31) meters from water

Group	Parameters
Physical Parameters	pH, electrical conductivity, total suspended solids, turbidity.
Major Ions	Calcium, chloride, magnesium, potassium, sodium, sulphate.
Total Metals	Aluminum, antimony, arsenic, barium, beryllium, boron, cadmium, chromium, copper, iron, lead, lithium, manganese, mercury, molybdenum, nickel, selenium, silver, strontium, tin, titanium, uranium, vanadium and zinc.

- *No hole was drilled within thirty-one metres from the High Water Mark in 2023*

k. Any other details on Water use or Waste.

- *No other details to provide.*

l. GPS co-ordinates (in degrees, minutes and seconds of latitude and longitude) for the locations of all temporary camps established in support of the project if the actual coordinates differ from that provided in the application;

- *No temporary camp installed under this water licence in 2023.*

m. A summary, including photographic records before, during and after any relevant construction activities or Modifications and/or major maintenance work carried out on facilities under this Licence and an outline of any work anticipated for the next year;

- *No relevant construction activities, modifications or major maintenance work were carried out in 2023 under this water licence and no relevant construction activities, modifications or major maintenance work are planned for 2024.*

n. Detailed discussion on the performance, installation, and evaluation, including the use of photographic record, of the primary and secondary containment functions used in fuel storage to safeguard impacts to freshwaters;

- *Since the Amaruq Exploration Camp has not been relocated yet, fuel tanks under the water licence 2BB-MEA1828 include only 3 double-wall fuel tanks located at the Meadowbank exploration camp site.*

o. An updated estimate of the current restoration liability required under Part B, Item 2, based upon the results of restoration assessment, project development monitoring and any changes or Modifications to the project;

- *An update of the Conceptual Closure and Reclamation Plan was submitted to the Board on October 28th, 2020, including an updated restoration estimate.*

p. A summary of public consultation/participation in relation to Water sue and/or Waste deposit, describing consultation with local organizations and residents of the nearby communities, if any were conducted.

- *March 15th - One (1) in person meeting with Rankin Inlet cabin owners on Nunavut exploration update.*
- *March 16th – One (1) in person meeting with Kangiqliniq Hunter and Trappers Organization on Nunavut exploration update.*
- *March 17th – One (1) community session in Rankin Inlet on Nunavut exploration update.*
- *May 31st to June 2nd – Three (3) in-person engagement sessions in Baker Lake (Elders, Hunters and Trappers and public session) on Nunavut exploration update.*
- *November 27th – One (1) in person meeting with Kangiqliniq Hunter and Trappers Organization on Nunavut exploration update.*
- *November 27th – One (1) in person meeting with Rankin Inlet Kivalliq Elders Advisory committee on Nunavut exploration update.*

q. Any other details on Water use or Waste disposal requested by the Board by the 1st November of the year being reported.

- *No other details requested by the Board by the 1st November 2023.*