



# **AGNICO EAGLE**

**ANNUAL REPORT 2022: WATER LICENCE 2BE-GOT1924**

**PRESENTED TO  
NUNAVUT WATER BOARD**

**FEBRUARY 2023**

**Contact:**

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**Water license 2BE-GOT1924, Part B item 2:**

**2. The Licensee 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 of Water use and Waste disposal activities;
  - *Under water licence 2BE-GOT1924, in 2022, water was only used for drilling activities during July and August. All the waste generated during the exploration activities was transported to the Whale Tail mine site where it was segregated and treated along with the waste generated by the mine. Only the cutting generated by drilling was disposed of near the drill sites at locations described in Table 3.*
- b. Quantity of Water (in cubic metres/day) obtained for drilling and other purposes from sources on, in or flowing through Crown Lands for the reporting period;
  - *Water was used for drilling activities in July and August.*

*Table 1, Water usage 2022*

Month	Water usage m <sup>3</sup> /day
January	0.0
February	0.0
March	0.0
April	0.0
May	0.0
June	0.0
July	77.0
August	29.2 * (average on 11 days of drilling)
September	0.0
October	0.0
November	0.0
December	0.0

- c. Quantity of Water (in cubic metres/day) obtained for drilling and other purposes from sources on, in or flowing through Inuit owned Land for the reporting period;
  - *No water was used in 2022 on, in or flowing through Inuit owned land, all water used came from Crown Lands.*
- d. Quantity of Waste disposed of on on-site Waste disposal facility;
  - *All waste generated by exploration activities in this area was transported to the Whale Tail Camp site where it was disposed of according to the waste management in place. Drilling cutting was disposed of near drilling sites in natural depressions at the locations detailed in Table 3.*
- e. Quantity of Waste backhauled to approved facility for disposal;
  - *All the waste generated during the exploration activities conducted under this water licence was transported to the mine site where it was segregated and treated along with the waste generated by the mine site.*
- f. A list of unauthorized discharges and a summary of follow-up actions taken;
  - *No unauthorized discharges occurred in 2022.*
- g. Any revisions to the management plans, as required by Part B, Item 7, submitted in the form of an Addendum;
  - *No revisions proposed at this time.*
- h. A description of all progressive and or final reclamation work undertaken, including photographic records of site conditions before, during and after completion of operations;
  - *A fuel cache was installed at the following location: 65° 29' 56.791" N; 97° 0' 7.287" W. 8 fuel drums, a spill kit and an extinguisher were stored in a secondary containment (berm).  
The fuel cache was removed on August 13<sup>th</sup> 2022 with material and drums transported back to the Whale Tail camp site.*



*Fuel cache removal, August 13<sup>th</sup> 2022*

- i. Report all artesian flow occurrences as required under Part F, Item 13;
  - *No artesian flow occurrences in 2022.*
- j. A summary of all information requested and results of the Monitoring Program;

Part J Item 1, the licensee 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 drilling and other purposes.

- *Described in part B item 2a)*

Part J item 2: the licensee shall measure and record, in cubic metres, the daily quantities of water that is used from sources located on, in or flowing through Inuit-owned Land, utilized for drilling and other purposes.

- *No water was used in 2022 on, in or flowing through Inuit owned land, all water used came from Crown Lands.*

Part J Item 3, the Licensee 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 2, Water intake locations 2022*

Details	Latitude	Longitude
Water intake for drilling	65° 30' 1.704" N	97° 0' 47.459" W
Water intake for drilling	65° 30' 12.775" N	97° 0' 22.463" W
Water intake for drilling	65° 30' 30.343" N	97° 1' 17.305" W

Part J Item 4, the Licensee shall determine the GPS co-ordinates (in degrees, minutes and seconds of latitude and longitude) of all locations where Wastes associated with drilling operations are deposited.

➤ *All the waste generated during the exploration activities conducted under this water licence was transported to the mine site where it was segregated and treated along with the waste generated by the mine site. Only the cutting generated by the drilling was disposed of near the drill sites with locations described in Table 3.*

*Table 3, Cutting disposal locations 2022*

Details	Latitude	Longitude
Cutting disposal	65° 30' 7.580" N	97° 0' 48.805" W
Cutting disposal	65° 30' 19.280" N	97° 1' 6.287" W
Cutting disposal	65° 30' 13.250" N	97° 0' 59.816" W
Cutting disposal	65° 30' 6.049" N	97° 1' 12.583" W
Cutting disposal	65° 30' 10.246" N	97° 0' 10.695" W
Cutting disposal	65° 30' 17.925" N	97° 0' 56.581" W
Cutting disposal	65° 30' 2.982" N	96° 59' 56.462" W
Cutting disposal	65° 30' 31.273" N	97° 1' 28.967" W

Part J Item 5, the Licensee shall obtain representative samples of the Water column below any ice where required under Part F, Item 5 and 6. Monitoring shall include but not limited to the following: 1) Total Suspended Solids; 2) pH; 3) Electrical Conductivity; 4) Total Trace Metals as determined by a standard ICP Scan (to include at a minimum the following elements: Al, Sb, Ba, Be, Cd, Cr, Co, Cu, Fe, Pb, Li, Mn, Mo, Ni Se, Sn, Sr, Tl, Ti, U, V, Zn), and 5) Trace Arsenic and Mercury.

➤ *No drilling on ice was conducted under this licence in 2022.*

Part J Item 6, all sampling, sample preservation and analyses shall be conducted in accordance with methods prescribed in the current edition of Standard Methods for the Examination of Water and Wastewater, or by such other methods approved by the Board in writing.

➤ *No sampling was done under this licence in 2022.*

*Part J Item 7, all analyses shall be performed in a laboratory accredited according to ISO/IEC Standard 17025. The accreditation shall be current and in good standing.*

➤ *No sampling was done under this licence in 2022.*

k. Details pertaining to locations of sump (s) and drill holes;

➤ *No sump was constructed, cutting were disposed of in natural depressions proximal to drilling sites. Drill hole locations is described in table 4.*

Table 4, Drill hole locations

Holes	Lat	Long
7026-22-012	65° 30' 7.611" N	97° 0' 51.138" W
7026-22-013	65° 30' 20.151" N	97° 1' 6.221" W
7026-22-014	65° 29' 55.250" N	97° 0' 54.801" W
7026-22-015	65° 30' 27.003" N	97° 1' 8.815" W
7026-22-016	65° 30' 13.851" N	97° 0' 58.837" W
7026-22-017	65° 30' 5.335" N	97° 1' 12.326" W
7026-22-018	65° 30' 11.423" N	97° 0' 11.773" W
7026-22-019	65° 30' 18.759" N	97° 0' 56.129" W
7026-22-020	65° 30' 1.832" N	96° 59' 57.484" W
7026-22-020A	65° 30' 1.832" N	96° 59' 57.484" W
7026-22-021	65° 30' 32.018" N	97° 1' 29.144" W
7026-22-21A	65° 30' 32.018" N	97° 1' 29.144" W

- 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 provide in the application;
- *No camp was established under this water licence.*
- 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 years;
- *No camp was established under this water licence.*
- n. Detailed discussion on the performance, installation, and evaluation, including the use of photographic record, of the primary and secondary containment functions use in fuel storage to safeguard impacts to freshwaters.
- *A fuel cache was installed at following location: 65° 29' 56.791" N; 97° 0' 7.287" W. 8 fuel drums, a spill kit and an extinguisher were stored in a secondary containment (berm).  
The fuel cache was removed on August 13<sup>th</sup> 2022 with material and drums transported back to the Whale Tail camp site.*



- o. A summary of public consultation/participation, describing consultation with local organizations and residents of the nearby communities, if any were conducted;
- *February 16<sup>th</sup> and 17<sup>th</sup> 2022, a meeting with Baker Lake Elders was conducted with the objective of mapping/protecting traditional use and placenames in connection with exploration activities.*
  - *April 4<sup>th</sup>, 2022 a community meeting in Baker Lake to present the 2022 exploration program.*
  - *April 18<sup>th</sup>, 2022 a presentation to BLHTO, Elders, Berry harvesters; to present an update of the 2022 exploration activities.*
  - *July 08, 2022 an update, including the exploration activities, was presented to the SAO, Mayor and Economic development coordinator of Chesterfield.*
  - *July 13<sup>th</sup>, 2022 a presentation to the Mayor, SAO and public works from Baker Lake was given to present the summer drilling campaign.*
  - *August 20<sup>th</sup>, 2022 annual meeting with Kivalliq Elders Advisory Committee. Discussion about traditional names at various exploration sites and discussion about impacts on water.*
  - *August 24<sup>th</sup>, 2022 meeting with Baker Lake women's group to identify favourite community berry harvesting areas and identification of favourite water sources.*
  - *October 18<sup>th</sup>, 2022, Presentation/discussion at Kivalliq Mayors meeting. Presentation to discuss concerning project lifecycle, training opportunities, role to help find more gold at Amaruq and Meadowbank.*
  - *November 14<sup>th</sup>, 2022, Discussion with Kivalliq Elders Executive Committee about mine, training opportunities, including drillers.*
- p. Any other details on Water use or Waste disposal requested by the Board by the 1<sup>st</sup> November of the year being reported;
- *No other details were requested by the Board.*