



AGNICO EAGLE

ANNUAL REPORT 2018: WATER LICENCE 2BE-HUC1823

**PRESENTED TO
NUNAVUT WATER BOARD**

FEBRUARY 2019

Contact:

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Water license 2BE-HUC1823, 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;
 - *Water used for the drilling was pumped from proximal lakes and ponds and for the camp, it was pumped from the lake nearby on the west side. Used water was disposed of in natural depressions located at least 31 meters from any water body.*
- 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;
 - *The drill used an average of 31m³/day from September 1st 2018 to September 28th 2018 and the camp used an average of 1m³/day from September 6th 2018 to October 2nd 2018.*

Table 1, water usage

Month	Camp (m ³ /day)	Drilling (m ³ /day)	Total (m ³ /day)
January	-	-	0
February	-	-	0
March	-	-	0
April	-	-	0
May	-	-	0
June	-	-	0
July	-	-	0
August	-	-	0
September	1.0	30.7	31.7
October	-	-	0
November	-	-	0
December	-	-	0

- 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;
- *No water obtained from sources on, in or flowing through Crown Land. All water sources used were located on Inuit Owned Lands.*
- d. Quantity of Waste disposed of on on-site Waste disposal facility;
- *No waste disposed of on site, except for the used water that was disposed of at least 31 meters from any water body. The waste generated at this exploration project was segregated and then transported to the Meliadine camp site. No waste incineration occurred on site in 2018.*
- e. Quantity of Waste backhauled to approved facility for disposal;
- *Except for the used water, the waste generated at this project was segregated on site and then transported to the Meliadine mine. No waste incineration occurred on site in 2018. An estimate of 500kg of domestic waste and 200 litres of hazardous waste (used oil and absorbent) were transported to the Meliadine site.*
- f. A list of unauthorized discharges and a summary of follow-up actions taken;
- *No unauthorized discharges occurred in 2018 at this project.*
- g. Any revisions to the 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;
- *The exploration camp was constructed in 2018 and no reclamation was conducted. For the drill sites, the reclamation consisted in removing the material and drill casings or cuttings off the casings at ground level.*

- i. Report all artesian flow occurrences as required under Part F, Item 13;
 - *No artesian flow occurrences encountered.*
- 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 the camp, drilling and other purposes.

 - *No water obtained from sources on, in or flowing through Crown Land.*

Part J Item 2, the Licensee shall provide the GPS co-ordinates (in degrees, minutes and seconds of latitude and longitude) of all location where sources of Water are utilized for all purposes.

- *Water intake locations*

Id	Latitude	Longitude	Purpose
0	62° 7' 56.705" N	93° 49' 58.016" W	Drilling
1	62° 7' 37.482" N	93° 50' 22.969" W	Drilling
2	62° 7' 43.986" N	93° 50' 50.269" W	Drilling
3	62° 7' 27.927" N	93° 50' 42.461" W	Drilling
4	62° 7' 26.403" N	93° 51' 4.096" W	Drilling
5	62° 7' 15.630" N	93° 51' 49.847" W	Drilling
6	62° 7' 8.636" N	93° 52' 15.626" W	Drilling
7	62° 6' 55.365" N	93° 52' 34.853" W	Drilling
8	62° 6' 30.051" N	93° 52' 47.330" W	Drilling
9	62° 6' 21.741" N	93° 52' 59.855" W	Drilling
10	62° 6' 12.529" N	93° 53' 2.873" W	Drilling
11	62° 7' 15.128" N	93° 51' 51.877" W	Camp

Part J Item 3, the Licensee 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.

- *Drill waste (cuttings) was disposed of proximal to drill hole sites in natural depressions located at a distance of at least thirty-one (31) metres from any water body and where direct flow into water body is not possible. See below for the drill hole coordinates.*

Drill hole coordinates

Hole	Latitude	Longitude
FL18-001	62° 6' 23.766" N	93° 52' 58.613" W
FL18-002	62° 6' 14.833" N	93° 52' 56.622" W
FL18-003	62° 6' 35.894" N	93° 52' 37.911" W
FL18-004	62° 6' 35.990" N	93° 52' 30.878" W
FL18-005	62° 7' 7.635" N	93° 52' 10.371" W
FL18-006	62° 6' 55.410" N	93° 52' 30.265" W
FL18-007	62° 7' 39.012" N	93° 50' 18.690" W
FL18-008	62° 7' 38.650" N	93° 49' 52.989" W
FL18-009	62° 7' 42.115" N	93° 50' 5.806" W
FL18-010	62° 7' 47.957" N	93° 49' 31.527" W
FL18-011	62° 7' 37.097" N	93° 50' 10.499" W
FL18-012	62° 7' 40.470" N	93° 50' 42.537" W
FL18-013	62° 7' 23.831" N	93° 50' 40.866" W
FL18-014	62° 7' 10.964" N	93° 51' 46.590" W
FL18-015	62° 7' 10.973" N	93° 51' 40.911" W
FL18-016	62° 7' 12.044" N	93° 51' 43.273" W
FL18-017	62° 7' 40.756" N	93° 50' 16.771" W
FL18-018	62° 7' 25.297" N	93° 51' 7.347" W
FL18-019	62° 7' 19.081" N	93° 51' 25.965" W

- *Other waste types generated during the exploration activities (ex: domestic waste, hazardous waste, scrap metal, etc) were transported regularly to the Meliadine Mine site to be segregated according to the waste management plan in place.*

Part J Item 4, 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 conducted in 2018.*

Part J Item 5, 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 done under this licence in 2018.*

Item 6, 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 done under this licence in 2018.*

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

➤ *Cuttings at drill holes were disposed of near the drilling sites in natural depressions located at more than 31 metres from water body and where direct flow into the water was not possible.*

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;

➤ *The exploration camp has been established at: 62° 7' 14.641" N, 93° 51' 42.201" W.*

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;

- *Exploration camp installed on the Huckleberry property, summer 2018*



- *No major works are anticipated at this camp in 2019.*
- n. Detailed discussion on the performance, installation, and evaluation, including the use photographic record, of the primary and secondary containment functions use in fuel storage to safeguard impacts to freshwaters.
- *A limited volume of fuel was transported to the Huckleberry site in drums that were stored in secondary containment (berm) to safeguard impacts to the environment in case of spill. No spill occurred at this site in 2018.*

- Fuel drums stored in secondary containment at the Huckleberry exploration project, summer 2018.



- o. A summary of public consultation/participation, describing consultation with local organizations and residents of the nearby communities, if any were conducted;
 - **On 2018-02-14** a meeting between Agnico Eagle and Arviat representatives, including the Mayor and Senior Administrative Officer, was conducted to discuss about the Nunavut Agnico Eagle Exploration projects.
 - **On 2018-02-19** a public meeting in the Hamlet of Rankin Inlet was conducted. The meeting included discussions about the Meliadine project, but also information concerning the exploration activities planned in the Whale Cove area.
 - **On 2018-05-09** a meeting with the Mayor of Whale Cove was conducted to discuss about employment opportunities created by the exploration activities planned in the vicinity of Whale Cove by Agnico Eagle.
 - **On 2018-07-19** a meeting with the Whale Cove Hamlet Council and Senior Administrative Officer was conducted to discuss about the exploration activities planned in the vicinity of Whale Cove.

- **On 2018-08-28** a public meeting in the Hamlet of Whale Cove was organized by Agnico Eagle. The intention of this meeting was to discuss the exploration activities planned in vicinity of Whale Cove. Employment was one of the topics of interest for the attending people.
 - **On 2018-08-30**, at the Rankin Inlet Open House, information concerning Agnico Eagle's activities was given. There were tables installed with Agnico Eagle representatives prepared to give information and answer questions on the topics presented. There was a table concerning Nunavut exploration activities.
 - **On 2018-09-21** a meeting with the Arviat HTO was conducted in Arviat. Discussion about the naming of the locations, the areas used for traditional activities and other land used were discussed.
- p. 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 were requested by the Board.