



WATER LICENCE INSPECTION FORM

☒ Original

☐ Follow-Up Report

Licensee	Licensee Representative
Hamlet of Baker Lake	Sheldon Dorey
Licence No. / Expiry	Representative's Title
3BM-BAK1526/ December 6, 2026	Senior Administrative Officer
Land / Other Authorizations	Land / Other Authorizations
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Date of Inspection	Inspector
18/07/2018	Atuat Shouldice
Activities Inspected	
<div><input type="checkbox"/> Camp<input type="checkbox"/> Drilling<input type="checkbox"/> Mining<input type="checkbox"/> Construction<input type="checkbox"/> Reclamation<input type="checkbox"/> Fuel Storage</div> <div><input type="checkbox"/> Roads/Hauling<input checked="" type="checkbox"/> Other: Waste Disposal Facility<input checked="" type="checkbox"/> Other: Water Treatment Facility</div>	

Conditions: A- Acceptable U-Unacceptable C-Concern NI-Not Inspected NA- Not applicable

PART:	Item No.*	Condition	Observation No.*
A: SCOPE, DEFINITIONS AND ENFORCEMENT	--	A	--
B: GENERAL CONDITIONS	1,3,5	A,U,A	1,2,3
C: CONDITIONS APPLYING TO WATER USE	2	C	2
D: CONDITIONS APPLYING TO WASTE DISPOSAL	7,8	A,A	4,5
E: CONDITIONS APPLYING TO MODIFICATIONS AND CONSTRUCTION	--	--	--
F: CONDITIONS APPLYING TO OPERATION AND MAINTENANCE	2,3,4	U,U,U	6,7
G: CONDITIONS APPLYING TO ABANDONMENT AND RECLAMATION	2	U	8
H: CONDITIONS APPLYING TO MONITORING PROGRAM	1,3	A,C	9,2

**The item number corresponds with specific conditions within the licence and the observation number corresponds with specific comments provided below.*

Samples taken by Inspector:

☐ Yes ☒ No

Location(s): --

SECTION 1 ☒ Comments (s._1_) ☐ Non-Compliance with Act or Licence (s._) ☐ Action Required (s._)

BACKGROUND

The Hamlet of Baker Lake is in the Kivalliq Region of Nunavut’s mainland, located approximately 320 km West of Hudson Bay. The Hamlet is located at the mouth of the Thelon River on the North shore of Baker Lake. The population in 2016 was 2063.

Inspector’s Statement

On July 18th, 2018, a water licence inspection was conducted of water licence no. 3BM-BAK1526 issued to the Hamlet of Baker Lake. Paul Naryarnik, Hamlet of Baker Lake and Connor Faulkner, Community and Government Services assisted with the inspection.

Observation

1. The Annual report is available for review on the Nunavut Water Board’s FTP website.

2. The flow meter at the Water Treatment Plant (WTP) is not functioning properly to allow the inspector to record accurate water use. Water use is recorded by an on tap delivery system. The inspector requests clarity on how the utilidor water use is captured in the annual water use totals.

3. The WTP and Solid Waste Facility (SWF) are equipped with signage.

4. The Hamlet has reorganized the SWF and securing hazardous materials. Hazardous waste is being segregated and stored in sea cans.

5. With the assistances of Agnico Eagle Mine, the Hamlet is backhauling hazard waste this year on Agnico Eagle Mine’s ships, to be properly treated and disposed of.

6. A revised *Operation and Maintenance for the Water, Sewage and Solid Waste Facility Plan* is not available for review on the Nunavut Water Board’s FTP website.

7. An engineering report, as required by part F item 3 and 4 was not available for review.

8. A revised *Abandonment and Restoration for the Water, Sewage and Solid Waste Facility Plan* is not available for review on the Nunavut Water Board’s FTP website.

9. The 2017 Monitoring Program results were submitted with the Annual report.



SECTION 2

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Comments

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Non-Compliance with Act or Licence

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Action Required

Concerns related to Water Licence no. 3BM-BAK1526;

Part B Item 3: The Licensee shall install a flow meter to measure water use.

The Licensee has failed to maintain the flow meter at the Water Treatment Plant. The Licensee will install an appropriate measuring device before the term of the next inspection.

Part C Item 2: The Licensee shall not exceed one hundred thousand (100,000) cubic meters annually.

The Licensee shall clarify to the inspector, how water use is metered to facilities on the utilidor system, no later than March 31st, 2019.

Part F Item 2: The Licensee shall submit a revised Operation and Maintenance for the Water, Sewage and Solid Waste Facility Plan.

The Licensee has failed to submit the Plan as required by this condition. The Licensee will submit a revised Plan as required, no later than March 31st, 2019 to the Nunavut Water Board.

Part F Item 3: The Licensee shall submit an Engineer's report annually.

The Licensee shall submit, to the Nunavut Water Board, the report as required by this condition, with the 2018 Annual report.

Part F Item 4: The Licensee shall submit a Geotechnical Engineer's report annually.

The Licensee shall submit, to the Nunavut Water Board, the report as required by this condition, with the 2018 Annual report.

Part G Item 2: The Licensee shall submit a revised Abandonment and Restoration for the Water, Sewage and Solid Waste Facility Plan.

The Licensee has failed to submit the Plan as required by this condition. The Licensee will submit a revised Plan as required, no later than March 31st, 2019 to the Nunavut Water Board.

Part H Item 3: The Licensee shall record the daily, monthly and annual water use quantities.

The Licensee has failed to maintain the flow meter at the Water Treatment Plant. The Licensee will install an appropriate measuring device before the term of the next inspection.

SECTION 3

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Comments

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Non-Compliance with Act or Licence

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Action Required

The Hamlet has made great changes to the management of the Solid Waste Facility in 2018. The Hamlet is in line to fulfill the goals outlined in the Water Licence Compliance Working Group.

Licensee or Representative

Sheldon Dorey

Signature

Date

Inspector's Name

Atuat Shouldice

Signature

Sent Electronically

Date

February 12th, 2018

CC: Licensing Department, NWB
 Justin Hack, Manager of Field Operations, CIRNAC
 Megan Lusty, Municipal Works, CGS

