



WATER LICENCE INSPECTION FORM

☒ Original

☐ Follow-Up Report

Licensee	Licensee Representative
Hamlet of Chesterfield Inlet	Roy Mullins
Licence No. / Expiry	Representative's Title
3BM-CHE1523/ May 14 <sup>th</sup> , 2023	Senior Administrative Officer
Land / Other Authorizations	Land / Other Authorizations
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Date of Inspection	Inspector
August 17 <sup>th</sup> 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 and Water Treatment Facility<input checked="" type="checkbox"/> Other: Landfarm</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	--	--	--
B: GENERAL CONDITIONS	1,5,6	A,C,A	1,2,3
C: CONDITIONS APPLYING TO WATER USE	1,2,5	A,A,A	4,5,6
D: CONDITIONS APPLYING TO WASTE DISPOSAL	4,4,7	A,A,A	7,8,9
E: CONDITIONS APPLYING TO MODIFICATIONS AND CONSTRUCTION	--	--	--
F: CONDITIONS APPLYING TO OPERATION AND MAINTENANCE	--	--	--
G: CONDITIONS APPLYING TO ABANDONMENT AND RECLAMATION	--	--	--
H: CONDITIONS APPLYING TO MONITORING PROGRAM	1	A	10

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

Samples taken by Inspector:	Location(s): CHE-4, Final Discharge for Effluent for the wet land treatment area prior to the Finger Bay.
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

SECTION 1    ☒ Comments (s.\_1\_)    ☐ Non-Compliance with Act or Licence (s.\_\_)    ☐ Action Required (s.\_\_)

**BACKGROUND**

The Hamlet of Chesterfield Inlet is in the Kivalliq Region of Nunavut, located approximately 101 km Northeast of Rankin Inlet.

**Inspector's Statement**

On August 17<sup>th</sup>, 2018, a water licence inspection was conducted of water licence no. 3BM-CHE1523, issued to the Hamlet of Chesterfield Inlet. Roy Mullins, Senior Administrative Officer assisted with the inspection.

**Observation**

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

2. A flow meter has been installed at the fresh water intake, Puiqsuk Lake. The flow was broken at the time of inspection.

3. Appropriate signage is observed at the monitoring stations, as required by PART B item 6.

4. Water is drawn from Puiqsuk Lake using a conveyance line to the water reservoir.

5. The conveyance line from Puiqsuk Lake to the water reservoir is in need of repair; there are a number of holes in the line which causes water lose from the source to the reservoir. New pipe is to arrive on this season's barge.

6. The fresh water intake is equip with a screen.

7. The Sewage Disposal Facility ('SDF') has two sewage truck drop-off locations. The Hamlet predominately uses the new drop off location but, on an emergency basis, has had to use the old location because of back spray during bad weather events.

8. Sludge was removed from the settling pond of the SDF this year. The sludge was disposed of in an area designated for sludge in the Solid Waste Disposal Facility ('SWDF').

9. The Hamlet is segregating waste in the SWDF. Hazardous waste (e.g.: batteries and waste oil) is being placed into seacan with the intention to ship south for treatment. The Hamlet is currently looking for funding to complete this activity.

10. Samples have been collected by the inspector at monitoring station no. CHE-4. This is the final discharge point for effluent from the SDF. The inspector noted compliance with the quality limits prescribed in PART D item 4.



SECTION 2	<input type="checkbox"/> Comments	<input checked="" type="checkbox"/> Non-Compliance with Act or Licence	<input type="checkbox"/> Action Required
<b>Concerns related to Water Licence no. 3BM-CHE1523;</b>			
<i>PART B Item 5: Failure to maintain a flow meter for measuring water volumes as required under Part H Item 1.</i>			
<div><div>—</div>The licensee shall install a flow meter at the water intake before the period of the next inspection.</div>			
<div><div>—</div>The licensee is required to maintain a flow meter at the water intake in accordance with the conditions of this licence and s.11 of the <i>Nunavut Waters and Nunavut Surface Rights Tribunal Act</i>.</div>			
SECTION 3	<input type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input checked="" type="checkbox"/> Action Required
The Hamlet has made great changes to the management of the Solid Waste Disposal Facility in 2018. The Hamlet is reminded that fresh water must be metered from the source to ensure that all water use is correctly recorded.			
The Inspector was satisfied with the work completed this year at the Solid Waste Disposal Facility.			

Licensee or Representative	Inspector's Name
Roy Mullins	Atuat Shouldice
Signature	Signature
	Sent Electronically
Date	Date
	February 12th, 2018

CC:

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