



WATER LICENCE INSPECTION FORM

☒ Original
☐ Follow-Up Report

Licensee		Licensee Representative	
Hamlet of Clyde River		John Ivey	
Licence No. / Expiry		Representative's Title	
3BM-CLY1419		Senior Administrative Officer	
Land / Other Authorizations			
None			
Date of Inspection		Inspector	
July 20, 2015		Justin HACK	
Activities Inspected			
<input checked="" type="checkbox"/> Camp/Municipality	<input type="checkbox"/> Drilling	<input type="checkbox"/> Mining	<input type="checkbox"/> Construction
<input type="checkbox"/> Roads/Hauling	<input type="checkbox"/> Other:	<input type="checkbox"/> Other:	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Fuel Storage			

Conditions:		A - Acceptable	C - Concern	U - Unacceptable	NA – Not Applicable	NI – Not Inspected	
Water Use		Condition	Comment	Site Conditions		Condition	Comment
Intake/Screen		A		Water Management Structures		A	
Flow Measure. Device		A		Culverts / Bridges		A	
Source:		A		Drainage		A	
Water Use:		A		Erosion / Sediment		A	
Recirculation (y /n)		NA		Mitigation Measures		A	
				Reclamation Activities		A	
				Materials Storage		A	
Waste Disposal				Signage		A	
Waste Water		A					
Solid Waste		A		Monitoring			
Hazardous Waste		A		Sample Collection / Analysis		NI	
*The number in the comments field will correspond with specific comments provided below.							
Samples taken by Inspector:			Location(s): CLY-6B				
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No							

SECTION 1	<input checked="" type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input type="checkbox"/> Action Required
<u>Inspectors Statement</u>			
<p>On July 22 2015, a water licence inspection was conducted at the Hamlet of Clyde River, Qikiqtani Region, Nunavut.</p> <p>The Hamlet of Clyde River has an active licence. The Licensee is permitted to use of 145 cubic meters of water per day, and is permitted to discharge treated sewage into the environment from the Sewage Disposal Facility. No deposit of wastes into the environment is permitted from the Solid Waste Disposal Facility.</p> <p><u>Inspection</u></p> <p>Water Use and related structures:</p> <ol style="list-style-type: none">Water is being withdrawn from Water Source Lake as approved in the Water Licence.No issues were noted at the facility.A secondary source for the community is being identified. <p>Sewage Disposal Facility</p> <ol style="list-style-type: none">At the time of inspection, both sewage lagoon cells were in-use and were retaining the sewage until decanting occurs. This is expected to occur in the fall.Berm walls surrounding the facility did not show signs of slumping or cracking.Freeboard height was sufficient (greater than 1m).The Licensee highlighted that the gravity fed effluent decant pipe is frozen shut due to permafrost in the berm. To decant the facility, pumping the effluent through hoses over the berm wall has been required. I have no concern with this practice.No concerns were noted with the operation of this facility. <p>Solid Waste Facility:</p> <ol style="list-style-type: none">The domestic waste site exists on top of a hill located well away from any streams and lakes. The ocean is approximately 1km down gradient of the domestic waste site.New fencing was installed around the facility to prevent materials from blowing into waters.The Licensee manages domestic waste through a burning and covering procedure.Culverts installed into the domestic waste site appear to capture and channel small amounts of leachate into the surrounding soil. The leachate does not appear to enter any surface waters.			



Metal Storage Area

- 13. The community is segregating and storing metals, vehicles, old sewage tanks in the area designated at the Metal Storage Area.
- 14. This area also is located on the top of a small hill located well away from any lakes and streams.
- 15. No active flows of water were moving through the Facility, so any leachate appears to be minimized.

Reports/Records:

- 16. Records for Water Use were in good order.
- 17. Issues related to Part H (Monitoring Program) of the Licence will be addressed during the next Water Licence Compliance Working Group meeting.

Hazardous Waste:

- 18. Hazardous materials and waste are being segregated.
- 19. Batteries are being stored in a contained sea can in anticipation for transportation to a southern disposal facility reducing possible risk of this waste entering water.

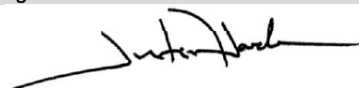
SECTION 2

☐ Comments

☐ Non-Compliance with Act or Licence

☐ Action Required

Click here to enter text.

Inspector's Name	
Justin Hack	
Signature	
	
Date	
August 24, 2015	