

WATER LICENCE INSPECTION FORM

☒ Original

☐ Follow-Up Report

Licensee	Licensee Representative
Hamlet of Clyde River	David Arreak
Licence No. / Expiry	Representative's Title
3BM-CLY1419	Forman
Land / Other Authorizations	
None	
Date of Inspection	Inspector
October 6, 2017	Jonathan Mesher
Activities Inspected	
<input checked="" type="checkbox"/> Camp/Municipality	<input type="checkbox"/> Drilling
<input type="checkbox"/> Roads/Hauling	<input type="checkbox"/> Mining
	<input type="checkbox"/> Construction
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Fuel Storage
	<input type="checkbox"/> Other:

Conditions:	A - Acceptable	C - Concern	U - Unacceptable	NA – Not Applicable	NI – Not Inspected			
Water Use	Condition	Comment	Site Conditions	Condition	Comment	Haz/Mat Management	Condition	Comment
Intake/Screen	NI		Water Management Structures	A		Storage	A	
Flow Measure. Device	NI		Culverts / Bridges	A		Spills	NI	
Source:	NI		Drainage	A		Spill Plan	A	
Water Use:	A		Erosion / Sediment	A				
Recirculation (y /n)	NA		Mitigation Measures	A		Administrative		
			Reclamation Activities	A		Records	NA	
			Materials Storage	A		Reports	NA	
Waste Disposal			Signage	A		Plans	NA	
Waste Water	A					Notifications	NA	
Solid Waste	A		Monitoring			Other		
Hazardous Waste	C	16	Sample Collection / Analysis	NI				
*The number in the comments field will correspond with specific comments provided below.								
Samples taken by Inspector:		Location(s):						
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No								

SECTION 1	<input checked="" type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input type="checkbox"/> Action Required
Inspectors Statement			
On October 6, 2017, a water licence inspection was conducted at the Hamlet of Clyde River, Qikiqtani Region, Nunavut.			
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.			
Inspection			
Water Use and related structures:			
1. Water is being withdrawn from Water Source Lake as approved in the Water Licence.			
2. No issues were noted at the facility.			
Waste Water Treatment Facility.			
3. The northeast berm wall showed sign of erosion from within the facility.			
4. Freeboard height was sufficient (greater than 1m).			
5. No concerns were noted with the operation of this facility.			
Solid Waste Facility:			
6. 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.			
7. New fencing was partially installed around the facility to prevent windblown litter.			
8. The Licensee manages domestic waste through a burning and covering procedure.			
Metal Storage Area:			
9. The community is segregating and storing metals, vehicles, and old sewage tanks in the area designated at the Metal Storage Area.			
10. This area also is located on the top of a small hill located well away from any lakes and streams.			

Reports/Records:

11. Records for Water Use were in good order.

Hazardous Waste:

12. Hazardous materials and waste are being segregated in a berm near the solid waste disposal facility.
13. The Licensee’s storage of hazardous waste has been noted as a concern in the 2016 inspection report.

i. In the 2016 inspection report the inspector requested that no additional hazardous waste be placed in the segregated area until the capacity issue is addressed.

ii. While comparing photos from 2016 and 2017 inspections, it was evident that the licensee has placed material within this facility after the 2016 inspection. See figure 1 and 2 below for comparison of the hazardous waste storage area.

iii. The inspector is requesting the Licensee develop a plan to address INAC’s concerns with the licensee’s storage of hazardous waste.
14. 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.

Click here to enter text.

Inspector’s Name

Jonathan Mesher

Signature

Date

October 31, 2017

PHOTO LOG

Date	Camera	Inspector	Authorization
06/10/2017	SONY DSC-HX50V	Jonathan Mesher	3BM-ICLY1419



Figure 1: Hazardous waste storage during the 2017 inspection.



Figure 2: Hazardous waste storage during the 2016 inspection.