



WATER LICENCE INSPECTION FORM

☒ Original  
☐ Follow-Up Report

Licensee	Licensee Representative
Hamlet of Igloolik	Joasai Kublu
Licence No. / Expiry	Representative's Title
3BM-IGL1520	Director of Public Works
Land / Other Authorizations	
None	
Date of Inspection	Inspector
August 8 , 2015	Justin HACK
Activities Inspected	
<input checked="" type="checkbox"/> Camp/Municipality	<input type="checkbox"/> Drilling
<input type="checkbox"/> Roads/Hauling	<input type="checkbox"/> Mining
<input type="checkbox"/> Other:	<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	A		Water Management Structures	A		Storage	A	
Flow Measure. Device	A		Culverts / Bridges	A		Spills	A	
Source:	A		Drainage	A		Spill Plan	A	
Water Use:	A		Erosion / Sediment	A				
Recirculation ( y /n)	NA		Mitigation Measures	A		Administrative		
			Reclamation Activities	A		Records	C	
			Materials Storage	A		Reports	C	
Waste Disposal			Signage	A		Plans	NI	
Waste Water	A					Notifications	NA	
Solid Waste	C	12, 13	Monitoring			Other		
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):					
<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
<u>Inspectors Statement</u>			
<p>On August 8 2015, a water licence inspection was conducted at the Hamlet of Igloolik, Qikiqtani Region, Nunavut. Sites inspected included the freshwater lake (South Lake), potential secondary water source (Fish Lake), water storage reservoir, sewage lagoon, metal storage facility.</p> <p>A new water licence was issued for March 31, 2015 and is to expire on March 30, 2020.</p> <p><b>Water Use and related structures:</b></p> <ol style="list-style-type: none"><li>The Licencee is permitted to use up to 299 cu m of water per day. Appropriate records of water use were being maintained.</li><li>Water is being withdrawn from South Lake using the appropriate Water Supply Facilities and is stored at the Hamlet Reservoir. At the time of inspection, South Lake was actively being pumped to fill the reservoir before freeze-up.</li><li>Fish Lake was inspected; no water was being used from this lake at the time of inspection. The Licencee is encouraged to include the use of water from this lake in an amendment in case of an emergency.</li><li>No concerns with erosion or sedimentation were apparent at the time of inspection at any Water Use Facility or related structure.</li></ol> <p><b>Waste Water Treatment Facility</b></p> <ol style="list-style-type: none"><li>At the time of inspection, the sewage lagoon was in-use, operating as intended, and was retaining the sewage until decanting occurs.</li><li>Berm walls surrounding the facility did not show signs of slumping or cracking.</li><li>Freeboard height was sufficient.</li><li>No concerns were noted with the operation of this facility.</li></ol> <p><b>Metal Storage Area:</b></p> <ol style="list-style-type: none"><li>Metal and Hazardous Wastes were being segregated in the Metal Storage Area.</li><li>Hazardous wastes were being stored in sea cans in preparation for southern disposal. No signs of waste entering water were noted at this area.</li></ol>			



Domestic Waste Facility

- 11. The Licensee manages domestic waste through a burning and covering procedure.
- 12. The Licence requires that all solid wastes be permanently contained within the Solid Waste Disposal Facility.  
There were no signs of leachate coming from the facility at the time of inspection; however, considering this is an unlined and unbermed facility, leachate generation during rain events is likely.
- 13. Since the Domestic Waste Facility in its current form is an approved facility under the water licence, the Water Board and/or Hamlet should address the management of leachate and include its generation and discharge as part of the water licence.

Reports/Records:

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

SECTION 2

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Comments

☐

Non-Compliance with Act or Licence

☐

Action Required

Click here to enter text.

Inspector's Name

Justin Hack

Signature

Date

September 17, 2015