

**WATER LICENCE INSPECTION FORM**

Original
 Follow-Up Report

Licensee	Licensee Representative				
Department of National Defence (DND)	Vincent Millaire				
License No. / Expiry	Representative's Title				
3BC-BAF0919	Environmental Officer				
Land / Other Authorizations					
Date of Inspection	Inspector				
08/24/2017	Jonathan Mesher				
Activities Inspected					
<input type="checkbox"/> Municipality	<input type="checkbox"/> Drilling	<input type="checkbox"/> Mining	<input type="checkbox"/> Construction	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Fuel Storage
<input type="checkbox"/> Roads/Hauling	<input checked="" type="checkbox"/> Other: Camp	<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
Intake/Screen	A		Water Management Structures	A	Storage
Flow Measure. Device	A		Culverts / Bridges	A	Spills
Source:	A		Drainage	A	Spill Plan
Water Use:	A		Erosion / Sediment	A	
Recirculation (y / n)			Mitigation Measures	A	Administrative
			Reclamation Activities	NI	Records
			Materials Storage	A	Reports
Waste Disposal			Signage	A	Plans
Waste Water	A				Notifications
Solid Waste	A		Monitoring		Other
Hazardous Waste	A		Sample Collection / Analysis	A	

*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
Inspection			
<p>On August 23, 2017, a water licence inspection was conducted at the North Warning Site BAF-3, Qikiqtani Region, Nunavut. The Licence 3BC-BAF0919 allows the camp to use 1,750 cubic metres annually and to dispose of effluent at the sewage Disposal Facility.</p> <p>1. Raw Water Source.</p> <ul style="list-style-type: none"> a) The licensee pumps water from the Water Source Lake to two reservoirs at the main camp. b) Records were made available to the inspector. c) A flow meter and intake screen were installed at the time of the inspection. d) No issues were noted about it use of water. <p>2. Sewage Disposal Facility.</p> <ul style="list-style-type: none"> a) The Licensee pumps effluent and grey water from a settling tanks into a sump near the facility (see figure 1 for a picture of the sump). b) The facility appears to be operating as intended at the time of the inspection and no issues were noted. c) It does not appear to the inspector that his facility affects inland waters. <p>3. Hazardous waste.</p> <ul style="list-style-type: none"> a) The licensee stores hazardous waste from surrounding sites at Baf-3 before shipping it to a disposal facility in Quebec. b) The licensee stores it hazardous waste in berms near the main camp. c) No concerns were noted about this storage of hazardous waste. d) See figure 2 for hazardous waste storage. 			



4. Spill Clean up

- a) The Licensee is currently conducting clean up on a spill from 2015 near the main camp.
- b) They are currently using the following methods to clean up the spill; Hydrogen peroxide, Fume extraction, Test pits, and they are monitoring natural drainages and depressions in order to determine the flow path. See figure 3 and 4 for treatment at the time of the inspection.
- c) No concerns were noted at the time of the inspection.



Figure 1: Sewage disposal facility



Figure 2: Hazardous waste storage



Figure 3: vapour extraction.



Figure 4: Hydrogen peroxide treatment.

Inspector's Name	
Jonathan Mesher	
Signature	
Signature on original report	
Date	
September 14, 2017	



Indigenous and
Northern Affairs Canada

Affaires autochtones
et du Nord Canada