



WATER LICENCE INSPECTION FORM

☒ Original
☐ Follow-Up Report

Licensee		Licensee Representative	
Department of National Defence (DND)		Vincent Millaire	
Licence 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"/> Roads/Hauling	<input checked="" type="checkbox"/> Other: Camp	<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)				Mitigation Measures		A	
				Reclamation Activities		NI	
				Materials Storage		A	
Waste Disposal				Signage		A	
Waste Water	A						
Solid Waste	A			Monitoring			
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

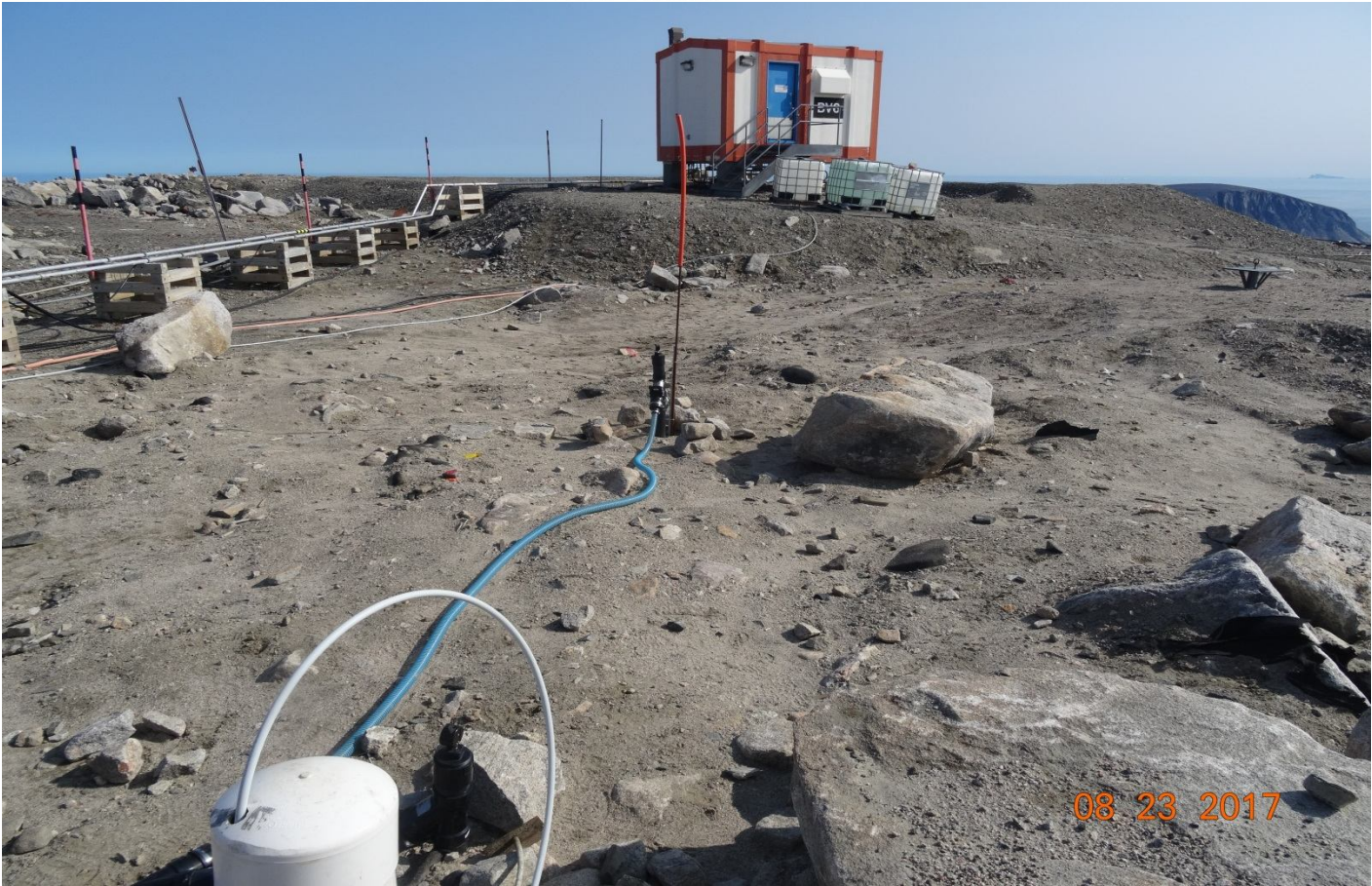


Figure 3: vapour extraction.



Figure 4: Hydrogen peroxide treatment.

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

