

**WATER LICENCE INSPECTION FORM**

Original
 Follow-Up Report

Licensee		Licensee Representative		
North Warning System Office 455 Boulevard de la Carriere, Gatineau, Quebec, J8Y 6W6		Don Beattie		
Licence No. / Expiry 3BC-FOD0919		Representative's Title Environmental Officer		
Land / Other Authorizations				
Date of Inspection 08/25/2017		Inspector Jonathan Mesher		
Activities Inspected				
<input type="checkbox"/> Municipality <input type="checkbox"/> Roads/Hauling		<input type="checkbox"/> Drilling <input checked="" type="checkbox"/> Other: Camp	<input type="checkbox"/> Mining <input type="checkbox"/> Construction <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	Haz/Mat Management	Condition	Comment
Intake/Screen	A		Water Management Structures	A		Storage	A	
Flow Measure. Device	A		Culverts / Bridges	NI		Spills	C	
Source:	A		Drainage	NI		Spill Plan	A	
Water Use:	A		Erosion / Sediment	A				
Recirculation (y/n)			Mitigation Measures	A		Administrative		
			Reclamation Activities	A		Records	A	
			Materials Storage	A		Reports	A	
Waste Disposal			Signage	A		Plans	NI	
Waste Water	A					Notifications	A	
Solid Waste	A		Monitoring			Other		
Hazardous Waste	C		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
Background			
Water Licence 3BC-FOD0919 issued to the Government of Canada Department of National Defence for the use of water not exceeding 1440m ³ annually and the deposit of waste during the operation and maintenance of the FOX-3 Long Range Radar Station located north of Dewar Lakes on Baffin Island within the Qikiqtani Region, Nunavut.			
Inspection			
<p>1. Water Lake</p> <ul style="list-style-type: none"> a) The licensee trucks water from the Water Lake to 6 (six) raw water tanks within the main facility. b) No signs of drawdown or erosion were noted during the inspection. c) This facility appears to be working as intended. See figure 1 for the water source. <p>2. Sewage disposal facility</p> <ul style="list-style-type: none"> a) The Licensee treats the sewage inside the main facility and disposes of it in a sump. b) This deposit of waste does not appear to effect inland waters, the nearest body of water is approximately 7Km from the sump. c) No issues were noted about this deposit of waste. See figure 2 for the sump. <p>3. Historical spills</p> <ul style="list-style-type: none"> a) On site there are two spills that are concerning, one being a pipe line failure and the other a helicopter crash. b) Both spills have been mentioned in past Water Licence inspection reports and remain in the same state. c) The Licensee had intention of constructing a engineered land farm in order to remediate the soil on site in 2017 but, a technical advisor at the NWB requested they get an amendment to their licence in order to construct a land farm. d) This request from the NWB has delayed the remediation of the spills until 2018. e) See figure 3 and 4 for the spill sites. 			



Figure 1: raw water source.



Figure 2: sewage disposal facility.



Figure 3: helicopter crash/spill site.



Figure 4: Pipeline line spill



Inspector's Name	
Jonathan Mesher	
Signature	
Signature on original document	
Date	
September 19, 2017	