



WATER LICENCE INSPECTION FORM

Original
 Follow-Up Report

Licensee		Licensee Representative							
Department of National Defence		Ian Creighton							
Licence No. / Expiry		Representative's Title							
3BC-FOH0919		Major							
Land / Other Authorizations		Land / Other Authorizations							
		--							
Date of Inspection		Inspector							
September 10 th , 2015		Justin HACK							
Activities Inspected									
<input checked="" type="checkbox"/> Camp <input type="checkbox"/> Roads/Hauling		<input type="checkbox"/> Drilling <input type="checkbox"/> Other: Culvert		<input type="checkbox"/> Mining <input type="checkbox"/> Other: Culvert		<input type="checkbox"/> Construction <input type="checkbox"/> Other: Bridge		<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	NI			Water Management Structures	A			Storage	A		
Flow Measure. Device	A			Culverts / Bridges	NA			Spills	A		
Source:	A			Drainage	A			Spill Plan	A		
Water Use:	A			Erosion / Sediment	A						
Recirculation (y /n)	N			Mitigation Measures	A			Administrative			
				Reclamation Activities	A			Records	A		
				Materials Storage	A			Reports	A		
Waste Disposal				Signage	A			Plans	A		
Waste Water	A							Notifications	A		
Solid Waste	A			Monitoring				Other			
Hazardous Waste	A			Sample Collection / Analysis	NI						
<i>*The number in the comments field will correspond with specific comments provided below.</i>											
Samples taken by Inspector:		Location(s):									
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No											

SECTION 1	<input checked="" type="checkbox"/> Comments (s.1)	<input type="checkbox"/> Non-Compliance with Act or Licence (s. __)	<input type="checkbox"/> Action Required (s. __)
Background			
Nunavut Water Licence 3BC-FOH0919 was issued to the Department of National Defence for the Deposit of Waste for the operation and maintenance of the FOX-M Long range Radar Station located beside Hall Beach, Qikiqtani Region, Nunavut.			
Although the licence explicitly says that water use is not permitted, the licence allows the Licencee to use up to 10m ³ of water from a man-made reservoir that is owned and operated by the Hamlet of Hall Beach.			
The Licence also allow for the discharge of treated sewage from site.			
Observations			
A site inspection was completed on September 10 th , 2015 to inspect the authorized uses of water and deposits of waste at FOX-3.			
<u>Direct Water Use</u>			
<ol style="list-style-type: none"> It was noted that all water for domestic camp purposes was being withdrawn from the Hamlet reservoir. <ol style="list-style-type: none"> Water records were available for inspection. No concerns. 			
<u>Water Management Structures</u>			
<ol style="list-style-type: none"> <i>Berm surrounding fuel tanks on site.</i> <ol style="list-style-type: none"> Berm wall surrounding the facility were sufficient. No signs of settlement, slope instability or seepages were noted. Freeboard heights were sufficient. 			
<u>Waste Disposal/Discharges</u>			
<ol style="list-style-type: none"> <i>Sewage</i> <ol style="list-style-type: none"> Black and grey water is treated on-site using a tertiary wastewater treatment system. Sewage outfall is in good order, no signs of erosion noted. No concerns. <i>Domestic Waste</i> <ol style="list-style-type: none"> It was noted that all domestic waste is being transported to the Municipal Landfill at Hall Beach. 			
Click here to enter text.			
SECTION 2	<input checked="" type="checkbox"/> Comments (s. 2 __)	<input type="checkbox"/> Non-Compliance with Act or Licence, (s. __)	<input type="checkbox"/> Action Required (s. __)



Licensee or Representative	Inspector's Name
	Justin Hack
Signature	Signature

Office Use Only: Follow-up report to be issued by Inspector

Yes No

CC:

Erik Allain, Manager of Field Operations
Phyllis Beaulieu, Manager of Licensing at NWB
Don Beattie, Manager, Environmental, Health and Safety, Raytheon Canada Limited

Justin Hack
Water Resource Officer
Iqaluit, NU
Tel: 867-975-4517
Email: Justin.hack@aandc.gc.ca