

WATER LICENCE INSPECTION FORM

☒ Original


☐ Follow-Up Report

Licensee		Licensee Representative	
Government of Canada, Department of National Defence		William Wyman	
Licence No. / Expiry		Representative's Title	
8BC-SHE1929		Environmental Officer	
Land / Other Authorizations		Land / Other Authorizations	
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Date of Inspection		Inspector	
September 13, 2022		Jonathan MESHER	
Activities Inspected			
<input type="checkbox"/> Camp	<input type="checkbox"/> Drilling	<input type="checkbox"/> Mining	<input checked="" type="checkbox"/> Construction
<input type="checkbox"/> Roads/Hauling	<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	NA			Water Management Structures	NA			Storage	C		
Flow Measure. Device	A			Culverts / Bridges	C			Spills	NA		
Source:	C			Drainage	NA			Spill Plan	NI		
Water Use:	NA			Erosion / Sediment	C						
Recirculation ( y /n)	NA			Mitigation Measures	A			Administrative			
				Reclamation Activities	NA			Records	NI		
				Materials Storage	NA			Reports	NI		
Waste Disposal				Signage	A			Plans	NI		
Waste Water	C							Notifications	C		
Solid Waste	NA			Monitoring				Other			
Hazardous Waste	NA			Sample Collection / Analysis	A			Follow-up from previous inspection	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
On September 13, 2022 I Jonathan Mesher conducted a Water Licence inspection of the Waste and Water management facilities under the licence 8BC-SHE1929, during this inspection I was accompanied by William Wyman.			
<b>Inspection</b>			
<div>1) During the inspection the licensee informed the inspector that the licensee has been withdrawing water from 2 different locations due to washouts of the water lake road, the licence does not allow the usage of multiple lakes. As stated in Part C, items 1 and 2 which state; “1. The Licensee shall obtain all Water from Water Lake. Total Water use shall not exceed two-hundred and ninety-nine (299) cubic metres per day. The volume of Water for all purposes under this Licence shall not exceed one thousand four hundred and forty (1440) cubic metres per year. 2. The use of Water from streams or any Water bodies not identified in Part C, Item 1, is prohibited unless authorized and approved by the Board in writing.” See photo 1 for the two withdraw locations.</div> <div>2) During the inspection the licensee stated that the water lake road and the beach road deal with washouts during freshet. The licensee install the appropriate erosion control measures to prevent sediment from entering the water bodies surrounding the water lake and road washout. Part C, Item 9 states; “Sediment and erosion control measures shall be implemented prior to and maintained during the undertaking to prevent entry of sediment into Water.”</div> <div>3) The bulk fuel containment berms at the camp and the shoreline had limited water, it does not appear that the licensee fulfilled part D, item 19 that required the licensee to notify the inspector prior to decanting. The limited water may also suggest that the containment structured are not operating as intended.</div> <div>4) The licensee plans to operate during the winter, it is unsure if the small sump on site will have a capacity to handle the constant winter discharges,</div>			


SECTION 2		<input type="checkbox"/> Comments	<input checked="" type="checkbox"/> Non-Compliance with Act or Licence	<input checked="" type="checkbox"/> Action Required
The following is a list of concerns to be addressed by the licensee;				
a) The licensee is to seek approval for the usage of the alternate water source, show evidence that the NWB allowed the licensee to withdraw from a second location or discontinue withdrawing from the second water source.				
b) The licensee is to seek approval from the NWB for the installation of culverts to prevent the roads from washing out and allow the water to drain naturally.				
c) The licensee is to install the appropriate erosion control measures to prevent sediment from entering the water.				
d) The licensee is to prove that the sump on site if capable of handling winter discharges.				
e) The licensee is to ensure the secondary containment for the bulk fuel containments are not leaking and only discharge once all water licence requirements are completed.				
Inspector's Name				
Jonathan MESHER				
Signature				
				
Date				
October 6, 2022				

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Crown Indigenous Relations and Northern Affairs Canada – CIRNAC  
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Date	Camera	Inspector	Authorization
	Sony Cyber-shot	J.Mesher	8bc-she

Photo Log

Photo 1



Description: Two withdraw locations



Date	Camera	Inspector	Authorization
	Sony Cyber-shot	J.Mesher	8BC-SHE
Photo Log			
Photo 2			
			
Description: Bulk fuel storage near facility.			

Date	Camera	Inspector	Authorization
	Sony Cyber-shot	J.Mesher	8BC-SHE
Photo Log			
Photo 3			
			
Description: sump.			