



WATER LICENCE INSPECTION FORM

Original
 Follow-Up Report

Licensee	Licensee Representative				
Department of National Defense – Eureka Station	No DND Representative on Site				
Licence No. / Expiry	Representative's Title				
8BC-ERK1621/ 2021					
Date of Inspection	Inspector				
July 11 2019	Jeremy FRASER				
Activities Inspected					
<input type="checkbox"/> Camp	<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: depositions of waste on site	<input type="checkbox"/> Other:			

SECTION 1	<input type="checkbox"/> Comments (s.)	<input type="checkbox"/> Non-Compliance with Act or Licence (s.)	<input type="checkbox"/> Action Required (s.)
<p>On July 11 2019 a Water Licence Inspection was completed regarding the DND – Eureka Station 8BC-ERK1621. During this inspection there was no DND representative on site. Upon arrival to the eureka station the inspector Jeremy FRASER accompanied by Inspector Joseph MONTEITH, Director of Lands Erik ALLAIN and Michelle BLADE met with Don LAVALLEE from Environment and Climate Change Canada (ECCC) to check-in to the Eureka Weather Station prior to conducting the inspection of the DND Eureka Station. During conversation with Don LAVALLEE he mentioned that DND piggybacks water intake from the ECCC supply with an agreement in place between the 2 parties on site.</p>			
<p>Observation Sites visited during the inspection of this Water Licence were as follows:</p> <ul style="list-style-type: none"> • Contaminated Soil Landfarm, • Battery Dump, • Sewage lagoon, and • Landfill 			
<p>Contaminated Soil Landfarm During inspection of this facility it appeared to be well under capacity. No pooling of water within the facility. It was difficult for the inspector to determine if the berm housing this facility was lined during this inspection. The facility appeared to be in good order to the satisfaction of the inspector. No concerns noted regarding this facility.</p>			
<p>Battery Dump This facility appears to be capped with significant cover. No protruding objects were noted through the capping. Material used to cap the battery dump was locally sourced and appears to be a fine grain. Vegetation surrounding the facility appears to be unaffected by the buried material below (see photo 1).</p>			
<p>Sewage Lagoon This facility appears to be operating as intended, little slumping of berm walls was noted regarding this facility however the inspector has no concerns related to structural integrity with the berm walls. This facility appears to be below the 1 meter freeboard level as required by the licence (see photo 2). No concerns noted regarding this facility.</p>			
<p>Landfill DND eureka station is authorized by the water licence to operate a landfill including a burn pan authorizing open burning of food waste, non-treated wood, and cardboard. The landfill appears to be operating as intended, however it was noted that plastics and metals were in the burn pan mixed with ash and food waste (see photo 3). This is a violation of the Water Licence Part D Item 4</p>			
SECTION 2	<input type="checkbox"/> Comments	<input checked="" type="checkbox"/> Non-Compliance with Act or Licence	<input checked="" type="checkbox"/> Action Required
<p>It was noted during this inspection that DND Eureka Station is burning plastic and metals in the burn pan as seen in the photos. This act is in violation of the Water Licence Part D Item 4.</p> <ul style="list-style-type: none"> • The inspector is requesting that DND remove all non-burnable material immediately prior to further burning of material in the facility. 			
<p>Part D Item 4 <i>"The Licensee shall not open burn plastics, wood treated with preservatives, electric wire, Styrofoam, asbestos or painted wood to prevent the deposition of waste materials of incomplete combustion and/or leachate from contaminated ash residual, from impacting any surrounding waters, unless otherwise approved by the board in writing".</i></p>			

Licensee or Representative	Inspector's Name
	Jeremy FRASER
Signature	Signature
Date	Date
	September 19 2019



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

Yes No

CC: Licensing Department, NWB
Justin Hack, Manager of Field Operations, CIRNAC

PHOTO LOG

Date	Camera	Inspector	Authorization
July 11 2019	Sony Cyber-shot	Jeremy FRASER	
Photo Log # 1	Location (NAD 83 DD MM SS.SS)		
Photo #1	N		W
			
Description: Battery Dump – Capped appears to be in good order			



Photo Log # 2

Photo #2

Location (NAD 83 DD MM SS.SS)

N

W



Description: Sewage Lagoon located behind the DND eureka station

Photo Log # 3

Photo #3

Location (NAD 83 DD MM SS.SS)

N

W



Description: Burn pan containing non-burnable material such as plastics and metals