



☒ Original  
☐ Follow-Up Report

Conditions:			C - Concern			U - Unacceptable			NA – Not Applicable			NI – Not Inspected		
Water Use			Site Conditions			Haz/Mat Management								
Condition	Comment		Condition	Comment		Condition	Comment							
Intake/Screen	NI		Water Management Structures	U	5,6	Storage	A							
Flow Measure. Device	A		Culverts / Bridges	C	7	Spills	A							
Source:	A		Drainage	NA		Spill Plan	A							
Water Use:	A		Erosion / Sediment	A										
Recirculation ( y /n)	NA		Mitigation Measures	A		<b>Administrative</b>								
			Reclamation Activities	NA		Records								
			Materials Storage	NA		Reports	NI							
<b>Waste Disposal</b>			Signage	A		Plans	NI							
Waste Water	A					Notifications	NI							
Solid Waste	C	15-17	<b>Monitoring</b>			<b>Other</b>								
Hazardous Waste	A		Sample Collection / Analysis	NI		Inspection report compliance	A							
						Compliance with issued Direction	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														

Canada



this dam is authorized to exist as a structure to hold and/or divert water.

- c.

The Hamlet uses this facility to recharge Water Supply Lake from an inflowing stream; however, when asked about ownership of this structure, the Hamlet said it does not belong to them (see *Figure 1*).
- d.

Given the date of construction and location of the structure, this facility was likely built by the military and should be authorized within a water licence.
- e.

Follow-up regarding this structure will be done with the North Warning System site located in Hall Beach and with the Hamlet.
- f.

At the time of inspection, erosion was evident on this structure and may affect its integrity.
7.

Culverts are installed around this facility to divert contact water from the municipality and airport from entering Water Supply Lake (Figure 4).

a.

From information provided in the water licence application and the water licence, it does not appear that these culverts have been authorized by the Nunavut Water Board to divert water.

b.

During the inspection, it was communicated that these culverts wash-out every few years and are re-installed by the airport.

Waste Water Treatment Facility:

8.

The sewage lagoon is a two cell facility where cell 1 is designed to exfiltrate to cell 2, and the effluent from cell 2 exfiltrates to a ditch that enters the environment. This facility is located approximately 200m from the ocean.
9.

At the time of inspection, cell 1 was completely empty due to a leak in the facility (see *Figure 2*)

a.

The hamlet is working on constructing a new lagoon which should be operational in 2017.
10.

Berm walls surrounding Cell 2 appeared to be in good condition, no signs of slope instability, leakage, cracking were evident (see *Figure 3*).
11.

Freeboard height was sufficient.

Hazardous Waste Facility (lined):

12.

The Hazardous waste is being stored on a lined facility.
13.

There were no signs of slope instability, ground instability, or seepages from this facility.
14.

At the time of the inspection no water was accumulating in this facility.

Domestic Waste Facility (unlined):

15.

The Licensee manages domestic waste through a burning and covering procedure.
16.

This facility is not lined and does not have the ability to capture leachate or run-off; however, no signs of run-off or leachate were evident.
17.

The licence does not allow the Licensee to discharge leachate from this facility; however, the Licensee should consider an amendment to the licence for leachate criteria.

PHOTO LOG

Date	Camera	Inspector	Authorization
27/07/2016	SONY DSC-HX50V	Justin Hack	3BM-HAL1520





Figure 1: dam at the southwest corner of the water supply lake



Figure 2: Cell 1 of the old lagoon





Figure 3: Cell 2 of the old lagoon




Figure #4 (Culverts near the water reservoir)

Licensee or Representative	Inspector's Name
	Justin Hack





Signature	Signature
	
Date	Date
	September 8, 2016

Office Use Only:	Follow-up report to be issued by Inspector	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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