

WATER LICENCE INSPECTION FORM

☒ Original

☐ Follow-Up Report

Licensee	Licensee Representative
Qikiqtaaluk Environmental Inc.	Catalin Cenan
Licence No. / Expiry	Representative's Title
1BR-THI2027	Project Manager
Land / Other Authorizations	Land / Other Authorizations
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Date of Inspection	Inspector
6/3/2021	Jonathan MESHER
Activities Inspected	
<input type="checkbox"/> Camp	<input type="checkbox"/> Drilling
<input type="checkbox"/> Roads/Hauling	<input type="checkbox"/> Other:
<input type="checkbox"/> Mining	<input type="checkbox"/> Construction
	<input type="checkbox"/> Other: Land Farm
<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	2 & 3
Flow Measure. Device	NA		Culverts / Bridges	NA		Spills	NA	
Source:	NA		Drainage	NA		Spill Plan	NA	
Water Use:	NA		Erosion / Sediment	NA				
Recirculation ( y /n)	NA		Mitigation Measures	NA		Administrative		
			Reclamation Activities	NA		Records	NA	
			Materials Storage	NA		Reports	NA	
Waste Disposal			Signage			Plans	NA	
Waste Water	NA					Notifications	NA	
Solid Waste	NA		Monitoring			Other		
Hazardous Waste	NA		Sample Collection / Analysis	A		Follow-up from previous inspection	NA	
*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

☒ Comments

☐ Non-Compliance with Act or Licence

☐ Action Required

Background

The Licensee currently operates three facilities or units at the Environmental Waste Processing Facility (EWPF). Two units are intended to treat contaminated Waters and soils and the third one is to store / transfer hazardous Waste.

Inspection

On Wednesday June 3rd, 2021 I Jonathan Mesher, Crown Indigenous Affairs and Northern Relations Canada Inspector, did perform an inspection of the Water Licence 1BR-THI2027 located in Iqaluit, Nunavut, the below observations were noted.

Observations

1. During the inspection the licensee was managing a flood of the pad, the licensee was attempting to temporarily manage the flood by pumping the water from one side of the pad to ditches on the other side of the pad. This flood appears to be caused by ditches surrounding the facility being blocked with snow and ice, the inspector is requesting the licensee ensure the diversion ditches are cleared prior to freshet. see photo 1 for the flood and photo 2 for the ditch behind the facility.

2. During the inspection the licensee was storing Hazardous waste outside of secondary containment. See photo 3 for the hazardous waste outside of secondary containment.




3. The inspector noted that in Cell A there was no defined berm wall in some areas, the contaminated soil was flush with the berm walls which may cause waste to flow outside this cell. There are two access ramps into this cell, in the engineered drawings located in appendix A of the approved operations and management plan.


SECTION 2    ☐ Comments    ☐ Non-Compliance with Act or Licence    ☒ Action Required

The following is a list of actions required by the licensee, the inspector is requesting that the licensee provide a follow up to this report by June 11, 2021.

1. The inspector is requesting the licensee clear the ditches surrounding the facility prior to freshet to ensure the water management structures are not blocked and operating as intended.
2. The licensee is to move the waste identified in photo 3 and ensure the following condition of their licensee is adhered to, Part H, item 7, of the licenece 1BR-THI2027 states that; “The Licensee shall provide secondary containment for fuel, chemical and contaminated Water storage as required by applicable standards and acceptable industry practice.”
3. The licensee is to organize the waste in Cell A in the approved manner and the licensee is to ensure all waste management facility’s are operated and managed as stated in the approved operations and management plan.

Inspector’s Name	
Jonathan MESHER	
Signature	
	
Date	
June 4, 2021	

Water Resource Officer, Nunavut Region  
Crown Indigenous Relations and Northern Affairs Canada – CIRNAC  
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Date	Camera	Inspector	Authorization
	Samgsung S9 (work cell phone)	J.Mesher	1BR-THI
Photo Log			
Photo 1			
			
Description: flooding of the pad.			

Date	Camera	Inspector	Authorization
	Samgsung S9 (work cell phone)	J.Mesher	1BR-THI
Photo Log			
Photo 2			
			
Description: blocked diversion ditches.			



Date	Camera	Inspector	Authorization
	Samgsung S9 (work cell phone)	J.Mesher	1BR-THI
Photo Log			
Photo 4			
			

Description: Access ramp to Cell A not depicted in the engineered drawings and a undefined Berm on West Side on West side of Cell A.

Date	Camera	Inspector	Authorization
	Samgsung S9 (work cell phone)	J.Mesher	1BR-THI
Photo Log			
Photo 3			
			

Description: Waste outside of containment.



Date	Camera	Inspector	Authorization
	Samgsung S9 (work cell phone)	J.Mesher	1BR-THI
Photo Log			
Photo 4			
			
Description: in defined Cell wall on the East side on Cell A.			