

WATER LICENCE INSPECTION FORM

☒ Original

☐ Follow-Up Report

Licensee		Licensee Representative	
Nunatta Environmental Services Inc.		Camron Wilson	
Licence No. / Expiry		Representative's Title	
1BR-NUN1828			
Land / Other Authorizations		Land / Other Authorizations	
		--	
Date of Inspection		Inspector	
6/2/2021		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	NA		
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:

☐ Yes ☒ No

Location(s):

SECTION 1

☒ Comments

☐ Non-Compliance with Act or Licence

☐ Action Required

Background

The Water Licence No. 1BR-NUN1828 is issued to allow for the continued deposition of waste (effluent from the facility and runoff) in support of the Nunatta Environmental Services Inc. landfarm facility designed to treat hydrocarbon impacted soil. The facility is located at the North 40 Industrial Park, adjacent to the Transport Canada legacy metal dump site, within the City of Iqaluit, Nunavut.

The Landfarm facility, which consists of four (4) separate cells, receives and biologically treats soil that generally originates from the clean-up of residential areas affected by fuel oil associated with home heating equipment and/or other sources. The soil treated at the Landfarm facility is generally contaminated with varying concentration of diesel, gasoline and various industrial oils. Each cell of the Landfarm is lined with a geo-synthetic, high density, polyethylene material (geosynthetic liner) to prevent or minimize contaminants from entering the surrounding soil and ground water.

Inspection


On Wednesday June 2<sup>nd</sup>, 2021 I Jonathan Mesher, Crown Indigenous Affairs and Northern Relations Canada Inspector, did perform an inspection of the Water Licence 1BR-NUN1828 located in Iqaluit, Nunavut, the below observations were noted.



Observations

1. The licensee has not deposited any waste under their licence this year and has not deposited waste since 2016.
2. The licensee has transferred the soil from the Cell 2 to the Qikiqtaaluk Environmental Inc., this soil was being temporally stored are the Nunatta landfarm. This cell is scheduled for a liner replacement, in 2020 Mr. Wilson stated that the liner will be replaced once the soil is transferred to another facility. See photo 1 below for a picture of Cell 2.
3. There was a small rip on the crest of the liner in cell 4.
4. No other concerns were noted during this inspection.

SECTION 2	<input type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input checked="" type="checkbox"/> Action Required
1. The inspector if requesting the licensee provide a time line for the replacement of the liner for Cell 2.			
2. The inspector is requesting the licensee repair the rip in the liner of Cell 4.			

Inspector's Name	
Jonathan MESHER	
Signature	
	
Date	
June 3, 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-NUN
Photo Log			
Photo 1			
			
Description: Cell 2.			





Date	Camera	Inspector	Authorization
	Samgsung S9 (work cell phone)	J.Mesher	1BR-NUN
Photo Log			
Photo 2			
			
Description: rip in liner of Cell 4.			