

WATER LICENCE INSPECTION FORM

☒ Original

☐ Follow-Up Report

Licensee	Licensee Representative				
THE CITY OF IQALUIT	N/A				
Licence No. / Expiry	Representative's Title				
8BC-BTN1920	--				
Land / Other Authorizations	Land / Other Authorizations				
3AM-IQA1626	--				
Date of Inspection	Inspector				
October 24, 2019	Jonathan MESHER				
Activities Inspected					
<input type="checkbox"/> Camp	<input type="checkbox"/> Drilling	<input type="checkbox"/> Mining	<input checked="" type="checkbox"/> Construction	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Fuel Storage
<input type="checkbox"/> Roads/Hauling	<input type="checkbox"/> Other:		<input type="checkbox"/> Other:		

Conditions: **A - Acceptable** **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	NA		Water Management Structures	A		Storage	NA	
Flow Measure. Device	NA		Culverts / Bridges	A		Spills	NA	
Source:	NA		Drainage	NI		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	C	
Waste Disposal			Signage	C		Plans	A	
Waste Water	NA					Notifications	A	
Solid Waste	NA		Monitoring			Other		
Hazardous Waste	NA		Sample Collection / Analysis	NI		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
-----------	--	---	--

Background

The licensee plans to repair the abutments of three bridges in Iqaluit: the Road to Nowhere Bridge, the Apex Road Bridge, and Astro Hill Road Bridge. Previous licence No. 8BC-BTN1819 expired in May 2019 and authorized work on the Bridge to Nowhere only. The activities to be included in the replacement licence are:

- Repair or replace granular material at bridge locations (flow diversion may be required) and
- Conduct placement of wooden curbing on the Niaqunngusiaraiq (Road to Apex) Bridge.

Inspection

On October 24, 2019 an inspection was conducted by Jonathan MESHER a Water Resource Officer (WRO) of Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC), this inspection was conducted at the Road to Nowhere Bridge, the Apex Road Bridge, and Astro Hill Road Bridge. The licensee informed the inspector that all work has been completed and has requested closure of this file.

Road to Nowhere Bridge

- During the inspection there were no signs of waste entering water or water usage related to this licence.
- The inspector noted that the existing culverts on the bridge have been covered on the downstream side, The licensee has informed the inspector that these culverts have been covered prior to this licence.

Apex Road Bridge

- During the inspection there were no signs of waste entering water or water usage related to this licence.
- There were no concerns noted during the inspection of this bridge and upgrades completed.




Astro Hill Road Bridge.

- During the inspection there were no signs of waste entering water or water usage related to this licence.
- While inspecting the bridge the inspector noted significant erosion on the North West side of the bridge.
- This erosion appears to be outside of the scope of the licence 8BC-BTN1920 but, it is in out of contravention of PART D, Item 6 of the licence 3AM-IQA162. This licence is issued to the same licensee therefore the inspector is requesting that the licensee install appropriate erosion measures to prevent this erosion from occurring.

SECTION 2	<input type="checkbox"/> Comments	<input checked="" type="checkbox"/> Non-Compliance with Act or Licence	<input checked="" type="checkbox"/> Action Required
-----------	-----------------------------------	--	---

The Following actions are required by the licensee;

- PART D, Item 6 of the licence 3AM-IQA1626 states that; “The Licensee shall not cause erosion to the banks of any body of Water and shall provide the necessary controls to prevent such erosion.” Therefore the City of Iqaluit is to install the necessary controls to prevent such erosion; this work is to be completed prior to Freshet 2020 to ensure this erosion is not occurring during times with high volume of surface waters and to ensure compliance with the Water licence. The licensee is to provide photos of this work once completed.
- The licensee is to submit all required documents to the NWB as listed in the licence 8BC-BTN1920, once all documents are submitted; the inspector is in support of the closure of this licence.

Inspector’s Name	
Jonathan MESHER	
Signature	
	
Date	
October 31, 2019	

Water Resource Officer, Nunavut Region
Crown Indigenous Relations and Northern Affairs Canada – CIRNAC
Jonathan.mesher@canada.ca
Office #: 867-975-4296
Fax: 867 979-6445

Date	Camera	Inspector	Authorization
	Sony Cyber-shot	J.Mesher	8BC-BTN
Photo Log			
Photo 1			



Description: Apex Bridge

Date	Camera	Inspector	Authorization
	Sony Cyber-shot	J.Mesher	8BC-BTN

Photo Log

Photo 2



Description: Cuvlets blocked downstream side on Road to Nowhere bridge.

Date	Camera	Inspector	Authorization
------	--------	-----------	---------------



Photo Log

Photo 3



Description: Upstream side on Road to Nowhere Bridge

Date

Camera

Inspector

Authorization

Sony Cyber-shot

J.Mesher

8BC-BTN

Photo Log

Photo 4



Description: Astro Hill Erosion



Crown-Indigenous Relations
and Northern Affairs Canada

Relations Couronne-Autochtones
et Affaires du Nord Canada