

WATER LICENCE INSPECTION FORM

☒ Original

☐ Follow-Up Report

Licensee		Licensee Representative	
Dept. of Geography and Planning, Queen’s University		Scott Lamoureux	
Licence No. / Expiry		Representative’s Title	
8WLC-CBA1920			
Land / Other Authorizations		Land / Other Authorizations	
N2017N0001			
Date of Inspection		Inspector	
July 7, 2019		Joseph Monteith, Erik Allain, and Jeremy Fraser	
Activities Inspected			
<input type="checkbox"/> Camp	<input type="checkbox"/> Drilling	<input type="checkbox"/> Mining	<input type="checkbox"/> Construction
<input type="checkbox"/> Roads/Hauling	<input checked="" type="checkbox"/> Other: Water Treatment Facility, Waste Water Utilidor Hazardous Waste Facility	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Fuel Storage

Conditions:	A- Acceptable	U-Unacceptable	C-Concern	NI-Not Inspected	NA- Not applicable
PART:				Condition	Observation No.*
A: SCOPE, DEFINITIONS AND ENFORCEMENT					
B: GENERAL CONDITIONS				NI	
C: CONDITIONS APPLYING TO SECURITY				NI	
D: CONDITIONS APPLYING TO WATER USE				A	1-2
E: CONDITIONS APPLYING TO WASTE DISPOSAL AND MANAGEMENT				A	3-6
F: CONDITIONS APPLYING TO MODIFICATIONS				NI	
G: CONDITIONS APPLYING TO CONSTRUCTION				NI	
H: CONDITIONS APPLYING TO EMERGENCY RESPONSE AND CONTINGENCY PLANNING				A	
I: CONDITIONS APPLYING TO ABANDONMENT, RECLAMATION AND CLOSURE PLANNING				NA	
J: CONDITIONS APPLYING TO MONITORING				A	
SCHEDULES				A	
*The observation number corresponds with specific comments provided below.					
Samples taken by Inspector:		Location(s): N74 54 08.6 W109 36 02.0			
<input type="checkbox"/> Yes <input type="checkbox"/> No					

SECTION 1	<input type="checkbox"/> Comments (s. __)	<input type="checkbox"/> Non-Compliance with Act or Licence (s. __)	<input type="checkbox"/> Action Required (s. __)
<b>BACKGROUND</b> <p>ON April 11, 2019 The Nunavut Water Board Issued 8WLC-CBA1920 to Queen University’s Department of Geography and Planning MC D201 SCOTT LAMOUREAUX for an undertaking carried under the Cape Bounty Arctic Watershed Observatory Project.</p> <p>The Cape Bounty Arctic Watershed Observatory (CBAWO) Project, located at Cape Bounty, Melville Island, approximately 430 km west of Resolute and 660 km north of Cambridge Bay, within the Qikiqtani Region, Nunavut and within the Melville Island Watershed (54), generally at the following geographical coordinates: N74° 54 08.6 W109 36 02.0.</p> <p>The old camp situated at N74 54 00.0 W109 35 00.0 used during the issuance of 3BC-CBA10115 can be closed as an aerial survey of the site didn’t reveal any non-compliance issues.</p> <b>Inspector Statement</b> <p>On July 7, 2019at 5:40pm, A Water Licence Inspection was by Water Resource Officers (WRO) Joseph Monteith, Erik Allain, and Jeremy Fraser at Melville Island, Qikiqtani Region, Nunavut, for water licence 8WLC-CBA1920. Scott Lamoureux welcomed the inspectors and escorted them on the site inspection. The inspection was complete on July 7, 2019 at 5:40pm.</p> <b>Water Supply Facilities</b> <ol style="list-style-type: none"><li>The water source is a stream from two small lakes 4 kilometres (km) meanders downgrade west to south of the camp to a lake which eventually drains out 1.6km towards the ocean at Cape Bounty. No alterations to the bed or banks of a water course were observed.</li><li>Water withdrawal records were recorded in a log book and observed on site (photo). The log book recorded</li></ol>			



between the dates of May 31, 2019 and July 7, 2019 a total of 845 litres.

Waste

3. Sump pit observed on site. The sump pit was very small and clearly marked and more than 31 metres away from any water body.
4. Grey water discharge levels measured and recorded in log book and observed onsite (photo). Log Book records indicate that between the dates of May 31, 2019 and July 7, 2019 a total of 316 litres of grey water deposited into the sump pit(photo)
5. No latrine observed on site
6. No sign of fire pits

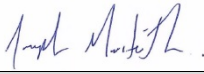
Fuel Cache

7. 2 fuel caches observed on site (photo 5&6).
8. Total count of fuel was 1 drum of gasoline, 5 jerry cans of gasoline, and 13 cylinders of propane.

Vehicles

9. A snowmobile, and all-terrain vehicle (atv), and a rubber boat were observed on site.

SECTION 2	<input checked="" type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input type="checkbox"/> Action Required
The site was clean and in good order. No signs of spills.			
SECTION 3	<input type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input checked="" type="checkbox"/> Action Required

Licensee or Representative	Inspector's Name
	Joseph Monteith
Signature	Signature
	
Date	Date
	December 12, 2019

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

PHOTO LOG

Date	Camera	Inspector
July 7, 2019	Nikon Cool Pix	Joseph Monteith
Photo Log #	Location	
Photo 1	N74° 54 08.6 W109 36 02.0 Cape Bounty, Melville Island, Nunavut.	
		
Description: 8 tents, 3 weather havens, 8 people. Water source meanders downgrade west to south of the camp to a lake		



Photo Log #	Location
Photo 2	Melville Island
	
Description: 8 tents	

Photo Log #	Location
Photo 3	Melville Island
	
Description: 3 weather havens, white tent structure, possibly latrine.	





Photo Log #

Location

Photo 4

Melville Island

	DRINKING	GREY	FROM	DATE	DRINKING	GREY	FROM
MAY 31/A							
JUNE 1	61 L			June 26	38 L	6 L	WR
JUNE 2	15 L			June 27	23 L	6 L	WR
JUNE 3	19 L	4 L	EL	June 28	19 L	6 L	WR
JUNE 4		5 L	EL	June 29			
JUNE 5	43 L	6 L		June 30	19 L	6 L	WR
JUNE 6		6 L	EL	July 1	63 L	6 L	WR
JUNE 7	19 L	4 L	EL	July 2	40 L	6 L	WR
JUNE 8	23 L	4 L	EL	July 3	45 L	6 L	WR
June 9	23 L	4 L	EL	July 4	19 L	6 L	WR
June 10	42 L	4 L	EL	July 5	32 L	6 L	WR
June 11	23 L	4 L	EL	July 6	23 L	8 L	WR
June 12		4 L		July 7	42 L	6 L	WR
June 13		4 L					
June 14	38 L	4 L	WR				
June 15		4 L					
June 16		4 L	WR				
June 17	23 L	4 L					
June 18		4 L					
June 19		4 L	WR				
June 20	61 L	4 L	WR				
June 21		4 L					
June 22	42 L	4 L	WR				
June 23		4 L					

Description: Water and waste usage records

Photo Log #

Location

Photo 5

Melville Island



Description: 2 5 gallon jerry cans, and a 2 litre jerry can. Rubber gloves in secondary containment berm.





Photo Log #

Photo 6

Location

Melville Island



Description: fuel cache consisted of 5 jerry cans of gasoline, 10 various sizes of propane. No Spill kit observed onsite.

Photo Log #

Photo 7

Location

Melville Island



Description: sump pit



**Description: Copy of water licence**

**Description:** Site of old camp. No concerns, Close site.