

WATER LICENCE INSPECTION FORM

☒ Original

☐ Follow-Up Report

Licensee	Licensee Representative
Geological Survey of Canada	Benoit Saumur
Licence No. / Expiry	Representative's Title
8WLC-GEM1819	Project Manager
Land / Other Authorizations	Land / Other Authorizations
N2018N0004	
Date of Inspection	Inspector
August 11, 2020	Joseph Monteith
Activities Inspected	
<div><div><input checked="" type="checkbox"/> Camp</div><div><input type="checkbox"/> Drilling</div><div><input type="checkbox"/> Mining</div><div><input type="checkbox"/> Construction</div><div><input checked="" type="checkbox"/> Reclamation</div><div><input checked="" type="checkbox"/> Fuel Storage</div></div> <div><div><input type="checkbox"/> Roads/Hauling</div><div><input checked="" type="checkbox"/> Other:</div><div><input type="checkbox"/> Other:</div></div>	

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				A	
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
F: CONDITIONS APPLYING TO MODIFICATIONS				NI	
G: CONDITIONS APPLYING TO CONSTRUCTION				NI	
H: CONDITIONS APPLYING TO EMERGENCY RESPONSE AND CONTINGENCY PLANNING				A	4 & 5
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): 70°18'56.62"N; 76°14'26.95"W			
<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. __)
BACKGROUND <p>The land was used for the purposes of a temporary field camp located at 70.315728° LAT, -76.240819° LONG , on a high sand bar along the east side of the Isortoq River (photo 1). The camp was a small operation, consisting of 10 people, with 5 large tents (kitchen, office, storage, shower) and personal tents for sleeping quarters. The site also served as the main fuel storage area. The fuel drums were stored in a berm.</p> <p>The sandbar on which camp was built was large enough to form a natural airstrip for Fixed Wing aircraft (Twin Otter, operated by Kenn Borek). Five return flights originating from Pond Inlet were necessary for camp mobilization (July 11-13), and eleven were necessary for camp demobilization (Aug 11-13) including removal of empty fuel drums from the camp site. There was one camp replenishment flight midway through the summer (July 26).</p> <p>The site also served as a natural helipad for the Bell 407 (Summit Helicopters) utilised for daily setouts. A total of 91.6 hours of flight time was accumulated through the entire summer. Daily setouts were, on average, roughly 3 hours per day.</p> <p>All tents, equipment and fuel drums were removed from the camp site between August 11-13, 2018.</p> <p>The license was issued on February 16, 2018 and expires on February 15, 2019. The license authorized 1 cubic metre per day and deposit of sewage not to exceed 1 cubic metre per day.</p> Inspector Statement <p>On August 11, 2020, a Water License aerial survey was conducted by Water Resource Officer(WRO) Joseph Monteith at the site of 8WLC-GEM1819 Isotoq River, Qikiqtani Region, Nunavut, to verify compliance with the terms and conditions of the Water Licence 8WLC-GEM1819.</p>			

Water Use

1.

Isotoq River are – Water Source stream (See photo 3)
2.

Water, extracted from a nearby stream(photo 3), never exceeded 1 cubic metre per day. Sewage and grey water also never exceeded 1 cubic meter per day.

Waste

3.

Waste was backhauled to Pond Inlet for proper disposal at the municipal waste disposal site.

Fuel Cache

4.

Between 4,000 to 79,999L of fuel was stored at the site in drums in secondary containment berm. No signs of fuel cache or spills. (photo 1, 2, 3)

Spill Reports

5.

No reports of spill were found in my search in the Spills Database, no signs of spills on site. (photo 1, 2, 3)

SECTION 2

☐ Comments

☐ Non-Compliance with Act or Licence

☒ Action Required

Site was brought back to its natural Condition.

I Recommend Final Closure of water license 8WLC-GEM1819


SECTION 3

☐ Comments

☒ Non-Compliance with Act or Licence

☐ Action Required

[Click here to enter text.](#)

Licensee or Representative	Inspector's Name
	Joseph Monteith
Signature	Signature
	
Date	Date
	August 20, 2020

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

PHOTO LOG

Date	Camera	Inspector	
August 21, 2020	Nikon Coolpix	Joseph Monteith	
Photo Log #	Location		
Photo 1	Isotoq River, Qikiqtani Region, NU		
			
Description: Land Strip shows were camp foot print was during active camp, and Fuel cache.			

Photo Log #1	Location
Photo 2	Isotoq River, Qikiqtani Region, Nunavut
	
Description: No signs of camp infrastructure, equipment, or wastes. Tent rings visible in the foreground.	

Photo Log #1	Location
Photo 3	Isotoq River, Qikiqtani Region, Nunavut
	
Description: Site of water withdrawal. No signs of diversion of river.	