

WATER LICENCE INSPECTION FORM

☒ Original

☐ Follow-Up Report

Licensee	Licensee Representative
North Country Gold Corp	NA
Licence No. / Expiry	Representative's Title
2BE-CRA	NA
Land / Other Authorizations	Land / Other Authorizations
	--
Date of Inspection	Inspector
September 5,2021	Jonathan MESHER
Activities Inspected	
<input type="checkbox"/> Camp	<input type="checkbox"/> Drilling
<input checked="" type="checkbox"/> Roads/Hauling	<input checked="" type="checkbox"/> Mining
	<input type="checkbox"/> Construction
	<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	C	
Flow Measure. Device	NA		Culverts / Bridges	NA		Spills	NA	
Source:	NA		Drainage	NA		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	NI	
Waste Disposal			Signage			Plans	NI	
Waste Water	C					Notifications	A	
Solid Waste	NA		Monitoring			Other		
Hazardous Waste	C		Sample Collection / Analysis	A		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

On September 5, 2021 I Jonathan Mesher A Resource Management Officer of CIRNAC conducted a Water licence inspection at Hayes Camp N66 39’30” W91 32’11”, Bullion Camp N66 23’39” W93 06’55” and Crater Camp N67 22’19” W88 51’24” to ensure compliance with the terms and conditions of the licence 2BE-CRA1520.

A)Crater Camp

- The main fuel cache secondary containment appeared to be full of water. See photos 1 and 2 for photos of containment berms full of water.
- Section 6.2 of Fuel Management Plan states that “Drums, stands and trays will be covered with heavy-duty Exploration Tents1 (or equivalent) supply drum covers to prevent accumulations of rain of snow.”, while on site at Crater Camp it did not appear that any of the tent heating fuel tanks have any covers installed. See photos 3 and 4 for tent heating fuel tanks.
- Part E, item 13 of the licence 2BE-CRA1520 states that “The Licensee shall ensure that all containment and runoff control structures are constructed and maintained to prevent escape of Wastes to the surface or groundwater systems.”, it was noted that there is no berm surrounding the grey water sump. It does not appear that the sumps are constructed in a way to prevent melt water and/or rain water from flooding the sump. See photo 5 for the sump.
- Section 7 of the Fuel management plan states “NCGC will store all drummed fuel, oils and hydraulic fluids within secondary containment (SEI Industries2 ‘Insta-berms’, Exploration Tents3 berms/trays or equivalent designs). Secondary containment will be capable of holding 110 percent of the volume of the largest fuel reservoir housed within.”, during the inspection the majority of secondary containment was either full with rainwater, damaged and had no secondary containment covers. See photos 3-9 for fuel storage mentioned.




B) Haynes Camp

1. Part C, item 6 states, “The Licensee shall not cause erosion to the banks of any body of Water and shall provide necessary controls to prevent such erosion” and Part C item 7 states, “Sediment and erosion control measures shall be implemented prior to and maintained during the undertaking to prevent entry of sediment into Water.”. While on site there was significant erosion near the sump, the licensee appears to be using fabric to slow the erosion. See photo 10 for the erosion noted.
2. There was approximately 12 barrels outside of containment near the wind sock and drill core storage. Section 7 of the Fuel management plan states “NCGC will store all drummed fuel, oils and hydraulic fluids within secondary containment (SEI Industries2 ‘Insta-berms’, Exploration Tents3 berms/trays or equivalent designs). Secondary containment will be capable of holding 110 percent of the volume of the largest fuel reservoir housed within.” See photo 11 for the fuel outside of containment.

C) Bullion camp

1. Section 6.2 of Fuel Management Plan states that “Drums, stands and trays will be covered with heavy-duty Exploration Tents1 (or equivalent) supply drum covers to prevent accumulations of rain of snow.”. while on site some tent heating fuel tanks covers installed were not operating as intended. See photos 12 for the covers referred to.
2. There was approximately 9 barrels outside of containment within this camp. Section 7 of the Fuel management plan states “NCGC will store all drummed fuel, oils and hydraulic fluids within secondary containment (SEI Industries2 ‘Insta-berms’, Exploration Tents3 berms/trays or equivalent designs). Secondary containment will be capable of holding 110 percent of the volume of the largest fuel reservoir housed within.” See photos 13 and 14 for the fuel outside of containment.
3. PART D, item 3 of the licence 2BE-CRA1520 states that “The Licensee shall locate areas designated for Waste disposal at a minimum distance of thirty one (31) metres from the ordinary High Water Mark of any Water body such that the quality, quantity or flow of Water is not impaired, unless otherwise approved by the Board in writing. “. While on site it appeared that the grey water sump and the outhouse sump was less than 31m away from pooling water. See photo 15 for the photos of the sump.
4. Part E, item 13 of the licence 2BE-CRA1520 states that “The Licensee shall ensure that all containment and runoff control structures are constructed and maintained to prevent escape of Wastes to the surface or groundwater systems.”, it was noted that there is no berm surrounding the grey water sump. It does not appear that the sumps are constructed in a way to prevent melt water and/or rain water from flooding the sump. See photo 15 for the sump.

Section 2	<input type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input checked="" type="checkbox"/> Action Required
<p>The following is a list of action required, the licensee is to provide a plan by November 25, 2021to rectify the concerns noted in this section, once the concerns are remediated the licensee is to provide photos with a brief report detailing what work has been done.</p> <div><div>1. The licensee is to ensure all fuel is stored in covered, secondary containment.</div><div>2. The licensee is to ensure the sumps are constructed in a way to prevent the waste from spreading to the surrounding waters.</div><div>3. The licensee is to ensure all sumps are located a minimum of 31m from any water.</div><div>4. The licensee is to remediate the erosion noted in comment B1 at Haynes Camp.</div></div>			
Inspector's Name			
Jonathan MESHER			
Signature			
			
Date			
October 19, 2020			

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	2BE-CRA
Photo Log			
Photo 1			
			
Description: Containment full of water.			

Date	Camera	Inspector	Authorization
	Sony Cyber-shot	J.Mesher	2BE-CRA1520
Photo Log			
Photo 2			
			
Description: pooling water on top of containment.			



Date	Camera	Inspector	Authorization
	Sony Cyber-shot	J.Mesher	2BE-CRA1520

Photo Log

Photo 3



Description: heating stove tank without required covering.

Date	Camera	Inspector	Authorization
	Sony Cyber-shot	J.Mesher	2BE-CRA1520

Photo Log

Photo 4



Description: heating stove tank without required covering and damaged secondary containment.

Date	Camera	Inspector	Authorization
	Sony Cyber-shot	J.Mesher	2BE-CRA1520

Photo Log

Photo 5



Description: partially covered sump and damaged secondary containment.



Date	Camera	Inspector	Authorization
	Sony Cyber-shot	J.Mesher	2BE-CRA1520

Photo Log

Photo 6

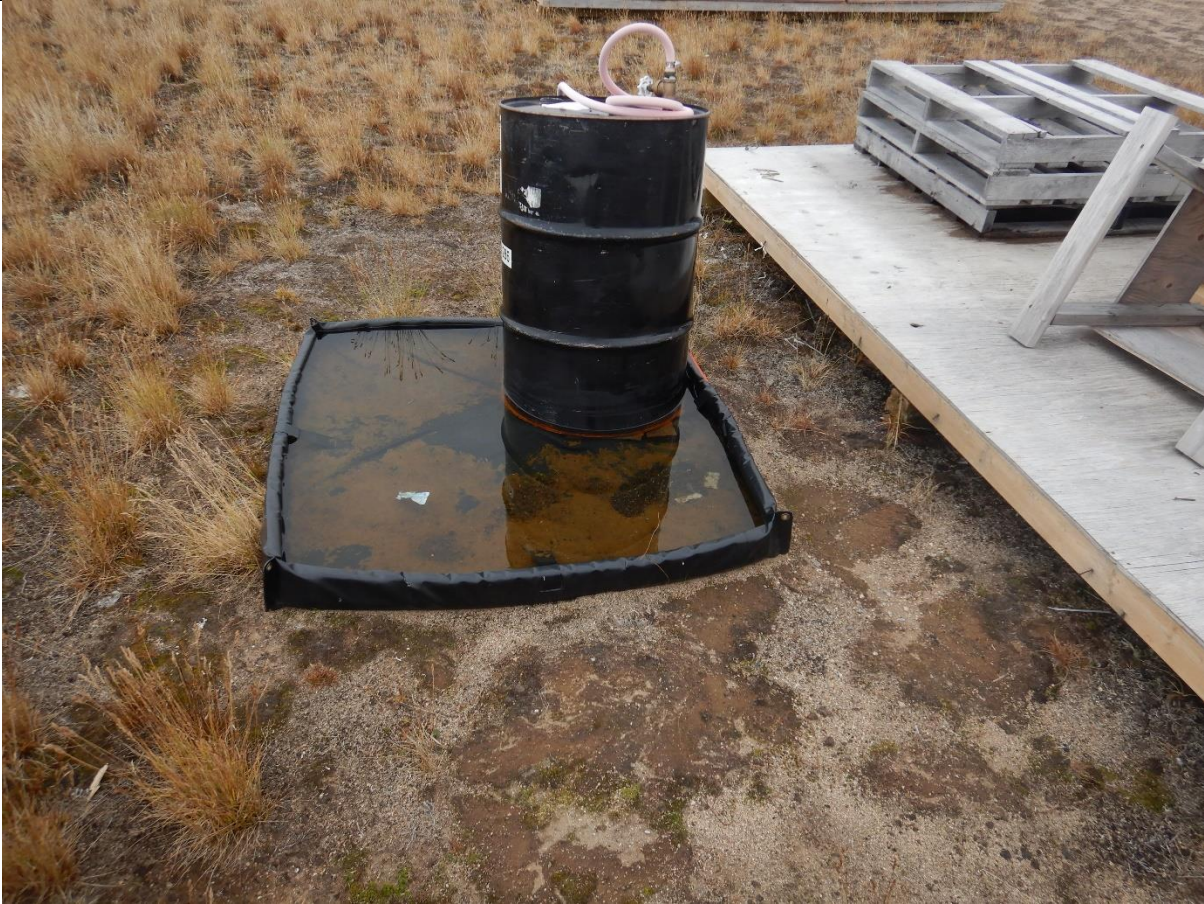


Description: secondary containment full of water.

Date	Camera	Inspector	Authorization
	Sony Cyber-shot	J.Mesher	2BE-CRA1520

Photo Log

Photo 7



Description: secondary containment full of water.

Date	Camera	Inspector	Authorization
	Sony Cyber-shot	J.Mesher	2BE-CRA1520

Photo Log

Photo 8



Description: wood within the containment pushing down the containment wall.

Date	Camera	Inspector	Authorization
	Sony Cyber-shot	J.Mesher	2BE-CRA1520

Photo Log

Photo 9



Description: damaged containment.

Date	Camera	Inspector	Authorization
	Sony Cyber-shot	J.Mesher	2BE-CRA1520
Photo Log			
Photo 10			



Description: erosion near sump.

Date	Camera	Inspector	Authorization
	Sony Cyber-shot	J.Mesher	2BE-CRA1520
Photo Log			
Photo 11			



Description: 12 barrels outside of containment.

Date	Camera	Inspector	Authorization
	Sony Cyber-shot	J.Mesher	2BE-CRA1520
Photo Log			
Photo 12			
			
Description: tank covers open.			

Date	Camera	Inspector	Authorization
	Sony Cyber-shot	J.Mesher	2BE-CRA1520
Photo Log			
Photo 13			
			
Description: barrels outside of containment.			

Date	Camera	Inspector	Authorization
	Sony Cyber-shot	J.Mesher	2BE-CRA1520
Photo Log			
Photo 14			
<div><div></div><div></div><div></div></div>			
Description: barrels outside of containment.			

Date	Camera	Inspector	Authorization
	Sony Cyber-shot	J.Mesher	2BE-CRA1520
Photo Log			
Photo 15			
<div><div></div><div></div><div></div></div>			
Description: sump without berms to prevent flooding.			