



ENVIRONMENTAL INSPECTION FORM

☒ Original
☐ Follow-Up Report

Licensee		Licensee Representative	
Government of Nunavut, Community and Government Services		Megan Lusty, Municipal Planning E.I.T. Rob Hogan , Plant Operations Engineer	
Licence No. / Expiry		Representative's Title	
3AM-GRA1015 (Rankin Inlet)		Municipal Planning Engineer-in-Training	
Land / Other Authorizations		Land / Other Authorizations	
Date of Inspection		Inspector	
17/6/2015		Atuat Shouldice	
Activities Inspected			
<input type="checkbox"/> Camp <input type="checkbox"/> Drilling <input type="checkbox"/> Mining <input type="checkbox"/> Construction <input type="checkbox"/> Reclamation <input checked="" type="checkbox"/> Fuel Storage			
<input type="checkbox"/> Roads/Hauling <input checked="" type="checkbox"/> Other: Water Discharge <input type="checkbox"/> Other:Water Supply/ Waste discharge			

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	A			Water Management Structures		A		Storage		NI	
Flow Measure. Device	A			Culverts / Bridges		NA		Spills		NI	
Source:	A			Drainage		NA		Spill Plan		NI	
Water Use:	A			Erosion / Sediment		A					
Recirculation (y /n)	Y			Mitigation Measures		A		Administrative			
				Reclamation Activities		N/A		Records		A	
				Materials Storage		A		Reports		A	
Waste Disposal				Signage		A		Plans		A	
Waste Water	A							Notifications		A	
Solid Waste	A			Monitoring				Other			
Hazardous Waste	A			Sample Collection / Analysis		NI					
*The number in the comments field will correspond with specific comments provided below.											
Samples taken by Inspector:				Location(s): Rankin Inlet, Char River, Nipisar Lake.							
<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
<u>Inspectors Statement</u>			
An Inspection was conducted on June 17 th 2015 in the Hamlet of Rankin Inlet of Government of Nunavut, Community and Government Services licence 3AM-GRA1015. Megan Lusty (Municipal Planning E.I.T.) and Rob Hogan (Plant Operations Engineer) accompanied Inspector Atuat Shouldice to the various sites permitted under licence 3AM-GRA1015.			
An introduction site meeting took place on June 17 TH 2015 to discuss inspection format, site activities and a site inspection followed.			
SECTION 2	<input checked="" type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input checked="" type="checkbox"/> Action Required
<u>Char River Pump station</u>			
Observations			
Pumping station was not active during time of inspection and CGS was waiting on a flow meter to track water usage before they start pumping.			
1. Water Intake			
a. No concerns. Screen on hose was 1/4in mesh			
2. Water pump			
a. No concerns. Water pump was located in a sea can at Char River to prevent from vandalism.			
3. Refueling Water pump			
a. No concerns. The fuel tank for the water pump is located in the sea can and will be refueled by a pick-up truck equipped with a double walled tidy tank. No fuel is being stored on site.			
4. Water discharge to Nipisar			
a. No concerns. At the end of the discharge hose, a concrete board was fastened to the ground to diffuse water to stop erosion and sediments from running in to Nipisar Lake			



Nipisar Pump Station

Water is recirculated from Williamson Lake pump station back to Nipisar pump station in a closed loop to prevent freezing. The recirculated water does not re-enter the lake but stays in a loop between pump stations.

Observations

1. Intake hose

a. No concerns. Intake pipes located off the bottom of lake. The intake hose was equipped with 1/2in mesh screens.
2. Water log sheets/O&M manuals/spill plan.

a. No concerns. All logs were up to date and manuals were available for inspectors review.
3. Fuel on site

a. No concerns. The fuel tank for the pump house is located in a secondary containment berm beside the pump station.
No signs of erosion were visible in the berm.
4. Sampling/Sites signage

a. No Concerns. Sampling sites were identified

Sewage Plant

Solids are collected every Thursday and average approximately one cubic meter a week. The solids are disposed of into a trench in a designed “sewage screenings” area at the Hamlet of Rankin Inlet Municipal Dump as authorized with the written agreement with the Hamlet of Rankin Inlet water licence.

Observations

1. Out flow hose

a. No concerns noted. Recent repairs were made to the discharge pipe and diffuser to better displace the sewage effluent and allow for better distribution in to the environment.
2. Water log sheets/O&M manuals/spill plan.

a. No concerns. All logs were up to date and manuals were available for inspectors review.
3. Fuel on site

a. No concerns. No fuel or spills were observed during the inspection.
4. Sampling/Site signage

a. No Concerns. All required signage was posted

SECTION 3

☒ Comments

☐ Non-Compliance with Act or Licence

☐ Action Required

No concerns with sites identified in this inspection report, all information and logs were available during inspection.

Inspector's Name

Atuat Shouldice

Signature

Atuat Shouldice

Date

June 17th 2015

Inspector's Name

Signature

Date

Office Use Only:

Follow-up report to be issued by Inspector

☐ Yes

☒ No