

AANDC inspection Report- 2017

Water Licence: 3BM-GJO1318



WATER LICENCE INSPECTION FORM

☒ Original
☐ Follow-Up Report

Licensee		Licensee Representative	
Hamlet of Gjoa Haven		David Stockley	
Licence No. / Expiry		Representative's Title	
3BM-GJO1318		Senior Administrative Officer	
Land / Other Authorizations		Land / Other Authorizations	
Date of Inspection		Inspector	
July 11, 2017		Baba Pedersen	
Activities Inspected			
<input type="checkbox"/> Camp	<input type="checkbox"/> Drilling	<input type="checkbox"/> Mining	<input type="checkbox"/> Construction
<input type="checkbox"/> Roads/Hauling	<input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Other: Municipal Water License	<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				Water Management Structures		A		Storage			
Flow Measure. Device		A	2	Culverts / Bridges				Spills			
Source:				Drainage		A		Spill Plan			
Water Use:		A	2	Erosion / Sediment							
Recirculation (y /n)				Mitigation Measures				Administrative			
				Reclamation Activities				Records		A	2
				Materials Storage				Reports		A	8
Waste Disposal				Signage		C	1,3,5,6	Plans			
Waste Water		A	5			A	4	Notifications			
Solid Waste		C	7	Monitoring				Other			
Hazardous Waste				Sample Collection / Analysis		A	1,4,5				
*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				Samples were taken by Hamlet Staff as per Notes 1, 4 & 5							

SECTION 1	<input checked="" type="checkbox"/> Comments (s. __)	<input type="checkbox"/> Non-Compliance with Act or Licence (s. __)	<input type="checkbox"/> Action Required (s. __)
On July 11, 2017 I Inspected the Hamlet of Gjoa Haven’s Municipal Water License 3BM-GJO1318. I saw the Swan Lake Intake and Pump House, the In-Town Water Treatment Plant and Truck Fill Station, the Solid Waste Dump and Sewage Lagoon and all Associated Sample Stations. I was accompanied by Shah Alam, GN, CG&S and Adam Halluqtaliq and Dominique Qirqqut from the Hamlet of Gjoa Haven.			
SECTION 2	<input checked="" type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input type="checkbox"/> Action Required
1. At the Swan Lake Intake and Pump House (Photos 1 & 2) @ N 68°39’24.9” W 95°55’09.8” there was no Signage to indicate where Sample Station GJO-1 was located. Hamlet Staff took Samples here. 2. At the In-Town Treatment Plant and Truck Fill Station (Photo 3) I was shown the consumption amount from January to June 2017 as 22,614 cubic meters of water, well within authorized limits. 3. At the Solid Waste Leachate Discharge Location (Photo 4) with the GJO-2 Signage @ N 68°37’02.3” W 95°50’25.3”, I found this area to be dry and unsuitable for sampling. 4. At the Solid Waste Leachate Retention Sump Pit (Photos 5 & 6) with the GJO-5 Signage @ N 68°37’02.8” W 95°50’26.5” the Hamlet Staff took Samples here. 5. At the Sewage Effluent Final Discharge Point on the Wetland (Photo 7) @ N 68°36’59.6” W 95°49’48.0” I found the Signage marked GJO-7 was wrong. Hamlet Staff took Samples here. 6. The Sample Location marked GJO-4 (Photo 8) @ N 68°37’13.7” W 95°50’23.2” was found to be the wrong number. 7. At the Main Garbage Dump (Photos 9 & 10) I found large volumes of unburnt Garbage piled up very high. 8. The Annual Report has been submitted by CG&S and the Hamlet. 9. There were no records kept of how much volume was put into the Sewage Lagoon.			
SECTION 3	<input type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input checked="" type="checkbox"/> Action Required
1. Signage indicating where Sample Station GJO-1 is located at the Swan Lake Intake must be installed. 3. The GJO-2 Sample Location and Signage need to be moved from it’s current location to below the Sewage Lagoon where it is marked GJO-4 @ N 68°37’13.7” W 95°50’23.2”. 5. The Signage marked GJO-7 @ N68°36’59.6” W95°49’48.0” needs to be changed to GJO-4. 6. The Signage marked GJO-4 @ N 68°37’13.7” W 95°50’23.2” needs to be changed to GJO-2. 7. The Hamlet should seriously consider conducting regular controlled burning of the Garbage Dump using a Burn Box system in order to avoid an accidental uncontrolled large scale fire. 9. Daily and Monthly Records of how many Truck Loads are dumped into the Sewage Lagoon need to be kept in order to determine annual volumes.			



Licensee or Representative	Inspector's Name
	Baba Pedersen
Signature	Signature
	Signed Original on File
Date	Date
	6 March 2018

Office Use Only:	Follow-up report to be issued by Inspector	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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CC: licensing@nwb-oen.ca
 Manager of Field Operations, INAC
 Shah Alam, Municipal Engineer, Gov't of Nunavut



PHOTO LOG

Date	Camera	Inspector	Authorization
11 July 2017		Baba Pedersen	3BM-GJO1318
Photo Log # DSC00002		Location (N 68° 39' 24.9" W 95° 55' 09.8")	

Photo 1



Description: Swan Lake Water Intake – Sample Station GJO-1 – NO SIGNAGE

Photo Log # DSC09997

Location – Swan Lake

Photo 2



Description: Swan Lake Pump House and Back-up Truck Fill Station



Photo Log # DSC00007

Location In-Town

Photo 3



Description: Water Treatment Plant and In-Town Truck Fill Station

Photo Log # DSC00016

Location (N 68° 37' 02.3" W 95° 50' 25.3")

Photo 4



Description: Solid Waste Leachate Discharge location – Sample Station GJO-2 needs to be MOVED to where it is marked GJO-4



Photo Log # DSC00019

Location (N 68° 37' 02.8" W 95° 50' 26.5")

Photo 5



Description: Solid Waste Leachate Sump Pit – Sample Station GJO-5 – GOOD SIGNAGE

Photo Log # DSC00024

Location (N 68° 37' 02.8" W 95° 50' 26.5")

Photo 6



Description: Hamlet Staff Sampling at Solid Waste Leachate Sump Pit – Sample Station GJO-5 – GOOD SIGNAGE



Photo Log # DSC00050

Location (N 68° 36' 59.6" W 95° 49' 48.0")

Photo 7



Description: Sewage Effluent Final Discharge Point on Wetland – Sample Station marked GJO-7 needs to be CHANGED to GJO-4

Photo Log # DSC00057

Location (N 68° 37' 13.7" W 95° 50' 23.2")

Photo 8



Description: Sample Station marked GJO-7 needs to be CHANGED to GJO-2



Photo Log # DSC00033

Location – Main Garbage Dump

Photo 9



Description: Large Volume of Un-Burnt Garbage in Main Garbage Dump

Photo Log # DSC00029

Location – Main Garbage Dump

Photo 10



Description: Large Volume of Un-Burnt Garbage in Main Garbage Dump