



WATER LICENCE INSPECTION FORM

☒ Original
☐ Follow-Up Report

Licensee		Licensee Representative	
Hamlet of Kugluktuk		George Egotak	
Licence No. / Expiry		Representative's Title	
3BM-KUG1520			
Land / Other Authorizations		Land / Other Authorizations	
Date of Inspection		Inspector	
July 10, 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 checked="" type="checkbox"/> Other: Municipal Water License		<input type="checkbox"/> Reclamation
		<input type="checkbox"/> Other:	<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
Intake/Screen	NI			Water Management Structures			
Flow Measure. Device	A	2		Culverts / Bridges			
Source:	NI			Drainage			
Water Use:				Erosion / Sediment		C	4
Recirculation (y /n)				Mitigation Measures			
				Reclamation Activities		C	1
				Materials Storage			
Waste Disposal				Signage		C	9
Waste Water				Leakage		C	3
Solid Waste				Monitoring		Other	
Hazardous Waste	A	5		Sample Collection / Analysis			
*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 (s. __)	<input type="checkbox"/> Non-Compliance with Act or Licence (s. __)	<input type="checkbox"/> Action Required (s. __)
On July 10, 2017 I Inspected the Hamlet of Kugluktuk's Municipal Water Licence 3BM-KUG1520. I saw the Water Reservoir, the 2 Diversion Valve Vaults and the Heat Trace Box, the Truck Fill Station, the existing Water Treatment Plant, the Sewage Lagoon, the Main Garbage Dump, the Land Farm area, the Hazardous Waste Storage, the Metal Dump and the Sewage Effluent Outflow at the Ocean. I was accompanied by Shah Alam, GN, CG&S and George Egotak with the Hamlet of Kugluktuk.			
SECTION 2	<input checked="" type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input type="checkbox"/> Action Required
1. At the existing Water Treatment Plant (Photos 1 & 2) I found that there is a very large amount of Water Filters used every year and they are all thrown away in the Garbage Dump. 2. Water Consumption Records are kept every day and are readily available upon request. The Hamlet is well within authorized limits. 3. At the Sewage Lagoon I found the Leakage continues from last year (Photos 3 & 4) and 4. There were noticeable Cracks in the Buttress (Photo 5). 5. In the Main Garbage Dump area there were many Drums of Used Oil (Photo 6) waiting to be Incinerated, the Hamlet is actively working on Incinerating as much of the Used Oil in stock. 6. I also found really lots of Drums of used oil within the fenced off Land Farm area (Photo 7). 7. I also saw many old Batteries on the ground (Photo 8) in the Main Garbage Dump. 8. Within the Metal Dump there was also a large group of Full Used Oil Drums (Photo 9) being stored with no form of Secondary Containment. 9. The Paint on the Wooden Signage at the Sewage Effluent Outflow (Photo 10) at the Ocean was completely worn off.			
SECTION 3	<input type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input checked="" type="checkbox"/> Action Required
1. I recommend that the Hamlet try to find a way to send all the used Water Filters South for Recycling as they produce a large number of them annually and they take up a lot of space in the Land Fill. 3 and 4.The Hamlet must continue it's efforts to have the Leaks in the Sewage Lagoon and the cracks in the Lagoon Buttress permanently repaired. 6. All Drums and Batteries must be removed from the Land Farm area in order for the Land Farm to be used properly. 7. All the old Batteries that are lying on the Ground in the Main Dump area and the Land Farm area must be put into Lined Crates inside the Sea Can Container. 8. All Used Oil Drums in the Metal Dump area must be moved into an area with proper Secondary Containment. 9. All required Signage as per the Water License needs to be Repaired or Replaced.			

Licensee or Representative	Inspector's Name
	Baba Pedersen
Signature	Signature
	Signed Original on File
Date	Date
	2018 Feb 19



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
2017 July 10		Baba Pedersen	3BM-KUG1520
Photo Log # DSC09860		Location Water Treatment Plant	
Photo 1			



Description: Inside view of existing Water Treatment Plant

Photo Log # DSC09864

Location Water Treatment Plant

Photo 2



Description: Used Filters from Water Treatment Plant



Photo Log # DSC09875

Location Sewage Lagoon Leak

Photo 3



Description: Sewage Lagoon Leak below Buttress

Photo Log # DSC09879

Location Sewage Lagoon Leak

Photo 4



Description: Close up of Sewage Lagoon Leak below Buttress



Photo Log # DSC09926

Location Sewage Lagoon – North facing slope

Photo 5



Description: Visible Cracking in Buttress

Photo Log # DSC09934

Location inside Main Garbage Dump

Photo 6



Description: Drums of Used Oils waiting to be Incinerated



Photo Log # DSC09939

Location Land Farm area

Photo 7



Description: Used Oil Drums need to be removed from Land Farm area to ensure proper use of Land Farm for Contaminated Soils

Photo Log # DSC09943

Location Main Garbage Dump

Photo 8



Description: Used Batteries on Ground need to be moved into Lined Boxes in Sea Can Container



Photo Log # DSC09951

Location Metal Dump

Photo 9



Description: Used Oil Drums being stored in Metal Dump with no Liner need to be moved to a contained area

Photo Log # DSC09974

Location (N 67° 49' 31.9" W 115° 10' 08.5")

Photo 10



Description: Paint on Wood Signage has Worn Off at Effluent Outflow to Ocean