



WATER LICENCE INSPECTION FORM

☒ Original
☐ Follow-Up Report

Licensee		Licensee Representative	
Hamlet of Kugluktuk		Aaron Shaban	
Licence No. / Expiry		Representative's Title	
3BM-KUG1520		Hamlet Foreman	
Land / Other Authorizations		Land / Other Authorizations	
Date of Inspection		Inspector	
16 July 2018		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			Site Conditions			Haz/Mat Management		
	Condition	Comment		Condition	Comment		Condition	Comment
Intake/Screen			Water Management Structures			Storage	C	8
Flow Measure. Device	A	1	Culverts / Bridges			Spills	C	9
Source:			Drainage	C	7	Spill Plan		
Water Use:	A	1	Erosion / Sediment					
Recirculation (y /n)			Mitigation Measures			Administrative		
			Reclamation Activities			Records	A	1
			Materials Storage			Reports	A	
Waste Disposal			Signage	C	3,4,5,6,7&10	Plans		
Waste Water	C	11				Notifications	A	2
Solid Waste	A		Monitoring			Other		
Hazardous Waste	C	8	Sample Collection / Analysis	A				
*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. __)
<p>On July 16, 2018 I Inspected the Hamlet of Kugluktuk’s Municipal Water License 3BM-KUG1520. I saw the Old Pump House and Raw Water Intake, the New Pump House and Raw Water Intake complete System, the Old Treatment Plant, the Mobile Emergency Pump Shed, the New Treatment Plant, the Back-Wash Reservoir, the Main Reservoir, the Valve Vault, the Metal Dump Expansion Project, the Garbage Dump, the Used Oil Burn Program, the Contaminated Soils Land Farm Area, the Sewage Lagoon, the Buttress Repair Project and All Associated Sample Sites under the Water License.</p> <p>I was accompanied by Shah Alam and Zach from the GN CGS as well as Aaron Shaban and Kevin Klengenberg from the Hamlet of Kugluktuk.</p>			
SECTION 2	<input checked="" type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input type="checkbox"/> Action Required
<p>1. The Hamlet has used 37,000 Cubic Meters of Water so far this year. 2. The Hamlet is using both the Old and New Water Systems simultaneously during the Test Period for the New System. 3. There was No Signage at Sample Station KUG-1A below the New Raw Water Intake Pump Shack (Photos 1 & 2), 4. There was no Signage at Sample Station KUG-1B in the Old Water Treatment Plant (Photo 3), 5. There was no Signage at Sample Station KUG-1C in the New Water Treatment Plant (Photo 5), 6. There was no Signage on the Emergency Pump Shed used as Sample Station KUG-1D (Photo 6), 7. The Hamlet was in the middle of a Metal Dump Expansion Project (Photo 7), 8. There were still lots of Used Oil Drums and other Debris inside the Contaminated Soils Land Farm area of the Garbage Dump (Photo 8), 9. The Sewage Lagoon Buttress Repair Project is complete, but it is still leaking at a slower rate (Photo 9), 10. The Signage for Sample Station KUG-3 inside the Sewage Lagoon was not at the actual Sample Point (Photo 10), 11. I observed several Items floating within the Sewage Lagoon, including a 45 gallon Drum, 2 Logs and Various Debris (Photos 11 & 12).</p>			
SECTION 3	<input type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input checked="" type="checkbox"/> Action Required
<p>1. The Hamlet is well within their allowable limit of 77,000 Cubic Meters per year. 2. Please advise the Inspector when the Old Water System stops being used. 3. Proper Signage must be installed at Sample Station KUG-1A. 4. Proper Signage must be installed at Sample Station KUG-1B. 5. Proper Signage must be installed at Sample Station KUG-1C. 6. Proper Signage must be installed on the outside of the Emergency Pump Shed identifying this as Sample Station KUG-1D, and If or When this is ever used, then exact GPS Coordinates must be recorded to identify location used. 7. Sample Station KUG-2 will have to be</p>			



relocated to a more suitable spot after the Hamlet is finished with the Metal Dump Expansion Project. The Hamlet must contact the Inspector when they are ready to select the new Sample location. 8. All Drums and other Debris must be removed from the Contaminated Soils Land Farm Area within the Garbage Dump to allow for proper usage of this facility. 9. The Hamlet and the GN must continue to monitor the leak under the Sewage Lagoon Buttress and figure out a permanent solution to this ongoing concern. 10. The Signage for Sample Station KUG-3 must be relocated to above the actual Sample Point. 11. All foreign Items floating in the Sewage Lagoon must be removed.

Licensee or Representative	Inspector's Name
	Baba Pedersen
Signature	Signature
	Signed Original on File
Date	Date
	2019 Jan 18

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. CIRNAC, Manager Field operations, Iqaluit, Justin.hack@canada.ca

Nunavut Water Board, Manager of Licensing, Gjoa Haven, licensing@nwb-oen.ca

Gov't of Nunavut, Municipal Engineer, Cambridge Bay, salam@gov.nu.ca

PHOTO LOG

Date	Camera	Inspector	Authorization
16 July 2018	Sony DSC-HX50V	Baba Pedersen	3BM-KUG1520
Photo Log # DSC02898		Location : New Raw Water Intake	

Photo 1



Description: View of New Raw Water Intake Pump Shack from access road

Photo Log # DSC02899	Location : New Raw Water Intake
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Photo 2



Description: No Signage for Sample Station KUG-1A – Raw Water Intake below New Pump Shack



Photo Log # DSC02915

Location : Old Water Treatment Plant

Photo 3



Description: No Signage for Sample Station KUG-1B – Raw Water Spout in Old Water Treatment Plant

Photo Log # DSC02920

Location : New Water Treatment Plant

Photo 4



Description: Inside view of New Water Treatment Plant



Photo Log # DSC02921

Location : New Water Treatment Plant

Photo 5



Description: No Signage for Sample Station KUG-1C – Raw Water Test Point in New Water Treatment Plant

Photo Log # DSC02938

Location : Various Depending on Requirements

Photo 6



Description: No Signage for Sample Station KUG-1D – Temporary Emergency Winter Raw Water Intake Shed placed where & when required



Photo Log # DSC02948

Location : Metal Dump

Photo 7



Description: Sample Station KUG-2 at Metal Dump needs to be Relocated after completion of Burial Program

Photo Log # DSC02959

Location : Main Dump

Photo 8



Description: All Drums to be removed from Contaminated Soil Land Farm Area



Photo Log # DSC02968

Location : Sewage Lagoon

Photo 9



Description: Completed Sewage Lagoon Buttruss – still has a leak, Berm no longer collapsing and Fence has been leveled out

Photo Log # DSC02970

Location : Sewage Lagoon

Photo 10



Description: Sample Station KUG-3 Signage needs to be moved to above actual Sample Point



Photo Log # DSC02979

Location : Sewage Lagoon

Photo 11



Description: Empty Drum floating inside Sewage Lagoon needs to be removed

Photo Log # DSC02986

Location : Sewage Lagoon

Photo 12



Description: Floating Debris and Logs inside Sewage Lagoon need to be removed