



WATER LICENCE INSPECTION FORM

☒ Original
☐ Follow-Up Report

Licensee		Licensee Representative	
Hamlet of Kugaaruk		Chantal Dowden	
Licence No. / Expiry		Representative's Title	
3BM-PEL1929		Senior Administrative Officer	
Land / Other Authorizations		Land / Other Authorizations	
Date of Inspection		Inspector	
2020 August 14		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	<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
Intake/Screen				Water Management Structures			
Flow Measure. Device	A			Culverts / Bridges			
Source:				Drainage		C	7
Water Use:				Erosion / Sediment			
Recirculation (y /n)				Mitigation Measures		C	3
				Reclamation Activities		A	8
				Materials Storage		C	2
Waste Disposal				Signage		A	
Waste Water	A	9					
Solid Waste	C	4 & 5		Monitoring			
Hazardous Waste	C	1		Sample Collection / Analysis		A	10
*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 Friday August 14, 2020, I Baba Pedersen, Resource Management and Water Resources Officer with Crown-Indigenous Relations and Northern Affairs Canada, the Writer of this Report, did Inspect the holder (Hamlet of Kugaaruk) of Water Licence number 3BM-PEL1929 issued for the Municipal Use of Water and Waste Disposal in the Hamlet of Kugaaruk in the Kitikmeot Region of Nunavut.</p> <p>The Inspector was accompanied by Shah Alam, Municipal Planning Engineer from the GN-CGS and George Kakkianiun, Billy Oksokitok and Etienne with the Hamlet of Kugaaruk. The Site Inspections were preceded by a meeting in the offices of the Hamlet of Kugaaruk that also included Chantal Dowdan, Senior Administrative Officer for the Hamlet of Kugaaruk.</p>			
SECTION 2	<input checked="" type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input type="checkbox"/> Action Required
<p>During the Site Inspections, the following was observed by the Inspector;</p> <ol style="list-style-type: none">1. The Used Oil Bermed Storage Area in the Metal Dump2. Metal Dump Debris encroaching onto the Road3. Accumulation of Debris in the Garbage Dump4. Metal Dump Material stored in the Garbage Dump5. Garbage being placed on the ground across the road outside the Fenced Area of the Garbage Dump6. Temporary Used Battery Storage while waiting to be Crated7. The Ditch outside the Garbage Dump Fenced Area near Sample Station PEL-68. The Construction of the New Sewage Lagoon9. The Temporary Sewage Lagoon being used during the New Sewage Lagoon Construction10. Decanting of the Sewage Lagoon11. YTD Water Consumption Records12. The Licence Holder has submitted the Annual Report to the Nunavut Water Board			
SECTION 3	<input type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input checked="" type="checkbox"/> Action Required
<ol style="list-style-type: none">1. The Licence Holder shall remove the Rain Water from the Lower Cell into the Sewage Lagoon BEFORE FREEZE-UP, and place all Crushed Drums into the Lower Cell PRIOR TO March 31, 2021. Then the Licence Holder Shall place all Drums of Used Oil within the 3 Upper Bermed Areas PRIOR TO March 31, 2021.2. The Licence Holder shall push back all Debris encroaching onto the Road from the Metal Dump PRIOR TO March 31, 2021.3. The Licence holder shall IMMEDIATELY restart the Burn Program of Non-Hazardous Material in the Garbage Dump to reduce the volume of Waste Piles.			



4.

The Licence Holder Shall remove the large metal debris in the Garbage Dump and place it in the Metal Dump PRIOR TO Freeze-up.
5.

The Licence Holder shall move all Garbage outside of the Garbage Dump Fenced Area to within the Garbage Dump PRIOR TO Freeze-up.
6.

The Licence Holder shall Temporarily Store all Used Batteries waiting to be Crated within a Wooden Crate EFFECTIVE IMMEDIATELY.
7.

The Licence Holder shall remove all Debris from within the Ditch around the PEL-6 Sample Station PRIOR TO Freeze-up.
8.

The Licence Holder along with the Gov't of Nunavut have a Contractor rebuilding the Sewage Lagoon which is expected to be in operation before Freeze-up this year. The Inspector has no concerns with this at this time.
9.

The Licence Holder is using the Lower Cell of the Sewage Lagoon System as the Main Cell during the Construction Phase for the New Main Cell of the Sewage Lagoon. The Inspector has no concerns with this at this time.
10.

The Licence Holder and the Contractor have already completed the Sample and Decant Programs for this season.
11.

The Licence Holder shall supply the Inspector with the YTD Consumption Records from January through July in early September when Staff return to work from vacation. UPDATE: The License Holder provided this information to the Inspector on September 1, 2020 as promised, THANK YOU very much. The Consumption Records show usage from January through August is 24,427 Cubic Meters which is well within allowable limits.
12.

Thank you for this, the Inspector has no concerns with this

Licensee or Representative	Inspector's Name
	Baba Pedersen
Signature	Signature
	Signed Original on File
Date	Date
	2020 October 30

Office Use Only: Follow-up report to be issued by Inspector

☐ Yes ☒ No

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
2020 August 14	Sony DSC-HX50V	Baba Pedersen	3BM-PEL1929

Photo Log # DSC06218

Photo 1



Description: Lower Cell of Used Oil Drum Bermed Area showing Rain Water to be transferred into the Sewage Lagoon

Photo Log # DSC06221

Photo 2



Description: Upper Bermed Area where All Drums of Used Oils should be stored



Photo Log # DSC06228

Photo 3



Description: Debris from the Metal Dump encroaching onto the Road requires to be pushed back away from the road

Photo Log # DSC06252

Photo 4



Description: Excessive Piles of Non-Hazardous Waste within the Garbage Dump requiring routine Burning to control volumes



Photo Log # DSC06253

Photo 5



Description: Large Metal Debris shown on Left Side of Photo should be moved and stored within the Metal Dump

Photo Log # DSC06245

Photo 6



Description: Used Batteries waiting to be Crated Up should be stored in an open wooden crate, not directly on the ground



Photo Log # DSC06260

Photo 7



Description: All Debris in the Ditch near Sample Station PEL-6 needs to be removed and placed within the Garbage Dump

Photo Log # DSC06264

Photo 8



Description: Contractor Rebuilding the Sewage Lagoon which is expected to be in use before freeze-up this season



Photo Log # DSC06284

Photo 9



Description: Lower Cell of the Sewage Lagoon being used as the Main Cell during the rebuilding Construction period

Photo Log # DSC06295

Photo 10



Description: Top view of the Decant Area for the Sewage Lagoon