



WATER LICENCE INSPECTION FORM

☒ Original
☐ Follow-Up Report

Licensee		Licensee Representative	
Hamlet of Kugaaruk		John Ivey	
Licence No. / Expiry		Representative's Title	
3BM-PEL1419		Senior Administrative Officer	
Land / Other Authorizations		Land / Other Authorizations	
Date of Inspection		Inspector	
July 13, 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
Intake/Screen				Water Management Structures			
Flow Measure. Device		A	2	Culverts / Bridges		A	
Source:				Drainage		A	
Water Use:				Erosion / Sediment			
Recirculation (y /n)				Mitigation Measures			
				Reclamation Activities			
				Materials Storage			
Waste Disposal				Signage		C	3&4
Waste Water		C	6			A	5
Solid Waste		C	8	Monitoring			
Hazardous Waste		C	7&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		Samples were taken by the Hamlet Staff at PEL-1-1, PEL-2, PEL-3-2, PEL-4 & PEL-7					

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 13, 2017 I Inspected the Hamlet of Kugaaruk’s Municipal Water License 3BM-PEL1419. I saw the Kugajuk River Water Intake Pump Building and Truck Fill Station, the Sewage Lagoon, the Garbage Dump, the Metal Dump and all associated Sample Stations. I was accompanied by Shah Alam, GN CG&S and Gaeton, George and Etienne from the Hamlet of Kugaaruk.			
SECTION 2	<input checked="" type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input type="checkbox"/> Action Required
1. At the Kugajuk River Intake Pump Building and Truck Fill Station (Photo 1), I was shown the Disposable Filters used in the Water Treatment Process (Photo 4), and 2. The Flow Meter (Photo 5) on the Raw Water Intake and Water Consumption Records on request, they have used 17,371 cubic meters of Water so far, well within allowable limits, and 3. Sample Station PEL-1-1 (Photo 2), Hamlet Staff Sampled here, there was no visible Signage, and 4. The PEL-1-2 alternate Sample Station (Photo 3) inside the Building where there was also no visible Signage. 5. At the Sewage Lagoon I saw very nice Signage at Sample Station PEL-3-1 (Photo 6) @ N 68° 31’ 17.1” W 089° 50’ 05.6”, Hamlet Staff Sampled here, and 6. Leak #1 (Photo 7) @ N 68° 31’ 12.4” W 089° 49’ 58.3” and Leak #2 (Photo 8) @ N 68° 31’ 14.6” W 089° 50’ 04.2” where the Flow at both locations appears to have slowed down a little from last year. 7. At the Metal Dump (Photo 9) Hamlet Staff had started putting Drums of Used Oils inside the Lined Berm area as requested last year, good job so far! 8. At the Garbage Dump (Photo 10) Hamlet Staff have Cleaned Up and Segregated Contents very nicely as requested last year, again, good job!			
SECTION 3	<input type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input checked="" type="checkbox"/> Action Required
1. I recommend the Hamlet (and the GN) consider sending the used Water Filters South for Recycling to avoid putting them in the Garbage Dump and using up valuable space. 2. Thank you for having a critical part of the Water License requirements available on request, not all Municipalities have this capability. 3. Appropriate Signage needs to be installed to show the location of Sample Station PEL-1-1. 4. Appropriate Signage needs to be installed to show the location of Sample Station PEL-1-2. 5. Very nice Signage here and the rest of the Sample Stations, thank you very much. 6. That Hamlet must continue working with the GN to find a way to stop the 2 Leaks coming out of the bottom of the Sewage Lagoon. I want to see progress on this during my summer 2018 Inspection. 7. Hamlet Staff must continue, and complete, putting all Drums of Used Oil into the Lined Berm area. 8. Good Job! Continue having the Hamlet Staff Segregate Hazardous Materials, Batteries and Animal Carcasses from the rest of the Garbage Dump.			



Licensee or Representative	Inspector's Name
	Baba Pedersen
Signature	Signature
	Signed Original on File
Date	Date
	23 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
13 July 2017		Baba Pedersen	3BM-PEL1419
Photo Log # DSC00305		Location Kugajuk River	

Photo 1



Description: Intake Pump Building and Truck Fill Station

Photo Log # DSC00324

Location (N 68° 32' 43.5" W 089° 46' 11.2")

Photo 2



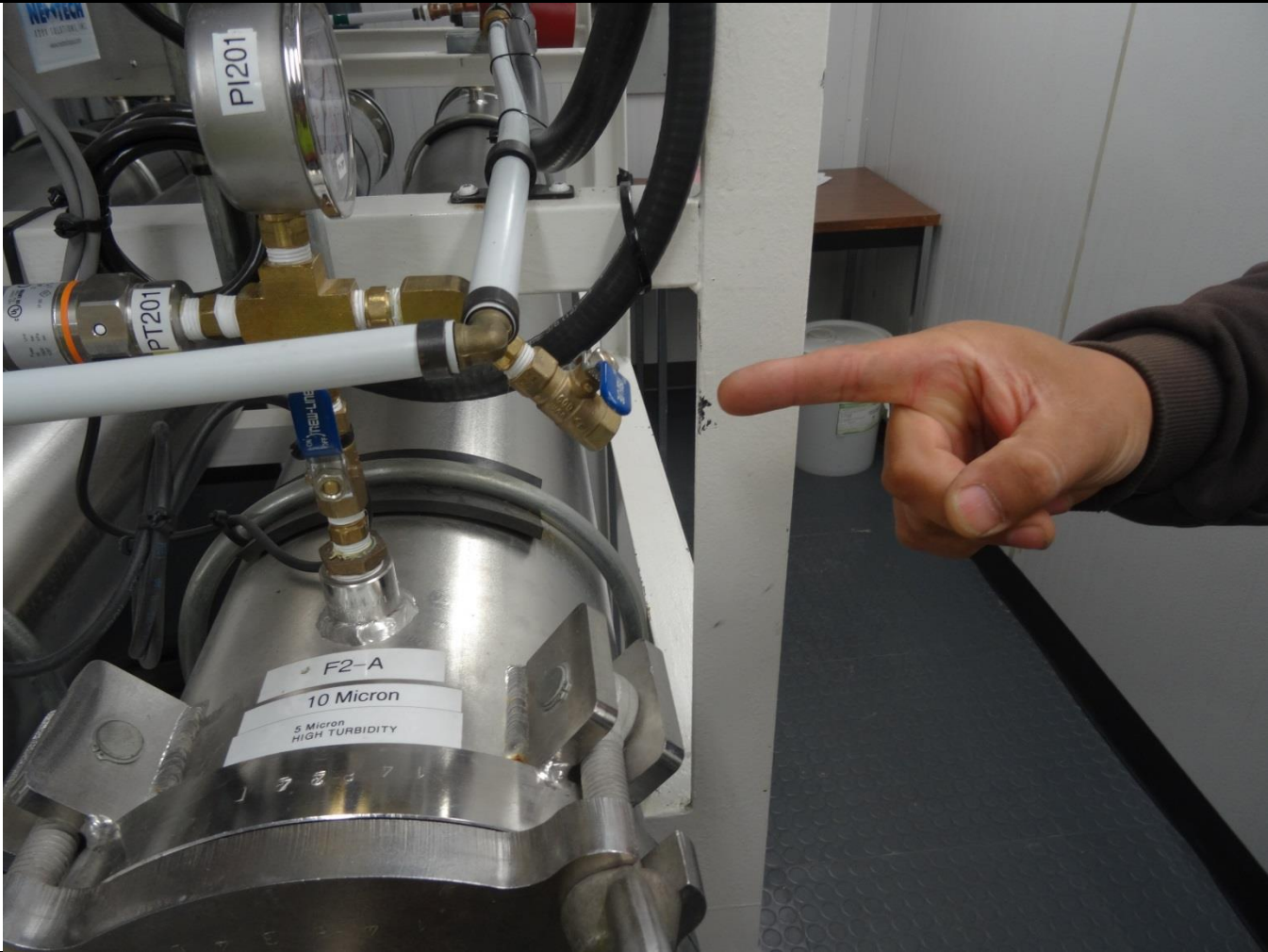
Description: PEL-1-1 Sample Location needs Signage



Photo Log # DSC00312

Location Inside Intake Pump Building

Photo 3



Description: PEL-1-2 Alternate Sample Location inside Intake Pump Building needs Signage

Photo Log # DSC00310

Location inside Container beside Intake Pump Building

Photo 4



Description: New Disposable Filters in Storage being used in Water Treatment Process



Photo Log # DSC00307

Location inside Intake Pump Building

Photo 5



Description: Flow Meter on Raw Water Intake

Photo Log # DSC00339

Location (N 68° 31' 17.1" W 089° 50' 05.6")

Photo 6



Description: Sample Location PEL-3-1 with very nice Signage



Photo Log # DSC00390

Location (N 68° 31' 12.4" W 089° 49' 58.3")

Photo 7



Description: View from on top of Sewage Lagoon Berm of Leak #1

Photo Log # DSC00386

Location (N 68° 31' 14.6" W 089° 50' 04.2")

Photo 8



Description: View from on top of Sewage Lagoon Berm of Leak #2



Photo Log # DSC00453

Location Metal Dump

Photo 9



Description: Used Oil Drums being stored inside Lined Berm Area – Good Job – Continue putting ALL Used Oil Drums in this area

Photo Log # DSC00465

Location Garbage Dump

Photo 10



Description: View of Garbage Dump Entrance – Very nice job of cleaning up from last year