



WATER LICENCE INSPECTION FORM

☒ Original
☐ Follow-Up Report

Licensee		Licensee Representative	
Hamlet of Cambridge Bay		Marla Limousin	
Licence No. / Expiry		Representative's Title	
3BM-CAM1520		Senior Administrative Officer	
Land / Other Authorizations		Land / Other Authorizations	
Date of Inspection		Inspector	
2019 July 2		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			
Water Use:				Erosion / Sediment			
Recirculation (y /n)		A	3	Mitigation Measures		U	1
				Reclamation Activities			
				Materials Storage			
Waste Disposal				Signage		A	2 & 5
Waste Water		C	4				
Solid Waste				Monitoring			
Hazardous Waste		A	8	Sample Collection / Analysis			
Lagoon Decanting		C	6				
*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 2, 2019 I Inspected the Hamlet of Cambridge Bay's Municipal Water License 3BM-CAM1520. I was accompanied by Wayne Weese from the Hamlet of Cambridge Bay, Shah Alam from GN-CGS and Candice Pedersen from CIRNAC.			
SECTION 2	<input checked="" type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input type="checkbox"/> Action Required
We saw 1. The new Fuel Tank waiting to be installed at the Raw Water Intake Pump House (photos 1 & 2), 2. The new Signage for the CAM-1 Sample location (photo 3), 3. The Back Wash System at the Water Treatment Plant (photo 4), 4. The Sewage Lagoon (photos 5 & 6), 5. The relocation and new Signage for Sample Station CAM-3 (photo 7), 6. The Freeboard of less than 1 meter in the Sewage Lagoon Primary Cell (photo 8), 7. The 2 Berm Areas within the Metal Dump (photos 9 & 10), 8. The used Battery Storage in the Metal Dump (photo 11), and 9. The total Water Consumption YTD amounts (photo 12).			
SECTION 3	<input type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input checked="" type="checkbox"/> Action Required
Actions required are 1. The new Fuel Tank at the Raw Water Intake Pump House is 88 meters from the High Water Mark, which is good. It MUST be installed this season before the snow falls, and the old tank removed, or the Inspector will have no choice but to pursue further enforcement action. 2. Thank you for installing the new CAM-1 Signage as per my directions last year. 3. Thank you to the Plant Operator, Mr. Brian Wilson, for showing and explaining to me how the Back Wash System works and that all water used in this weekly process is accounted for in the total consumption records. 4. The various large metal debris showing within the Sewage Lagoon MUST be removed after the Decant Process is complete. 5. Thank you for relocating and installing new Signage at Sample Station CAM-3 as per my directions last year. 6. The Sewage Lagoon must be Sampled, then upon favorable results, Decanted, in order to bring down the levels to manageable amounts. 7. The melt water within the 2 Berm Areas in the Metal Dump shall be removed and dumped into the Sewage Lagoon, and the Mega Bags of Contaminated Soils are to be placed in the existing Land Farms to be properly remediated. 8. Thank you for starting the process of Crating used Batteries and storing them within a Sea Can to await shipment to the South for proper disposal. 9. The YTD Total Water Usage is 39,161,052 Litres which is well within the allowed limits.			

Licensee or Representative	Inspector's Name
	Baba Pedersen
Signature	Signature
	Signed Original on File
Date	Date
	2019 July 2



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
2019 July 2	Sony DSC-HX50V	Baba Pedersen	3BM-CAM1520
Photo Log # DSC04814			
Photo 1			
			
Description: New Fuel Tank to be hooked up to Raw Water Intake Pump House will now be at an acceptable 88 meters from the water			
Photo Log # DSC04816			
Photo 2			
			
Description: New Fuel Tank to be hooked up to Raw Water Intake Pump House will now be at an acceptable 88 meters from the water			



Photo Log # DSC04818

Photo 3



Description: New Signage installed to show location of Sample Station CAM-1

Photo Log # DSC04822

Photo 4



Description: The Back Wash Tank attached to the Water Plant



Photo Log # DSC04823

Photo 5



Description: The Sewage Lagoon showing large metal debris that requires removal

Photo Log # DSC04824

Photo 6



Description: The Sewage Lagoon showing large metal debris that requires removal



Photo Log # DSC04829

Photo 7



Description: The new Signage showing the relocated Sample Station CAM-3

Photo Log # DSC04832

Photo 8



Description: The Sewage Lagoon Berm Run-off area showing less than 1 meter Free Board



Photo Log # DSC04835

Photo 9



Description: Berm #1 within the Metal Dump showing Melt Water and Mega Bags requiring removal/relocation

Photo Log # DSC04848

Photo 10



Description: Berm #2 within the Metal Dump showing Melt Water and Mega Bags requiring removal/relocation

Photo Log # DSC04853

Photo 11



Photo Log # DSC04855

Photo 12

