



WATER LICENCE INSPECTION FORM

☒ Original
☐ Follow-Up Report

Licensee		Licensee Representative	
Hamlet of Cambridge Bay		Jim MacEachern	
Licence No. / Expiry		Representative's Title	
3BM-CAM1520		Assistant Senior Administrative Officer	
Land / Other Authorizations		Land / Other Authorizations	
Date of Inspection		Inspector	
July 14, 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	3	Culverts / Bridges			
Source:				Drainage			
Water Use:				Erosion / Sediment			
Recirculation (y /n)				Mitigation Measures		A	4 & 7
				Reclamation Activities			
				Materials Storage			
Waste Disposal				Signage		C	2
Waste Water						A	5,8&9
Solid Waste		A	6	Monitoring			
Hazardous Waste		A	8	Sample Collection / Analysis		NI	
*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		No Samples were taken during this Inspection.					

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 14, 2017 I Inspected the Hamlet of Cambridge Bay’s Municipal Water License 3BM-CAM1520. I saw the new Water Intake Building, the new Water Treatment Plant and Truck Fill Station, the old Water Treatment Plant and Truck Fill Station Building, the Sewage Lagoon, the Garbage Dump, the Metal Dump and all associated Sample Stations. I was accompanied by Shah Alam, GN CGS and Wayne Weese, Albert and Rick from the Hamlet of Cambridge Bay.			
SECTION 2	<input checked="" type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input type="checkbox"/> Action Required
1. At the new Water Intake Building the Fuel Tank, which is a single wall with no berm, is only 16 meters from the edge of the lake. 2. The CAM-1 Sample Station (Photo 1) @ N 69* 08’ 19.6” W 105* 03’ 55.5” is still located at the old location. 3. At the new Water Treatment Plant (Photo 3) I saw the Flow Meter (Photo 2) which records the amount of Raw Water taken out of the lake. They have used 43,307 cubic meters of water to date, which is in allowable limits. 4. At the Sewage Lagoon I saw the Primary Sewage Truck Dumping Station (Photo 4) at N 69* 07’ 41.7” W 105* 02’ 24.1” where the Lagoon Liner has been repaired. 5. At the Garbage Dump there was very nice Signage (Photo 5), and 6. I noticed that the Dump is nicely Organized and Segregated (Photo 6). 7. At the Metal Dump I saw that the Lined Berm Area (Photos 7 & 8) at N 69* 07’ 27.4” W 105* 01’ 29.4” has been Emptied, Dried and Sorted as per my 2016 request, and 8. Hazardous Materials are well organized and segregated (Photo 9) with adequate Signage, and 9. There was very nice Signage (Photo 10) at the Entrance to the Metal Dump. 10. Annual Reports have been submitted on time.			
SECTION 3	<input type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input checked="" type="checkbox"/> Action Required
1. The Fuel Tank MUST be Removed and Relocated a minimum of 31 Meters from the High Water Mark and it MUST either be a Double-Walled Tank or be placed within an approved Secondary Containment Berm. 2. The CAM-1 Sample Station and Signage needs to be moved to the end of the new Intake. 3. Thank you for having a critical part of the Water License Requirements available on request. 4. Nice Job of repairing the tear in the Liner as requested in 2016. 5 & 6. Good Job with the Garbage Dump. 7. Thank you for doing a good job of Emptying, Drying Out and Sorting the Lined Berm area in the Metal Dump as requested in 2016, this is much appreciated. 8 & 9. Good Job with the Metal Dump.			



Licensee or Representative	Inspector's Name
	Baba Pedersen
Signature	Signature
	Signed Original on File
Date	Date
	28 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
14 July 2017		Baba Pedersen	3BM-CAM1520
Photo Log # DSC00517		Location (N 69° 08' 19.6" W 105° 03' 55.5")	

Photo 1

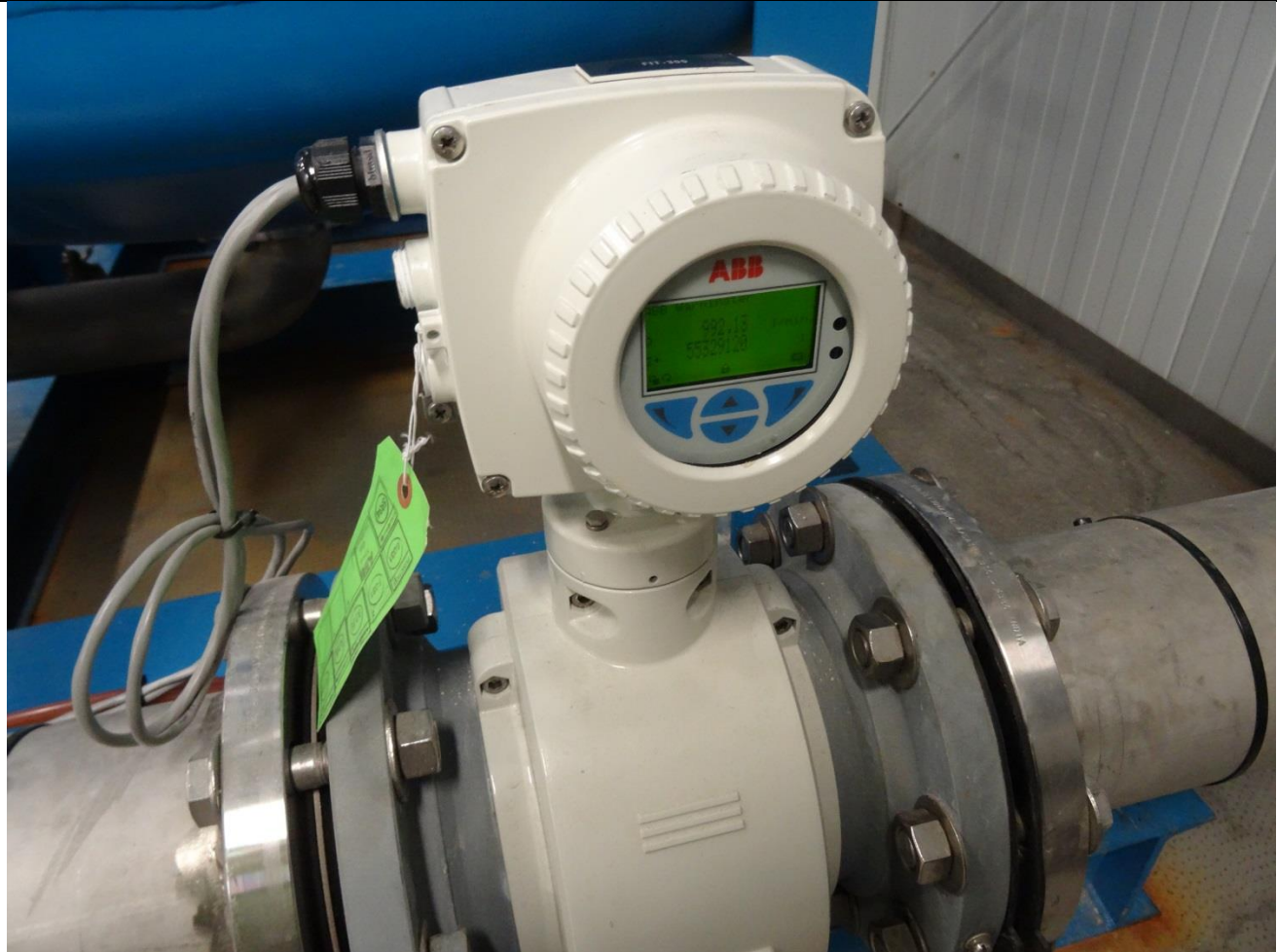


Description: Move this existing Sample Station CAM-1 and Signage to the end of the NEW Water Intake

Photo Log # DSC00527

Location inside New Water Treatment Plant

Photo 2



Description: Flow Meter on Raw Water Intake in New Water Treatment Plant – 43,307 Cubic Meters to date



Photo Log # DSC00540

Photo 3



Description: Outside view of new Water Treatment Plant and Truck Fill Station

Photo Log # DSC00543

Location (N 69° 07' 41.7" W 105° 02' 24.1")

Photo 4



Description: Primary Sewage Truck Dumping Station showing Repaired Liner as per 2016 Inspector Instructions



Photo Log # DSC00558

Location Garbage Dump

Photo 5



Description: Gated Fence at Garbage Dump with Signage indicating Hours of Operation

Photo Log # DSC00560

Location Garbage Dump

Photo 6



Description: Interior of Garbage Dump is nicely Organized and Segregated



Photo Log # DSC00569

Location (N 69° 07' 27.4" W 105° 01' 29.4")

Photo 7



Description: View #1 of Lined Berm Area inside Metal Dump, has been Emptied, Dried and Sorted as per 2016 Inspection – Very Nice Job!

Photo Log # DSC00570

Location (N 69° 07' 27.4" W 105° 01' 29.4")

Photo 8



Description: View #2 of Lined Berm Area inside Metal Dump, has been Emptied, Dried and Sorted as per 2016 Inspection – Very Nice Job!



Photo Log # DSC00592

Location Metal Dump

Photo 9



Description: Used Battery Storage in Metal Dump – well Organized and Segregated with adequate Signage

Photo Log # DSC00600

Location Metal Dump

Photo 10



Description: Signage at Entrance to Metal Dump indicating Hours of Operation