



WATER LICENCE INSPECTION FORM

☒ Original
☐ Follow-Up Report

Licensee		Licensee Representative	
Municipality of Grise Fiord		David Watsko	
Licence No. / Expiry		Representative's Title	
3BM-GRI0911		Hamlet Foreman	
Land / Other Authorizations		Land / Other Authorizations	
Date of Inspection		Inspector	
07/07/2014		A.Keim	
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: Water Discharge	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Fuel Storage
<input checked="" type="checkbox"/> Other:			

Conditions:		A - Acceptable	C - Concern	U - Unacceptable	NA – Not Applicable	NI – Not Inspected					
Water Use		Condition	Comment	Site Conditions		Condition	Comment	Haz/Mat Management		Condition	Comment
Intake/Screen		A		Water Management Structures				Storage		NI	
Flow Measure. Device		NI		Culverts / Bridges	A			Spills		C	4
Source: Glacier		A		Drainage	A			Spill Plan		C	4
Water Use:				Erosion / Sediment	NI						
Recirculation (y /n)		N		Mitigation Measures	NA			Administrative			
				Reclamation Activities	C	1		Records			
				Materials Storage	NI			Reports		C	3
Waste Disposal				Signage	U	2		Plans			
Waste Water		A						Notifications			
Solid Waste		U	1	Monitoring				Other			
Hazardous Waste		U	1	Sample Collection / Analysis	C	3		Compliance Plan		U	5
*The number in the comments field will correspond with specific comments provided below.											
Samples taken by Inspector:			Location(s): Sampling bottles had not arrived in the community by the date of the Inspection even though being shipped over a month earlier								
<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>The Inspector found that no work on the Solid Waste Management Area has been undertaken by the Licensee since the period of the last Inspection in 2011.</p> <p>Following the 2011 Inspection the Municipality committed to undertake a project to consolidate hazardous wastes including drums of waste oil, batteries, paint cans and other materials. This work has not been done. Fencing has not been installed at the Municipal Waste Management Area, Signs of open burning were present throughout the facility.</p>			
SECTION 2	<input checked="" type="checkbox"/> Comments (s.____)	<input type="checkbox"/> Non-Compliance with Act or Licence (s.____)	<input type="checkbox"/> Action Required (s.____)
<p>During the Inspection some signage was noted at the Raw and Water Intake location as well as at the Sewage Lagoon. Markers for sampling locations have not been installed as of July 7th 2014. It is unclear where the new signage ordered for the community is or when it will be installed.</p>			
SECTION 3	<input checked="" type="checkbox"/> Comments (s.____)	<input type="checkbox"/> Non-Compliance with Act or Licence, (s.____)	<input type="checkbox"/> Action Required (s.____)
<p>A review of sampling results submitted in the 2013 Annual report found the sampling program undertaken by the Hamlet to be incomplete. Sampling results submitted (samples collected) do not follow the conditions and terms outlined in the now expired Water License.</p> <p>Samples were not collected from the Solid Waste Disposal facilities last point of control at any point in 2013.</p> <p>Samples were collected from the Local sewage trucks but were not required.</p> <p>It is unclear what sampling program the municipality has been following.</p>			
SECTION 4	<input checked="" type="checkbox"/> Comments (s.____)	<input type="checkbox"/> Non-Compliance with Act or Licence, (s.____)	<input type="checkbox"/> Action Required (s.____)
<p>During the period of Inspection the Inspector noted a number of turned over drums in the solid waste management area. Additionally at the Fuel dispensary located adjacent to the tank farm a large spill that occurred in 2013 appears to have been cleaned up.</p> <p>It is not clear where the contaminated soils have been moved to at this point.</p> <p>The Municipality is asked to clarify that as soon as possible.</p>			
SECTION 5	<input checked="" type="checkbox"/> Comments (s.____)	<input type="checkbox"/> Non-Compliance with Act or Licence, (s.____)	<input checked="" type="checkbox"/> Action Required (s.____)
<p>A review of the Nunavut Water Board FTP site under the heading of Compliance finds a 2011 Plan for compliance submitted by the GN for this file. It is not possible to determine what items scheduled for completion in 2012 and 2013 have been undertaken.</p> <p>The Inspector did follow up with the licensee but no information was available for review at the time of the inspection. The</p>			

SECTION 6	<input type="checkbox"/> Comments (s. __)	<input checked="" type="checkbox"/> Non-Compliance with Act or Licence, (s. __)	<input type="checkbox"/> Action Required (s. __)
<p>Find enclosed a review of the issues of Non-compliance identified during the period of Inspection:</p> <p>Part B (2) Failure to comply with the Monitoring program Part B (4) Failure to install meters as required Part B (5) Failure to maintain the appropriate signage Part B (11- 13) Failure to maintain and report modifications or changes in proposed target dates to the submitted compliance plan as required. Part B (14) Failure to implement the Compliance Plan Part D (7) Failure to segregate hazardous wastes Part D (8) Failure to take measure to control wind-blown litter at the Solid Waste Disposal Facility Part E (1, 4, 5, and 6) Failure to notify the Board upon undertaking the enlargement of the water In-take ditch Part F (1) Failure to submit the O&M Manuals for all existing facilities as is required by the License Part F (3) Failure to submit Geotechnical Inspection Reports as required by the License Part G (1) Failure to submit as required the appropriate Abandonment and Restoration Plans Part H Failure to implement all of the requirements listed under the Monitoring Program Part H (6) Failure to development and submit a QA/QC Plan to the Nunavut Water Board</p> <p>It is clear that the Government of Nunavut on behalf of the Municipality has undertaken some work toward compliance with this License. Fencing was noted at the Raw Water Intake site. It has not yet been installed but was on site. Additionally, following the inspection the GN contacted the Inspector to state that signage had been installed in the community and that photos would be taken and shared prior to issuing the report. The inspector has held the report for 3 weeks since the inspection and nothing has been sent to the Inspector. If signage has been installed this will be noted in subsequent inspection reports.</p> <p>The topic of enlarging the Raw water in-take location was again brought up by the Hamlet foreman. This is to be brought to the board but has the support of the Inspector to address and prevent the uptake of silt and gravel being taken into the holding tanks in the community.</p> <p>Sampling continues to be an issue in the community. While some samples are being collected they appear to have nothing to do with the license and the submission of these results is both misleading and non-representative of the overall compliance goals set out within the license.</p> <p>In 2011 a recommendation to issue a Direction was made by the Inspector to address these deficiencies. At this juncture the Inspector recommends that the file precede the next step in the enforcement process.</p>			
SECTION 7	<input type="checkbox"/> Comments (s. __)	<input checked="" type="checkbox"/> Non-Compliance with Act or Licence, (s. __)	<input checked="" type="checkbox"/> Action Required (s. __)
<p>Government of Nunavut has 30 days following receipt of this report to update the Community Plan for compliance and file it as an addendum to the original Plan with the Board and the Inspector.</p> <p>Failure to do so will result in further enforcement actions as provided by the legislation.</p>			

Photo Log			
Date	Authorization	Camera	Inspector
July 7, 2014	3BM-GRI0911	Sony Cyber shot	A. Keim



Figure 1 Raw Water Intake Site. New fencing



Figure 2 Signage at Raw Water Intake



Figure 3 Raw water intake ditch



Figure 4 Raw Water Treatment System



Figure 5 Community Tank Farm Site of 2013 Spill



Figure 6 Fuel staining and hydrocarbon contaminated soils at site of spill



Figure 7 Site of Hydrocarbon spill in 2013



Figure 8 Barrels containing unknown substances at the Solid Waste Management Area (1)



Figure 9 Barrels containing unknown substances at the Solid Waste Management Area (2)



Figure 10 Barrels containing unknown substances at the Solid Waste Management Area (3)



Figure 11 Barrels containing unknown substances at the Solid Waste Management Area (4)



Figure 12 Solid Waste Management area remains unsorted / segregated



Figure 13Solid Waste Management area remains unsorted / segregated (2)



Figure 14 Solid Waste Management area remains unsorted / segregated (3)



Figure 15 Sewage Lagoon



Figure 16 Lagoon Signage



Figure 17 Sewage Lagoon (2)



Figure 18 Waste Metals (White metal) adjacent to Lagoon



Figure 19 Waste Metal Adjacent to Lagoon (2)



Licensee or Representative	Inspector's Name
David Watsko	A.Keim
Signature	Signature
	Sent by Email
Date	Date
	July 14, 2014

Office Use Only:	Follow-up report to be issued by Inspector	<input type="checkbox"/> Yes <input type="checkbox"/> No
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