



WATER LICENCE INSPECTION FORM

☒ Original

☐ Follow-Up Report

Licensee	Licensee Representative
Baffinland Iron Mines Ltd.	Connor Deveraux
Licence No. / Expiry	Representative's Title
2AM-MRY1325	General Supervisor Environment
Land / Other Authorizations	Land / Other Authorizations
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Date of Inspection	Inspector
October 14th, 2020	Omer Pasalic
Activities Inspected	
<input type="checkbox"/> Camp	<input type="checkbox"/> Drilling
<input checked="" type="checkbox"/> Roads/Hauling	<input checked="" type="checkbox"/> Mining
	<input type="checkbox"/> Construction
	<input type="checkbox"/> Other:
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Fuel Storage

SECTION 1	<input checked="" type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input type="checkbox"/> Action Required
<p>On Wednesday October 14th, 2020 between approximately 0700 hours and 1800 hours a water licence inspection was conducted at Mary River and Milne Inlet sites to ensure compliance with the terms and conditions of the Water License number 2AM-MRY1325 issued to Baffinland Iron Mines Corporation, by Crown Indigenous Relations and Northern Affairs Canada inspector Omer Pasalic .</p> <p>Inspection summary:</p> <p>I. Tote Road, Bridges and associated Water management structures:</p> <p>a) Water management structures throughout the tote road were snow covered making it difficult to identify any concerns.</p> <p>II. Ore Stockpile and associated water management structures:</p> <p>a) While at this area of inspection, the Inspector identified red dust covering immediate vicinity of the operations. This is due to the operational activities in and around the site.</p> <p>b) Inspector identified a few knocked down signs alongside the road. The damaged signs were brought to the attention of the Supervisor.</p> <p>c) The newly constructed pond on the Ore Stockpile Pad (Pond number 3) has been completed.</p> <p>III. Waste Rock Stockpile and associated Water Management structures:</p> <p>a) At the time of the inspection, the Waste Rock Stockpile Containment Pond was completed. No issues of concerns were noted at the time of the inspection.</p> <p>IV. Ore Crushing Pad and associated Water Management Structures.</p> <p>a) The licensee ensured that this area of the site is functioning properly with minimal or no concerns to the inspector at the time of the inspection. ( ore red dust present )</p> <p>V. Landfill:</p> <p>a) At the time of the inspection the new fence surrounding the landfill was completed.</p>			

The inspector noted that the landfill has been well maintained with no visible concerns such as food, cigarette butts, debris, hazardous material or any kind of other substances that would pose threat to the environment were detected.

The landfill itself did not store any unapproved material.

VI. Fuel tanks:

a) At the time of the inspection, the licensee ensured that the spill kits are readily available and are located within the site itself. The berms were well maintained around the storage facilities. No signs of any fuel spills were detected. No signs of water pooling were detected. No signs of debris were detected.

VII. Jetty:

a) Area of the jetty was inspected. No signs of any violations were noted. The area of the intake was cleared of any obstacles. No hazardous material present or stored in the immediate vicinity. Red dust was not present or observed in the area at the time of the inspection. The inspector had no concerns.

Previous inspection finding and follow-up:

106 KM earthworks and liner installation:

The construction of the Km 106 earthworks and liner installation was overseen by an engineer licensed in Nunavut. As per the water license the Construction Summary Report will be submitted within 90 days of project completion and will detail records.

Ore stockpile grading strategy:

See Attachment 1 in the letter sent to CIRNAC on May 15, 2020 detailing the ore stockpile grading strategy to assist in mitigating standing water by ensuring water is directed toward ponds and ditches. This memorandum outlines the grading work to be undertaken, and the frequency in which grading is to be performed to prevent the pooling of water on and around the Ore Stockpile Pad.

( Letter/Memorandum on file )

SECTION 2-	<input checked="" type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input type="checkbox"/> Action Required
Summary:			
Overall, at the time of the inspection the licensee has been compliant with the terms and conditions of the license. Apart from a few knocked down signs and the ore red dust covering the general area of the site, no issues of concerns were noted by this inspector.			
The inspection presented challenges due to the Covid-19 health restrictions. The inspection conducted was based on visual or contactless nature and not all of the license terms and conditions were verified for compliance, as some of the license requirements would involve on site inspection where close contact with other staff of the site would be a high			



probability.

CIRNAC will continue to work with the licensee to ensure that T/C of the license are met.

Once the health restrictions are no longer an obstacle, more in-depth inspections of the site will be conducted.

No concerns, except the snow covered red dust , were noted during this inspection.

Inspector’s Name	Representatives Name
Omer Pasalic	Connor Deveraux
Signature	
Sent Electronically	
Date	
June 9 <sup>th</sup> , 2021	

PHOTO LOG			
Date:	Authorization Number:	Camera/Model:	Inspector
October 14 <sup>th</sup> , 2020	2AM-MRY1325	HUAWEI P30 PRO	Pasalic
Photo No.			
Photo 1		Road connecting two sites.	





PHOTO LOG

Date:	Authorization Number:	Camera/Model:	Inspector
October 14 <sup>th</sup> , 2020	2AM-MRY1325	HUAWIE P30 PRO	Pasalic

Photo No.
Photo 2

Fuel cache stored on site.







PHOTO LOG

Date:	Authorization Number:	Camera/Model:	Inspector
October 14 <sup>th</sup> , 2020	2AM-MRY1325	HUAWEI P30 PRO	Pasalic

Photo No.
Photo 3
Jetty



PHOTO LOG





Date:	Authorization Number:	Camera/Model:	Inspector
October 14 <sup>th</sup> , 2020	2AM-MRY1325	HUAWEI P30 PRO	Pasalic
Photo No.			
Photo 4		Red dust covering the ground at Mary River site	







Date:	Authorization Number:	Camera/Model:	Inspector
October 14 <sup>th</sup> , 2020	2AM-MRY1325	HUAWEI P30 PRO	Pasalic
Photo No.			
Photo 5		Aerial photo of Mary River site	



PHOTO LOG			
Date:	Authorization Number:	Camera/Model:	Inspector
October 14 <sup>th</sup> , 2020	2AM-MRY1325	HUAWEI P30 PRO	Pasalic
Photo No.			
Photo 6		Aerial photo of Milne Inlet site	

