

WATER LICENCE INSPECTION FORM

☒ Original

☐ Follow-Up Report

Licensee	Licensee Representative
Agnico Eagle Mines Limited	Robin Allard
Licence No. / Expiry	Representative's Title
2AM-MEL1631/ March 31 st , 2031	General Supervisor Environment
Date of Inspection	Inspector
October 21 st , 2021	Atuat Shouldice
Activities Inspected	
<input checked="" type="checkbox"/> Camp	<input type="checkbox"/> Drilling
<input type="checkbox"/> Roads/Hauling	<input checked="" type="checkbox"/> Mining
	<input type="checkbox"/> Construction
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Fuel Storage
	<input type="checkbox"/> Other:

SECTION 1	<input checked="" type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input type="checkbox"/> Action Required
<p>On October 21st, an inspection of Agnico Eagle Mines Ltd.'s Meliadine Gold Project was completed by Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC)'s, Resource Management Officer, Atuat Shouldice (Inspector) and Manager, Field Operations, Justin Hack.</p> <p>The inspection was conducted to ensure compliance with applicable terms and conditions of water licence, no. 2AM-MEL1631.</p> <p>The following report was produced with the observations noted by the Inspector at the Meliadine Mine site (Mine site), Exploration camp and information provided by Agnico Eagle Gold Mine Ltd. (AEM), representatives: General Supervisor Environment, Robin Allard; Environmental Coordinator, Randy Schwandt; Compliance Coordinator, Sara Savoie; Hydrogeology Specialist, Kevin Smith; and Compliance Technician, Anne-Laurence Paquet. This report also includes information regarding the samples collected on October 5th at sampling station MEL-14.</p> <p>Compliance Sampling</p> <p>On October 5th, 2021 the Inspector attended the mine site to collect samples at the Effluent Water Treatment Plant at sampling station MEL-14. Mel-14 is a compliance point prior to discharge from CP1 to Meliadine Lake through the Outfall Diffuser. The Inspector collected the following parameters: pH, TDS, TSS, total ammonia, total phosphorous, total metals (including Al, As, Cu, Pb, Ni and Zn), total cyanide and TPH.</p> <p>Samples were collected in accordance with laboratory QA/QC methodology. The laboratory analysis report was received by the Inspector on October 20th, 2021. The sample results did not exceed the effluent quality limits found in PART F item 3.</p> <p>Observations</p> <ol style="list-style-type: none">The exploration laydown, located along the esker (approximately located at N63° 01' 35.7" W92° 10' 29.2") is being relocated to the drilling laydown area at the Mine site.Signage is posted at the Freshwater Intake in accordance with PART B item 17 of the license.A warning sign is available at the Sodium Cyanide storage area but the sign needs to be re-posted (photo 3).Contact water is currently being pumped from Contact Pond 3 (CP3) to Contact Pond 1 (CP1). CP3 captures run off from the dry stacked tailings area.Tailings are transported from the location referred to as 'The Church' (location where tailings are extruded from mill in a paste) to the dry stacked storage facility. The tailings are then placed and compacted immediately. This is to reduce the material from becoming windblown. The tailings are then capped with waste rock.Spill equipment is found around all fuel transfer stations (photo 1).The first week of October 2021, discharge from CP1 to Meliadine Lake stopped for the season (photo 4). No concerns noted with the facility, DCP1 or the water level (photo 4).			

SECTION 2-	<input checked="" type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input type="checkbox"/> Action Required
<p>No instances of non-compliance were noted during the inspection. The Licensee will ensure that key infrastructure e.g.: contact water collection systems, waste storage facilities and water retention structures are completed in accordance with PART B item 10 of the license.</p> <p>All plans submitted under this licence form part of this licence and can not be undertaken without Nunavut Water Board approval. Any changes to these plans, such as timetables for implementation, must be approved by the Board.</p>			
Inspector's Name	Representatives Name		
Atuat Shouldice	Robin Allard		
Signature	Signature		
Sent Electronically			
Date	Date		
November 26 th , 2021			

Resource Management Officer, Field Operations, Kivalliq Regional Office
Crown Indigenous Relations and Northern Affairs Canada – CIRNAC
Atuat.Shouldice@rcaanc-cirnac.gc.ca

Office: (867) 645-2840

PHOTO LOG			
Date:	Authorization Number:	Camera/Model:	Inspector
October 21 st , 2021	2AM-MEL1631	Samsung 9s	RMO Shouldice
Photo No.	Lat/Long (DD.MM.SS.SS, NAD83)		
Photo 1	Emulsion		
			
Description:			
Emulsion Laydown fuel storage tank and spill response equipment.			

Photo No.	Lat/Long (DD.MM.SS.SS, NAD83)
Photo 2	Water intake
	
Description:	
Signage at water intake.	

Photo No.	Lat/Long (DD.MM.SS.SS, NAD83)
Photo 3	Sodium Cyanide Storage Area
	
Description: Warning sign on the ground at the entrance of the storage area.	

Photo No.	Lat/Long (DD.MM.SS.SS, NAD83)
Photo 4	CP1
	
Description: Looking East, CP1 and Effluent Water Treatment Plant	



Photo No.	Lat/Long (DD.MM.SS.SS, NAD83)
Photo 5	Waste Rock Storage Facility
	
Description: Looking South, dry stack tailings.	