



WATER LICENCE INSPECTION FORM

☒ Original
☐ Follow-Up Report

Licensee	Licensee Representative
Agnico Eagle Mines Limited	Robin Allard
Licence No. / Expiry	Representative's Title
2AM-MEA1525 July 22nd, 2025	Senior Environmental Coordinator
Land Authorization No. / Purpose / Expiry	Land Authorization Expiry
66A/8-71-2, AWPAR Lease	66A/8-72-2 Quarrying Lease
Date of Inspection	Inspector
May 9-10 th , 2017	WRO Wilson
Activities Inspected	
<input type="checkbox"/> Camp <input type="checkbox"/> Drilling <input checked="" type="checkbox"/> Mining <input checked="" type="checkbox"/> Construction <input type="checkbox"/> Reclamation <input type="checkbox"/> Fuel Storage	
<input type="checkbox"/> Roads/Hauling <input type="checkbox"/> Other: <input type="checkbox"/> Other:	

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 May 10 th , 2017 Indigenous and Northern Affairs Canada's, Water Resource Officer (WRO), Christine Wilson conducted a regularly scheduled compliance inspection of Agnico Eagle Mines Limited, Meadowbank Gold Mine, water licence no. 2AM-MEA1525. The following report was prepared using the information noted during that inspection.			
Observations			
<div>1. An access road is being constructed into Phaser Lake to start pit development.</div> <div>2. Phaser Lake - mostly dewatered in 2016- now forms part of the contact water collection system in the vault area. All water from Phaser is sent to the vault attenuation pond via conveyance lines.</div> <div>3. The inspector requests clarity on whether Phaser's diversion ditch will be constructed or if the plans have been altered.</div> <div>4. Vault pit sump (ST-23) is pumped all winter into vault attenuation pond (photo 2).</div> <div>5. The culvert crossing at NP1-NP2 has a lot of sediment in the snow from road dust (photo 3) and snow moving. Piles of snow with road materials were observed along the water crossing (photo 4 and photo 5). Sediment mitigation measures continue to be taken in the form of curtains and freshet inspections.</div> <div>6. There was no observable flow at the time of inspection at NP1-NP2.</div> <div>7. The snow has been removed from the non-contact water diversions ditches surrounds the tailings facility (photo 6).</div> <div>8. Water from the Eastern diversion ditch sump and ST-16 will be directed to the North cell of the tailings facility. This practice is done as a precautionary measure.</div> <div>9. A new landfarm facility has been constructed at N65° 04' 21.1", W96° 00' 29.6" (photo 7).</div> <div>10. The old landfarm was located in the North West corner of the South cell Tailings Facility ("STSF"). AEM anticipated the elevation of the STSF would be nearing the landfarm by 2017. The new landfarm was constructed in the fall of 2016. Further improvements need to be made before the term of the next inspection specifically regarding gradient and containment.</div> <div>11. The central dyke seepage continues; it is estimated at approximately 1000m³ per day (photo 8).</div> <div>12. The water found in the central dyke sump is light grey and turbid. AEM confirms the quality the same as the STSF. The sump remains open year around.</div> <div>13. AEM is utilizing four deposition points in the south cell with specific concentration on the north end of the central dyke's upstream length. The northern section of the dyke is believed to be the greatest contributor of the seepage.</div> <div>14. Sediment was observed at the end of the run way. The inspector was concerned with the closeness of the runway to the lake that there may be impacts (photo 9).</div>			
SECTION 2	<input type="checkbox"/> Comments (s. __)	<input checked="" type="checkbox"/> Non-Compliance with Act or Licence (s.2)	<input type="checkbox"/> Action Required (s. __)
No concerns with compliance noted.			
SECTION 3	<input type="checkbox"/> Comments (s. __)	<input type="checkbox"/> Non-Compliance with Act or Licence, (s. __)	<input checked="" type="checkbox"/> Action Required (s.3)
<div>-The proponent will provide the inspector with clarity regarding the plans for Phaser Lake diversion ditch.</div> <div>-The proponent will provide the inspection with a copy of the freshet inspection on May 8th of NP1-NP2 culverts crossing.</div> <div>-The proponent will provide current information to the NWB regarding changes to the new, and reclamation of the old landfarm before the term of the next inspection.</div> <div>-The proponent will provide the inspector with the summary of actions to be taken to address the central dyke seepage issue for 2017.</div> <div>-The proponent will provide the inspector with the results of an environmental inspection of the northwest end of the airstrip before June 15th, 2017.</div> <div>A follow inspection will be conducted in consultation with AEM's Environment Department.</div>			

Licensee or Representative	Inspector's Name
	C. Wilson
Signature	Signature
	Sent by e-mail
Date	Date
	June 7 th , 2017

Office Use Only:	Follow-up report to be issued by Inspector	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Attached: Photo Log 2AM-MEA1525, - May 10th, 2017

cc. Erik Allain, Manager Field Operations, INAC
Erika Voyer, Environment General Super. Nunavut, AEM
Manager of Licensing, NWB



PHOTO LOG

Date:	Authorization Number:	Camera/Model:	Inspector
May 9-10 th , 2017	2AM-MEA1525	Sony DSC-HX50V Cyber shot	WRO Wilson
Photo No.		Lat/Long (DD.MM.SS.SS, NAD83)	
Photo 1		N63° 1' 23.00", W 92° 11' 7.5"	



Description:
Looking East: Vault area



Locations name:

Lat/Long (DD.MM.SS.SS, NAD83)

Photo 2

65° 4' 20.94', W96° 0' 30.35"



Description

Vault pit sump



Locations name:		Lat/Long (DD.MM.SS.SS, NAD83)
Photo 3		N65° 4' 21.173",W 96° 0' 30.293"
		
Description		
Vault haul road		



Locations name:

Lat/Long (DD.MM.SS.SS, NAD83)

Photo 4

N65° 2' 26.42", W 96° 2' 24.78"



Description

Vault haul Road, Sediment in snow



Locations name:		Lat/Long (DD.MM.SS.SS, NAD83)
Photo 5		N/A
		
Description		
Vault Haul Road, Sediment on snow		



Locations name:

Lat/Long (DD.MM.SS.SS, NAD83)

Photo 6

N/A



Description

Tailing facility non-contact water diversion ditch



Locations name:		Lat/Long (DD.MM.SS.SS, NAD83)
Photo 7		NA
<div><div>New Landfarm</div><div>Central Dyke</div><div>N</div><div>05 10 2017</div></div>		
Description		
Landfarm		



Locations name:

Lat/Long (DD.MM.SS.SS, NAD83)

Photo 8

N65° 4' 21.173",W 96° 0' 30.293"



Description

Central Dyke



Locations name:	Lat/Long (DD.MM.SS.SS, NAD83)
Photo 9	N/A



Description
Sediment on North west extension of runway.