



WATER LICENCE INSPECTION FORM

☒ Original
☐ Follow-Up Report

Licensee	Licensee Representative
2BB-MEL1424	David Frenette
Licence No. / Expiry	Representative's Title
July 21st, 2024	Environment Division
Land / Other Authorizations	Land / Other Authorizations
IOL	--
Date of Inspection	Inspector
May 10 th 2018	WRO C. Wilson
Activities Inspected	
☐ Camp	☒ Drilling
☒ Roads/Hauling	☐ Mining
	☐ Construction
	☒ Reclamation
	☐ Fuel Storage
	☐ Other: Water Supply
	☐ Other:

SECTION 1	☒ Comments (s.1)	☐ Non-Compliance with Act or Licence (s.__)	☐ Action Required (s.__)
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On May 10th, 2018 an inspection was conducted of Agnico Eagle Mines’ (‘AEM’), spring drilling campaign, authorized under water licence no. 2BB-MEL1424. The inspection was completed by Indigenous and Northern Affairs Canada’s Water Resource Officer, Christine Wilson and Atuat Shouldice.

This report was produced with the information provided by AEM Exploration Division’s Environmental Coordinator, David Frenette and the findings collected during the inspection.

Observations

- The 2017 annual report has been submitted to the Nunavut Water Board, as required by PART B item 6.
- At the time of the inspection the drills were not in operation due limited snow cover. AEM utilizes overland drill rigs during the winter/spring programs, which pursuant to the Kivalliq Inuit Association (‘KIA’) land authorization, requires a layer of snow to protect the tundra from rutting.
- A total of seven drill sites were inspected; the names and location listed as follows.

Hole No.	Measured X	Measured Y
M18-2448	534807.50	6988238.40
M18-2447	535231.00	6987855.20
M18-2446	533420.5	6990286.4
M18-2445	533013.2	6991234.4
M18-2444	532453.4	6990774,4
M18-2443	532435.0	6990712.8
M18-2440	535232.6	6987873.6

- The water usage logs were received by the inspector. Drilling activity appears to utilize Meliadine Lake as the water supply in accordance with PART C item 1.
- At drill site M18-2445 cutting were observed on the surface of the ice, as well as in the ice itself, failing to comply with PART F item 2.
- In many location the trails, used for the overland transfer of the drills, the ground was bare though no rutting was observed which would be in compliance with PART E item 20.
- At M18-2448, an AEM employee was reclaiming the drill site by cutting the collar off at ground level. Though this method does not comply with PART I item 10 “(...) removal of any drill casing materials”, it does comply with the KIA land authorization. The inspector had no concerns, but would continue to encourage AEM to remove drill casing material whenever possible.
- The inspector noted small amounts of garbage (e.g.: wire, hoses and spill pads) at every drill site which fails to comply with PART I Item 10.

SECTION 2	☐ Comments (s.__)	☒ Non-Compliance with Act or Licence (s.2)	☐ Action Required (s.__)
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Non-compliance related to water licence no. 2BB-MEL1424;

- PART I item 10, failure to restore drill site to natural condition.
- PART F item 1, failure to dispose drill waste thirty one (31) meters from the ordinary high water mark.

Non-compliance related to the *Nunavut Waters and Nunavut Surface Rights Tribunal Act S.C 2002, c. 10* ;

- Section 90(1), failure to comply with the terms of water licence no. 2BB-MEL1424.

SECTION 3	☐ Comments (s.__)	☐ Non-Compliance with Act or Licence, (s.__)	☒ Action Required (s.3)
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Actions Required

- AEM’s Environment Department will revisit the drill sites prior to summer to recover garbage as required by PART I item 10.
- AEM will provide a copy of the water sample laboratory analysis report taken at M18-2445 to the inspector before May 31st, 2018.

Closing Remarks

- This was the first inspection INAC has conducted by snowmobile in the future we would like to have AEM Environment Department accompany us so that we may discuss any issues during the inspection.



Licensee or Representative	Inspector's Name
	WRO C Wilson
Signature	Signature
	Original signed on file
Date	Date
	May 10 th , 2018

Office Use Only:	Follow-up report to be issued by Inspector	☐ Yes ☒ No
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cc. Erik Allain, Director, Lands Administration, INAC
Manager, Licensing, Nunavut Water Board
David Frenette, Environmental Coordinator, AEM
Mario Bolduc, Project Geologist, AEM

Attached: Photo Log, May 10th, 2010



PHOTO LOG

Date:	Authorization Number:	Camera/Model:	Inspector
May 10th, 2018	2BB-MEL1424	Sony DSC-HX50V Cyber shot	WRO Wilson
Photo No.		Lat/Long (DD.MM.SS.SS, NAD83)	
Photo 1		N63° 00' 59.4", W92° 18' 06.4"	



Description:
Garbage on lake

Locations name:	Lat/Long (DD.MM.SS.SS, NAD83)
Photo 2	N63° 00' 59.4", W92° 18' 06.4"



Description
Water supply hose frozen into the ice. A rope has been tied to in so that it can be removed in the summer.



Locations name:		Lat/Long (DD.MM.SS.SS, NAD83)
Photo 3		N 63° 1' 3.27", W 92° 18' 9.57"
		
Description Water supply hose frozen in the ice, see comments above on photo 2.		

Locations name:		Lat/Long (DD.MM.SS.SS, NAD83)
Photo 4		N/A
		
Description Wire collected along the overland haul trail		



Locations name:

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

Photo 5

N63° 1' 8.61", W 92° 18' 14.42"



Description

Garbage on overland haul route.

Locations name:

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

Photo 6

N63° 1' 8.41", W 92° 18' 15.29"



Description

Garbage on overland haul route.



Locations name:		Lat/Long (DD.MM.SS.SS, NAD83)
Photo 7		N63° 1' 19.27", W 92° 18' 44.08"
		
Description		
M18-2448 Drill casing. Employee onsite cutting the casing off at ground level. A common practice when the casing is stuck in the over burden.		

Locations name:		Lat/Long (DD.MM.SS.SS, NAD83)
Photo 8		N63° 1' 23.44", W 92° 11' 8.85"
		
Description		
Land based drill cuttings, drill site no. M18-2446.		



Locations name:

Photo 9

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

N63° 2' 26.18", W 92° 20' 21.72"



Description

Tracked Equipment operating on bare ground.

Locations name:

Photo 10

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

N63° 2' 56.95", W 92° 20' 49.82"



Description

Cuttings on the ice surface, Drill site M18-2445