



WATER LICENCE INSPECTION FORM

☒ Original
☐ Follow-Up Report

Licensee	Licensee Representative
Agnico Eagle Mines Limited	David Frenette
Licence No. / Expiry	Representative's Title
2BB-MEA1318/ March 6 th , 2018	Environmental Coordinator
Land Authorization No. / Purpose / Expiry	Land Authorization Expiry
N2013F0030/ Winter trail	April 15 th , 2019
Date of Inspection	Inspector
July 12th, 2017	WRO Wilson
Activities Inspected	
☒ Camp	☐ Drilling
☐ Roads/Hauling	☐ Mining
☒ Other: Water Discharge	☒ Construction
	☐ Reclamation
	☒ Fuel Storage
	☐ Other:

SECTION 1	☒ Comments (s. __)	☐ Non-Compliance with Act or Licence (s. __)	☐ Action Required (s. __)
On July 12th, 2017, a regularly scheduled compliance inspection was conducted of Agnico Eagle Mines Ltd.'s Amaruq Project (photo 1) with the assistances of Agnico Eagle Mines Ltd. (AEM) Environmental Coordinator, David Frenette. The following report was produced with the observations noted during that inspection. <i>Pre inspection meeting notes</i> -Current population of the camp is 107. -Six drills in total are in operation; this includes the drill on the barge. -There is at least one environmental staff onsite at all times. -Material is being brought from Esker #7 to the camp to improve the durable ground in camp. <i>Observations</i> - The reclamation of spill no. 15-329 is still ongoing (photo 2). The environment division collected samples of the spill excavation to confirm the location had been cleaned. The inspector noted an area close to the south end of jet A1 tank no. 9 which had a strong smell of fuel. - Contaminated soil is being stored in a temporary lined structure to avoid further contamination to the environment. AEM has extended the temporary structure a number of times to make additional room as spills occur. - Two spills have been inspected, spill no. 2017-171 a sewage spill from the Amaruq camp's sewage treatment system referred to as the 'Bionest', and spill no. 2017-180 a diesel spill at the Meadowbank exploration laydown located on the Meadowbank mine road. Both spill will be remain open and require a follow up inspection. - The culvert installation, which was constructed September 2015, at culvert crossing 181 between Amaruq Exploration Camp and the fuel farm, showed no sedimentation or erosion which is in compliance with PART C item 8. - The lay down pad for the fuel farm and seacan storage area is fully constructed and located on durable ground in compliance with PART E item 2. - Esker #7 respects the 31 meter limit from Whale Tail Lake on the West side of its boundaries, in compliance with PART E item 9. AEM observed some run off from the borrow and installed the appropriate erosion mitigation measures as per PART E item 10. - A drill is in operation on the barge in Whale Tail Lake at location N65° 24' 4.93", W96° 41' 55.0", which is approved in PART F item 4 (photo 4). - The barge is operated closer to shore to allow for the appropriate disposal of cuttings of 31m from the high water mark, in compliance with PART F item 1. - The barge operates with a turbidity curtain and a floating berm as a mitigative measure against a release of contaminates into Whale Tail Lake (photo 5). - A sheen is noted on the water inside and outside of the floating berm (photo 6). The inspector was concerned that the drilling equipment, greasy rags and barge deck was not clean of hydrocarbon after the recent spill, allowing transfer of contaminates to the water. The drill operators immediately address the inspector concerns by deploying absorbent matting and committed to addressing the concern moving forward (photo 7). - A gravel dissipation channel was constructed at the bionest outfall. The channel appears to be providing good guarding against erosion (photo 3).			
SECTION 2	☐ Comments (s. __)	☒ Non-Compliance with Act or Licence (s.2)	☐ Action Required (s. __)
No concerns at this time.			
SECTION 3	☐ Comments (s. __)	☐ Non-Compliance with Act or Licence, (s. __)	☒ Action Required (s.3)
- AEM will provide a date of completion for the removal of the contaminated soil being stored temporarily at the Amaruq exploration camp, to the inspector before August 25th, 2017. - AEM will provide more information to the inspection regarding the corrective measures taken to address the hydrocarbon transfer from the barge to Whale Tail Lake in the annual report.			

Licensee or Representative	Inspector's Name
	C. Wilson
Signature	Signature
	Sent by e-mail
Date	Date
	July 12 th , 2017



Office Use Only:	Follow-up report to be issued by Inspector	☐ Yes	☒ No
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Attached: Photo Log 2BB-MEA1318, - July 12th, 2017

cc. Erik Allain, Manager Field Operations, INAC
David Frenette, Environmental Coordinator, AEM
Manager, Licensing, Nunavut Water Board



PHOTO LOG

Date:	Authorization Number:	Camera/Model:	Inspector
July 12 2017	2BB-MEA1318	Sony DSC-HX50V Cyber shot	WRO Wilson
Photo No.	Lat/Long (DD.MM.SS.SS, NAD83)		
Photo 1	N65° 24' 2.34", W 96° 40' 50.69"		



Description:

Facing West- Amaruq Camp, tank farm/laydown

Photo No.	Lat/Long (DD.MM.SS.SS, NAD83)
Photo 2	N65° 23' 55.073" W 96° 40' 14.86"



Description:

Spill 15-329



Photo No.
Photo 3

Lat/Long (DD.MM.SS.SS, NAD83)
N65° 24' 11.06", W 96° 41' 4.81"



Description:
Rock dissipation channel, bionest outfall

Photo No.
Photo 4

Lat/Long (DD.MM.SS.SS, NAD83)
N65° 24' 8.06", W 96° 42' 1.33"



Description:
Barge on Whale Tail Lake



Photo No.

Photo 5

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

N65° 24' 8.06", W 96° 42' 1.33"



Description:

Floating berm and absorbent boom around barge. Visible sheen inside and outside of booms.



Photo No.
Photo 6

Lat/Long (DD.MM.SS.SS, NAD83)
N65° 24' 8.06", W 96° 42' 1.33"



Description:
Sheen in water around barge

Photo No.
Photo 7

Lat/Long (DD.MM.SS.SS, NAD83)
N65° 24' 8.06", W 96° 42' 1.33"



Description:
Turbidity curtain and absorbent booms around barge. Spill kits available for use.