

NWB Annual Report

Year being reported: 2015

License No: 2BE-MEA1318

Issued Date: March 7, 2013

Expiry Date: March 6, 2018

Project Name:

Amaruq, Meadowbank exploration projects

Licensee:

Agnico Eagle Mines Ltd

Mailing Address:

C.P. 87  
765 chemin de la Mine Goldex  
Val-d'Or, Quebec  
J9P 4N9

Name of Company filing Annual Report (if different from Name of Licensee please clarify relationship between the two entities, if applicable):

General Background Information on the Project (\*optional):

Licence Requirements: the licensee must provide the following information in accordance with

Part B

Item 2

A summary report of water use and waste disposal activities, including, but not limited to: methods of obtaining water; sewage and greywater management; drill waste management; solid and hazardous waste management.

Water Source(s):	Whale lake and local lakes	
Water Quantity:		Quantity Allowable Domestic (cu.m)
		Actual Quantity Used Domestic (cu.m)
		Quantity Allowable Drilling (cu.m)
		Total Quantity Used Drilling (cu.m)
	109135	Quantity allowable total (cu.m)
	34537.7	Total Quantity Used (cu.m)

Waste Management and/or Disposal

☒ Solid Waste Disposal

☒ Sewage

☒ Drill Waste

☒ Greywater

☒ Hazardous

☐ Other:

Additional Details:

Solid Waste:  
All solid wastes were sorted at work sites and regularly transported to the Amaruq camp site for proper disposal. Domestic waste from the camp was incinerated to avoid attracting wildlife. Metal was segregated in container for recycling. Wood without preservatives was incinerated. Plastic and construction waste was segregated in containers for disposal in the Meadowbank landfill.

Sewage:  
Toilet waste was treated by the Waste Water Treatment Plant “Kodiak Bionest” and effluent released into the environment.

Greywater:  
At the Amaruq camp, the grey water coming from the kitchen and the showers was treated by the Waste Water Treatment Plant “Kodiak Bionest”.

Drill Waste:  
Cuttings: The drill cuttings were disposed of near the drill, in natural topographic depressions located at least 31 meters away from any water body, where there was no risk of runoff.

Hazardous:

*Hazardous wastes such as used oil, glycol, scrapped fuel, gasoline, batteries were securely packaged. They will be transported to the Meadowbank mine during the winter and ultimately to the boat during the summer. These materials will be transported to a southern facility for disposal respecting regulations.*

**A list of unauthorized discharges and a summary of follow-up actions taken.**

Spill No.: 2015-157 (as reported to the Spill Hot-line)

Date of Spill: April 19th, 2015

Date of Notification to an Inspector: April 19th, 2015

Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)

A 150 litre Diesel spill occured on the Amaruq winter road. Cleaning of the spill started immediately with an intervention team and spill kits. An excavator was transported to the site to finalize the decontamination and contaminated ice and snow brought to the Meadowbank mine for treatment. Monitoring of the lake was conducted, no residual impacts were noted.

Spill No.: (as reported to the Spill Hot-line)

Date of Spill: August 6th, 2015

Date of Notification to an Inspector: August 6th, 2015

Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)

A 1500 litre Diesel spill occurred at the Amaruq camp site on August 6th, 2015. The spill was stopped, contained and cleaning was started. Before the winter period AEM removed the contaminated soil and stored it temporarily in a berm and installed tarps to avoid contamination of contact water.

**Revisions to the Spill Contingency Plan**

Other: (see additional details)

Additional Details:

An updated version is attached to the annual report, as requested by the Board.

**Revisions to the Abandonment and Restoration Plan**

Other: (see additional details)

Additional Details:

An updated version is attached to the annual report, as requested by the Board.

**Progressive Reclamation Work Undertaken**

Additional Details (i.e., work completed and future works proposed)

The drilling casings are removed at the end of the drilling or cut off at ground level if cannot be removed. The casing, in some cases, could be left on a drilling site when the plan is to continue drilling in the existing casing. In such cases, the casing’s coordinates are entered in a data base. A final inspection, by a technician, is done when the drilling is completed, to ensure that no remaining waste or materials are present on the site.

**Results of the Monitoring Program including:**

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where sources of water are utilized;

Details attached

Additional Details:

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where wastes associated with the licence are deposited;

Details attached

Additional Details:

Results of any additional sampling and/or analysis that was requested by an Inspector

Additional sampling requested by an Inspector or the Board (See below)

Additional Details: (date of request, analysis of results, data attached, etc)

Inspector requested additionnal monitoring that will be taken next freshet at water crossing located south of the Amaruq camp.

Any other details on water use or waste disposal requested by the Board by November 1 of the year being reported.

No additional sampling requested by an Inspector or the Board

Additional Details: (Attached or provided below)

Any responses or follow-up actions on inspection/compliance reports

Inspection and Compliance Report received by the Licensee (Date):

Additional Details: (Dates of Report, Follow-up by the Licensee)

Inspections were conducted by AANDC on July 22nd, 2015 and October 29th, 2015

Any additional comments or information for the Board to consider

Within the water licence amendment #3, the Board requests AEM to submit with the 2015 annual report:  
  
-The Quarry Management Plan;  
-An updated Waste Management Plan that included the Waste Management plan addendum that has been developed for the drilling on barge;  
-An updated Spill Contingency Plan that included specifics for dealing with a spill in open water (related to drilling on barge);  
-An updated reclamation cost estimate.  
  
These documents and the WWTP Management Plan are submitted with this annual report.

Date Submitted:

March 22, 2016

Submitted/Prepared by:

David Frenette

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