

Appendix 8

Meadowbank KVCA06Q11 2022 Work Plan



AGNICO EAGLE

MEADOWBANK GOLD PROJECT

2022 Work Plan

QUARRY PERMIT KVCA06Q11

Agnico Eagle Mines Limited

December 2021

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SECTION 1 • INTRODUCTION

Agnico Eagle Mines Limited – Meadowbank Complex (Agnico Eagle) began the operation phase of the project in February 2010, and thus, is entering its twelfth year of operations. The Meadowbank property is located on Inuit Owned Land approximately 70 km north of the hamlet of Baker Lake.

The AWAR extends from the Hamlet of Baker Lake to the Meadowbank Mine site, a distance of approximately 110 kilometers. Baseline environmental and geotechnical analysis of the proposed route was conducted prior to the submission of the Final Environmental Impact Statement. The right of way for the road was selected to minimize possible effects on the environment. The AWAR was completed in March 2008 and was constructed above grade, using quarried material from non-acid generating country rock, with a minimum number of bridge crossings.

The AWAR is used to provide a year-round access and transportation route from Baker Lake to the site for supplies (dry goods, fuel, etc.) required until the end of production and reclamation.

The 2022 Work Plan covers the proposed activities for the KVCA06Q11 – AWAR Quarry 3, 4, 5, 20, 21 and 22 of the Meadowbank Project. See Figure 1 below for general location.

FIGURE 1 - General location of the Meadowbank Gold Project



SECTION 2 • PERMITTING SUMMARY

The Meadowbank All-Weather Access Road (AWAR) is located under both Inuit Owned Land (IOL) administered by the Kivalliq Inuit Association (KivIA) and Crown Land administered by Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC).

Agnico Eagle has received required permits and approvals from the Nunavut Planning Commission (NPC), Nunavut Impact Review Board (NIRB), Nunavut Water Board (NWB), KivIA, Fisheries and Oceans Canada (DFO), CIRNAC, and the Government of Nunavut (GN) to proceed with Meadowbank Project construction and operation. Permits and approvals received are summarized in Table 1.

Table 1: Permits and approvals received

Licence Number	Issued By	Details	Work authorized	Status
66A/8-71-2	CIRNAC	Land Use Lease	Road on Crown Land	Active
66A/8-72-6	CIRNAC	Quarry Permit	Quarry on Crown Land	Active
NU-03-0190	DFO	HADD Authorization	Road construction	Active
IIBA	KivIA	Inuit Impact Benefit Agreement	Inuit Impact Benefit Agreement	Active
KVRW06F04	KivIA	Right of Way Lease	Road on IOL	Active
KVPL08D280	KivIA	Production Lease	Activities performed around mine site	Active
Mine Water Compensation Agreement	KivIA	Meadowbank Site Water Compensation Agreement	Water usage	Active
Road Water Compensation Agreement	KIA	AWAR Water Compensation Agreement	Water usage	Active
KVCA06Q11	KIA	Quarry Permit (3-4-5-20-21-22)	Quarry on IOL	Active
Project Certificate 004	NIRB	Meadowbank Project Certificate	Meadowbank Site and AWAR Construction and Operation	Active
2AM-MEA1530	NWB	Water License	Meadowbank Site and Haul Road Construction and Operation	Active

SECTION 3 • 2022 PLANNED CONSTRUCTION ACTIVITIES

In 2022, Agnico Eagle is not planning on extracting material from Quarries 3, 4, 5, 20, 21 or 22.

Should planning change, Agnico Eagle will ensure that the material to be removed stay within the allowable volume prescribed in the authorized permit and will pay the associated material removal fees.

In general, if material is extracted from quarries 3, 4, 5, 20, 21, or 22 along the AWAR in 2022, it may be used for the following activities:

- Construction of various infrastructure pads at the Meadowbank site and/or AWAR;
- General road maintenance and haulage roads at the Meadowbank site.

SECTION 4 • 2022 PLANNED ENVIRONMENTAL MONITORING

The studies discussed below may be impacted by restrictions related to COVID 19 and therefore may require adjustment throughout 2022.

4.1 WILDLIFE MONITORING

All wildlife monitoring is conducted in accordance to the Terrestrial Ecosystem Management Plan (TEMP) and discussions with the Terrestrial Advisory Group (TAG).

4.1.1 Wildlife Management in Quarry Pit

The Nunavut Wildlife Act and Regulations will apply as raptors nesting close or in the quarry may be disturbed, or raptors may nest in the quarries upon the completion of their use. The Agnico Eagle Environmental Department will complete inspections in quarry pit on a weekly basis to make sure there is no raptor nest during operation and before any work is conducted. If a nest is discovered, all work will be suspended.

If Agnico Eagle suspect or confirm that a den is present within the active footprint and vicinity of Project facilities, a den management plan will be prepared and applied.

Land animals may also be disturbed by the quarrying activities. Blasting will require the use of explosives. The activities will have to comply with the Explosive Use Act and Regulations, and the Mine Health and Safety Act and Regulations. No blast will be held if there is any wildlife near the area to be blasted.

4.1.2 Caribou Satellite-Collaring Program

Agnico Eagle is assisting the GN in a Caribou satellite-collaring program within the Meadowbank Regional Study Area (RSA). Information on the status and location of various herds that use the RSA at different times of the year is an important component of on-going monitoring and management efforts at the mine site and along the Haul Road. These collaring data will be used to assist Agnico Eagle in anticipating large herds passing near the AWAR and contribute to appropriate management decisions.

4.1.3 Checklist Surveys and Wildlife Logs

Noteworthy wildlife sightings are recorded in and on-site wildlife log. These data will be tabulated at the end of each year and included in the Annual Report. Meadowbank employees are also encouraged to record wildlife sightings on a daily basis. A monthly wildlife report is sent to the GN-DOE and KivIA.

4.2 WATER QUALITY MONITORING

4.2.1 Water Quality and Flow Monitoring

An undisturbed buffer of at least 31 m between borrow pits and water bodies will be preserved, and best management practices will prevent direct drainage. However, any significant seeps originating from the borrow pits that are likely to reach receiving waters will be sampled and analyzed in accordance with the Water Quality and Flow Monitoring Plan. Any problematic water will be directed away from water bodies, or held if possible. If necessary, silt curtains will be used to control suspended sediments in water seeping from the borrow pits.

4.3 MITIGATION MEASURES

Best management practices will employ the following general mitigation measures for the quarry:

- Minimize the surface area of quarry;
- Locate quarry in well drained areas;
- Where possible, maintain the floor of the quarry slightly above the elevation of the surrounding area to promote natural drainage patterns, to avoid creating ponds, and to prevent permafrost degradation in the quarry;
- Prevent erosion and sedimentation through appropriate control measures such as silt fences;
- Carry out ARD/ML testing and water quality monitoring in support of mitigation measures;
- Protect archeological resources and mitigate as deemed appropriate by GN Culture and Heritage department;
- If deemed necessary, maintain air quality through dust control/suppression;
- Use progressive reclamation in closing parts of the quarry that are no longer needed.

Where mitigation measures are not proving effective, adaptive management will be employed to address shortcomings.

4.4 ARCHEOLOGY

Agnico Eagle has carried out an archaeological assessment of the area and no concerns were raised.

It is Agnico Eagle's intent to avoid archaeological resources in constructing the infrastructures wherever possible; this is the preferred mitigation measure. The goal is to protect archaeological sites. However, if any identified site cannot realistically be avoided, Agnico Eagle will apply for a permit from the Department of Culture and Heritage to mitigate the site(s). If any potential archaeological site is identified during the operation, work will stop, a professional archaeologist will be consulted, and the GN, Department of Culture and Heritage will be informed of the discovery

**SECTION 5 • APPLICATION OF INUIT IMPACT AND BENEFIT
AGREEMENT**

When carrying out the activities described in this Workplan, Agnico Eagle will comply with the relevant terms and conditions of Impact and Benefit Agreement, between Agnico Eagle and the Kivalliq Inuit Association

SECTION 6 • RECLAMATION PLAN

Agnico Eagle will comply with the approved Meadowbank Interim Closure and Reclamation Plan.