

MEADOWBANK Exploration camp

Closure and Reclamation Plan

Prepared by:

Agnico-Eagle Mines Limited, Exploration Division

December 2012

Closure and reclamation plan December 2012

Revised by: David Frenette Environment and Health & Safety Coordinator

Document revision

| Version | Date (YMD) | Section | Page | Revision | | | |
|---------|------------------|---------|------|----------------------------|--|--|--|
| | December 2012 | | | Complete document revision | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Approved by:

Stephane Robert Manager Regulatory Affairs Nunavut December 6, 2012

Table of content

| 1. | Introduction | . 4 |
|----|--|-----|
| 2. | Demobilization at the end of activities | . 4 |
| | 2.1. Fuel Removal | . 4 |
| | 2.2. Fuel Storage Tank Removal | . 4 |
| | 2.3. Fuel Drum Removal | . 5 |
| | 2.4. Drill Equipment Removal | . 5 |
| | 2.5. Camp Equipment Removal | . 5 |
| | 2.6. Removal of Structures | . 5 |
| | 2.7. Drill Core | . 6 |
| 3. | Revegetation | . 6 |
| | 3.1. Rock Pads | . 6 |
| | 3.2. Building and Core Rack Bases | . 6 |
| | 3.3. Roadways | . 6 |
| 4. | Post Closure Site Monitoring | . 6 |
| 5. | Reclamation Cost Estimate | . 7 |
| | Table 1 Reclamation cost estimate | . 8 |
| | Figure 1 Meadowbank Exploration Camp by October 2012 | C |

1. Introduction

Agnico-Eagle Mines Limited (AEM), the owner of the Meadowbank Gold Project, plans to continue exploration at and around the Meadowbank property by conducting geophysical surveys, prospecting, trenching and diamond drilling. The current exploration camp (covered by Water License NWB 2BE-MEA0813) is located near Third Portage Lake adjacent to km 100 on the all weather private access road (AWPAR) between the Hamlet of Baker Lake and the Meadowbank site, approximately 65 km north of Baker Lake, at 650 01' 52"N latitude and 960 9' 22"W longitude on NTS map sheet 66H/1 on the Inuit Owned Lands (IOL BL-14). The exploration camp is used for ongoing and future mineral exploration efforts in the area of the Meadowbank Project, specifically to explore new mineralised zones. The camp has a maximum capacity of 85 persons, with an average population of 40 persons, and consists of trailer units. Fuel storage systems at the site is composed from one 75,000 litres and one 10,000 litres both double walled self-contained storage tanks for diesel fuel and one 75,000 litres double walled self-contained storage tank for Jet A fuel. The reader is referred to figure 1 below for a picture showing the the camp. Detailed plans for the demobilization of equipment and the restoration of the site are provided below. An itemized breakdown of the projected costs to complete the work is provided in table 1.

2. Demobilization at the end of activities

In the event of the exploration camp shutdown, all equipment, structures and fuel containers will be removed from the area of the lease prior to lease termination. Non-combustible buildings, materials and equipment will be removed by the Tenant and transported to Baker Lake. All materials and equipment will be offered for purchase by local interests. Any items which remain will be shipped on barges from Baker Lake to southern locations. Local persons and businesses will be given the opportunity to salvage buildings, materials and equipment that would otherwise be destroyed prior to the Tenant undertaking final land reclamation procedures. The only materials and structures remaining after demobilization will be drill cores stored on racks at the site.

2.1. Fuel Removal

No remaining fuel should be present at the closure of the camp. We are supplied by the mine, so all remaining fuel would be relocated at the mine site.

2.2. Fuel Storage Tank Removal

Portable bulk fuel storage tanks (10,000 and 75,000 litres capacity) will be hauled overland to Baker Lake and shipped south on a barge if the Meadowbank Mines doesn't want them. After the removal of the fuel storage tanks, the soil and gravel under the tanks and fuel dispensing station will be tested for hydrocarbon contamination. Any contaminated soils related to the fuel

storage area will be removed and brought to the landfarm facility at the Meadowbank Mine site or placed into drums and shipped to south for disposal in an appropriate hazardous waste facility if the Meadowbank landfarm facility is not available. This will be done in compliance with the guidelines of the Environmental Protection Services of the Government of Nunavut. This includes registration as a generator with the EPS and complying with all other regulatory requirements for hazardous waste management, including transportation, occupational health and public health.

2.3. Fuel Drum Removal

The empty fuel or oil drums are brought at the Meadowbank mine site each week for disposal, so no stock is present at the exploration camp.

2.4. Drill Equipment Removal

All drill equipment will be relocated to Baker Lake for shipment south to the place of business of the drilling contractor. All materials consumed by drilling such as salt, drilling compounds, etc. will be relocated to Baker Lake for shipment south to the place of business of the drilling contractor. Peat and fertilizer will be retained on site for use during site reclamation. No surplus is expected.

2.5. Camp Equipment Removal

Abandonment and restoration cost estimates assume that all equipment will be removed by AEM. However, local persons and businesses will be given the opportunity to salvage camp equipment that would otherwise be destroyed prior to AEM undertaking final land reclamation procedures.

2.6. Removal of Structures

The exploration camp consists of the following structures:

- 4 12' x 60' trailers to form the camp kitchen;
- 9 12' x 60' trailers for bedroom/sleeping units;
- 1 12' x 60' trailers for water tanks;
- 3 12' x 60' trailers for office, living room;
- 1 12' x 60' trailer for entrance
- 1-12' x 24' drillers shack
- 3 8' x 20' sea cans for 2 gensets and 1 for electric panel;
- 1 30' x 80' core shack;
- 1 42' x 50' Cover-all for drillers;
- 1 50' x 70' Garage
- 1 -8' x 20' sea can for drillers dry;
- 37 8' x 20' sea cans for material;
- 4 8' x 40' sea cans for material;
- 1 8' x 20' sea can for drillers dry
- 1 8' x 20' sea can for smoking room;

Closure and reclamation plan
December 2012

- 4 8' x 20' sea can for food;
- 1-8' x 12' grey water shack and
- 1 sewage tank.

All units and trailers will be removed by AEM. All remaining structures and building materials will be burned on site with the non-combustible remainder collected and removed to the mine landfill. The rigid structures and other units will be offered to local interests.

2.7. Drill Core

It is intended that the drill core will remain at the site after camp demobilisation.

3. Revegetation

The natural re-vegetation of the site will be slow due to the dry conditions that exist within the region and at the camp. The use of fertilizers is most effective in moist sites; while it helps on drier sites, the response by the tundra plant community on the elevated ground occupied by the camp will be significantly slower with increased weather/climate exposure. There will be three different surface conditions that require reclamation on termination of activities at the present camp site, as described below.

3.1. Rock Pads

Rock pad have been placed on the lease area to establish a level supporting surface under all structures. The natural surface is remain stable and is bordered by natural vegetation. The rock will be mixed with peat and fertilizer.

3.2. Building and Core Rack Bases

The prolonged presence of structures prevents plant growth by decreasing sun-light to the availability to the plants on the site. The ground surface will remain stable and over time plants will begin to re-establish. Plant germination and subsequent re-vegetation will be enhanced by limited scarification and through the application of fertilizer throughout the lease area.

3.3. Roadways

All access roads which were constructed under the exploration permits will be decommissioned and returned to the original ground profile. The pre-existing drainage courses will be re-established and all culverts removed. Disturbed surfaces will be scarified and fertilized to promote natural vegetative cover.

4. Post Closure Site Monitoring

After the completion of reclamation, two years of annual terrestrial and aquatic monitoring will take place in late summer. The monitoring will consist of measuring and documenting plant regrowth, ensuring that the core racks and boxes are stable and inspecting potential problem areas for erosion and run-off into the nearby waterbodies. Reports, including photographs, will be submitted to the land owner (KIA) and to the NWB.

5. Reclamation Cost Estimate

Cost estimates for the above activities are based on unit costs and unit project management costs are estimated at 30 days at \$500/day or \$15,000. Table 1, attached to this document, includes detailed cost estimates for each activity. No contingency factor has been added to the amounts presented in Table 1.

Table 1 Reclamation cost estimate

Meadowbank Project Exploration camp at km 100
Cost estimate of reclamation as December 2012

| Cost estimate of reclamation as December 2012 | | | | | | | | | | |
|---|--|--------------------------------|-----------|--------|-----------------------|--------------------------|------------------|-----------------------------------|------------------------|---|
| Activity | Sub-activity | Item | Unit | #Units | Weight/ unit in kg | Total weight in kg | Cost/unit | Allocation of camp costs 100\$ | Total for Activity | Transport Cost |
| | Fuel tanks 75 000 L | Camp to Baker | | 2 | | | \$308.70 | | \$617.40 | Explo camp to Baker Lake |
| Demobilisation Fuels/tanks | Fuel tank 10 000L | Camp to Baker | | 1 | | | \$154.35 | | \$154.35 | p p |
| | Removal | Workers | mandays | 2 | | | \$250.00 | \$200.00 | \$700.00 | Transport cost, 1 container 20 feet full or empty \$ 154.35 |
| | Ocean freight | Baker to South | | 3 | | | \$844.28 | | \$2,532.84 | Transport cost for bulk material (by ton) \$ 83.91 |
| | | | | | | | | | | |
| | Drills (Orbit-Garant Drilling hydraulic rigs); | Camp to Baker | | 6 | 9000 | 54000 | \$0.08 | | \$4,531.14 | Baker Lake to Becancour |
| | Skidders - Clark 240; | Camp to Baker | | 2 | 11000 | 22000 | \$0.08 | | \$1,846.02 | |
| | Sloop | Camp to Baker | | 1 | 1700 | 1700 | \$0.08 | | \$142.65 | Transport cost, 1 container 20 feet with 20 tons \$ 844.28 |
| | D6 Caterpillar | Camp to Baker | | 1 | 17500 | 17500 | \$0.08 | | \$1,468.43 | Transport cost for bulk material (by ton) \$ 219.65 |
| | Snowmobiles | Camp to Baker | | 8 | 280 | 2240 | \$0.08 | | \$187.96 | |
| | Seacans (approx 5000kg each) | Camp to Baker | | 48 | | | \$154.35 | | \$7,408.80 | |
| | Trailers Moorooka | Camp to Baker Camp to Baker | | 2 | 3000 20000 | 6000 20000 | \$0.08 \$0.08 | | \$503.46 \$1,678.20 | |
| | 4000 fuel tank on skid | Camp to Baker | | 6 | 2000 | 12000 | \$0.08 | | \$1,006.92 | |
| | Containers on sloop | Camp to Baker | | 20 | 3400 | 68000 | \$0.08 | | \$5,705.88 | |
| Demobilisation Orbit equipment | Pick-up | Camp to Baker | | 5 | 2300 | 11500 | \$0.08 | | \$964.97 | |
| | 3.0 m HWT casing | Camp to Baker | | 187 | 35 | 6545 | \$0.08 | | \$549.19 | |
| | 1.5 m HWT casing | Camp to Baker | | 84 | 17 | 1428 | \$0.08 | | \$119.82 | |
| | 3.0 m rods NRW | Camp to Baker | | 714 | 28 | 19992 | \$0.08 | | \$1,677.53 | |
| | 3.0 m rods BT | Camp to Baker | | 815 | 28 | 22820 | \$0.08 | | \$1,914.83 | |
| | 1.5 m rods NRQ | Camp to Baker | | 23 | 17 | 391 | \$0.08 | | \$32.81 | |
| | 2' rods NRQ | Camp to Baker | | 45 | 5 | 225 | \$0.08 | | \$18.88 | |
| | Removal | Workers | mandays | 8 | | | \$250.00 | \$800.00 | \$2,800.00 | |
| | Ocean freight containers | Baker to south | | 48 | | | \$844.28 | | \$40,525.44 | |
| | Ocean freight bulk | Baker to south | | | | 266341 | \$0.22 | | \$58,501.80 | |
| | I | | | | | | | 1 | | |
| | Pick-up trucks - Ford F250 | Camp to Baker | | 2 | 2200 | 4400 | \$0.08 | | \$369.20 | |
| | Back hoe - Caterpillar D420; Mini excavator Kubota Model k008-3 | Camp to Baker Camp to Baker | | 1 | 7025 920 | 7025 920 | \$0.08 \$0.08 | | \$589.47 \$77.20 | |
| | Snowmobiles; and | Camp to Baker | | 3 | 280 | 840 | \$0.08 | | \$77.20 | |
| | ATV Honda Foreman | Camp to Baker | | 1 | 290 | 290 | \$0.08 | | \$24.33 | |
| Demobilisation Agnico-Eagle | Materials sea cans | Camp to Baker | | 10 | 230 | 230 | \$154.35 | | \$1,543.50 | |
| equipment | Generator SR4 | Camp to Baker | | 1 | 13158 | 13158 | \$0.08 | | \$1,104.09 | |
| | Generator SR4B | Camp to Baker | | 1 | 13158 | 13158 | \$0.08 | | \$1,104.09 | |
| | Removal | Workers | mandays | 2 | | | \$250.00 | \$200.00 | \$700.00 | |
| | Ocean freight containers | Baker to South | | 10 | | | \$844.28 | | \$8,442.80 | |
| | Ocean freight bulk | Baker to South | | | | 39791 | \$0.22 | | \$8,754.02 | |
| | | | | | | | | | | • |
| | | Camp to Baker | | 18 | 4000 | 72000 | \$0.08 | | \$6,041.52 | |
| | 8' x 20' sea cans for 2 gensets and 1 for electric | | | | | | 4 | | **** | |
| | panel | Camp to Baker | | 3 | 4400 | 4400 | \$154.35 | | \$463.05 | |
| | 30' x 80' core shack | Camp to Baker | | 1 | 4400 4200 | 4400 | \$0.08 | | \$369.20 | |
| Demobilisation Buildings | 42' x 50' Cover-all 50' x 70' Garage | Camp to Baker Camp to Baker | | 1 | 5000 | 4200 5000 | \$0.08 \$0.08 | | \$352.42 \$419.55 | |
| | 8' x 12' grey water shack and | Camp to Baker | | 1 | 5000 | 5000 | \$154.35 | | \$154.35 | |
| | Removal | Workers | mandays | 12 | | | \$250.00 | \$1,200.00 | \$4,200.00 | |
| | Ocean freight containers | Baker to South | manadys | 3 | | | \$844.28 | \$1,200.00 | \$2,532.84 | |
| | Ocean freight bulk | Baker to South | | | | 85600 | \$0.22 | | \$18,832.00 | |
| | • | | | | | | | | | |
| | D6 flatten slopes, fill sumps, scarify gravel pad | | op hrs | 20 | | | \$200.00 | | \$4,000.00 | |
| Reclamation; Equipment work | Backfill trenches with Backhoe/loader | | op hrs | 20 | | | \$150.00 | | \$3,000.00 | |
| Paclamation: Supplies /slass | Fertilizer | | bulk | 2 | | | \$6,000.00 | | \$12,000.00 | |
| Reclamation; Supplies/clean up and labor | Peat | | bulk | 2 | | | \$6,000.00 | | \$12,000.00 | |
| aadb01 | Site clean up, fertilizer and peat | | man/day | 12 | | | \$250.00 | \$1,200.00 | \$4,200.00 | |
| Site monitoring | Contract | Year 1 | flat rate | | | | | | \$10,000.00 | |
| | | Year 2 | flat rate | | ļ | | | | \$6,000.00 | |
| Project Management | | | mandays | 30 | <u> </u> | | \$500.00 | | \$15,000.00 | |
| | | | | | | | | | | • |
| Total Cost | | | | | | | | | \$257,933.42 | |
| | | | | | | | | | | = |

Figure 1 Meadowbank Exploration Camp by October 2012

