MELIADINE GOLD PROJECT

Drilling Waste Management Plan

Prepared by:

AgnicoEagle Mines Limited, Exploration Division

June 2013

DOCUMENT CONTROL

Version	Date (YMD)	Section	Page	Revision
	June 2013			Document creation

Prepared by

David Frenette
Environment Coordinator

Table of Contents

1.0 Introduction

This Drilling waste management plan is designed to reduce adverse impacts on the environment at the AgnicoEagle Mines, Meliadine Gold Project, related to the diamond drilling. It is designed to comply with the terms and conditions for water use and waste management outlined in Nunavut Water Board License 2BB-MEL0914.

2.0 License requirement

The licensee shall ensure that all drill waste, including water, chips, mud and salts (CaCl) in any quantity or concentration, from land-based and on-ice drilling, shall be disposed of in a properly constructed sump or an appropriate natural depression located at a distance of at least thirty one (31) meters from the ordinary high water mark of any adjacent water body, where direct flow into a water body is not possible and no additional impacts are created.

3.0 Using of CaCl

To avoid adverse impact on the environment created by using of CaCl, Agnico Eagle Mines will not use CaCl as a drilling additive. The CaCl will only be used as a conditioner during the bit removal or during the hole testing (gyros). The CaCl used is noted for each drilling site in the drilling daily report, and Agnico Eagle works to reduce at a minimum utilization of this product.

4.0 Choice of the natural depression

To choose an efficient natural depression to dispose of the drilling waste, Agnico Eagle Mines use the following criteria:

- The natural depression used is located at least at 31 meters from any water body.
- The natural depression used is located in an area where the slope is not going on a water body direction.
- If the used water still goes on a water body direction, the “cutting line” will be relocated or a sediment fence will be deployed.

5.0 Drilling with a water recirculation system

AgnicoEagle Mines use, on a part of the drills, a water recirculation system that permits to reduce significantly the water consumption. This system also provides a precise management of the drill waste (cutting). The cutting is settled in a tank at the drill site and removed with a vacuum. Once removed, the cutting is disposed in a cutting deposit.

Figure 1, drill water recirculation system

5.1 Cutting deposit location

Agnico Eagle will choose the deposit locations for the drilling waste during the summer to have a good vision of the topography. Pictures and reports of the deposit locations will be taken. The locations of the deposit will be at least at 150 meters from the nearest water body in a natural depression where a direct flow to a water body is not possible.

5.2 Monitoring of the drilling waste at the cutting deposit

Agnico Eagle will monitor the drilling waste at the cutting deposit for the CaCl parameters. Two samples will be taken and analyzed by an external laboratory for each cutting deposit after the snow melt.