

## ORIGINAL

Nunavut Water Board JUN 2 0 2013 Public Registry

June 06, 2013

Via email and Xpresspost

Phyllis Beaulieau, Manager of Licensing Nunavut Water Board PO Box 340 Gjoa Haven (Nunavut) X0B 1J0

## Re: Meliadine Gold Project; Licence 2BB-MEL0914

In respect of the licence 2BB-MEL0914, AgnicoEagle Mines wants to continue to improve its used water treatment system.

As required by the licence Part G item 1, AgnicoEagle Mines notifies the Board in writing of such proposed modifications at least sixty (60) days prior to beginning of the modifications.

The details of the modifications planned for the year 2013 are described in the new waste water management plan attached to this letter. The modifications are the addition of an ozone generator for the disinfection of the effluent and a retention basins system with an effluent dissipation channel to replace the sump and wetland described in the licence.

The retention basins system is planned to be designed with six 20 feet isolated and heated containers installed in row. In normal operation, the water going out of the STP is directed to the bolder channel (effluent dissipation channel), via valves and flow up to the Meliadine lake. The bolder channel will be constructed with natural rocks from 6" to 36" of diameter. This channel will permit to avoid erosion of soil to be created by the effluent. In case the water is not respecting the regulation, the water is directed to the holding tanks. The total capacity allows to hold one (1) week of water. Two (2) return pumps are installed at the bottom of the tanks, to redirect the water in the STP, so it can be treated again.



Should you need more information, please contact me by email at: <a href="mailto:david.frenette@agnicoeagle.com">david.frenette@agnicoeagle.com</a>

Regards,

**David Frenette** 

**Environment Coordinator**