



**AGNICO EAGLE**

**MELIADINE GOLD PROJECT**

**ENVIRONMENTAL QUARTERLY REPORT: NOVEMBER 2013**

**PRESENTED TO THE NUNAVUT WATER BOARD**

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This quarterly report is delivered as requested by Christine Wilson, AANDC inspector, in her report following the July 10<sup>th</sup> 2012 inspection. This report details the performance (negative or positive) of the used water treatment and the actions that were taken to produce such results. This report must be submitted quarterly from May 30<sup>th</sup>, 2013 until May 30<sup>th</sup>, 2014.

**Summary of the quarter:**

During this period, the licence requirements were respected. The treatment is under control and the quality of the effluent is good. During the quarter, the number of people on site decrease from 78 to 45 persons. The flow at the stp decrease from 17 to 10 m3 at the end of the quarter.

Some tests with an ozone generator were conducted onsite during this quarter to continue to improve the effluent quality. Actually the ozone generator cannot be operated, because a part of the ozone generated is released into the ambient air inside the building, causing a risk for the health and safety. We are reviewing the situation.

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Table 1, analysis results station MEL-7

Station: STP-OUT (MEL-7)		August				September				October			
DATE	Limits	05/08/2013	12/08/2013	19/08/2013	26/08/2013	02/09/2013	09/09/2013	17/09/2013	23/09/2013	01/10/2013	08/10/2013	15/10/2013	21/10/2013
Biochemical Oxygen Demand (mg/L)	80	<6.0	<6.0	<6.0	<6.0	6.9	<6.0	<6.0	10.5	<6.0	<6.0	<6.0	<6.0
Oil & Grease-(IR) (mg/L)	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Total Suspended Solids (mg/L)	100	<5.0	8.0	8.0	<5.0	<5.0	8.0	5.0	13.0	8.0	34.0	<5.0	6.0
pH (pH units)	6.5-9	7.0	6.8	7.4	7.0	7.4	7.4	7.3	7.6	7.0	6.4	7.2	7.0
Fecal Coliforms (MPN/100ml)	1000	<3	<3	<3	4	23	93	4	38	<3	93	<3	<3