



AGNICO-EAGLE MEADOWBANK

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February 26, 2009

Via email and Xpresspost

Mr. Richard Dwyer
Licensing Administrator
Nunavut Water Board
PO Box 119
Gjoa Haven, NU X0B 1J0
Phone: (867) 360-6338

Dear Mr. Dwyer,

Re: January 2009 Monitoring Program Summary Report

As required by Water license 2AM-MEA0815 Part I Item 25, please find enclosed the January 2009 Monitoring Program Summary Report.

Should you have any questions regarding this submission, please contact me directly at 819-759-3700 ext. 814 or via email at stephane.robert@agnico-eagle.com.

Regards,

A handwritten signature in black ink, appearing to read 'Stéphane Robert', with a long horizontal flourish extending to the right.

Stéphane Robert,
Environment Superintendent

Encl (1)



Meadowbank Gold Project

Monitoring Program Summary Report

Type A Water License 2AM-MEA0815

January 2009

MEADOWBANK GOLD PROJECT
MONITORING PROGRAM SUMMARY REPORT
JANUARY 2009

Type A Water License 2AM-MEA0815

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**MEADOWBANK GOLD PROJECT
MONITORING PROGRAM SUMMARY REPORT
JANUARY 2009**

Type A Water License 2AM-MEA0815

SECTION 1 • BACKGROUND

As required under Part I, Item 25 of Type A Water License 2AM-MEA0815, this report documents the water management, monitoring activity and analytical monitoring along the AWPARG and mine site for the month of January 2009.

It should be noted that the Meadowbank Project is just entering the construction phase and is not scheduled to commence operations until early 2010. Consequently many of the license specified reporting locations or requirements are associated with facilities that are not yet constructed and thus reporting cannot be fully initiated until these facilities are constructed and commissioned. During this phase of construction no water has been pumped, discharged or transferred, rather all site contact run-off are contained and directed to the Stormwater Management Pond (Tear Drop Attenuation Pond). The monitoring points covered by this monthly report will expand as the facilities are constructed.

Additionally, for the NWB to review, Section 4 summarizes the AEM internal spill reporting for January 2009.

**MEADOWBANK GOLD PROJECT
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SECTION 2 • WATER QUALITY MONITORING

In January, no monitoring or sampling was completed along the AWPAP or at the mine site due to ice conditions. No water was discharged around the mine site, rather all the water (ie Sewage Treatment Plant, construction pumping) was directed to the Storm Water Management Pond.

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SECTION 3 • WATER MANAGEMENT

3.1 WATER USAGE

Under Water License 2AM-MEA0815, the total water consumption limit for the Meadowbank Project is 58,333 m³/month or 700,000 m³/year for batch plant, domestic and milling water use. During the month, the average number of people on site by day was 237. The total consumption of water for the batch plant and the mine site was 1,725 m³ for the month, an average of 56 m³ a day.

Table 3.1: January 2009 Water Consumption

	Water Usage (m³)
Batch Plant	132
Water Treatment Plant	1593
Total for the site	1725

3.2 SEWAGE TREATMENT PLANT MONITORING

At the sewage treatment plant (STP), two samples were taken in January only for the Seprotech L333. The two Little John LJ100s are in recirculation mode. No sample was taken on January 12 or January 19 due to blizzard conditions. No sludge was removed from the STP in January.

Table 3.2: January 2009 STP Seprotech L333 Effluent Results

Parameter	1/6/2008	1/12/2008	1/19/2008	1/26/2008
BOD-5 (mg/L)	1			13
COD (mg/L)	42			127
TSS (mg/L)				39
NO ₂ -NO ₃ (mg N/L)	17.2			42
P tot (mg P/L)	3.6			13.8
Fecal Coliform (UFC/100mL)	10			60
Total Coliform (UFC/100mL)	60			800
Atypical Colony (UFC/100mL)	140			9900

Not sampled: bad weather conditions

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SECTION 4 • SPILL MANAGEMENT SUMMARY

In January, no spills were reported.