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March 27, 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: February 2009 Monitoring Program Summary Report

As required by Water license 2AM-MEA0815 Part I Item 25, please find enclosed the February 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,

Stéphane Robert,
Environment Superintendent

Encl (1)



Meadowbank Gold Project

Monitoring Program Summary Report

Type A Water License 2AM-MEA0815

February 2009

MEADOWBANK GOLD PROJECT
MONITORING PROGRAM SUMMARY REPORT
FEBRUARY 2009

Type A Water License 2AM-MEA0815

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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 February 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 February.

**MEADOWBANK GOLD PROJECT
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SECTION 2 • WATER QUALITY MONITORING

In February, 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 2MA-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 303. The total consumption of water for the batch plant and the mine site was 1,806 m³ for the month, an average of 65 m³ a day.

Table 3.1: February 2009 Water Consumption

	Water Usage (m³)
Batch Plant	311
Water Treatment Plant	1495
Total for the Site	1806

3.2 SEWAGE TREATMENT PLANT MONITORING

At the sewage treatment plant (STP), two samples were taken in February only for the Seprotech L333. The two Little John LJ100s are in recirculation mode. No sample was taken February 2 due to blizzard conditions. No sludge was removed from the STP in February.

Table 3.2: February 2009 STP Seprotech L333 Effluent Results

Parameter	2/2/2009	2/9/2009	2/16/2009	2/23/2009
DBO-5 (mg/L)		3	11	4
COD (mg/L)		100	109	97
TSS (mg/L)		32	30	25
NO ₂ -NO ₃ (mg N/L)		33	41.8	35.3
NH ₃ -NH ₄ (mgN/L)		10.1	18.4	14
P tot (mg P/L)			13.2	12.7
Fecal Coliform (UFC/ 100mL)		<10		4
Total Coliform (UFC /100mL)		36,000		300
Atypical Colony (UFC /100mL)		32,000		14,300

	Not sampled: bad weather condition
	Samples did not reach the lab in time

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SECTION 4 • SPILL MANAGEMENT SUMMARY

During the construction phase, as part of the global Environmental Management System, AEM is developing a system of tracking spills on-site. The Table 4.1 summarizes the AEM Internal spill reports for February.

Table 4.1: Summary of February 2009 AEM Internal Spill Reports

AEM Internal #	Date of Spill	Hazardous Material (Fuel, Oil, etc.)	Quantity	Location	Cause of Spill	Clean-up Action Taken	Reported to Spill GN Hotline
02-2009-01	2/7/2009	Diesel fuel	5 L	AWPAR Km	Hose burst from a pick-up	All contamination was collected and snow was put in a barrel and sent to the Hazardous Materials Storage Area	No
02-2009-02	2/8/2009	Diesel fuel	3 L	AWPAR Km 31	Hose burst from Mini Bus	All contamination was collected and snow was put in a barrel and sent to the Hazardous Materials Storage Area	No
02-2009-03	2/12/2009	Concentrate Glass Cleaner	20 L	In front of TCG garage	Tail gate open during transportation	Identified the contaminated area. All contaminated snow was collected in a barrel and taken to the Hazardous Materials Storage Area	No
02-2009-04	2/14/2009	Hydraulic oil	4 L	Crusher area	Crack fitting on hose	Immediately put down oil absorbents & fixed fitting. Cleaned, collected & packaged the spill	No
02-2009-05	2/14/2009	Antifreeze	10 L	Generator #1	Hole in the radiator	Put down absorbent sheet to contain spill inside and removed contaminated snow	No
02-2009-06	2/13/2009	Antifreeze, Fuel, Hydraulic oil	50 L in total	Crusher area	Truck tipped on the side	Contained the leak and shoveled it up with a back hole to Quarry 22	No
02-2009-07	2/23/2009	Oil	4 L	Container by new drill & Toromont coverall	Drum was punctured while moving it to the coverall	Drained the remainder of the drum into an empty drum using the crane on the service truck. Used spill pads to soak up spilled oil	No
02-2009-08	2/21/2009	Hydraulic oil	15 L	Sand pit	Hose burst from cold weather	Snow was taken to the contaminated snow area and the D8 dozer was transported by a trailer to the garage	No

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02-2009-09	2/24/2009	Oil	8 L	Dewaterin g road west of culvert	Vent of the motor was plugged and the oil spill by the checking gauge (caused by cold weather)	Contaminated snow was taken to the bermed cell and the motor was repaired	No
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