AGNICO-EAGLE
MEADOWBANK DIVISION

April 1, 2010

Via Email and Xpresspost

Mr. Richard Dwyer
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Dear Mr. Dwyer,

Re: Water License 2AM-MEA0815 February Monitoring Program Summary Report

As required by Water License 2AM-MEA0815 Part I Item 25, please find the February 2010 Monitoring Program Summary Report enclosed.

Should you have any questions regarding this submission, please contact me directly at 819-763-0229 or via email at stephane.robert@agnico-eagle.com.

Regards,

Stéphane Robert
Environment Superintendent

Encl (1)

cc: *Lou-Ann Cornacchio, Indian and Northern Affairs Canada*
David Abernethy, Indian and Northern Affairs Canada
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AGNICO-EAGLE

MEADOWBANK GOLD PROJECT

Monitoring Program Summary Report

February 2010

Type A Water License 2AM-MEA0815

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

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 at the mine site for the month of February 2010.

The dewatering of the northwest arm of Second Portage Lake continued in February. No other 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). It should be noted that the Meadowbank Project is in the commissioning phase. The monitoring points covered by this monthly report will expand as the facilities are commissioned. Additionally, for the NWB to review, Section 3 summarizes the AEM internal spill reporting for February.

SECTION 2 • WATER MANAGEMENT

2.1 WATER USAGE

During February, the daily average number of people on site was 474. The consumption of water for the camp and the batch plant was 2,262 m^3 for the month. Water usage for the mill was 90,000 m^3 because the reclaim barge was not operational and the leach tank had to be filled.

Table 2.1: February 2010 Water Usage

	Water usage (m^3)
Batch Plant	34
Water Treatment Plant	2,228
Mill	90,000
Water for dust control	0
Total for the site	**92,262**

2.2 SEWAGE TREATMENT PLANT MONITORING

Four water samples were taken at the effluent of the sewage treatment plants (STP). The results showed the two systems are working well.

Table 2.2: February 2010 STP Effluent Results

Station: STP-OUT				
Parameter	**2/2/2010**	**2/8/2010**	**2/15/2010**	**2/22/2010**
NH3-NH4 (mg/L)	38.8	32.1	28.3	16.1
BOD-5 (mg/L)	12	9	11	11
COD (mg/L)	42	48	44	68
TSS (mg/L)	44	14	18	23
NO2-NO3 (mg N/L)	47.2	49.4	51.7	42.5
pH	6.52	6.20	4.17	4.39
P tot (mg P/L)	15.6	19.0	22.8	16.5
Fecal Coliform (CFU/100mL)	10	<100	24	16
Total Coliform (CFU/100mL)	<100	6,000	300	300
Atypical Colony (CFU/100mL)	1,000	33,000	8,100	16,300

2.3 DEWATERING OF SECOND PORTAGE ARM

Water quality monitoring for the Second Portage Arm dewatering project continued in February. The Turbidity and the Total Suspended Solids (TSS) values at the outlet of the TSS treatment plant are as follows and show that the limits of the License were respected:

- TSS 30 days mean for outlet of Treatment Plant 1 and 2: 5.4 mg/L (Limit 15 mg/L)
- NTU 30 days mean for outlet of Treatment Plant 1 and 2: 6.8 NTU (Limit 15 NTU)

Tables 2.3 and 2.4 summarize the February dewatering monitoring results.

Table 2.3: February 2010 Dewatering Monitoring – TSS and turbidity

Date	DD-WTP-01(Out)		DD-WTP-02(Out)			Both WTP Outlets			
	24-hour Mean	Lab TSS	24-hour Mean	Lab TSS		NTU 24-hour Mean	TSS 24-hour Mean	NTU 30-day Mean	TSS 30-day Mean
	NTU	mg/L	NTU	mg/L			mg/L		mg/L
2010-02-01	4.68	6	2.17	3		3.43	4.50	3.5	5.2
2010-02-02	3.23	18	2.52	13		2.88	15.50	3.5	5.5
2010-02-03	2.42	2	2.01	3		2.22	2.50	3.5	5.5
2010-02-04	3.85		3.30			3.58		3.5	5.6
2010-02-05	5.84	6	7.20	4		6.52	5.00	3.6	5.7
2010-02-06	2.75	13	2.54	9		2.65	11.00	3.5	6.0
2010-02-07	3.32	6	2.20	1		2.76	3.50	3.5	5.8
2010-02-08	3.08	1	2.38	3		2.73	2.00	3.5	5.8
2010-02-09	11.81	12	5.06	7		8.44	9.50	3.7	5.9
2010-02-10	5.97	17	3.94	9		4.96	13.00	3.8	6.2
2010-02-11	5.84	12	3.94	2		4.89	7.00	3.8	6.3
2010-02-12	5.41	2	4.37	3		4.89	2.50	3.8	6.1
2010-02-13	7.19	4	5.12	4		6.16	4.00	3.9	6.1
2010-02-14								4.0	6.2
2010-02-15	6.49	11	4.78	4		5.64	7.50	4.0	6.4
2010-02-16	6.33	6	5.76	13		6.05	9.50	4.1	6.6
2010-02-17	7.91	7	11.93	10		9.92	8.50	4.3	6.7
2010-02-18	6.68	5	7.61	6		7.15	5.50	4.5	6.8
2010-02-19	3.56	2					2.00	4.5	6.8
2010-02-20	6.41	6	4.47	7		5.44	6.50	4.6	6.8
2010-02-21	9.62	6	8.16	8		8.89	7.00	4.8	6.8
2010-02-22	6.94	4	6.49	4		6.72	4.00	4.9	6.7
2010-02-23	3.57	7	4.72	10		4.15	8.50	4.9	6.8
2010-02-24	6.51	2	5.99	4		6.25	3.00	5.0	6.6
2010-02-25	4.56	4	3.81	4		4.19	4.00	5.0	6.5
2010-02-26	3.84	6	3.82	4		3.83	5.00	4.9	6.5
2010-02-27								5.0	6.3
2010-02-28								5.1	6.2

Table 2.4: February 2010 Dewatering Monitoring – pH and Al

Date	DD-WTP-01(Out)		DD-WTP-02(Out)			Both WTP Outlets	
	pH	Total Al	pH	Total Al		pH 24-hour Mean	Al 24-hour Mean
	units	mg/L	units	mg/L		units	mg/L
2010-02-02	7.28	0.835	7.26	0.427		7.27	0.631
2010-02-08	7.33	0.467	7.27	0.454		7.30	0.461
2010-02-17	7.29	0.455	7.25	0.628		7.27	0.542
2010-02-22	7.00	0.299	7.06	0.341		7.03	0.320

2.4 DIKE CONSTRUCTION MONITORING

AEM received approval for the Dike Construction and Dewatering Monitoring Plan and construction of the Bay-Goose dike causeway began on February 18. During the month, the maximum TSS concentration for the three stations at the causeway was:

- Short-term (24-hr): 4.6 mg/L (Limit is 25 mg/L)

The February 2010 dike construction monitoring results are provided in table 2.5 and the station locations are shown on Figure 1.

Table 2.5: February 2010 Dike Construction Monitoring Results

Date	BGC-1		Coordinates			BGC-2		Coordinates			BGC-3		Coordinates	
	Max NTU of day	Max TSS of day	Easting 1	Northing 1		Max NTU of day	Max TSS of day	Easting 2	Northing 2		Max NTU of day	Max TSS of day	Easting 3	Northing 3
		25 mg/L					25 mg/L					25 mg/L		
2010-02-04	2.7	0.6				2.8	0.7				4.0	1.0		
2010-02-18	2.5	0.6	638,951	7,212,228		5.5	1.3	639,010	7,212,238		4.4	1.1	639,095	7,212,259
2010-02-19	2.3	0.5	638,951	7,212,228		6.5	1.6	639,010	7,212,238		1.8	0.4	639,095	7,212,259
2010-02-20	3.0	0.7	638,951	7,212,228		8.1	2.0	639,010	7,212,238		5.8	1.4	639,095	7,212,259
2010-02-21	2.8	0.7	638,951	7,212,228		8.3	2.0	639,010	7,212,238		5.9	1.4	639,095	7,212,259
2010-02-22	2.7	0.6	638,942	7,212,224		9.9	2.5	639,009	7,212,233		8.5	2.1	639,107	7,212,244
2010-02-23	3.0	0.7	638,942	7,212,224		14.4	3.6	639,009	7,212,233		7.5	1.8	639,107	7,212,244
2010-02-24	4.6	1.1	638,922	7,212,220		13.2	3.3	639,006	7,212,224		8.8	2.2	639,113	7,212,234
2010-02-25	3.8	0.9	638,902	7,212,231		13.6	3.4	638,993	7,212,237		11.2	2.8	639,086	7,212,260
2010-02-26	1.8	0.4	638,928	7,212,217		17.3	4.4	639,005	7,212,247		11.4	2.9	639,092	7,212,265
2010-02-27	2.9	0.7	638,929	7,212,209		18.2	4.6	639,007	7,212,222		8.2	2.0	639,080	7,212,268
2010-02-28	4.4	1.1	638,922	7,212,179		17.4	4.4	639,009	7,212,205		7.9	1.9	639,046	7,212,262

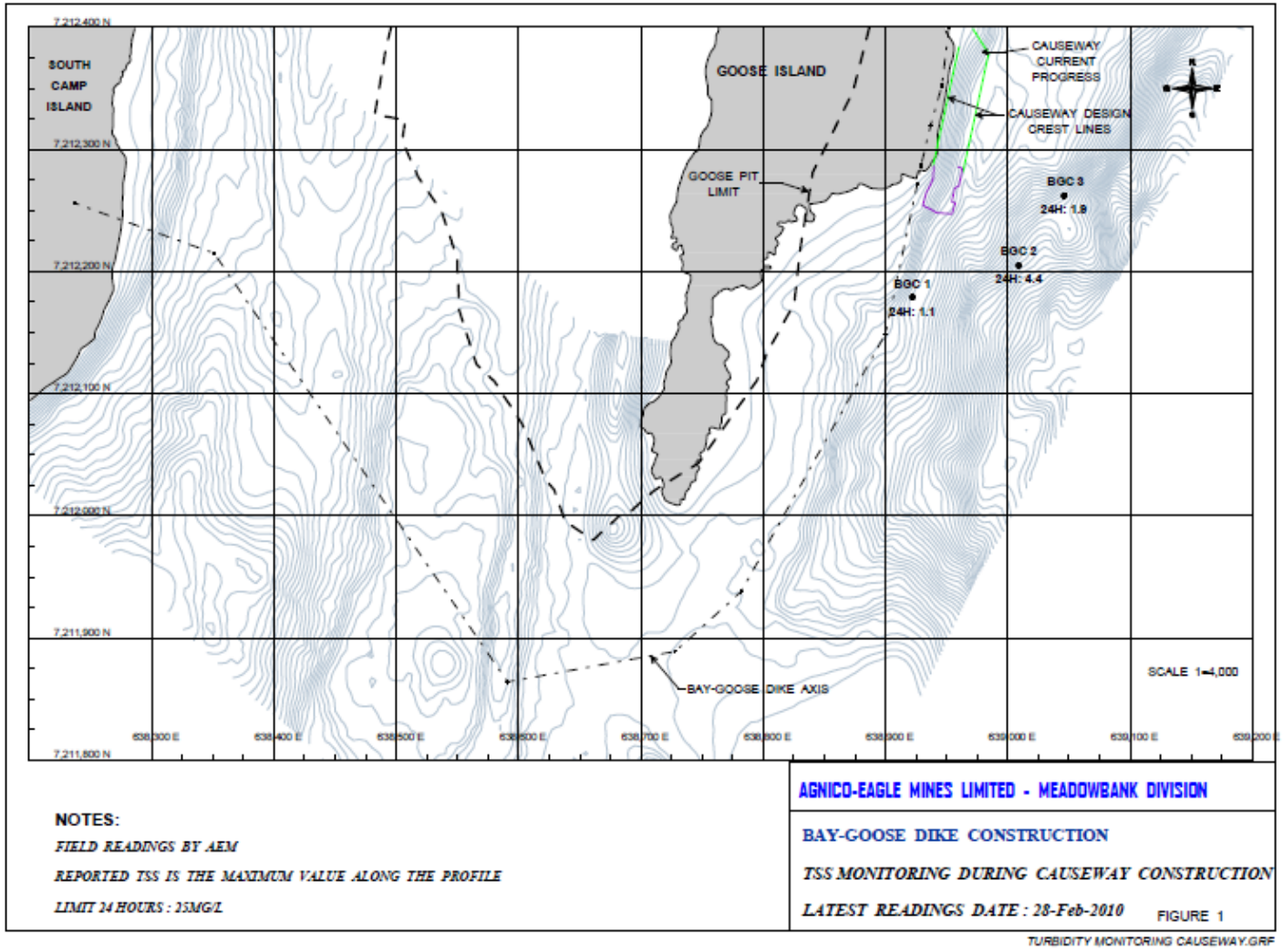

Figure 1: Dike Construction Monitoring Stations

SECTION 3 • SPILL MANAGEMENT SUMMARY

AEM has developed a system of tracking spills on-site. Table 3.1 summarizes the AEM internal spill reports for February.

Table 3.1: Summary of February 2010 AEM Internal Spill Reports

Date of Spill	Hazardous Material (Fuel, Oil, etc.)	Quantity	Location	Cause of Spill	Clean-up Action Taken	Reported to Spill Hotline
2010-02-01	Antifreeze	30 L	Between the main entrance of north portage and the crush stone stockpile (Sana crusher site)	The grader gra01 busted a Preston hose	Contaminated soil removed and disposed of at Quarry 22	N
2010-02-10	Diesel fuel	20 L	Power house South side Tank #630-TK-058	Refilling tank #58 valve sequence was not right	Placed absorbent pads under leak and pads were disposed of into Quatrex bags	N
2010-02-15	Hydraulic oil	about 240 L	South pit	Hydraulic hose on the roc master drill busted from the	Absorbent pads used to contain the spill and soil was cleaned up with a loader. Pads taken to the hazmat area and the contaminated soil taken to Quarry 22	Y
2010-02-27	Hydraulic oil	Unknown	Truck shop	Unknown	Contaminated soil removed and disposed of at Quarry 22	N
2010-02-06	Hydraulic oil	Unknown	Heavy equipment parking	Unknown	Contaminated soil removed and disposed of at Quarry 22	N
2010-02-20	Oil	Unknown	Cold storage	Unknown	Contaminated soil removed and disposed of at Quarry 22	N