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May 29, 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: April 2009 Monitoring Program Summary Report

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

AGNICO-EAGLE

MEADOWBANK GOLD PROJECT

Monitoring Program Summary Report

April 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 AWPAR and mine site for the month of April 2009.

It should be noted that the Meadowbank Project is in 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. The dewatering of the northwest arm of Second Portage Lake continued through April. During this phase of construction 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). 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 April.

SECTION 2 • WATER QUALITY MONITORING

In April, no monitoring or sampling was completed along the AWPAR 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.

2.1 DEWATERING OF SECOND PORTAGE LAKE

Dewatering of the northwest arm of Second Portage Lake continued in April with five pumps in operation; the fourth and fifth pumps (listed as intake units 5 and 6 in Table 2.1) were installed near the East Dike. These two pumps were put into service on the 14th and the 26th of April respectively. As of April 30, the volume of water pumped from the Second Portage Arm was estimated at 3.35 M m^3. The elevation of the Second Portage Arm was 130.64 m.

Total Suspended Solids (TSS) and turbidity are monitored daily at each intake pump (ST-DD-1) and once per week at Third Portage Lake near the outlet. The results respect the maximum monthly mean effluent quality limits (15 mg/L for TSS, 15 NTU for turbidity, 1.5 mg/l for Aluminum and 6 to 9 for pH). Table 2.1 lists the April monitoring results.

Table 2.1: Monitoring Results April 1 – 30, 2009

Sample ID	Date	Time	Turbidity result	TSS result		pH	Al	
	dd/mm/yyyy	hh:mm	NTU	mg/L			mg/L	
Intake Unit 1	4/1/2009	17:30	5.30	<	1			
Intake Unit 1	4/1/2009	17:30	4.16					
Intake Unit 2	4/1/2009	17:30	4.84	<	1			
Intake Unit 2	4/1/2009	17:30	4.02					
Intake Unit 3	4/1/2009	17:30	4.99		2			
Intake Unit 3	4/1/2009	17:30	4.19					
Intake Unit 1	4/2/2009	10:30	4.48		2			
Intake Unit 1	4/2/2009	10:30	3.72					
Intake Unit 2	4/2/2009	10:30	4.97		3			
Intake Unit 2	4/2/2009	10:30	3.85					
Intake Unit 3	4/2/2009	10:30	4.70		2			
Intake Unit 3	4/2/2009	10:30	3.51					
Intake Unit 1	4/2/2009	17:30	4.57					
Intake Unit 1	4/2/2009	17:30	3.77					
Intake Unit 2	4/2/2009	17:30	5.02					
Intake Unit 2	4/2/2009	17:30	3.80					
Intake Unit 3	4/2/2009	17:30	4.80					
Intake Unit 3	4/2/2009	17:30	3.52					
Intake Unit 1	4/3/2009	10:00	4.62		1			

Sample ID	Date	Time	Turbidity result	TSS result		pH	Al	
	dd/mm/yyyy	hh:mm	NTU	mg/L			mg/L	
Intake Unit 1	4/3/2009	10:00	4.35					
Intake Unit 2	4/3/2009	10:00	4.77		4			
Intake Unit 2	4/3/2009	10:00	3.70					
Intake Unit 3	4/3/2009	10:00	4.70		3			
Intake Unit 3	4/3/2009	10:00	3.45					
Intake Unit 1	4/3/2009	17:30	4.52					
Intake Unit 1	4/3/2009	17:30	3.49					
Intake Unit 2	4/3/2009	17:30	4.34					
Intake Unit 2	4/3/2009	17:30	3.38					
Intake Unit 3	4/3/2009	17:30	4.35					
Intake Unit 3	4/3/2009	17:30	3.21					
Intake Unit 1	4/4/2009	10:00	4.46		4			
Intake Unit1	4/4/2009	10:00	3.77					
Intake Unit 2	4/4/2009	10:00	5.03	<	1			
Intake Unit 2	4/4/2009	10:00	3.61					
Intake Unit 3	4/4/2009	10:00	4.08	<	1			
Intake Unit 3	4/4/2009	10:00	3.55					
Intake Unit 1	4/4/2009	17:30	4.26					
Intake Unit 1	4/4/2009	17:30	3.46					
Intake Unit 2	4/4/2009	17:30	4.60					
Intake Unit 2	4/4/2009	17:30	3.64					
Intake Unit 3	4/4/2009	17:30	4.40					
Intake Unit 3	4/4/2009	17:30	3.65					
Intake Unit 1	4/5/2009	18:45		<	1			
Intake Unit 1	4/5/2009	18:45						
Intake Unit 2	4/5/2009	18:45	4.42	<	1			
Intake Unit 2	4/5/2009	18:45	4.19					
Intake Unit 3	4/5/2009	18:45	4.40					
Intake Unit 3	4/5/2009	18:45	3.33					
Dewatering Outlet	4/5/2009	18:00	2.09	<	1			
Intake Unit 1	4/6/2009	9:30	3.97	<	1			
Intake Unit 1	4/6/2009	9:30	3.56					
Intake Unit 2	4/6/2009	9:30	4.40		1			
Intake Unit 2	4/6/2009	9:30	3.82					
Intake Unit 3	4/6/2009	9:30	4.09		1			
Intake Unit 3	4/6/2009	9:30	3.47					
Intake Unit 1	4/7/2009	18:30	4.33		2			
Intake Unit 1	4/7/2009	18:30	3.60					
Intake Unit 2	4/7/2009	18:30	4.95	<	1			
Intake Unit 2	4/7/2009	18:30	3.78					
Intake Unit 3	4/7/2009	18:30	4.45		2			

Sample ID	Date	Time	Turbidity result	TSS result		pH	Al	
	dd/mm/yyyy	hh:mm	NTU	mg/L			mg/L	
Intake Unit 3	4/7/2009	18:30	3.61					
All Units	4/8/2009	18:00						
Intake Unit 1	4/9/2009	17:00	4.05		2			
Intake Unit 1	4/9/2009	17:00	3.90					
Intake Unit 2	4/9/2009	17:00	4.69		1			
Intake Unit 2	4/9/2009	17:00	3.46					
Intake Unit 3	4/9/2009	17:00	4.34		3			
Intake Unit 3	4/9/2009	17:00	3.55					
Intake Unit 1	4/10/2009	14:00	3.93		2			
Intake Unit 1	4/10/2009	14:00	3.07					
Intake Unit 2	4/10/2009	14:00	4.34		2			
Intake Unit 2	4/10/2009	14:00	3.19					
Intake Unit 3	4/10/2009	14:00	4.13		2			
Intake Unit 3	4/10/2009	14:00	2.95					
Intake Unit 3	4/11/2009	11:30	4.22		1			
Intake Unit 3	4/11/2009	11:30	3.06					
Intake Unit 2	4/11/2009	11:30	4.30		4			
Intake Unit 2	4/11/2009	11:30	3.26					
Intake Unit 1	4/11/2009	11:30	3.98		1			
Intake Unit 1	4/11/2009	11:30	3.10					
Intake Unit 1	4/12/2009	14:00	4.57		5	6.87	<	0.002
Intake Unit 1	4/12/2009	14:00	4.30					
Intake Unit 2	4/12/2009	14:00	3.82		3	6.97	<	0.002
Intake Unit 2	4/12/2009	14:00	3.55					
Intake Unit 3	4/12/2009	14:00	3.86		3	6.88	<	0.002
Intake Unit 3	4/12/2009	14:00	3.45					
Outlet 3rd Portage	4/12/2009	14:00	2.01		3			
Outlet East Dike	4/12/2009	17:00	1.18		2	6.70	<	0.002
Intake Unit 1	4/13/2009	16:00	4.65	<	1			
Intake Unit 1	4/13/2009	16:00	4.02					
Intake Unit 2	4/13/2009	16:00	4.85		3			
Intake Unit 2	4/13/2009	16:00	4.67					
Intake Unit 3	4/13/2009	16:00	4.57		1			
Intake Unit 3	4/13/2009	16:00	4.49					
Intake Unit 1	4/14/2009	8:30	4.05		1			
Intake Unit 1	4/14/2009	8:30	3.50					
Intake Unit 2	4/14/2009	8:30	3.92	<	1			
Intake Unit 2	4/14/2009	8:30	3.01					
Intake Unit 3	4/14/2009	8:30	3.84		1			
Intake Unit 3	4/14/2009	8:30	3.21					
Intake Unit 5	4/14/2009	17:30	4.08		2			0.119

Sample ID	Date	Time	Turbidity result	TSS result		pH	Al	
	dd/mm/yyyy	hh:mm	NTU	mg/L			mg/L	
Intake Unit 5	4/14/2009	17:30	3.67					
Intake Unit 1	4/14/2009	17:00	4.18					
Intake Unit 1	4/14/2009	17:00	3.83					
Intake Unit 2	4/14/2009	17:00	4.05					
Intake Unit 2	4/14/2009	17:00	3.28					
Intake Unit 3	4/14/2009	17:00	4.12					
Intake Unit 3	4/14/2009	17:00	3.33					
Intake Unit 1	4/15/2009	10:30	5.11	<	1			
Intake Unit 1	4/15/2009	10:30	4.05					
Intake Unit 2	4/15/2009	10:30	5.22	<	1			
Intake Unit 2	4/15/2009	10:30	4.07					
Intake Unit 3	4/15/2009	10:30	5.04		2			
Intake Unit 3	4/15/2009	10:30	4.03					
Intake Unit 5	4/15/2009	10:30	5.49		2			
Intake Unit 5	4/15/2009	10:30	4.02					
Intake Unit 1	4/16/2009	10:00	5.06		1			
Intake Unit 1	4/16/2009	10:00	4.25					
Intake Unit 2	4/16/2009	10:00	5.23	<	1			
Intake Unit 2	4/16/2009	10:00	4.23					
Intake Unit 3	4/16/2009	10:00	4.74	<	1			
Intake Unit 3	4/16/2009	10:00	3.86					
Intake Unit 5	4/16/2009	10:00	5.13		2			
Intake Unit 5	4/16/2009	10:00	3.85					
Intake Unit 1	4/17/2009	9:30	4.71		4			
Intake Unit 1	4/17/2009	9:30	4.18					
Intake Unit 2	4/17/2009	9:30	5.09	<	1			
Intake Unit 2	4/17/2009	9:30	4.21					
Intake Unit 3	4/17/2009	9:30	4.67	<	1			
Intake Unit 3	4/17/2009	9:30	3.89					
Intake Unit 5	4/17/2009	9:30	4.81		4			
Intake Unit 5	4/17/2009	9:30	3.76					
Intake Unit 1	4/17/2009	17:00	4.45					
Intake Unit 1	4/17/2009	17:00	3.60					
Intake Unit 2	4/17/2009	17:00	4.92	<	1			
Intake Unit 2	4/17/2009	17:00	3.52					
Intake Unit 3	4/17/2009							
Intake Unit 3	4/17/2009							
Intake Unit 5	4/17/2009	17:00	4.82		1			
Intake Unit 5	4/17/2009	17:00	3.06					
Intake Unit 1	4/18/2009	9:30	3.01		2			
Intake Unit 2	4/18/2009	9:30	2.84		2			
Intake Unit 3	4/18/2009	9:30	2.75		1			

Sample ID	Date	Time	Turbidity result	TSS result		pH	Al	
	dd/mm/yyyy	hh:mm	NTU	mg/L			mg/L	
Intake Unit 5	4/18/2009	9:30	2.95	<	1			
Intake Unit 1	4/20/2009	14:00	4.20	<	1			0.126
Intake Unit 2	4/20/2009	14:00	4.18	<	1			0.111
Intake Unit 3	4/20/2009	14:00	4.05		4			0.131
Intake Unit 5	4/20/2009	14:00	4.36	<	1			0.158
Outlet 3rd Portage	4/20/2009	14:00						
Outlet East Dike	4/20/2009	14:00	2.80		7			
Intake Unit 1	4/21/2009	10:00	4.01		1			
Intake Unit 2	4/21/2009	10:00	4.35		10			
Intake Unit 3	4/21/2009	10:00	4.06		2			
Intake Unit 5	4/21/2009	10:00	3.91		6			
Outlet 3rd Portage	4/21/2009	10:00	1.67		3			
Intake Unit 1	4/22/2009	9:00	3.93		4			
Intake Unit 2	4/22/2009	9:00	4.21		2			
Intake Unit 3	4/22/2009	9:00	4.15		2			
Intake Unit 5	4/22/2009	9:00	3.45		2			
Intake Unit 1	4/23/2009	18:00	3.37		2			
Intake Unit 2	4/23/2009	18:00	3.52		4			
Intake Unit 3	4/23/2009	18:00	3.46		2			
Intake Unit 5	4/23/2009	18:00	3.23		1			
Intake Unit 1	4/24/2009	10:30	3.57		1			
Intake Unit 2	4/24/2009	10:30	3.63		2			
Intake Unit 3	4/24/2009	10:30	3.39		1			
Intake Unit 5	4/24/2009	10:30	3.31		2			
Intake Unit 1	4/24/2009	17:00	3.18					
Intake Unit 2	4/24/2009	17:00	3.43					
Intake Unit 3	4/24/2009	17:00	3.53					
Intake Unit 5	4/24/2009	17:00	3.06					
Intake Unit 1	4/25/2009	10:00	3.31	<	1			
Intake Unit 2	4/25/2009	10:00	3.45		1			
Intake Unit 3	4/25/2009	10:00	3.22	<	1			
Intake Unit 5	4/25/2009	10:00	2.98		2			
Intake Unit 1	4/26/2009	18:00	3.40	<	1			
Intake Unit 2	4/26/2009	17:00	3.62		1			
Intake Unit 3	4/26/2009	17:00	3.27		1			
Intake Unit 5	4/26/2009	17:00	4.32		2			
Outlet 3rd Portage	4/26/2009	17:00	0.40	<	1			
Outlet East Dike	4/26/2009	18:00	0.54		2			
Intake Unit 1	4/27/2009	10:45	3.69	<	1			
Intake Unit 2	4/27/2009	10:45	3.60	<	1			
Intake Unit 3	4/27/2009	10:45	3.53	<	3			

Sample ID	Date	Time	Turbidity result	TSS result		pH	Al	
	dd/mm/yyyy	hh:mm	NTU	mg/L			mg/L	
Intake Unit 5	4/27/2009	10:45	3.32	<	1			
Intake Unit 1	4/27/2009	18:15	3.45					
Intake Unit 2	4/27/2009	18:15	3.63					
Intake Unit 3	4/27/2009	18:15	3.39					
Intake Unit 5	4/27/2009	18:15	2.95					
Intake Unit 1	4/28/2009	15:00	3.81	<	1			
Intake Unit 2	4/28/2009	15:00	4.08		2			
Intake Unit 3	4/28/2009	15:00	4.41		2			
Intake Unit 5	4/28/2009	15:00	3.18		1			
Intake Unit 6	4/28/2009	15:00	3.38		2			
Intake Unit 1	4/29/2009	10:00	3.20	<	1	6.81		0.108
Intake Unit 2	4/29/2009	10:00	3.78	<	1	6.83		
Intake Unit 3	4/29/2009	10:00	3.96	<	1	6.84		0.080
Intake Unit 5	4/29/2009	10:00	3.54	<	1	6.90		0.070
Intake Unit 6	4/29/2009	10:00	2.93	<	1	6.88		0.096
Intake Unit 1	4/29/2009	17:00	3.09					
Intake Unit 2	4/29/2009	17:00	3.84					
Intake Unit 3	4/29/2009	17:00	3.25					
Intake Unit 5	4/29/2009	17:00	2.96					
Intake Unit 6	4/29/2009	17:00	3.19					
Intake unit 5	4/30/2009	17:00		<	1			
Intake unit 6	4/30/2009	17:00		<	1			

SECTION 3 • WATER MANAGEMENT

3.1 WATER USAGE

Under Water License 2AM-MEA0815, the total water consumption limit for the Meadowbank Project is 700,000 m^3/year or 58,333 m^3/month for batch plant, domestic and milling water use. During April, the average number of people on site by day was 336. The total consumption of water for the camp, the batch plant and the mine site was 2,456 m^3 for the month, an average of 82 m^3 /day.

Table 3.1: April 2009 Water Consumption

	Water Usage (m^3)
Batch Plant	564
Water Treatment Plant	1,892
Total for the Site	**2,456**

3.2 SEWAGE TREATMENT PLANT MONITORING

At the sewage treatment plant (STP), two systems are now in operation - the Seprotech L333 and the two Little John LJ100s. Four water samples were taken at the two effluents. The results showed the two sewage treatment plants are working well. The two Little John LJ100s are in recirculation mode. Camp capacity is estimated at 700 people with these two systems.

Table 3.2: April 2009 STP Effluent Results

Station: STP-OUT

Parameter	**4/6/2009**	**4/13/2009**	**4/20/2009**	**4/27/2009**
NH3-NH4 (mg/L)	16.2	16	35.8	40.4
DBO-5 (mg/L)	5	3	5	13
COD (mg/L)	68	69	129	84
TSS (mg/L)	15	4	13	8
NO2-NO3 (mg N/L)	38.3	37.3	55.7	54.7
P tot (mg P/L)	17.6	15.2	14.3	14
Fecal Coliform (UFC/ 100mL)	0	4	0	14
Total Coliform (UFC /100mL)	60	600	1400	1,900
Atypical Colony (UFC /100mL)	970	7200	800	17,100

Station: Little John

Parameter	4/6/2009	4/13/2009	4/20/2009	4/27/2009
NH3-NH4 (mg/L)	16.7	28.5	36.6	23.3
DBO-5 (mg/L)	36	42	9	16
COD (mg/L)	96	139	108	97
TSS (mg/L)	55	25	31	13
NO2-NO3 (mg N/L)	25	21.3	57.5	36.6
P tot (mg P/L)	17.5	15.7	13.7	14.4
Fecal Coliform (UFC/ 100mL)	<100	4	<10	<10
Total Coliform (UFC /100mL)	14000	600	4,000	<1,000
Atypical Colony (UFC /100mL)	>200000	11200	49,000	103,000

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. Table 4.1 summarizes the AEM Internal spill reports for April.

Table 4.1: Summary of April 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
04-2009-01	4/4/2009	Antifreeze	8 L	AWR between km 83-84	Unknown (spill was found on the road)	Contaminated soil removed and taken to Quarry 22	No
04-2009-02	4/4/2009	Diesel	4 m^3 area	Road between batch plant and laydown3	Unknown	Contaminated soil was removed	No
04-2009-03	4/4/2009	Diesel	70 L	Dewatering fuel tank for pumps	Tank was over filled by the fuel truck operator	Absorbent sheets placed under tank to contain spill. Contaminated snow taken to contaminated snowcell	No
04-2009-04	4/5/2009	Hydraulic oil	1 L	Ice road	Hose burst	Cleaned up with spill kit. Contaminated material taken to hazardous materials storage area	No
04-2009-06	4/10/2009	Diesel	20 L	Drill patern	Fast fill breather mechanically defective; will be repaired	Absorbent sheets applied. Contaminated snow taken to contaminated snowcell	No
04-2009-07	4/11/2009	Hydraulic oil	4 L	East Dike (middle)	Cylinder packing burst	Contaminated snow taken to the contaminated snow cell	No
04-2009-08	4/13/2009	Waste oil	20 L	Inside blue coverall	Valve not properly closed	Closed the valve and wiped the floor with absorbent pads. Contaminated pads taken to hazardous materials storage area	No
04-2009-09	4/14/2009	Diesel	20 L	New Incinerator	Hose fell out from tank while operator was on break and acted as a syphon onto the cement floor	Advised operator to remove pump intake from liquid when not pumping. Operating procedure revised. Absorbent sheets applied then placed into the new incinerator to be burned	No

04-2009-10	4/21/2009	Diesel	40 L	Reclaim tunnel	Equipment flipped over on its side, causing fuel to seep through filler cap	Contained fuel spill after equipment flipped on its side. Excavated and hauled contaminated material to Quarry 22: approx 1 x 20 tonner load (1 x Euclid truck)	No
04-2009-11	4/17/2009	Hydraulic oil	10 L	North portage pit	Hose leak	Absorbent sheets applied. Contaminated snow and rock put into an empty 5 gal that was taken to the hazardous materials storage area	No
04-2009-12	4/16/2009	Transmission oil	6 L	North portage pit	Pick-up rolled over a rock and broke the oil filter	Absorbent sheets applied. Contaminated snow taken to contaminated snowcell	No
04-2009-13	4/22/2009	Hydraulic oil	50 L	180 men camp	Broken hose	Contaminated snow taken to the contaminated snow cell	No
04-2009-14	4/27/2009	Diesel	$8m^3$ area	Between batch plant and washroom unit	Unknown	Contaminated soil removed and taken to Quarry 22	No
04-2009-15	4/28/2009	Diesel	1 m^3 area	Road in front of Talbon shop	Unknown	Contaminated soil removed and taken to Quarry 22	No