

October 29, 2010

Via Email and Xpresspost

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

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

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MEADOWBANK GOLD PROJECT

Monitoring Program Summary Report

September 2010

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 and monitoring activity at the mine site for the month of September 2010. This activity includes: water usage and sewage treatment plant, dewatering and dike construction monitoring.

Additionally, a summary of the AEM internal spill reporting for the month is included.

SECTION 2 • WATER MANAGEMENT

2.1 WATER USAGE

Freshwater usage for the month totals 95,228 m³ and is summarized in Table 2.1 below. The consumption of fresh water for the mill and dust control was 91,838 m³ and the consumption of reclaim water was 187,311 m³.

Table 2-1: September 2010 Freshwater Usage

| | Water usage (m³) |
|---|------------------------------------|
| Batch Plant (m ³) | 0 |
| Water Treatment Plant (m ³) | 3,214 |
| Mill and Dust Control (m ³) | 91,838 |
| Emulsion plant (m ³) | 176 |
| Total for the month (m³) | 95,228 |
| Year to date (m³) | 903,824 |
| Maximum Allowable Limit (m³/year) | 700,000 |

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: September 2010 STP Effluent Results

| Parameter | 06-Sep-10 | 13-Sep-10 | 20-Sep-10 | 27-Sep-10 |
|-----------------------------|------------------|------------------|------------------|------------------|
| NH3-NH4 (mg/L) | 24.0 | 23.3 | 25.4 | 23.9 |
| BOD-5 (mg/L) | 7 | 8 | 8 | 32 |
| COD (mg/L) | 73 | 69 | 49 | 98 |
| TSS (mg/L) | 16 | 15 | 10 | 7 |
| NO2-NO3 (mg N/L) | 48.7 | 49.7 | 50.2 | 39.2 |
| pH (mg/L) | 5.10 | 4.22 | 4.06 | 6.56 |
| P tot (mg P/L) | 13.2 | 12.6 | 14.1 | 14.5 |
| Fecal Coliform (UFC/100mL) | 32 | < 4 | < 4 | 152 |
| Total Coliform (UFC/100mL) | 200 | < 100 | 200 | 1,200 |
| Atypical Colony (UFC/100mL) | 1,600 | 200 | 300 | 6,000 |

2.3 DEWATERING OF SECOND PORTAGE ARM

Water quality monitoring for the Second Portage Arm dewatering project continued throughout September.

The pH and Aluminum concentrations at the outlet of the TSS treatment plants were as follows:

- pH 24 hour minimum/maximum: 6.37/6.63 units (Limit is 6-9 units)
- Al 24 hour maximum concentration: 1.25 mg/L (Limit is 1.5 mg/L)

Table 2.3 summarizes the September dewatering monitoring results for pH and Aluminum.

Table 2-3: September 2010 Dewatering Monitoring – pH and Al

| Date | DD-WTP-01 | | DD-WTP-02 | | 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 |
| 2010-09-06 | 6.63 | 1.20 | | | 6.63 | 1.20 |
| 2010-09-08 | 6.37 | | | | 6.37 | |
| 2010-09-13 | 6.59 | 1.10 | | | 6.59 | 1.10 |
| 2010-09-15 | 6.44 | | | | 6.44 | |
| 2010-09-20 | 6.64 | 1.25 | | | 6.64 | 1.25 |
| 2010-09-22 | 6.55 | | | | 6.55 | |

The turbidity and Total Suspended Solids (TSS) concentrations at the outlet of the TSS treatment plants were as follows:

- NTU 24 hour mean maximum concentration: 5.9 NTU (Maximum Limit is 30 NTU)
- TSS 24 hour mean maximum concentration: 14 mg/L (Maximum Limit is 22.5 mg/L)
- NTU 30 days mean concentration: 6.0 NTU (Maximum Limit is 15 NTU)
- TSS 30 days mean concentration: 13 mg/L (Maximum Limit is 15 mg/L)

Table 2.4 summarizes the September dewatering monitoring results for turbidity and TSS.

Table 2-4: September 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 | NTU | mg/L | NTU | mg/L |
| 2010-09-01 | 5.0 | 9 | Not in operation | | 5.0 | 9 | 5.3 | 13 |
| 2010-09-02 | 5.7 | 12 | Not in operation | | 5.7 | 12 | 5.3 | 13 |
| 2010-09-03 | 5.2 | 10 | Not in operation | | 5.2 | 10 | 5.3 | 13 |
| 2010-09-04 | 5.1 | 10 | Not in operation | | 5.1 | 10 | 5.3 | 13 |
| 2010-09-05 | 5.8 | 7 | Not in operation | | 5.8 | 7 | 5.4 | 13 |
| 2010-09-06 | 5.9 | 11 | Not in operation | | 5.9 | 11 | 5.5 | 12 |
| 2010-09-07 | 5.6 | 13 | Not in operation | | 5.6 | 13 | 5.5 | 13 |
| 2010-09-08 | 5.6 | 8 | Not in operation | | 5.6 | 8 | 5.6 | 13 |
| 2010-09-09 | 5.8 | 8 | Not in operation | | 5.8 | 8 | 5.7 | 13 |
| 2010-09-10 | 5.1 | 8 | Not in operation | | 5.1 | 8 | 5.7 | 13 |
| 2010-09-11 | 5.8 | 8 | Not in operation | | 5.8 | 8 | 5.8 | 13 |
| 2010-09-12 | 5.6 | 7 | Not in operation | | 5.6 | 7 | 5.8 | 12 |
| 2010-09-13 | 5.4 | 8 | Not in operation | | 5.4 | 8 | 5.9 | 12 |
| 2010-09-14 | 5.0 | 7 | Not in operation | | 5.0 | 7 | 5.9 | 12 |
| 2010-09-15 | 4.3 | 10 | Not in operation | | 4.3 | 10 | 6.0 | 12 |
| 2010-09-16 | Not in operation | | Not in operation | | | | | |
| 2010-09-17 | 5.1 | 8 | Not in operation | | 5.1 | 8 | 6.0 | 12 |
| 2010-09-18 | 4.8 | 14 | Not in operation | | 4.8 | 14 | 6.0 | 12 |
| 2010-09-19 | 4.8 | 8 | Not in operation | | 4.8 | 8 | 5.9 | 12 |
| 2010-09-20 | 4.8 | 9 | Not in operation | | 4.8 | 9 | 6.0 | 10 |
| 2010-09-21 | 4.5 | 11 | Not in operation | | 4.5 | 11 | 5.8 | 10 |
| 2010-09-22 | 4.7 | 10 | Not in operation | | 4.7 | 10 | 5.7 | 10 |
| 2010-09-23 | 4.6 | 11 | Not in operation | | 4.6 | 11 | 5.4 | 10 |
| 2010-09-24 | 4.4 | 12 | Not in operation | | 4.4 | 12 | 5.5 | 10 |
| 2010-09-25 | Not in operation | | Not in operation | | | | | |
| 2010-09-26 | Not in operation | | Not in operation | | | | | |
| 2010-09-27 | Not in operation | | Not in operation | | | | | |
| 2010-09-28 | Not in operation | | Not in operation | | | | | |
| 2010-09-29 | Not in operation | | Not in operation | | | | | |
| 2010-09-30 | Not in operation | | Not in operation | | | | | |

2.4 DIKE CONSTRUCTION MONITORING

Construction and monitoring of Bay Goose dike continued throughout September 2010

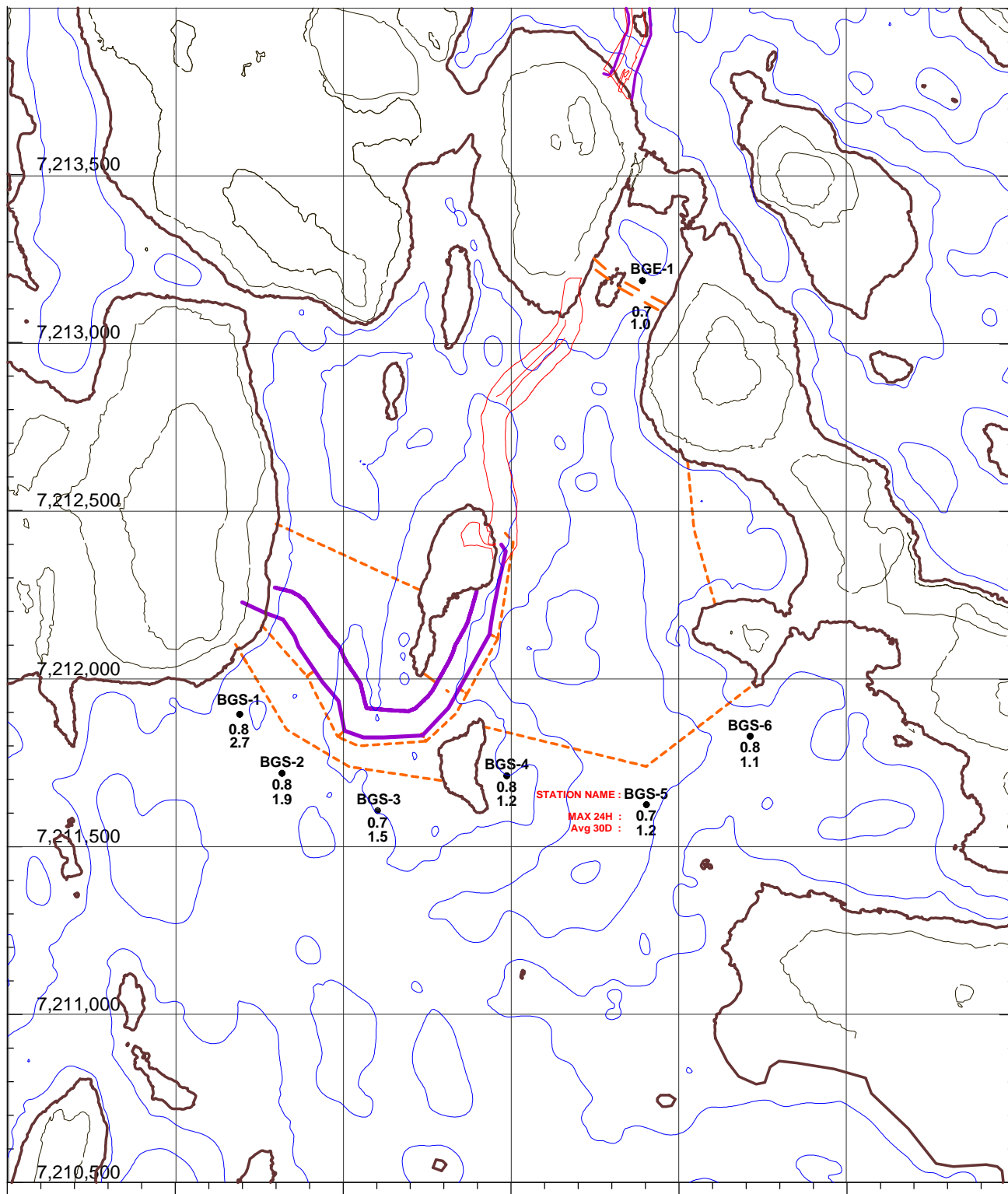
The TSS concentrations for the Bay Goose dike construction were as follows:

- Maximum short-term (24 hour) TSS concentration from monitoring stations BGE-1, BGS-1, BGS-2, BGS-5 and BGS-6 on the Bay Goose dike was 6.7 mg/L (Maximum Limit is 50 mg/L)
- Maximum short-term (24 hour) TSS concentration from monitoring stations BGS-3 and BGS-4 on the Bay Goose dike was 3.4 mg/L (Maximum Limit is 50 mg/L, after September 1 the Maximum Limit is 25 due to the proximity of High Value Habitat)
- Maximum 30 day mean TSS concentration from monitoring stations BGE-1, BGS-1, BGS-2, BGS-5 and BGS-6 on the Bay Goose dike was 6.0 mg/L (Maximum Limit is 15 mg/L)
- Maximum 30 day mean TSS concentration from monitoring stations BGS-3 and BGS-4 on the Bay Goose dike was 1.8 mg/L (Maximum Limit is 15 mg/L, after September 1 the Maximum Limit is 6 due to the proximity of High Value Habitat)

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

Table 2.5: September 2010 Dike Construction Monitoring Results

| Date | BGE-1 | | | | | BGS-1 | | | | | BGS-2 | | | | | BGS-3 | | | | | BGS-4 | | | | | BGS-5 | | | | | BGS-6 | | | | |
|------------|---------------------|---------------------|----------------------|---------|-----------|---------------------|---------------------|----------------------|---------|-----------|---------------------|---------------------|----------------------|---------|-----------|---------------------|---------------------|----------------------|---------|-----------|---------------------|---------------------|----------------------|---------|-----------|---------------------|---------------------|----------------------|---------|-----------|---------------------|---------------------|----------------------|---------|-----------|
| | Max NTU of day NTU | Max TSS of day mg/L | TSS 30 day Mean mg/L | Easting | Northing | Max NTU of day NTU | Max TSS of day mg/L | TSS 30 day Mean mg/L | Easting | Northing | Max NTU of day NTU | Max TSS of day mg/L | TSS 30 day Mean mg/L | Easting | Northing | Max NTU of day NTU | Max TSS of day mg/L | TSS 30 day Mean mg/L | Easting | Northing | Max NTU of day NTU | Max TSS of day mg/L | TSS 30 day Mean mg/L | Easting | Northing | Max NTU of day NTU | Max TSS of day mg/L | TSS 30 day Mean mg/L | Easting | Northing | Max NTU of day NTU | Max TSS of day mg/L | TSS 30 day Mean mg/L | Easting | Northing |
| 2010-09-01 | 6.2 | 1.5 | 1.5 | 639,391 | 7,213,184 | 22.5 | 5.8 | 5.2 | 638,192 | 7,211,894 | 8.0 | 2.0 | 1.4 | 638,318 | 7,211,718 | 6.6 | 1.6 | 1.3 | 638,603 | 7,211,607 | 6.2 | 1.5 | 1.4 | 638,987 | 7,211,711 | 6.6 | 1.6 | 2.2 | 639,403 | 7,211,625 | 6.5 | 1.6 | 1.3 | 639,712 | 7,211,828 |
| 2010-09-02 | 5.9 | 1.4 | 1.5 | 639,391 | 7,213,184 | 10.5 | 2.6 | 5.2 | 638,192 | 7,211,894 | 9.4 | 2.3 | 1.5 | 638,318 | 7,211,718 | 9.9 | 2.5 | 1.3 | 638,603 | 7,211,607 | 6.4 | 1.6 | 1.4 | 638,987 | 7,211,711 | 6.3 | 1.5 | 2.2 | 639,403 | 7,211,625 | 6.3 | 1.5 | 1.4 | 639,712 | 7,211,828 |
| 2010-09-03 | 5.7 | 1.4 | 1.6 | 639,391 | 7,213,184 | 18.9 | 4.8 | 5.4 | 638,192 | 7,211,894 | 7.9 | 1.9 | 1.5 | 638,318 | 7,211,718 | 5.5 | 1.3 | 1.4 | 638,603 | 7,211,607 | 6.3 | 1.5 | 1.5 | 638,987 | 7,211,711 | 6.3 | 1.5 | 2.3 | 639,403 | 7,211,625 | 6.1 | 1.5 | 1.4 | 639,712 | 7,211,828 |
| 2010-09-04 | 5.1 | 1.2 | 1.6 | 639,391 | 7,213,184 | 15.3 | 3.9 | 5.5 | 638,192 | 7,211,894 | 7.0 | 1.7 | 1.6 | 638,318 | 7,211,718 | 6.8 | 1.7 | 1.4 | 638,603 | 7,211,607 | 5.7 | 1.4 | 1.5 | 638,987 | 7,211,711 | 5.9 | 1.4 | 2.3 | 639,403 | 7,211,625 | 5.5 | 1.3 | 1.5 | 639,712 | 7,211,828 |
| 2010-09-05 | 5.0 | 1.2 | 1.7 | 639,391 | 7,213,184 | 25.7 | 6.7 | 5.7 | 638,192 | 7,211,894 | 9.9 | 2.5 | 1.7 | 638,318 | 7,211,718 | 6.3 | 1.5 | 1.5 | 638,603 | 7,211,607 | 5.0 | 1.2 | 1.5 | 638,987 | 7,211,711 | 5.7 | 1.4 | 2.2 | 639,403 | 7,211,625 | 5.1 | 1.2 | 1.5 | 639,712 | 7,211,828 |
| 2010-09-06 | 4.5 | 1.1 | 1.7 | 639,391 | 7,213,184 | 19.0 | 4.9 | 5.8 | 638,192 | 7,211,894 | 14.2 | 3.6 | 1.8 | 638,318 | 7,211,718 | 7.1 | 1.7 | 1.5 | 638,603 | 7,211,607 | 5.3 | 1.3 | 1.6 | 638,987 | 7,211,711 | 5.1 | 1.2 | 2.1 | 639,403 | 7,211,625 | 5.2 | 1.3 | 1.5 | 639,712 | 7,211,828 |
| 2010-09-07 | 4.7 | 1.1 | 1.7 | 639,391 | 7,213,184 | 15.4 | 3.9 | 5.9 | 638,192 | 7,211,894 | 15.5 | 3.9 | 1.9 | 638,318 | 7,211,718 | 10.5 | 2.6 | 1.6 | 638,603 | 7,211,607 | 5.0 | 1.2 | 1.6 | 638,987 | 7,211,711 | 5.1 | 1.2 | 2.0 | 639,403 | 7,211,625 | 4.6 | 1.1 | 1.6 | 639,712 | 7,211,828 |
| 2010-09-08 | 4.6 | 1.1 | 1.6 | 639,391 | 7,213,184 | 14.2 | 3.6 | 6.0 | 638,192 | 7,211,894 | 13.2 | 3.3 | 2.0 | 638,318 | 7,211,718 | 13.6 | 3.4 | 1.7 | 638,603 | 7,211,607 | 5.0 | 1.2 | 1.6 | 638,987 | 7,211,711 | 5.9 | 1.4 | 1.9 | 639,403 | 7,211,625 | 5.2 | 1.3 | 1.5 | 639,712 | 7,211,828 |
| 2010-09-09 | 4.2 | 1.0 | 1.6 | 639,391 | 7,213,184 | 11.9 | 3.0 | 5.9 | 638,192 | 7,211,894 | 11.2 | 2.8 | 2.1 | 638,318 | 7,211,718 | 5.0 | 1.2 | 1.7 | 638,603 | 7,211,607 | 5.1 | 1.2 | 1.6 | 638,987 | 7,211,711 | 4.7 | 1.1 | 1.9 | 639,403 | 7,211,625 | 5.0 | 1.2 | 1.5 | 639,712 | 7,211,828 |
| 2010-09-10 | 3.7 | 0.9 | 1.6 | 639,391 | 7,213,184 | 10.0 | 2.5 | 5.5 | 638,192 | 7,211,894 | 9.8 | 2.4 | 2.1 | 638,318 | 7,211,718 | 6.6 | 1.6 | 1.8 | 638,603 | 7,211,607 | 4.6 | 1.1 | 1.6 | 638,987 | 7,211,711 | 4.5 | 1.1 | 1.8 | 639,403 | 7,211,625 | 4.4 | 1.1 | 1.5 | 639,712 | 7,211,828 |
| 2010-09-11 | 3.5 | 0.8 | 1.6 | 639,391 | 7,213,184 | 10.0 | 2.5 | 5.2 | 638,192 | 7,211,894 | 6.7 | 1.6 | 2.2 | 638,318 | 7,211,718 | 4.2 | 1.0 | 1.8 | 638,603 | 7,211,607 | 4.3 | 1.0 | 1.6 | 638,987 | 7,211,711 | 4.3 | 1.0 | 1.7 | 639,403 | 7,211,625 | 4.2 | 1.0 | 1.5 | 639,712 | 7,211,828 |
| 2010-09-12 | 3.4 | 0.8 | 1.5 | 639,391 | 7,213,184 | 7.4 | 1.8 | 4.8 | 638,192 | 7,211,894 | 6.7 | 1.6 | 2.2 | 638,318 | 7,211,718 | 8.7 | 2.1 | 1.8 | 638,603 | 7,211,607 | 4.1 | 1.0 | 1.6 | 638,987 | 7,211,711 | 4.5 | 1.1 | 1.6 | 639,403 | 7,211,625 | 4.5 | 1.1 | 1.5 | 639,712 | 7,211,828 |
| 2010-09-13 | 3.7 | 0.9 | 1.5 | 639,391 | 7,213,184 | 6.4 | 1.6 | 4.3 | 638,192 | 7,211,894 | 6.2 | 1.5 | 2.2 | 638,318 | 7,211,718 | 4.5 | 1.1 | 1.8 | 638,603 | 7,211,607 | 4.3 | 1.0 | 1.6 | 638,987 | 7,211,711 | 5.8 | 1.4 | 1.6 | 639,403 | 7,211,625 | 4.6 | 1.1 | 1.5 | 639,712 | 7,211,828 |
| 2010-09-14 | 3.4 | 0.8 | 1.5 | 639,391 | 7,213,184 | 9.7 | 2.4 | 3.7 | 638,192 | 7,211,894 | 5.6 | 1.4 | 2.2 | 638,318 | 7,211,718 | 4.7 | 1.1 | 1.8 | 638,603 | 7,211,607 | 4.8 | 1.2 | 1.6 | 638,987 | 7,211,711 | 4.6 | 1.1 | 1.6 | 639,403 | 7,211,625 | 4.3 | 1.0 | 1.5 | 639,712 | 7,211,828 |
| 2010-09-15 | 3.5 | 0.8 | 1.5 | 639,391 | 7,213,184 | 11.9 | 3.0 | 3.6 | 638,192 | 7,211,894 | 7.9 | 1.9 | 2.3 | 638,318 | 7,211,718 | 4.5 | 1.1 | 1.8 | 638,603 | 7,211,607 | 4.2 | 1.0 | 1.6 | 638,987 | 7,211,711 | 4.4 | 1.1 | 1.6 | 639,403 | 7,211,625 | 4.0 | 1.0 | 1.5 | 639,712 | 7,211,828 |
| 2010-09-16 | 2.9 | 0.7 | 1.5 | 639,391 | 7,213,184 | 10.9 | 2.7 | 3.6 | 638,192 | 7,211,894 | 11.7 | 2.9 | 2.3 | 638,318 | 7,211,718 | 7.0 | 1.7 | 1.8 | 638,603 | 7,211,607 | 3.9 | 0.9 | 1.6 | 638,987 | 7,211,711 | 4.2 | 1.0 | 1.6 | 639,403 | 7,211,625 | 3.7 | 0.9 | 1.5 | 639,712 | 7,211,828 |
| 2010-09-17 | 3.2 | 0.8 | 1.4 | 639,391 | 7,213,184 | 8.8 | 2.2 | 3.6 | 638,192 | 7,211,894 | 8.7 | 2.1 | 2.3 | 638,318 | 7,211,718 | 8.6 | 2.1 | 1.8 | 638,603 | 7,211,607 | 3.6 | 0.9 | 1.6 | 638,987 | 7,211,711 | 4.5 | 1.1 | 1.6 | 639,403 | 7,211,625 | 3.7 | 0.9 | 1.5 | 639,712 | 7,211,828 |
| 2010-09-18 | No data - too windy | | | | | No data - too windy | | | | | No data - too windy | | | | | No data - too windy | | | | | No data - too windy | | | | | No data - too windy | | | | | No data - too windy | | | | |
| 2010-09-19 | 3.3 | 0.8 | 1.4 | 639,391 | 7,213,184 | 5.4 | 1.3 | 3.5 | 638,192 | 7,211,894 | 5.3 | 1.3 | 2.3 | 638,318 | 7,211,718 | 5.4 | 1.3 | 1.8 | 638,603 | 7,211,607 | 3.4 | 0.8 | 1.5 | 638,987 | 7,211,711 | 4.1 | 1.0 | 1.5 | 639,403 | 7,211,625 | 3.7 | 0.9 | 1.4 | 639,712 | 7,211,828 |
| 2010-09-20 | 3.5 | 0.8 | 1.4 | 639,391 | 7,213,184 | 4.8 | 1.2 | 3.5 | 638,192 | 7,211,894 | 4.8 | 1.2 | 2.3 | 638,318 | 7,211,718 | 3.6 | 0.9 | 1.8 | 638,603 | 7,211,607 | 4.0 | 1.0 | 1.5 | 638,987 | 7,211,711 | 4.1 | 1.0 | 1.5 | 639,403 | 7,211,625 | 3.9 | 0.9 | 1.4 | 639,712 | 7,211,828 |
| 2010-09-21 | 3.6 | 0.9 | 1.3 | 639,391 | 7,213,184 | 4.6 | 1.1 | 3.4 | 638,192 | 7,211,894 | 4.7 | 1.1 | 2.3 | 638,318 | 7,211,718 | 4.7 | 1.1 | 1.8 | 638,603 | 7,211,607 | 4.0 | 1.0 | 1.4 | 638,987 | 7,211,711 | 4.0 | 1.0 | 1.5 | 639,403 | 7,211,625 | 4.0 | 1.0 | 1.4 | 639,712 | 7,211,828 |
| 2010-09-22 | 3.8 | 0.9 | 1.2 | 639,391 | 7,213,184 | 4.7 | 1.1 | 3.3 | 638,192 | 7,211,894 | 4.5 | 1.1 | 2.2 | 638,318 | 7,211,718 | 4.5 | 1.1 | 1.7 | 638,603 | 7,211,607 | 3.9 | 0.9 | 1.4 | 638,987 | 7,211,711 | 3.9 | 0.9 | 1.4 | 639,403 | 7,211,625 | 4.0 | 1.0 | 1.3 | 639,712 | 7,211,828 |
| 2010-09-23 | 3.5 | 0.8 | 1.2 | 639,391 | 7,213,184 | 4.2 | 1.0 | 3.2 | 638,192 | 7,211,894 | 3.8 | 0.9 | 2.2 | 638,318 | 7,211,718 | 3.6 | 0.9 | 1.7 | 638,603 | 7,211,607 | 3.7 | 0.9 | 1.3 | 638,987 | 7,211,711 | 3.9 | 0.9 | 1.4 | 639,403 | 7,211,625 | 3.8 | 0.9 | 1.3 | 639,712 | 7,211,828 |
| 2010-09-24 | 3.4 | 0.8 | 1.2 | 639,391 | 7,213,184 | 3.9 | 0.9 | 3.0 | 638,192 | 7,211,894 | 3.8 | 0.9 | 2.1 | 638,318 | 7,211,718 | 3.5 | 0.8 | 1.7 | 638,603 | 7,211,607 | 3.7 | 0.9 | 1.3 | 638,987 | 7,211,711 | 3.9 | 0.9 | 1.3 | 639,403 | 7,211,625 | 3.6 | 0.9 | 1.3 | 639,712 | 7,211,828 |
| 2010-09-25 | 3.0 | 0.7 | 1.1 | 639,391 | 7,213,184 | 3.6 | 0.9 | 3.0 | 638,192 | 7,211,894 | 3.6 | 0.9 | 2.0 | 638,318 | 7,211,718 | 3.3 | 0.8 | 1.6 | 638,603 | 7,211,607 | 3.6 | 0.9 | 1.3 | 638,987 | 7,211,711 | 3.5 | 0.8 | 1.3 | 639,403 | 7,211,625 | 3.4 | 0.8 | 1.2 | 639,712 | 7,211,828 |
| 2010-09-26 | No data - too windy | | | | | No data - too windy | | | | | No data - too windy | | | | | No data - too windy | | | | | No data - too windy | | | | | No data - too windy | | | | | No data - too windy | | | | |
| 2010-09-27 | 3.3 | 0.8 | 1.1 | 639,391 | 7,213,184 | 3.3 | 0.8 | 2.9 | 638,192 | 7,211,894 | 3.3 | 0.8 | 2.0 | 638,318 | 7,211,718 | 3.2 | 0.8 | 1.6 | 638,603 | 7,211,607 | 3.5 | 0.8 | 1.2 | 638,987 | 7,211,711 | 3.6 | 0.9 | 1.3 | 639,403 | 7,211,625 | 3.7 | 0.9 | 1.2 | 639,712 | 7,211,828 |
| 2010-09-28 | No data - too windy | | | | | No data - too windy | | | | | No data - too windy | | | | | No data - too windy | | | | | No data - too windy | | | | | No data - too windy | | | | | No data - too windy | | | | |
| 2010-09-29 | 2.8 | 0.7 | 1.0 | 639,391 | 7,213,184 | 2.9 | 0.7 | 2.8 | 638,192 | 7,211,894 | 3.3 | 0.8 | 1.9 | 638,318 | 7,211,718 | 3.0 | 0.7 | 1.6 | 638,603 | 7,211,607 | 3.8 | 0.9 | 1.2 | 638,987 | 7,211,711 | 3.5 | 0.8 | 1.2 | 639,403 | 7,211,625 | 3.2 | 0.8 | 1.2 | 639,712 | 7,211,828 |
| 2010-09-30 | 3.0 | 0.7 | 1.0 | 639,391 | 7,213,184 | 3.3 | 0.8 | 2.7 | 638,192 | 7,211,894 | 3.3 | 0.8 | 1.9 | 638,318 | 7,211,718 | 3.0 | 0.7 | 1.5 | 638,603 | 7,211,607 | 3.2 | 0.8 | 1.1 | 638,987 | 7,211,711 | 3.1 | 0.7 | 1.2 | 639,403 | 7,211,625 | 3.2 | 0.8 | 1.1 | 639,712 | 7,211,828 |



637,500 638,000 638,500 639,000 639,500 640,000 640,500

NOTES:

FIELD READINGS BY AEM

REPORTED TSS IS THE MAXIMUM VALUE ALONG THE PROFILE

TURBIDITY-BASED ESTIMATES OF TOTAL SUSPENDED SOLIDS
(TSS in mg/L)

LIMIT 24 HOURS : 50 mg/L

LIMIT 30 DAYS Avg : 15 mg/L

AGNICO-EAGLE MINES LIMITED - MEADOWBANK DIVISION

BAY-GOOSE DIKE CONSTRUCTION

TSS MONITORING DURING CONSTRUCTION

DATE : 30-Sep-2010

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 September. No spills were reported to the GN spill hotline.

Table 3-1: Summary of September 2010 AEM Internal Spill Reports

| Date of Spill | Hazardous Material | Quantity | Location | Cause of spill | Clean-up action taken | Reported to Spill HotLine |
|---------------------------|-----------------------------|--------------|-------------------------------|------------------------|--|---------------------------|
| Since August 3, 2010 | Fuel | 5 drops/min | Emulsion plant | Broken gas line | The gas line was fixed; contaminated soil was taken to Quarry 22 | N |
| 2010-09-03 | Oil | ~ 5 to 10 L | North pit Crusher | Human Error | Contaminated soil was taken to Quarry 22 | N |
| 2010-09-03 | Fuel | ~ 5 to 10 L | Bay Goose Island | Human Error | Contaminated soil was taken to Quarry 22 | N |
| 2010-09-03 | Oil & Grease & Fuel | ~ 1 to 2 L | Emulsion plant | Equipment leak | Contaminated soil was taken to Quarry 22 | N |
| Unknown; Unreported spill | Grease | ~ 1 to 2 L | Fresh water barge parking lot | Equipment maintenance | Contaminated soil was taken to Quarry 22 | N |
| Unknown; Unreported spill | Grease & Fuel | ~ 5 to 10 L | Quarry 23 | Equipment maintenance | Contaminated soil was taken to Quarry 22 | N |
| Unknown; Unreported spill | Fuel & Oil | < 15L | New truck shop parking lot | Machinery leak | Contaminated soil was taken to Quarry 22 | N |
| Unknown; Unreported spill | Fuel & Oil & Radiator fluid | < 15 L | Old construction parking lot | Leaking pick-up(s) | Contaminated soil was taken to Quarry 22 | N |
| 2010-09-05 | Hydraulic oil | ~ 20 to 30 L | In front of the cold storage | Equipment maintenance | Contaminated soil was taken to Quarry 22 | N |
| 2010-09-10 | Oil | 20 L | Lay down operation 7 | Fork lift damaged tote | Absorbent pads used to clean area | N |

Type A Water License 2AM-MEA0815
Monitoring Program Summary Report

| | | | | | | |
|------------|----------------------|-------|---------------------|--|--|---|
| 2010-09-14 | Emulsifier N59-45 | < 40L | Lay down transit | A small hole in the bottom of a drum caused a leak inside the seacan | Emptied the seacan and used absorbent pads to clean up spill | N |
|------------|----------------------|-------|---------------------|--|--|---|