



AGNICO EAGLE

June 9, 2017

Re: Agnico Eagle Meadowbank Mine – East Dike Pond Discharge Total Suspended Solids Exceedance on May 9, 2017 - Follow up report

As required by Water License 2AM-MEA1525 Part H, Item 8b and Section 24(1)(a) of the Metal Mining Effluent Regulations, Agnico Eagle Mine Ltd. Meadowbank Division informed you via email on May 11 and 12, 2017, respectively, that the level of Total Suspended Solids (TSS) from the East Dike Discharge exceeded the limits, set out in Water License Part F Item 6 and MMER Schedule 4, of 30 mg/L for the maximum authorized concentration in a grab sample and of 15 mg/L for the maximum authorized monthly mean concentration.

As required by Water License 2AM-MEA1525 Part H, Item 8c and MMER Section 24 (2), please consider this letter as the written report describing the test results to be submitted 30 days after the tests have been completed.

Water discharge to Second Portage Lake for the regulatory East Dike Discharge has occurred since August 2015 without interruption and without any exceedance to one of the MMER regulated parameters set out in Water License Part F Item 6 and MMER Schedule 4. As required by Water License and MMER, weekly samples were taken and reported monthly via the NWB Monthly report and on a quarterly basis via the ECCC RISS system.

The East Dike Discharge effluent was sampled on May 9, 2017 at 8am CT. Laboratory result (laboratory certificate attach with this letter) of the May 9 sample was received on May 11 at 4:05pm. Result for total suspended solid (TSS) of 34 mg/L exceeds the regulatory limit of 30 mg/L maximum authorized concentration in a grab sample. East Dike Discharge to Second Portage Lake has been stopped on May 11, 6:40pm and has been directed to the Portage Pit. Based on a total flow of 990 m³ between May 9 8am and May 11 6:40pm, the quantity of TSS release is estimated at 33.66 kg. The 2:30 hours delay between receipt of the results and stop of the discharge is only due the operational constraint, i.e. adjustment of piping and valve to permit the discharge of the water back to Portage Pit. All mitigation measures have been done in a timely manner.

Results of April and first week of May are all below the authorized limits: April 3 (TSS – 8 mg/L), April 12 (TSS – 11 mg/L), April 17 (TSS – 11 mg/L), April 24 (TSS – 4 mg/L) and May 1 (TSS – 1 mg/L), with an average of 7 mg/L over this period of discharge. During this period, regulatory results were below the regulatory limit of 30 mg/L maximum authorized concentration and the maximum authorized monthly mean concentration of 15 mg/L. An average of 17.5 mg/L was recorded for May only (considering the result of 34 mg/L on May 9, 2017). Furthermore to regulatory sampling and as part of our internal monitoring to ensure the protection of the receiving environment, Agnico analysed on a weekly basis a TSS sample for our onsite laboratory, which is not accredited but provides real time data for guidance. Samples have been taken on April 7, 14, 21, 28, 30 and May 1 and 5. Results of these sampling were respectively 16.9 mg/L, 1.2 mg/L,



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4 mg/L, 20.2 mg/L, 2.7 mg/L, 4 mg/L and 10.8 mg/L. The average for this period of discharge is 8.5 mg/L, and of 7.4 mg/L for May only. During this period, internal results were below the regulatory limit of 30 mg/L maximum authorized concentration and the maximum monthly mean concentration of 15mg/L. All results before May 9, either from our onsite or accredited laboratory, do not permit to foresee the exceedance on May 9. Agnico Eagle associated this exceedance with the beginning of the freshet.

As of today, there is still no discharge from the East Dike Seepage to Second Portage Lake. Agnico Eagle has put in place a daily TSS monitoring program to follow the water quality. Once the results are satisfying for Agnico Eagle and compliant with the MMER and NWB Water License 2AM-MEA1525 regulation for a period judged acceptable for confirmation that the TSS level meets discharge criteria, the water discharge will resume in Second Portage Lake.

Given the short duration of discharge between the exceedance on May 9 and the stop of the discharge in the receiving environment on May 11, Agnico is confident that the aquatic environment was protected and not impacted. Core receiving environment monitoring in Second Portage Lake has been collected and will confirm these findings.

Should you have any questions regarding this report, please do not hesitate to contact the below.

Regards,

Agnico Eagle Mines Limited – Meadowbank Division

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Certificate # : VD000800

Client #: 990

Client Reference : ST-8/ST-MMER-3

CERTIFICATE OF ANALYSIS

Agnico Eagle Division Meadowbank

General Delivery

Baker Lake

Nunavut X0C 0A0

Project : 65°01'11.2"N 96°02'32"W

Sample # : B101233 (ST-8/ST-MMER-3)

Matrix : Water

Received on : 2017-05-09 11:31

Sampled on : 2017-05-09 8:00

Sampling site : ST-8/ST-MMER-3

Sampler : TT/FL

Parameter (laboratory method)	Method of reference	Result	Detection Limit	Unit	Norm/ Recom.	Date of analysis
Total suspended solids (M-SOLI-1.0) a 2		34	1	mg/L		2017-05-11

Blank

Parameter	Result
Total suspended solids	< 1

Reference material

Material	Reference	Parameter	Result	Expected value
STD-MES 250mg/L		Total suspended solids	269	250
STD-MES 25mg/L		Total suspended solids	29	25

Legend :

a : Parameter(s) accredited 2 : analysis made by H2Lab Laboratory at Val d'Or

The sample's appreciation and conformity towards established norms, if applicable, is based and limited to analyzed parameters. This report can't be reproduced, unless in whole, without prior written authorization from the laboratory. The results are related only to samples submitted for testing.