



NWB Tools

Richard Dwyer <richard.dwyer@nwb-oen.ca>

Reportable Spill at Whale Tail Project - 2022-04-03_WTP_Arsenic

Didham, Curtis (ECCC) <Curtis.Didham@ec.gc.ca>

Mon, May 2, 2022 at 9:42 AM

To: Eric Haley <eric.haley@agnicoeagle.com>, Meadowbank Reportable Spill <Meadowbank.reportable.spill@agnicoeagle.com>, Emily Koide <ekoide@nirb.ca>, "tarko@nirb.ca" <tarko@nirb.ca>, Curtis Didham <curtis.didham@canada.ca>, Christine Wilson <Christine.Wilson3@canada.ca>, "Seeteenak, Shauna (ECCC)" <Shauna.Seeteenak@ec.gc.ca>, "Arsenault, Robert (ECCC)" <Robert.Arsenault2@ec.gc.ca>, Jeff Hart <landsbaker@kivalliqinuit.ca>, "Amsel, Kyle" <Kyle.Amsel@rcaanc-cirnac.gc.ca>, Spills Govern <spills@gov.nt.ca>

Hi Eric,

You are right. My point 4 statement should read:

4. If it is determined that the maximum authorized concentration (60mg/l) of arsenic in a grab sample is exceeded or the maximum authorized monthly mean concentration (30mg/l) of arsenic is also exceeded from the April 24 & 25 grab samples then AEM should update the existing spill report providing MDMER section 24(1)(a) notification of maximum monthly mean concentration exceedance.

Regards,

Curtis

From: Eric Haley <eric.haley@agnicoeagle.com>

Sent: May 1, 2022 6:58 PM

To: Meadowbank Reportable Spill <Meadowbank.reportable.spill@agnicoeagle.com>; Emily Koide <ekoide@nirb.ca>; tarko@nirb.ca; Curtis Didham <curtis.didham@canada.ca>; Christine Wilson <Christine.Wilson3@canada.ca>; Seeteenak, Shauna (ECCC) <Shauna.Seeteenak@ec.gc.ca>; Arsenault, Robert (ECCC) <Robert.Arsenault2@ec.gc.ca>; Jeff Hart <landsbaker@kivalliqinuit.ca>; Amsel, Kyle <Kyle.Amsel@rcaanc-cirnac.gc.ca>; Spills Govern <spills@gov.nt.ca>

Subject: RE: [EXTERNAL] RE: Reportable Spill at Whale Tail Project - 2022-04-03_WTP_Arsenic

Hello Curtis,

Thanks for the reminder of the path forward if the MDMER sample result would cause an exceedance to the criteria outlined in Schedule 4, Table 2 of the regulations, and we intend to proceed accordingly. To clarify, Agnico Eagle's understanding of the applicable MDMER criteria is a max grab sample of Arsenic of 0.60mg/L, and a monthly mean average of 0.30mg/L.

In regards to the delay in reporting, this was caused by the delay in receiving the results from the laboratory. The results were sent to Agnico Eagle via email on the 28th at 15:38CT, and only first reviewed by Agnico Eagle between 21:00-22:00CT that night. Additional measures have since been implement to ensure a more prompt reaction. Agnico Eagle has requested an expedited analysis of the April 25th samples to the laboratory, and should receive the analysis prior to May 4th. Additional information will be included in the follow-up report.

Do not hesitate if you have any further questions or concerns,

Regards,

Eric Haley, Environmental General Supervisor

T. 819.759.3555 x4606491 | M. 819.651.1010

From: Didham,Curtis (ECCC) <Curtis.Didham@ec.gc.ca>

Sent: Friday, April 29, 2022 10:32 PM

To: Eric Haley <eric.haley@agnicoeagle.com>; Meadowbank Reportable Spill <Meadowbank.reportable.spill@agnicoeagle.com>; Emily Koide <ekoide@nirb.ca>; tarko@nirb.ca; Curtis Didham <curtis.didham@canada.ca>; Christine Wilson <Christine.Wilson3@canada.ca>; Seeteenak,Shauna (ECCC) <Shauna.Seeteenak@ec.gc.ca>; Arsenault,Robert (ECCC) <Robert.Arsenault2@ec.gc.ca>; Jeff Hart <landsbaker@kivalliqinuit.ca>; Amsel, Kyle <Kyle.Amsel@rcaanc-cirnac.gc.ca>

Subject: [EXTERNAL] RE: Reportable Spill at Whale Tail Project - 2022-04-03_WTP_Arsenic

CAUTION: EXTERNAL

Good afternoon Eric,

Thanks for providing this spill report exceedance notification.

If for some reason the lab results exceed the MDMER arsenic schedule 4, table 2 grab sample 60mg/l concentration please ensure:

1. As per MDMER ss. 24(2) please provide the chemistry and toxicity sampling results when submitting the follow up report.
2. As per MDMER 31.1 an acute lethality test will need to be taken at FDP ST-MMER-11 ASPA or once discharge is restarted?
3. If the toxicology test fails, AEM will need to update the existing spill report providing 24(1)(c) notification of the failure and also follow the requirements of section 15 regarding Increased Frequency of Acute Lethality Testing and also:
 - a. 15(1)(a): Conduct effluent characterization on each grab sample collected under ss. 14(1) and record concentrations of deleterious substances,
 - b. 15(1)(b): Collect a grab sample without delay and conduct an acute lethality test from the FDP.
 - c. 15(1)(b)&(c): Collect a grab sample twice a month and not less than 7 days apart, and conduct an acute lethality test from the FDP.

d. 15(2): pass 3 consecutive acute lethality tests before returning to normal frequency.

4. If it is determined that the arsenic grab sample (60mg/l) or Monthly Mean (45mg/l) is also exceeded from the April 24 & 25 grab samples AEM should update the existing spill report providing MDMER section 24(1)(a) notification of monthly mean exceedance.

5. Please ensure that this non-compliance is also identified in Whale Tails 2022 2nd Quarter MDMER MERS Effluent Monitoring Report that is required to be submitted by August 14, 2022.

6. Why is there a delay in reporting this under your water licence? Sampled on April 3rd and reported on April 29th.

Regards,

Curtis Didham

From: Eric Haley <eric.haley@agnicoeagle.com>

Sent: April 29, 2022 4:58 PM

To: Meadowbank Reportable Spill <Meadowbank.reportable.spill@agnicoeagle.com>; Emily Koide <ekoide@nirb.ca>; tarko@nirb.ca; Curtis Didham <curtis.didham@canada.ca>; Christine Wilson <Christine.Wilson3@canada.ca>; Seeteenak,Shauna (ECCC) <Shauna.Seeteenak@ec.gc.ca>; Arsenault,Robert (ECCC) <Robert.Arsenault2@ec.gc.ca>; Jeff Hart <landsbaker@kivalliqinuit.ca>; Amsel, Kyle <Kyle.Amsel@rcaanc-cirnac.gc.ca>

Subject: Reportable Spill at Whale Tail Project - 2022-04-03_WTP_Arsenic

Hello,

Attached is a spill report depicting a water license effluent exceedance, total arsenic, that occurred on April 3rd, 2022, at Agnico Eagle Mines, Ltd, Whale Tail Project.

This spill is being reported as required by:

- The Government of Nunavut's *Environmental Protection Act*, paragraph 5.1(a).
- The conditions under the Nunavut Water Board License 2AM-WTP1830, Part H, item 8 (b) pursuant to subsection 12(3) of the Nunavut Waters and Nunavut Surface Rights Tribunal Act.
- Subsections 38(5) of the *Fisheries Act*.

And by due diligence for Section 24 of the *Metal and Diamond Mining Effluent Regulations* pursuant to the *Fisheries Act*.

The exceedance occurred on the ST-WT-24 discharge, and possibly on ST-MDMER-11, into Whale Tail South Lake, on IOL.

A follow-up report will be submitted as required by Nunavut Water Board License 2AM-WTP1830, Part H, item 8 (c), Subsection 38(7) of the Fisheries Act and Section 31 of the Metal and Diamond Mining Effluent Regulations.

If you require further information or have questions, please do not hesitate to contact the undersigned.

Regards,



Eric Haley | Environment General Supervisor

eric.haley@agnicoeagle.com | Direct 819.759.3555 x4606491 | Mobile 819.651.1010

Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut,
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Sent from Amaruq