

2AM-MEL1631 Water Management Working Group (WMWG)

Date: June 25th, 2020

Attendees	
Name	Organization
Sergey Kuflevskiy	NWB
Luis Manzo	KivIA
Jeff Tulugak	KivIA
Ashley Aupaluktuk-Burton	KivIA
Jamie Quesnel	AEM
Jessica Huza	AEM
Sara Savoie	AEM
John Faithful	AEM (consultant)
Anne Wilson	ECCC
Eva Walker	ECCC

Teleconference Water Management Working Group

CP1 Level and Water Quality

June 25th, 2020 8:00 am – 8:20 am MST

Teleconference Call-In Information: Phone: 1-877-668-4493; Meeting Number: 160 161 3151

1. Update on CP1 Discharge

Jessica Huza opened the meeting and presented an update on discharge of CP1 which started June 5th 2020, namely:

- The daily discharge volume so far has been of approximately 13,000 m³/day compared to the target of 15,000 m³/day. Hence, the total monthly volume discharged to date is 255,000 m³, compared to the target volume of 450,000 m³).
- The MEL-14 TDS results are 2,570 mg/L, mid-field are approximately 35 mg/L and reference area are approximately 30-40 mg/L.
- The preliminary acute tox results received show a 100% survival rate for both *Daphnia magna* and Rainbow Trout.

Jessica then explained that even though the status of the ice cover around the diffuser is unstable and is limiting access to the mixing zone, three probes are located at three different locations within the mixing zone and are logging physico-chemical parameters.

Jessica shared that the current level in CP1 is below the emergency level but still higher than optimal, at just below 66 m. Since the June discharge volume is below the target of 450,000 m³, to maintain control of the CP1 level and account for precipitation inputs and potential disruptions due to maintenance work, AEM plans to discharge at up to the treatment plant's maximum rate of 22,000 m³ for the rest of the month. Even by ramping up the discharge volume to the treatment plant's maximum, the monthly discharge volume will remain under the 450,000 m³ target.

Jessica confirmed that Agnico Eagle would be issuing the daily discharge data and daily physico-chemical parameters (pH, temp, conductivity) as per the recent request for the month of June later in the day.

Sergey Kuflevskiy asked Agnico Eagle to confirm that Agnico Eagle is not planning to add to the July 2020 discharge the volume that was targeted but not discharge from June 2020, which Jessica confirmed.

2. Proposed Water Management Working Group Meeting on July 2nd 2020

Jessica mentioned that the chronic toxicity test preliminary results would be received early next week and that a preliminary report would be issued then. As the official report could take up to mid-July to be issued, Agnico Eagle proposed to hold the meeting July 2nd 2020 and discuss the results including the preliminary chronic toxicity report.

Anne Wilson agreed to this proposal. Sergey agreed as well, pending Richard Nesbitt's availability, which Agnico agreed to verify prior to setting the meeting date.

3. Closing questions and remarks

Anne inquired about answers to the comments provided on the WQMOP, Jamie Quesnel confirmed they would be answered later in the day.

Anne also asked about the ice status on CP1, Jessica mentioned that there was still quite a bit of ice in the middle and that pictures would be sent later today with the data. Jessica clarified that Agnico was able to draw water from under the ice since discharge was initiated therefore Agnico is unlikely to see a large rise in conductivity as the pond homogenizes.

Sergey asked if the lower discharge volume in June 2020 compared to target volume would result in higher discharge in September 2020. Jamie mentioned that should higher discharge volumes be required in September 2020, this would be discussed within the WMWG. Currently monthly discharge volumes are based on a mean year, therefore should a wet year be encountered in subsequent months, targets for monthly cumulative discharge volumes may require adjustment.

The meeting concluded at 8:20 MST.