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Water Licence 2AM-MEL1631

DATE: March 25, 2022

1501c Arviat

SUBJECT: KIA comments on Design Report Saline Effluent Treatment Plant (SETP-WTC) and the Operations and Maintenance Manual

The KIA has received the Design Report for the SETP-WTC, and has the following requests for clarification:

16L007016

Baker Lake

Please confirm the daily capacity of the SETP-WTC 1)

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Chesterfield

While the discfilter polishing can run at a maximum capacity of 20,000 m³/day, both intake lines (chlorine breaking and TSS removal) are limited to 12,000 m³/day. During normal operation, will the chlorine breaking and TSS removal lines each run at 10,000 m³/day? Is it anticipated that both lines will operate continuously, or will the breakpoint chlorination line be deactivated as needed?

2) When will the plant be operating at full capacity?

4-6-66

Inlet

Coral Harbour Though commissioning of the SETP-WTC is expected summer 2022, will the plant be running at full capacity immediately?

Will there be a reservoir of treated water stored at SP3 for eventual pipeline discharge to Melvin 3) Bay?

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If not, would short, unanticipated downtime of the SETP-WTC compromise the ability of the pipeline to discharge at full capacity?

4) Will the SETC-WTC be operational year-round, or only during the saline discharge window?

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Rankin Inlet

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Whale Cove

Please describe the sludge management process in more detail. 5)

In the document, Agnico Eagle states, "Sludge produced in the SETP-WTC and EWTP-WTC system will be stored in the sludge tank prior to being disposed in saline contact water ponds according to the site Water Management Plan." In which contact water ponds will sludge be stored? What is the plan for the sludge during closure and reclamation? What is the anticipated annual volume of sludge produced?

Thank you for the opportunity to participate in this review.

Luis Manzo, P.Ag.

Kivalliq Inuit Association



