



NWB Tools

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3AM-ARV2232: Arviat Abandoned Sewage Lagoon Cells Decanting

Karén Kharatyan <karen.kharatyan@nwb-oen.ca>

Fri, Feb 27, 2026 at 5:53 PM

To: Ryan Kum <RKum@gov.nu.ca>

Cc: Licensing Department <licensing@nwb-oen.ca>, Atuat Shouldice <atuat.shouldice@rcaanc-cirnac.gc.ca>, Chinedu Ibegbulem <Clbegbulem@gov.nu.ca>, Paul Clow <PClow@gov.nu.ca>, Megan Muckpah-Gavin <MGavin@gov.nu.ca>, Brian Aglukark <BAglukark2@gov.nu.ca>, MunicipalWorksDivision <municipalworksdivision@gov.nu.ca>

Hi Ryan,

If you are able to direct the discharge through the wetland and have the same final discharge point at ARV-4, the same criteria will be applicable.

If the final discharge point will be at a different location, the parameters included for ART-4 shall be sampled to make sure the respective limits are not exceeded before effluent is discharged into receiving environment.

I hope this helps,

Sent from my iPhone

On Feb 27, 2026, at 4:41 PM, 'Kum, Ryan' via Licensing Department <licensing@nwb-oen.ca> wrote:

Hello Atuat and the Nunavut Water Board,

Happy Friday!

The GN-TIN is working on the design of the upgraded solid waste facility in Arviat. As part the design work, our consultants expect they will need to dewater the abandoned lagoons this spring / summer to conduct geotechnical investigations. Would you be able to let us know what would be the appropriate environmental monitoring (sampling) plan to follow for this decant?

The compliance point for Arviat 3AM-ARV2232 for sewage is ARV-4 at the end of the wetland, so would we just continue to sample from ARV-4 monthly during periods of flow? It is anticipated the sewage in the abandoned lagoons would be of better quality than the sewage lagoon since there has been no recent sewage loading and mostly precipitation. We can decant the sewage from the abandoned lagoons into the wetland treatment area, as done in the past for these lagoons, such that the final discharge point follows routine operations for the active sewage lagoon.

<image004.png>

Thank you for your attention to this matter. We look forward to your response.

Kind regards,

