



3AM-ARV2232: Arviat Abandoned Sewage Lagoon Cells Decanting

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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.



