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Department of Community and Government Services Nunalingni Kavamatkunnilu Pivikhaqautikkut Ministère des Services Communautaires et gouvernementaux

Atuat Shouldice Water Resource Officer Indigenous and Northern Affairs Kivalliq Regional Office Ikingutigiit Center Suite 1, PO Box 129 Rankin Inlet, NU XOC 0G0

April 17, 2020

Dear: Atuat Shouldice;

As per Part D, Item 4 of the Hamlet of Arviat Water Licence No. 3AM – ARV1016, this is notification of plans to discharge waste from the sewage lagoon. An emergency decant of the sewage lagoon has to take place as soon as possible, and immediate approval is requested.

The sewage lagoon in Arviat has filled to the top of the berm. The sewage lagoon is designed with an exfiltration berm on the south side that releases effluent once the berm thaws over the course of the summer. In order to prevent catastrophic failure of the berm, an emergency decant to 1 m below the top of berm (minimum freeboard as per Part D, Item 3 of the Licence) needs to occur as soon as possible.

Samples will be taken soon to confirm if effluent meets the criteria set out in Part D, Item 2 of Water License No. 3AM – ARV1016, however we request permission to decant even if effluent quality exceeds criteria in this emergency situation.

Your prompt response to this letter is appreciated. Should you have any questions, please contact me at 867-645-8176 or scollins@gov.nu.ca.

Sincerely,

Sarah Collins P.Eng Municipal Planning Engineer Community and Government Services Kivalliq Region, Government of Nunavut

cc: Steve England, Senior Administrative Officer, Hamlet of Arviat Erik Alain, Indigenous and Northern Affairs Megan Lusty, Community and Government Services NWB Licencing Department