



April 19, 2022

Nunavut Water Board

Gjoa Haven, NU X0B 1J0

Attention: Assol Kubeisinova

Re: Lift Station #1 Sludge Disposal into Sewage Lagoon

Dear Ms. Kubeisinova,

This letter is to advise you that the City of Iqaluit intends to discharge sludge into the City's sewage lagoon with respect to their current water license 3AM-IQA1626.

The City is planning on performing cleaning and upgrades at their Lift Station #1. The work is planned to begin on April 25, 2022, and complete on May 20, 2022. As part of the assignment, Nunavut Excavating (contractor) will be removing sludge that has accumulated within the lift station wet-well.

At this time, the City foresees the need to dispose of a total of approximately 54 m³ of a 50% sludge – 50% water mixture. The discharges will occur as the contractor fills their holding tanks during the project's cleaning phase (May 1 to May 8, tentative).

The City has reviewed various options and has determined that the sewage lagoon is the only location for which the sludge can be discharged. The sludge cannot be pumped back into the forcemain as the City believes that this may cause excessive flows, and subsequent strain, within the downstream sewer distribution system. The sludge cannot be discharged to the Wastewater Treatment Plant as the City believes that the Wastewater Treatment Plant cannot accommodate the increased incoming sewage volume.

If you have any questions regarding the above, please do not hesitate to contact me.

Regards,

Sumon Ghosh

Director, Engineering and Capital Planning

City of Iqaluit

Box 460, Iqaluit, NU

X0A 0H0

CC: *Amy Elgersma, Chief Administrative Officer*



Simon Doiron, Director, Public Works
Josip Deronja, Colliers Project Leaders
Jared Wright, Colliers Project Leaders