

From: [Tracy Thomas SAO](#)
To: [Erica Janes](#)
Cc: [Joshua Gauthier](#); [Wendy Bidwell](#); [Heather Scott](#); [Keith Morrison](#)
Subject: Town of Fort Smith Ongoing Work at Sewage Disposal Facility (Lagoon)
Date: Monday, May 13, 2024 4:05:53 PM

Hello.

Thank you for taking the time to meet with the Town on April 23, 2024, to discuss the ongoing work at our Sewage Disposal Facility (Lagoon).

As per Mackenzie Valley Land and Water Board (MVLWB) correspondence dated July 25, 2022, you are seeking (a) an update to the Lagoon O&M Plan sludge management criteria and end-use, and (b) an analysis of how the increased flow resulting from new subdivision development will impact Lagoon hydraulic retention times.

In this letter you also advise that approval for any further work to occur on the Lagoon is contingent on addressing the concerns noted above.

Be advised that the Town is in the process of updating our sludge management criteria and end-use, and intends to have a draft for MVLWB review within the month.

Addressing the second MVLWB concern may take more time as the Town works with the Developer that is bringing the new subdivision online to ensure appropriate analysis is completed.

While the Town will work as expeditiously as possible to address this deliverable, the concern is that any delays will jeopardize the 2024 construction season and the ability to complete Lagoon repairs this summer.

Current work planned for the Lagoon this summer includes replacement of aged and damaged cell liners, as well as increasing the size of the force mains where they enter the Lagoon.

Note that increasing the size of these force mains does not increase flow (nor impact hydraulic retention time); this work only serves to reduce resistance to current and planned future flow.

The Town would note that base infrastructure for a portion of the proposed subdivision has been completed (roads, drainage, water and sewer mains) and these sewer mains have been connected to the Lagoon. However, there is no increase to flow as no

improvements have been made in the subdivision (i.e., no new houses to create increased flow).

As such, and as discussed at our April 23, 2024, meeting, the Town is requesting that work be allowed to proceed at the Lagoon pending Town submission of (a) appropriately stamped construction drawings, and (b) updated sludge management information.

Best,

Tracy Thomas

Senior Administrative Officer

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The Town of Fort Smith acknowledges that the land where we work, live, and play is the traditional territory of the Indigenous Peoples of the Salt River First Nation, Smith's Landing First Nation, and the Northwest Territory Metis Nation from time immemorial.



Fort Smith

NORTHWEST TERRITORIES