

From: [Meaghan MacIntyre-Newell](#)
To: [Pushp Seth](#)
Cc: [scott_stewart](#); [Peter Zoe](#); Hitendra.Patel@aecom.com; [Roberta Judas](#)
Subject: RE: Rae Sewage Disposal Decant Request
Date: October 27, 2023 11:56:52 AM

Hi Pushp,

On October 5, 2023, the Community Government of Behchokò (CGB) requested permission to decant from the Rae Sewage Disposal Facility. On October 17, 2023, approval was granted to the CGB to decant from the Rae Sewage Disposal Facility. In the approval, the Inspector noted that Effluent Quality Criteria (EQC) had not been met; however, upon further review of the sample results, EQC was met in samples collected on October 5, 2023 by the Inspector and the CGB.

The Inspector notes that there are still on-going structural issues at the Rae Sewage Disposal Facility that must be addressed as soon as possible to ensure the facility continues to operate as designed.

Mársi | Kinanaskomitin | Thank you | Merci | Hq̃' | Quana | Qujannamiik | Quyanainni | Máhsı | Máhsı | Mahsi

Meaghan MacIntyre-Newell

Pronouns: she/her

Water Resource Officer

North Slave Region

Department of Environment and Climate Change

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From: Pushp Seth <sao@behchoko.ca>

Sent: October 17, 2023 9:39 AM

To: Meaghan MacIntyre-Newell <Meaghan_MacIntyre-Newell@gov.nt.ca>

Cc: Scott Stewart <Scott_Stewart@gov.nt.ca>; Peter Zoe <water@behchoko.ca>;
Hitendra.Patel@aecom.com; Roberta Judas <rjudas@wlwb.ca>

Subject: RE: Rae Sewage Disposal Decant Request

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Thank you, Meaghan,

We will make sure that the lagoons are repaired in Next summer (May-June 2024). Thanks for allowing us to decant the lagoons before the freeze up

From: Meaghan MacIntyre-Newell <Meaghan_MacIntyre-Newell@gov.nt.ca>
Sent: Tuesday, October 17, 2023 9:10 AM
To: Pushp Seth <sao@behchoko.ca>
Cc: Scott Stewart <Scott_Stewart@gov.nt.ca>; Peter Zoe <water@behchoko.ca>;
Hitendra.Patel@aecom.com; Roberta Judas <rjudas@wlwb.ca>
Subject: Rae Sewage Disposal Decant Request

Hi Pushp,

The Community Government of Behchokò (CGB) requested permission to decant from the Rae Sewage Disposal Facility based on sample results from the October 5, 2023 Inspection. Samples results have been received and Effluent Quality Criteria outlined in the Licence have not been met.

During the October 5, 2023 Inspection, it was noted that the CGB was not compliance with several Licence conditions related to the operation of the Rae sewage lagoon.

- Part D, Condition 5: Freeboard was less than 1.0 metres in the Rae Sewage Disposal Facility;
- Part D, Condition 9: Several locations on the berms of the Rae Sewage Disposal Facility were cracking and slumping; and,
- Part B, Condition 3: The CGB has not been conducting SNP Sampling in accordance with the Licence requirements.

The Inspector believes that not decanting prior to freeze-up will lead to structural failure of the lagoon at freshet as the maximum capacity is currently exceeded and the berms are showing signs of structural failure. To prevent larger issues at freshet, the Inspector grants the CGB permission to decant from the Rae Sewage disposal Facility. During the 2024 open water season, the Inspector requires the CGB to conduct the following work: repair all berms that show signs of slumping or cracking, raise berms to ensure a minimum freeboard of 1.0 metres is being met, and de-sludge as recommended by a consultant.

The Inspector notes that maintaining compliance with the Licence conditions allows for the early identification of issues to prevent these situations from arising. It has also been noted in several Water Licence Inspection Reports that the Rae Sewage Disposal Facility requires de-sludging to increase capacity. The Inspector anticipates that CGB's cooperation in working towards compliance with the Licence to ensure the environment is protected for all land and water users in Behchokò. If the CGB has any questions or requires assistance in determining a path forward toward compliance,

please don't hesitate to reach out.

Mársi | Kinanaskomitin | Thank you | Merci | Hq̃i' | Quana | Qujannamiik | Quyaininni | Máhsı | Máhsı | Mahsi

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