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NUNAVUT WATER BOARD  
NUNAVUT IMALIRIYIN KATIMAYINGI  
OFFICE DES EAUX DU NUNAVUT

File No: **3BM-HAL2025**

August 25, 2025

Jean-Marie Ipkangnak  
Chief Administrative Officer  
Hamlet of Sanirajak  
P.O. Box 198  
Sanirajak, NU X0A 0K0

Email: [cao@sanirajak.ca](mailto:cao@sanirajak.ca)

**RE: NWB Technical Review of 2020-2024 Annual Reports for the Hamlet of Sanirajak;  
Water Licence No: 3BM-HAL2025**

Dear Jean-Marie Ipkangnak,

The Nunavut Water Board (NWB or Board) has completed the technical review of the 2020-2024 Annual Reports (Reports) for the type B Water Licence No: 3BM-HAL2025 (Licence) issued to the Hamlet of Sanirajak (Hamlet).

On April 17, 2025, the NWB acknowledged the receipt of the Annual Report for the year 2024 and on August 08, 2025, for the year 2023 and provided it to the Kivalliq distribution list for information. No comments have been received to date. Table 1 provides a list of issues identified during the technical review of the Reports along with the recommended actions.

Copies of all documents received during Reports review can be accessed through the NWB's Public Registry using the following link:

<https://public.nwb-oen.ca/registry/3%20MUNICIPAL/3B/3BM%20-%20Municipality/3BM-HAL2025/3%20TECH/B%20GENERAL/2%20ANNUAL%20RPT/>

**Table 1 List of Issues Identified and the Recommended Actions**

SN	Identified Issues	Recommended Actions
1	The Reports mention that the sewage discharge volumes are not measured at HAL-3; hence, the quantity of sewage is considered equal to water consumption.	The Licensee is requested to record the actual quantities of effluent discharged at HAL-3 as per Part H, Item 4 of the Licence.

2	The annual water usage exceeds the maximum permitted quantity for two out of the last five years.	The Licensee is advised to reassess the annual water demand of the community for the renewal application. Additionally, the capacity of the current source to meet the growing demand should be analysed too.
3	The NWB has not received the Operations and Maintenance Manual for the Water Supply Facility as required by Part F, Item 3 of the Licence.	The Licensee is requested to provide the report as per Part F, Item 3 with the renewal application.
4	<p>The NWB has not received the following updated plans as required by Part F, Item 5 of the Licence:</p> <ul style="list-style-type: none"> <li>a. Spill Contingency Plan;</li> <li>b. Sewage Disposal Facility Operation and Maintenance Plan;</li> <li>c. Solid Waste Disposal Facility Operation and Maintenance Plan;</li> <li>d. Abandonment and Restoration Plan submitted 6 months prior to the decommissioning of any facility</li> <li>e. QA/QC and Monitoring Program Plan</li> </ul>	The Licensee is requested to provide the updated plans as per Part F, Item 5 with the renewal application.
5	The concentrations of several water quality parameters such as conductivity, sulphate, chloride, and metals are considerably higher in HAL-5 (treated) compared to HAL-3 (raw sewage) and HAL-4. In addition, the BOD <sub>5</sub> value for HAL-3 is less than 20, which is unexpectedly low for raw sewage.	The Licensee is requested to provide an explanation for these results, including any potential operational, sampling, or analytical factors that may have contributed to these observations.
6	The Reports note that there is leaking from the sewage lagoon which has been ongoing for the past five years. It was mentioned about analysis for the leak; however, no reports have been submitted yet.	The Licensee is advised to analyse and fix the leak as soon as possible and submit the associated report to the Board with the renewal application.
7	There are a number of operational non-compliances identified and comments provided by the Inspector in the 2024 inspection report specifically with respect to the hazardous and solid waste management.	The Licensee is requested to address the identified issues and provide results of the current study of the Licence with the renewal application.

	Additionally, the Reports mention a study to assess and prioritize the improvements to the solid waste infrastructure which is to be completed in 2025.	
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The technical review of Annual Reports identified a number of reporting issues, and the Licensee is requested to address the recommendations stated above. Additionally, the Licensee is reminded that the Licence expired on **April 29, 2025** so the Hamlet currently operates with an invalid Water Licence.

Should you have any questions, please feel free to contact the undersigned at (867) 360-6338 (extension 32) or [nidhi.singh@nwb-oen.ca](mailto:nidhi.singh@nwb-oen.ca), at your earliest convenience.

Sincerely,



Nidhi Singh  
Technical Advisor  
Nunavut Water Board

Cc: Distribution List – Qikiqtani