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NUNAVUT WATER BOARD  
NUNAVUT IMALIRIYIN KATIMAYINGI  
OFFICE DES EAUX DU NUNAVUT

**File: 8AC-EUR2331/F2**

June 17, 2025

Jean-Philippe Cloutier-Dussault  
Property Manager, Assets Real Property and Security Directorate  
Department of Environment  
160 Chemin Tour-de-l'Isle  
Montreal, QC H3C 4G8

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**Subject: Water Licence No: 8AC-EUR2331 Type A for Eureka High Arctic Weather Station; Department of Environment; Summary of Operations and Maintenance Procedures for Drinking Water, Sewage, Solid Waste Disposal and Waste Treatment Facilities.**

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Dear Jean-Philippe Cloutier-Dussault,

On April 07, 2025, the Nunavut Water Board (NWB or Board) acknowledged the receipt of the *Summary of Operations and Maintenance Procedures for Drinking Water, Sewage, Solid Waste Disposal and Waste Treatment Facilities* dated April 2025 (Plan) from the Department of Environment (Licensee or Environment and Climate Change Canada or ECCC). The Plan was submitted as per the requirement of Part F, Item 2 of the Water Licence No: 8AC-EUR2331 (Licence):

*“The Licensee shall, at least sixty (60) days prior to commissioning the Wastewater Treatment Plant, submit to the Board for review updated Summary of Operations and Maintenance Procedures for Drinking Water, Sewage, Solid Waste Disposal and Waste Treatment Facilities dated June 2021 that was previously approved by the Board.”*

The NWB distributed the Plan for public review on April 15, 2025, with a deadline to respond by May 06, 2025. Comments were received from Crown Indigenous Relations and Northern Affairs Canada (CIRNAC) on May 16, 2025, and from Fisheries and Oceans Canada (DFO) on May 15, 2025. In their submission, DFO indicated that they have no comments or recommendations at this time. CIRNAC had two comments, and the Licensee responded to the comments on June 05, 2025. A summary of comments provided by CIRNAC is presented below:

Crown Indigenous and Northern Affairs Canada, May 16, 2025

1. CIRNAC recommended that the Licensee provide the following missing information:
  - a. Distance between the discharge point at the retention pond and the Fiord, as mentioned in Section 3.2 and clarification regarding whether testing will be completed before discharge from the retention pond or if inspectors need to be informed about the discharge.

Licensee Response: The overflow has been cancelled from the project and as result, nothing will be allowed to overflow in the fjord naturally. ECCC will continue using the existing process, which consists of sampling the sewage lagoon and getting approval from CIRNAC prior to discharge. The discharge location is 31 metres away from the high-water mark.

- b. Clarification regarding whether the wastewater from the wash-car and temporary work camp will be treated mechanically or if it is placed in the sewage lagoon.

Licensee Response: The temporary camp uses an approved exfiltration trench for greywater as long as the weather permits. Otherwise, the greywater is hauled to the lagoon but this happens occasionally, early in the season only. The black waste is incinerated. Any waste transferred to the wastewater lagoon, from any location, is retained until it is sampled and tested. The results are sent to CIRNAC to ensure that the effluents meet all criteria from the Licence and only then, CIRNAC may authorize a discharge. No discharge is performed if the results are non-compliant.

- c. Clarification regarding whether the greywater exfiltration trench at the temporary camp will be 31 metres away from the normal high water mark of any water body and if the sludge will be kept in secondary containment.

Licensee Response: The exfiltration trench is located well away from the 31 metres mark at the temporary camp, south of the runway. Also, the exfiltration trench is used for greywater only and there is no sludge in the trench.

2. Section 4.4.3 mentions that the standard operating procedures for the temporary construction worker camp are included in Appendix 6. However, Appendix 6 was not included in the plan. CIRNAC recommended that the missing information be provided in the next iteration of the Plan.

Licensee Response: The Plan was updated on June 06, 2025, to incorporate the missing information and recommendations provided during the public review.

On June 11, 2025, CIRNAC responded, stating they have no further comments.

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

<https://public.nwb-oen.ca/registry/8%20MISCELLANEOUS/8A/8AC%20-%20Camp/8AC-EUR2331%20ECCC/3%20TECH/F%20C%20A%20I%20O/2025/>

The Board acknowledges that the Plan dated June 2025 addresses the requirements of Part F, Item 2 of the 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,



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Nidhi Singh  
Nunavut Water Board,  
Technical Advisor

ns/rh

Cc: Distribution List – Qikiqtani