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NUNAVUT WATER BOARD  
NUNAVUT IMALIRIYIN KATIMAYINGI  
OFFICE DES EAUX DU NUNAVUT

**File: 3AM-ARV1016**

October 18, 2021

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Government of Nunavut - Community and  
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**RE: Licence No: 3AM-ARV1016, Type “A”; Hamlet of Arviat; 2020 Annual Report Review**

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Dear Steve England and Sarah Collins:

The Nunavut Water Board (NWB or Board) has completed the technical review of the 2020 Annual Report (Report) for Type “A” Water Licence 3AM-ARV1016 (Licence) issued to the Hamlet of Arviat (Hamlet or Licensee). The Report was received on May 7, 2021 from Government of Nunavut - Community and Government Services (GN-CGS) and submitted as a requirement under Part B of the Licence.

Copies of all documents received during Report review can be accessed through the NWB’s Public Registry and FTP site using the following link:

[ftp://ftp.nwb-oen.ca/registry/3%20MUNICIPAL/3A/3AM%20-%20Municipality/3AM-ARV1016/3%20TECH/1%20GENERAL%20\(B\)/2%20ANNUAL%20RPT/](ftp://ftp.nwb-oen.ca/registry/3%20MUNICIPAL/3A/3AM%20-%20Municipality/3AM-ARV1016/3%20TECH/1%20GENERAL%20(B)/2%20ANNUAL%20RPT/)

On May 7, 2021, the NWB distributed the Report to the Kivalliq distribution list for review. Comments from Crown-Indigenous Relations and Northern Affairs (CIRNA) and Environment and Climate Change Canada (ECCC) were received on August 9, 2021 and August 4, 2021, respectively. The table below provides a brief summary of issues found outstanding during the Report review period. The table also provides deadlines for the Licensee to respond to respective recommendations and concerns. For the intervenors’ discussion of these items, please refer to the comment submissions referenced above.

No.	Intervener Recommendation / Concern	Deadline to Respond by and Provide Outstanding Information
<b>Crown-Indigenous Relations and Northern Affairs (CIRNA)</b>		
1	Ensure that a renewed Type A licence is in place before the next annual report.	March 31, 2022 (2021 Annual Report)
2	Include a map of the location of the monitoring stations.	Subsequent annual reports
3	Sample results provided indicate that sampling was completed in the months of July and September only. Sampling should be conducted during periods of visible flow. If no such flow is visible at that time, that fact should also be recorded and provided in the Annual Report to indicate why sampling was not conducted during that period.	Subsequent annual reports
4	Complete sampling during and immediately following the decant of the sewage lagoon when an emergency decant has been authorized by an Inspector, and that results from that sampling event be included in the Annual Report.	Subsequent annual reports
<b>Environment and Climate Change Canada (ECCC)</b>		
1	Provide in future annual reports a figure or map indicating the locations of all monitoring stations.	Subsequent annual reports
2	Describe any follow-up actions taken for any spills/unauthorized discharges in future annual reports.	Subsequent annual reports
3	Provide a timeline for the construction of the new sewage lagoon and provide a discussion of any additional mitigations that will be utilized to improve treatment in the interim, prior to the construction of the new facility.	March 31, 2022 (2021 Annual Report)
<b>Nunavut Water Board (NWB)</b>		
1	The NWB notes that the Licensee consistently withdraws water well in excess of the amount permitted by the Licence.	The Board notes that the Licensee included in the Application the request to increase the water withdrawal limit.
2	The NWB notes that the Licensee consistently exceeds the Effluent limits set for ARV-4. The Board notes that the Licensee indicated that the cause of the exceedances is the insufficient treatment that the sewage lagoon currently provides. The Board also notes that the Licensee plans to conduct work on lagoon upgrading.	Subsequent annual reports
3	The Board does not have a record of receiving the results of geotechnical inspections as required by Part D, Items 16 and 17 of the Licence.	March 31, 2022 (2021 Annual Report)
4	Please correct the value for Hg detection limits in <i>Appendix E: Arviat 2020 Sampling Summary</i> of the Report.	Subsequent annual reports

The Board notes that the Licence expired on February 27, 2016, and the Licensee has since operated without a valid water licence. However, the expiry or cancellation of a licence does not relieve the holder from any obligations imposed by the licence. The Board reminds that if a

licence expires before the NWB issues a new one, then the use of Water and the deposit of Waste must cease, or the Licensee may be in contravention of the *Agreement between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in Right of Canada (Nunavut Agreement)* and the *Nunavut Waters and Nunavut Surface Rights Tribunal Act (NWSRTA)*. The Board also notes that the Licensee, under its expired licence, recently constructed new water treatment plant and a new water reservoir and commissioned them in November 2019, as indicated in the Report without approvals. The NWB is hopeful that, with the application for Water Licence renewal/amendment as submitted on September 1, 2020 (Application), and a future potential renewal licence, the Hamlet will adhere to the requirements of its water licence in accordance with the *Nunavut Agreement* and the *NWSRTA*. The Application is currently suspended in order for the Hamlet to provide outstanding documentation and include additional plans on future upgrades of the waste management infrastructure.

If you have any questions, please contact the undersigned at [assol.kubeisinova@nwb-oen.ca](mailto:assol.kubeisinova@nwb-oen.ca) or (867) 360 6338 (ext. 31).

Best regards,

Assol Kubeisinova  
Nunavut Water Board  
Technical Advisor

Cc: Distribution List – Kivalliq