

**ANNUAL REPORT
FOR THE MUNICIPALITY OF SANIKILUAQ, 2022**

YEAR BEING REPORTED: 2022

The following information is compiled pursuant to the requirements of Part B, Item 1 of Water Licence # 3BM-SAN2025 issued to the Hamlet of Sanikiluaq.

- i) - iii) tabular summaries of all data generated under the “Monitoring Program”; monthly and annual quantities in cubic metres of freshwater obtained from all sources; monthly and annual quantities in cubic metres of each and all wastes discharged;

Attached are quantities of water used as reported in our On Tap Water Delivery System and the estimated discharge of sewage waste.

Month Reported	Quantity of Water Obtained from all sources (L)	Quantity of Sewage Waste Discharged (Estimated)
January	3,481,958.30	Same
February	3,335,050.10	Same
March	3,727,479.90	Same
April	3,379,170.30	Same
May	3,636,732.20	Same
June	3,294,015.60	Same
July	3,131,043.90	Same
August	3,321,473.50	Same
September	3,359,850.80	Same
October	3,534,007.70	Same
November	3,646,942.00	Same
December	3,566,575.70	Same
ANNUAL TOTAL	41,414,299.70	Same

Note: The water consumption volume is considered equal to the sewage discharge volume because there is no meter at the end of the discharge pipe.

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- iv. A summary of modifications and/or major maintenance work carried out on the Water Supply and Waste Disposal Facilities, including all associated structures and facilities;**

No modification or maintenance work was carried out during the reporting year.

- v. A list of unauthorized discharges and summary of follow-up action taken;**

No unauthorized discharges for the infrastructure under licence 3BM-SAN2025 occurred in 2022

- vi. A summary of any abandonment and restoration work completed during the year and an outline of any work anticipated for the next year;**

No abandonment and restoration work were conducted during this reporting year and none is anticipated in the coming year.

- vii. A summary of any studies requested by the Board that relate to waste disposal, water use or reclamation, and a brief description of any future studies planned;**

A new planning study is being developed due to entire original Nunavut Solid Waste program having to shift its approach from new sites to making improvements at existing sites, changing solid waste disposal practices, backhauling and incineration.

- viii Any other details on water use or waste disposal requested by the Board by November 1st of the year being reported; and**

None

- ix Updates or revisions to the approved Operation and Maintenance Plans.**

None

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x. ADDITIONAL INFORMATION THAT THE LICENSEE DEEMS USEFUL:

CGS will work with the Municipality during summer 2022 to ensure all sampling requirements under the water licence are met.

xi. FOLLOW-UP REGARDING INSPECTION/COMPLIANCE CONCERNS:

There was no CIRNAC Inspection conducted in 2022.

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Appendix A: Effluent Quality Limits

Appendix B: Certificate of Analysis

Appendix C: Hazardous Materials Spill Database, Sanikiluaq 2022

Appendix D: Sanikiluaq 2022 CIRNAC Inspection Report

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Appendix A

SAN-4 Effluent Quality Limit

Parameter	Maximum Concentration of any Grab Sample	DATE
BOD ₅	120 mg/L	
Total Suspended Solids	180 mg/L	
Fecal Coliform	1x10 ⁶ CFU/100 mL	
Oil and Grease	No visible sheen	
pH	Between 6 and 9	

No Effluent Quality Limit values were received by CGS.
ALS Laboratory had issues with bottle distribution in 2022.

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Appendix B

No Effluent Quality Limit values were received by CGS.
ALS Laboratory had issues with bottle distribution in 2022.

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Appendix C

No reported spills in reporting year 2022.

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Appendix D

No CIRNAC Inspection report received for reporting year.