

2024 ANNUAL REPORT FOR 3AM-RUT2035
GOVERNMENT OF NUNAVUT – DEPARTMENT OF COMMUNITY AND
GOVERNMENT SERVICES

YEAR BEING REPORTED: 2024

The following information is compiled pursuant to the requirements of Part B, Item 1 of Water Licence No. **3AM-RUT2035** issued to the **Government of Nunavut – Department of Community and Government Services**.

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 the measured quantities of water used discharged waste. The sewage volumes are not equal to the water withdrawal volumes as there is both trucked and piped (utilidor) water and sewage infrastructure. Piped sewage through the utilidor is under the scope of this licence; however, trucked sewage, which is disposed at a sewage lagoon is not.

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Month Reported	Quantity of Water Obtained from All Sources (m³)	Quantity of Sewage Waste Discharged (m³)
January	22776.157	28484.65
February	22751.995	31623.74
March	20726.973	23597.14
April	21756.601	28512.70
May	18313.132	23269.62
June	26029.037	37267.19
July	22200.747	29674.70
August	21237.133	32837.27
September	24028.538	29959.32
October	17643.433	27360.18
November	19893.812	28528.45
December	20155.557	30375.10
ANNUAL TOTAL	257513.115	351490.07

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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 modifications or major maintenance work carried out in 2024.

V. A list of unauthorized discharges and summary of follow-up action taken:

No spills to report in 2024.

VI. A summary of any abandonment and restoration work completed during the year and an outline of any work anticipated for the next year:

There was no abandonment and restoration work completed during 2024. There is no abandonment and restoration work anticipated for 2025.

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 bleed water optimization study and implementation program is currently ongoing. The aim of the study is to minimize the amount of bleed water used to prevent the utilidor pipes from freezing. The implementation will continue through to Summer 2025 and the final report is anticipated by Fall 2025. The results of the bleed water study will influence the design of a future wastewater treatment plant and will lower the water withdrawal to within or nearer to the annual withdrawal limit of the water licence.

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

No other details on water use or waste disposal requested by the Board by November 1st 2024.

IX. Updates or revisions to the approved Operation and Maintenance Plans:

No updates to the approved Plans were made in 2024. The Plans for the facilities have been implemented and are being carried out.

X. ADDITIONAL INFORMATION THAT THE LICENSEE DEEMS USEFUL:

- No sampling of the effluent quality at RUT-2 as part of the Monitoring Program was

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conducted in 2024. The Licensee will complete the required sampling in 2025.

XI. FOLLOW-UP REGARDING INSPECTION/COMPLIANCE CONCERNS:

A CIRNAC Inspection did take place during July 2024; however, the Inspector's report has not been distributed.

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APPENDICES

Appendix A: Hazardous Materials Spills Database for Resolute Bay in 2024

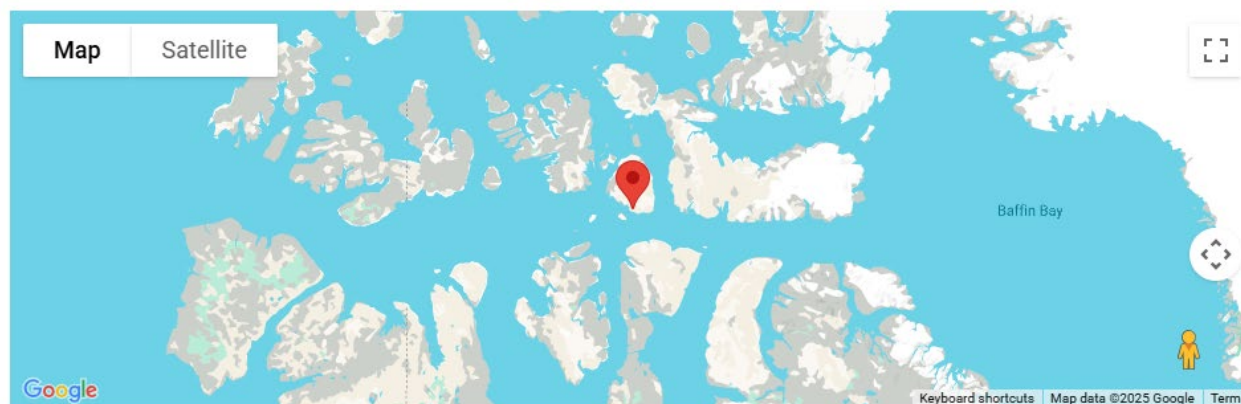
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Appendix A: Hazardous Materials Spills Database for Resolute Bay in 2024

None of the spills that occurred in Resolute Bay in 2024 are associated with 3AM-RUT2035.

Spills

Occurrence Date	Spill Region	Spill Location
Jan	- Any -	--Resolute
1		
2024		
Dec		
31		
2024		
Spill Location Description	Report Number	Items per page
		10
		Go
Reset		



Spill	Occurrence Date	Spill Region	Location	Location Description	Product Spilled	Quantity	Measurement	Spill Cause	Lead Agency
spill-2024087	April 5, 2024	Baffin	Resolute	Resolute Bay	Petroleum - fuel oil (jet A, diesel, turbo A, heat)	200.00	Liters	Other	GN - Government of Nunavut