

**2017 ANNUAL REPORT
FOR THE HAMLET OF CAPE DORSET, NUNAVUT**

YEAR BEING REPORTED: 2017

The following information is compiled pursuant to the requirements of **Part B, Item 1** of Water License # 3BM-CAP0810 issued to the Hamlet of Cape Dorset.

- 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 based on quantities used.

Month Reported	Quantity of Water Obtained from all sources (litres)	Quantity of Sewage Waste Discharged (Estimated)
January	4,232,277.10	Same
February	3,864,009.30	Same
March	4,236,367.80	Same
April	3,794,381.30	Same
May	3,967,988.70	Same
June	4,102,798.50	Same
July	3,910,062.90	Same
August	4,727,680.90	Same
September	3,886,282.20	Same
October	5,015,160.40	Same
November	3,913,774.10	Same
December	3,687,152.80	Same
Annual Total	49,337,936.00	Same

Note: The average consumption volume is considered equal to the discharge volume in each month 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;
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- Hamlet has been using 3 cells lagoon. They maintained the surface drain and also the lower berm of the last cell. No further modification was made so far.
- v. A list of unauthorized discharges and summary of follow-up action taken;
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- Yes, unauthorized discharge took place during this reporting period. The 3 cell lagoon is under capacity. Once it was full, Hamlet used the emergency cell. Every weekend they decanted. They took samples.
- vi. A summary of any abandonment and restoration work completed during the year and an outline of any work anticipated for the next year;
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- The P Lake new sewage lagoon is abandoned and no more use.
- 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;
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- The Feasibility studies of a new Wastewater Treatment Facility were completed individually by Stantec and Exp. CGS is planning to start design of a new wastewater treatment facility to get regulatory approval. The new facility is anticipated to be commissioned in 2022.
- viii. Any other details on water use or waste disposal requested by the Board by November 1st of the year being reported; and
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- The wastewater treatment facility is a major concern due to unauthorised discharge. This issue was dealt with INAC. Hamlet sampled and tested as required.
- ix. Updates or revisions to the approved Operation and Maintenance Plans.
- Right now no revision to the existing O&M manuals is required.
- x. **ADDITIONAL INFORMATION THAT THE LICENSEE DEEMS USEFUL:**
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- Hamlet maintained extended sampling and testing program. They Kept the batteries in the Sea can for the future disposal to the South. They segregated the wastes.
- xi. **FOLLOW-UP REGARDING INSPECTION/COMPLIANCE CONCERNS:**
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- Currently the Hamlet does not have any active Water Licence. Hamlet is working

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closely with CGS Water Licence working group in order to renew their water licence.
They submit Annual Report in time.

The Lab Test Results are submitted in a separate document.