

# ANNUAL REPORT FOR THE HAMLET OF CHESTERFIELD INLET

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**YEAR BEING REPORTED:** 2007

The following information is compiled pursuant to the requirements of Part B, Item 1 of Water License (NWB3CHE0308) issued to the Hamlet of Chesterfield Inlet.

- 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;

Water quantity results for monitoring stations CHE-1 and CHE-3 are provided in the table below. Samples for detailed chemical, physical and biological analysis required at CHE-2 and CHE-4 (for the months of May to September, inclusive) were not taken by the Hamlet in 2007 and results are not available.

**Table 1 – Water quantity data for the water and sewage systems at Chesterfield Inlet, NU**

| <b>Month Reported</b> | <b>Quantity of Water Obtained from all sources (m<sup>3</sup>)<sup>a</sup></b> | <b>Quantity of Sewage Waste Discharged (m<sup>3</sup>)<sup>b,c</sup></b> |
|-----------------------|--|--|
| <b>January</b>        | 1,166.6 <sup>d</sup>   | 1,166.6  |
| <b>February</b>       | 1,166.6 <sup>d</sup>   | 1,166.6  |
| <b>March</b>          | 1,166.6 <sup>d</sup>   | 1,166.6  |
| <b>April</b>          | 1,166.6 <sup>d</sup>   | 1,166.6  |
| <b>May</b>            | 1,166.6 <sup>d</sup>   | 1,166.6  |
| <b>June</b>           | 1,229.2  | 1,229.2  |
| <b>July</b>           | 1,253.5  | 1,253.5  |
| <b>August</b>         | 1,286.4  | 1,286.4  |
| <b>September</b>      | 1,147.0  | 1,147.0  |
| <b>October</b>        | 1,158.0  | 1,158.0  |
| <b>November</b>       | 1,075.2  | 1,075.2  |
| <b>December</b>       | 1,016.5  | 1,016.5  |
| <b>ANNUAL TOTAL</b>   | 13,998.7 <sup>e,f</sup>  | 13,998.7 <sup>e,f</sup>  |

**NOTES ON WATER QUANTITY TABLE:**

<sup>a</sup> Quantity of water obtained is equivalent to water quantity monitoring station CHE-1

<sup>b</sup> Quantity of sewage waste discharge is equivalent to water quantity monitoring station CHE-3

<sup>c</sup> Quantities of sewage discharged not provided; assumed to be equal to quantity of water

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- consumed
- <sup>d</sup> Quantity data was not available; average quantity from June to December is provided as an estimate of water consumed.
- <sup>e</sup> Total annual volumes potentially over or underestimated due to January to May volume estimations
- <sup>f</sup> Total annual volume of water consumed in 2007 is below the licensed maximum permitted quantity of 20,000 m<sup>3</sup>
- 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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| NONE |
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- v. a list of unauthorized discharges and summary of follow-up action taken;
- Spill Reports (obtained from GNWT/GN Spills Database):
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|---|
| # 2007262 – approximately 789 L of P-50 heating oil was spilled through a small hole on a fuel tank. Sorbent material was put on the ground to soak up some of the oil. The fuel tank was replaced and the contaminated sorbent and soil was removed from the site and disposed of at the landfill. |
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- 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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| NONE |
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- 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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| NONE |
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- 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

**ADDITIONAL INFORMATION THAT THE LICENSEE DEEMS USEFUL:**

**FOLLOW-UP REGARDING INSPECTION/COMPLIANCE CONCERNS:**