

**ANNUAL REPORT  
FOR THE HAMLET OF HALL BEACH-2015**

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**YEAR BEING REPORTED: 2015**

The following information is compiled pursuant to the requirements of **Part B, Item 1** of Water License # NWB 3-HAL 1520 issued to the Hamlet of Hall Beach.

- 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.

<b>Month Reported</b>	<b>Quantity of Water Obtained from all sources (litres)</b>	<b>Quantity of Sewage Waste Discharged (Estimated)</b>
<b>January 2015</b>	2,754,775.00	Same
<b>February 2015</b>	3,342,881.50	Same
<b>March 2015</b>	3,144,798.90	Same
<b>April 2015</b>	2,970,343.80	Same
<b>May 2015</b>	3,033,188.20	Same
<b>June 2015</b>	2,842,517.50	Same
<b>July 2015</b>	3,165,995.50	Same
<b>August 2015</b>	2,731,502.82	Same
<b>September 2015</b>	2,818,835.40	Same
<b>October 2015</b>	2,204,908.30	Same
<b>November 2015</b>	2,804,528.41	Same
<b>December 2014</b>	2,909,757.00	Same
<b>ANNUAL TOTAL</b>	<b>34,724,033.33</b>	<b>34,724,033.33</b>

Note: The consumption volume is considered equal to the discharge volume because there is no meter at 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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The design for the expansion of the sewage lagoon cell #1 is complete. The project was tendered, a contractor was selected and the contractor is ready to start construction in summer. No work is planned on sewage lagoon cell #2 at this moment.

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

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The wastewater is treated by two cells Lagoon system. Both cells function as exfiltration process. Sewage was drained out from cell #1 through the hole of the Southern berm and was absorbed in the wetland prior to reaching into the sea.

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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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No abandonment and restoration work was done during the reporting period. No plan is to abandon the existing waste site until the new facility is built and commissioned.

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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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The design for the expansion of sewage lagoon cell #1 was supported by NWB and the Hamlet water licence was amended in order to support construction of the lagoon.

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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

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Unauthorized discharge from Sewage lagoon cell -1 is the concern of INAC and Hamlet was asked to fix this problem as soon as possible.

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

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Hamlet has been using the O&M manuals for effectively operating their water supply system, sewage lagoon and waste management facility. A new manual will be developed once the construction of the expansion of Sewage Lagoon cell #1 is complete and commissioned.

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- x. **ADDITIONAL INFORMATION THAT THE LICENSEE DEEMS USEFUL:**

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The Hamlet has been using Caduecon Lab which is an accredited lab in Ottawa for testing water, wastewater and leachate samples. They follow CGS extended sampling program in order to keep their water licence in compliancy.

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

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Hamlet works very closely with water licence compliance group (WLCG) and receives direction to move forward to satisfy all the requirements of their licence.

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The Lab Test results of 2015 are submitted in a separate document.