

**ANNUAL REPORT
FOR THE HAMLET OF PANGNIRTUNG DUVAL RIVER, 2016**

YEAR BEING REPORTED: 2016

The following information is compiled pursuant to the requirements of Part B, Item 1 of Water Licence # 1BW-DUV1520 issued to the Hamlet of Pangnirtung Duval River.

- 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 2016	o	o
February 2016	o	o
March 2016	o	o
April 2016	o	o
May 2016	o	o
June 2016	o	o
July 2016	o	o
August 2016	o	o
September 2016	o	o
October 2016	o	o
November 2016	o	o
December 2016	o	o
ANNUAL TOTAL	o	o

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Note: Water extraction and Sewage disposal are not part of this licence.

- 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;

Steel culverts were installed across the Duval River for heavy traffic movement from one side to other side of the River during the construction of Pangnirtung Harbour by the Department of Fisheries and licence was issued to them. Once harbour construction was complete, the licence was transferred to the Hamlet and the Hamlet was using this crossing facility for their own interest. In 2015, due to heavy rainfall, these culverts were washed away. Whereas Hamlet needs this type of crossing facility to transport heavy equipment, fully loaded dump truck etc. throughout the year. Therefore, Hamlet reinstalled these steel culverts back by themselves.

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

No abandonment and restoration work was conducted during this reporting year.

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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;

Duval River Water quality analysis from upstream of the Culverts and Downstream of the Culverts crossing are essential. Hamlet will be following this protocol from the Summer 2017.

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

Monitoring of the River water quality and erosion status at the bed of the River.

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

The new O&M manual of the Culverts Crossing has been prepared prior to construction and sent to INAC and NWB. No revision or update is required at this stage.

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x. ADDITIONAL INFORMATION THAT THE LICENSEE DEEMS USEFUL:

Hamlet will be starting extended sampling and testing program. They will also monitor the performance of this facility and erosion status of the river bed.

xi. FOLLOW-UP REGARDING INSPECTION/COMPLIANCE CONCERNS:

Hamlet is working closely with the Water Licence Compliance Group (WLCG) and receiving direction to move forward in order to renew or amend the Hamlet water licence.

Note: The water testing will be followed in summer 2017 and Lab Results will be submitted along with the Annual Report in 2018.