

**ANNUAL REPORT
FOR THE HAMLET OF QIKQTARJUAQ, 2018**

YEAR BEING REPORTED: 2018

The following information is compiled pursuant to the requirements of Part B, Item 1 of Water Licence # 3BM-QIK1419 issued to the Hamlet of Qikiqtarjuaq.

- 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	1,920,153.10	Same
February	1,771,358.90	Same
March	1,893,119.70	Same
April	1,805,175.10	Same
May	1,825,872.80	Same
June	1,817,892.70	Same
July	1,788,571.30	Same
August	1,857,049.00	Same
September	1,768,177.10	Same
October	2,002,559.20	Same
November	1,918,784.60	Same
December	1,941,447.70	Same
ANNUAL TOTAL	22,310,161.20	22,310,161.20

Note: The water consumption volume is considered equal to the discharge volume

ANNUAL REPORT FOR THE HAMLET OF QIKQTARJUAQ, 2018

because there is no meter at the end of the discharge pipe.

- 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;

During this reporting period, no modification and/or any major maintenance work was carried out. However, they put some bolder at the downstream of the water intake pipe to raise the water level of the stream. The increased water depth accelerated the flow rate and filled the water storage reservoir within a shorter time.

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

It was suspected that sewage lagoon was leaking. Hamlet is monitoring this facility very closely. This facility is scheduled to be inspected this winter and summer.
Spills occurred on July 20, 2018 and product type is petroleum fuel oil 26 litres.

- vi. A summary of any abandonment and restoration work completed during the year and an outline of any work anticipated for the next year;

Hamlet started building a landfarm and still it is incomplete due to capital dollars. This site is currently abandoned. The liner placed at the bed is not good any more. The liner needs to be removed and new liner is required to be placed in order to make the facility containment.
Finally capital dollars are made available to hire a consultant at any moment and the construction is anticipated to be completed this summer. Hamlet is looking for the possibility to hire a local contractor to expedite construction works.

-
- 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 Consultant is engaged to conduct water quality analysis. Following the data gathering, Design of the new water Treatment plant will be initiated. Hamlet is planning to complete construction of the landfarm this summer.

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

Water is extracted from the nearby natural stream by gravity. Hamlet has an annual water extraction permit and they are always within that limit. Hazardous materials are yet to be segregated and stored in order to future disposal to the south.

ANNUAL REPORT FOR THE HAMLET OF QIKIQTARJUAQ, 2018

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

Currently no updates or revisions is required for the existing O&M manuals of the water supply, waste management and wastewater treatment Facilities. If any of the facilities is updated, the O&M manual of the respective facility will be modified accordingly.

O&M manual of the new Land farm will be ready once the new facility is built and commissioned.

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

Hamlet has initiated water licence renewal application with Nunavut planning commission. They test water, wastewater effluent and leachate in the accredited Lab in Ottawa. They submit annual report on time.

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

Hamlet is working closely with CGS Technical team and CIRNAC inspector and following their advice and direction. The Hamlet has currently an active water licence. The renewal process was already initiated. Hamlet is trying to keep their water licence into compliancy.

The Test Lab Results for 2018 are submitted in a separate document.



B18-32501_R.pdf



B18-32499_R.pdf



B18-28052_R.pdf



B18-28051_R.pdf



B18-28050_R.pdf



B18-28049_R.pdf



Qikiqtarjuaq_2018.xls
B18-32501_R.pdf
Qikiqtarjuaq_2018.xls



B18-32499_R.pdf



B18-28052_R.pdf



B18-28051_R.pdf



B18-28050_R.pdf



B18-28049_R.pdf