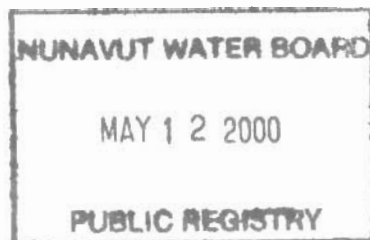




INAC, Nunavut District
Box 100
Iqaluit, NU
X0A 0H0



Our file Notre référence

N4L3-0640

May 5, 2000.

Don Pickle
Senior Administrative Officer
Municipality of Qikiqtarjuaq
General Delivery
Qikiqtarjuaq, NU X0A 0B0

INTERNAL	
PC	<input checked="" type="checkbox"/>
LA	<input checked="" type="checkbox"/>
OM	<input checked="" type="checkbox"/>
TA	<input checked="" type="checkbox"/>
BS	<input checked="" type="checkbox"/>
ED	<input checked="" type="checkbox"/>
CEO	<input checked="" type="checkbox"/>
BRD	<input checked="" type="checkbox"/>
EC	<input checked="" type="checkbox"/>

May 16/00
DSD
NIRB

Review of 1999 Annual Report - Municipality of Qikiqtarjuaq - N4L3-0640

Please accept this letter as notification that the 1999 Annual Report submitted by the Municipality of Qikiqtarjuaq for the water use and waste disposal associated with municipal undertakings, as required (Part B, Item 1) under licence N4L3-0640, has been reviewed by the Inspector and found complete.

Attached for your records is the 1999 Compliance Report; compliance reports are prepared annually in order to assess Licensee's compliance with the terms and conditions of their permit/licence.

To a large extent, conditions of licence N4L3-0640 have been satisfactorily met during the year currently under review (1999). However, the following non-compliance issues have long been, and still remain, outstanding:

- Operation and Maintenance (O&M) plan for the operating solid waste facilities.
- Abandonment and Restoration (A&R) plan for the old solid waste disposal facilities.
- Sampling requirement during annual decant of the sewage disposal facilities.

This being said, as the Inspector will inevitably be required to examine the municipality's compliance with water licence N4L3-0640 during the upcoming licence renewal procedures, a genuine attempt to see to the above outstanding issues might ease the process considerably. Attached are Guidelines for the preparation of O&M plans, and an excerpt from a Mine reclamation document which relates to landfill and similar wastes reclamation. If desired, municipal O&M and A&R plans previously approved by the NWB can also be provided upon request.

In regards to the sampling requirement, the Inspector will take all possible efforts to visit the municipality at the time of the 200C decant, and by doing so provide the necessary resources and assistance to ensure that future samples are collected, and that SNP requirements are consequently met.

Please feel free to contact me at (867) 975-4298 or lavalleep@inac.gc.ca should any questions/comments arise.

Sincerely,



Philippe Lavallée
Water Resources Officer
INAC, Nunavut District

c.c. - Nunavut Water Board, Gjoa Haven
- INAC Water Resources, YK
- CG&T, Iqaluit (Doug Sitland)

1999 COMPLIANCE REPORT

on

Conditions of Licence **N4L3-0640**,
held by the **Municipality of Qikiqtarjuaq**

prepared by

Philippe Lavallée

Inspector under the *Northwest Territories Waters Act*

INAC, Nunavut District
Iqaluit, NU
May 5, 2000

1999 Compliance Report
Municipality of Qikiqtarjuaq, N4L3-0640

Introduction

The Nunavut Water Board (NWB) issued, on January 1, 1996, licence N4L3-0640 (renewal of licence N4L4-0640) allowing the Municipality of Qikiqtarjuaq (formerly Hamlet of Broughton Island) water use and waste disposal associated with municipal undertakings. The said licence is currently scheduled to expire on December 31, 2000.

Part B: General Conditions

- Item 1: Licensee has complied with this section, submitting a 1999 Annual Report on February 11, 2000; and also, on May 5, 2000, a revised report correcting typographic errors relating to the water usage volumes.
- Item 1a: Licensee has complied with this section, breaking down monthly and annual quantities of water pumped from Tulugak River/reservoir. The reported annual water use of 16 624 m³ lies well below the allowable 30 000 m³.
- Item 1b: Licensee has complied with this section, also providing the amount of bagged sewage (61). However, the quantity of disposed sewage (16 624 m³) is only approximated, as discharge is not gauged.
- Item 1c: Not applicable, as Licensee has drained but not cleaned the sewage lagoon, and so has not removed any sewage solids from the sewage disposal facilities. However, the 1999 Annual Report mentions that sludge removal is planned for the summer of 2000.
- Item 1d: Licensee has complied with this section.
- Item 1e: Licensee has partly complied with this section, omitting the required sampling data (SNP Part B, Item 1). Also, as noted above (Part B, Item 1b), sewage discharge is not measured, but approximated.
- Item 1f: Licensee has complied with this section, stating that procedures to restore the old Housing Association's solid waste disposal site had been initiated, but work not completed.

- Item 1g: Not applicable, as the NWB did not pass on any request.
- Item 1h: Licensee has not reported any unauthorized discharge.
- Item 1i: Not applicable, as Licensee has yet to submit an Operation and Maintenance (O&M) plan for the solid waste disposal facilities; the said O&M plan was required by July 1, 1996.
- Item 1j: Not applicable, as the NWB did not pass on any request.
- Item 2: Licensee has not provided the required (SNP part B, Item 1) sewage effluent sample from the sewage disposal facility, during the annual decant. However, a certain amount of confusion remains within the SNP part of the licence; the required sampling point should read SNP Station 0640-6, not 0640-4.
- Item 3: Not applicable, as the NWB has not issued any modification to the SNP.
- Item 4: Licensee has partly complied with this section, as the sewage discharge is not measured, only approximated to mirror the water use.
- Items 5-6: Licensee has complied with these sections.
- Item 7: Not applicable, as Licensee has not reported any spill.
- Item 8: Licensee has complied with this section.

Part C: Conditions Applying to Water Use

- Item 1: Licensee has complied with this section.
- Item 2: Licensee has complied with this section, using only 16 624 m³ of water.
- Item 3: Licensee has complied with this section.

Part D: Conditions Applying to Waste Disposal

- Item 1: Licensee has complied with this section.

- Item 2: As noted above (Part B, Item 2), Licensee has not sampled the sewage discharge.
- Item 3: Licensee has complied with this section.
- Item 4: Licensee has complied with this section, contacting the INAC Nunavut District Office; which was unfortunately suffering from staffing constraints at the time.
- Items 5-8: Licensee has complied with these sections.

Part E: Conditions Applying to Modifications

- Items 1-3: Not applicable, as Licensee did not undertake any modification.

Part F: Conditions Applying to Abandonment and Restoration

- Items 1-2: Not applicable, as Licensee is not planning any short-term abandonment.
- Item 3: Licensee has yet to submit to the NWB for approval an Abandonment and Restoration (A&R) plan; the said A&R plan was due by January 1, 1997.
- Item 4: Not applicable, as no A&R plan was ever submitted to the NWB for approval.

Part G: Conditions Applying to Construction

- Items 1-2: Not applicable, as Licensee did not undertake any construction.

Part H: Conditions Applying to Operations and Maintenance

- Item 1: As noted above (Part B, Item 1i), Licensee has not submitted an O&M plan for the solid waste disposal facilities; the plan was due by July 1, 1996.
- Item 2: Not applicable.

Conclusion

The Licensee has, during the year currently under review (1999), to a large extent complied with the conditions of licence N4L3-0640. However, the following issues of non-compliance have so far remained outstanding throughout the duration of the present licence:

- Submission of an Operation and Maintenance (O&M) plan for the solid waste disposal facilities (Part H, Item 1); due by July 1, 1996.
- Submission of an Abandonment and Restoration (A&R) plan for the old solid waste disposal facilities (Part F, Item 3); due by January 1, 1997.
- Collection of a sewage effluent sample during the annual decant of the sewage lagoon (SNP part B, Item 1).



Philippe Lavallée
Water Resources Officer
INAC, Nunavut District

Post-It™ Fax Note 7671E Date 2/11/2000 From Don Ficker
 To Water Res. Officer Co./Dept. DIAND - WRO
 Phone # 979 4405 Fax # 979 6445
 Phone # 867 927 8832 Fax # 8120

RECEIVED

MAY 05 2000

D.I.A.N. IQALUIT

5/5/2000

1999 Annual Report

for the Municipality of Qikiqtarjuaq (Broughton Island)

The following information is compiled pursuant to the requirements of Part A, item 2, of Water Licence NSL4-0640, issued to the Municipality of Qikiqtarjuaq (Broughton Island)

A), B), The monthly and annual quantity, in cubic metres, of water pumped from the Tulugak River or reservoir and the monthly and annual quantity of waste discharged to the sewage disposal facilities (including quantity of bagged sewage).

> Also fulfils SNP (Part B, Items 1, 2 & 3).

Month being reported	Water pumped from Tulugak River or reservoir (in m ³)	Sewage disposed of at the sewage disposal facility (approximate amt as sewage not metered)	Amount of bagged sewage disposed of at the sewage disposal facility (# of bags)
January	1,276	1,276	4
February	1,228	1,228	4
March	1,436	1,436	10
April	1,362	1,362	10
May	1,249	1,249	8
June	1,488	1,488	4
July	1,395	1,395	6
August	1,395	1,395	0
September	1,387	1,387	0
October	1,455	1,455	0
November	1,563	1,563	15
December	1,390	1,390	0
Annual Total	16,624	16,624	61

Note: 1 m³ equals 1000 litres

C) A detailed record of major maintenance work carried out on the water supply and waste disposal facilities:

Reservoir was refilled with clean water. It was not cleaned due to low water levels.

Solid waste facility was cleaned and covered with gravel.

The sewage lagoon was drained but not cleaned.

A new generator was installed at water pump house.

- D) A description of any restoration or reclamation work carried out at areas where water supply or waste disposal facilities have been abandoned.

The Housing Association's old dump site remains to be cleaned up. Housing Association has applied to NWT Housing Corp for funding however nothing has been confirmed. No clean up has been completed yet.

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

No requests made.

- F) Unauthorised discharges:

None

- G) Updates or revisions to Sewage and Solid Waste Operation and Maintenance Plans:

>For the summer of 2000, the plan is to clean up the silt build up in the sewage lagoon and deposit this waste into the solid waste dump