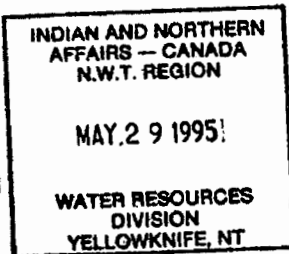




DIAND Nunavut District
Box 100
Iqaluit, NT
XOA OHO

May 23, 1995

Mr. Henry Boychuk
Senior Administrative Officer
Municipality of Broughton Island
Broughton Island, NT
XOA OBO



Your file Votre référence

Our file Notre référence
B9545-5-N4L4-0640

0640
WB

Dear Mr. Boychuk;

Re: 1994 Compliance Report; Municipality of Broughton Island
Water Licence N4L4-0640

1. Enclosed you will find a copy of the 1994 Compliance Report prepared by Paul Smith, District Water Resources Officer, Nunavut District.
2. Compliance Reports are prepared every year and are used to judge how a Licensee has complied with the NWT Waters Act and the Water Licence issued to that municipality or other undertaking.
3. The Inspector has found the Municipality of Broughton Island in compliance with the current licence. However, there is one matter, discussed in paragraph 18, which you will wish to note.
4. In addition, the current water licence expires on December 31, 1995. It is advised that you now consider applying to the NWT Water Board for a renewal of the licence.
5. You are invited, at your convenience, to contact this office to discuss any aspect of this report or matters relating to the renewal of the water licence.

Sincerely,

JMA Theriault
District Manager
Nunavut District

cc. Water Resources, YK (Municipal Coordinator)

Canada

1994 COMPLIANCE REPORT

ON

CONDITIONS OF LICENCE NUMBER N4L4-0640

HELD BY THE HAMLET OF BROUGHTON ISLAND

PREPARED BY

PAUL SMITH

INSPECTOR UNDER THE NORTHWEST TERRITORIES WATERS ACT

DIAND NWT REGION

NUNAVUT DISTRICT

IQALUIT, NT

DATE: MAY 18, 1995

WATER REGISTER: N4L4-0640

INTRODUCTION

1. The Hamlet's licence is valid from October 1, 1985 to December 31, 1995 inclusive.
2. The Licensee is permitted to use 30,000 cubic meters of water per year.

Part A - General Conditions

3. The Annual Report was submitted on February 22, 1995.
4. The Licensee has submitted all information required in the Annual Report as per Part A, Section 2 of their water licence.
5. In terms of major maintenance work carried out on the water supply and waste disposal facilities, the reservoir was drained, and the liner was repaired before refilling with fresh water.
6. Two years ago the Hamlet began work on the restoration of the abandoned waste disposal site immediately north of the community and on the seashore. Waste metal from the old site was being moved overland to the new site, but no indication has been given if this work was resumed this past winter. The Licensee is requested to provide an update of this work as well as a proposed schedule for the completion of this A+R project, as required under the water licence (Part A, Section 4).
7. The warning signs required under Part A, Item 7 of the Hamlet's Licence have been posted.
8. The Hamlet of Broughton Island was to have submitted "as-built" drawings of the sewage lagoon constructed in 1992 and completed in 1993 (Part A, Section 11); however, MACA (Municipal and Community Affairs - GNWT) has yet to provide these drawings to the Hamlet for further submission to the Water Board.

Part B - Conditions Applying to Water Supply

9. The Hamlet reported that a total of 11,991 cubic meters of water was used in 1994. The Hamlet is permitted to use 30,000 cubic meters of water per year. All water was from the Tulugak River or the reservoir which is filled with water from the Tulugak River.

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Part C - Conditions Applying to Sewage Disposal

10. A new sewage lagoon was constructed during the summer of 1992 and completed in 1993. All trucked sewage is now deposited within that receiving structure. Bagged sewage is disposed of at the new waste disposal site. There is a bermed area below the disposal site to retain all runoff from this bagged sewage disposal area.

11. Part C, Item 4 of the Licence states that the Licensee must submit a plan to reduce the discharge of greywater from houses within town. The plan was due on December 3, 1987. Although this plan was never submitted, it is again recommended that the Licensee request an amendment to reflect the changes that have occurred in the community. Within the past several years, there has been a steady move to refit all houses with sewage tanks. The result is an ever decreasing health risk associated with the discharge of greywater as there are few houses remaining that do not utilize tanked sewage facilities.

Part D - Conditions Applying to Solid Waste Disposal Sites
to Prevent Contamination of Receiving Waters

12. Approval to relocate the waste disposal site was granted by the NWT Water Board on September 19, 1989 subject to approval of the of the drainage control plans. This information was to be included with the "as-built" plans for the waste disposal site. However, there were delays in the construction of the facility. To date, no "as-built" plans have been submitted. Relocation and construction of the new waste disposal site occurred in 1992 and completed in 1993. A representative from MACA has indicated that these plans will be completed this summer.

13. The Water Board, in a letter dated May 5, 1994, approved the disposal of waste produced by the tannery to be placed into the lagoon on approval of the Hamlet Council. Sampling guidelines recommended by consultants Karwandy Willmer Wyse were also approved by the Water Board. Analysis was performed on sewage samples collected from the sewage lagoon in August 1994. Additional samples are to be collected this summer. The results of the 1994 analysis indicated that the addition of this waste does not adversely affect the treatment of municipal sewage waste. However, the level of treatment to sewage waste was minimal in all respects.

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Approval Granted

Part E - Conditions Applying to Modifications

14. No modifications were made to the new waste disposal site or water supply facilities in 1994.

15. To date no "as-built" drawings have been submitted in accordance with Part E, Item 3 of the licence for the new waste disposal site. The plans were due within one year of completion of the waste disposal site. The plans were not available two years ago as no engineer was on-site. The Territorial Government Department of Municipal and Community Affairs (MACA) failed to have the plans completed last summer as previously indicated.

Surveillance Network Program

Part B - Flow Measurement and Recording Requirements

16. The Hamlet has met all reporting requirements


Part C - Reports

17. The Hamlet has met this condition.

Conclusion

18. The Hamlet of Broughton Island's compliance with the Northwest Territories Waters Act and Water Licence N4L4-0640 has been acceptable with one exception:

- a. The "as-built" drawings of the new waste disposal site have not been submitted. Although the Hamlet is legally responsible for the submission of this information, the Department of Municipal and Community Affairs has yet to complete this work.



Paul Smith
Water Resources Officer
Nunavut District