



Indian and Northern
Affairs Canada

Affaires indiennes
et du Nord Canada

DIAND NWT Region
Box 100
Iqaluit, NT
XOA OHO

June 21, 1994

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

WB

Dear Mr. Boychuk,

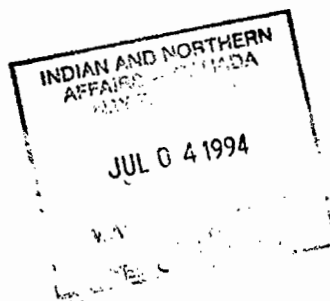
1993 Compliance Report

1. Attached you will find a copy of the 1993 Compliance Report. This report is produced every year and is based on the Licensee's activities and performance under their water licence.
2. You will wish to note paragraph 17 of the report.
3. It is requested that you notify this office when corrective measures are taken.
4. If you have any further questions, please do not hesitate to contact this office.

Sincerely,

JMA Theriault
District Manager
Nunavut District

- cc. - Water Board
- Water Resources (B. Collins)
- MACA (R. Armstrong)



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1993 COMPLIANCE REPORT

ON THE

HAMLET OF BROUGHTON ISLAND

BY

PAUL SMITH

INSPECTOR UNDER THE NORTHWEST TERRITORIES WATERS ACT

INDIAN AND NORTHERN AFFAIRS

IQALUIT, NT

DATE: 15 JUNE, 1994

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 14, 1994. The report was incomplete and additional information was requested from the Licensee. The Licensee provided the required information in a letter dated March 8, 1994. The report was due March 1, 1994.
4. The Licensee has not complied with all sections of the "Surveillance Network Program" (SNP) in accordance with Part A, Item 5 of the Water Licence. In particular, the monthly quantity of water taken from SNP station 0640-01, the monthly number of truckloads of sewage disposed of and the monthly quantity of honeybags disposed of were not reported. However, the Licensee has reported the amount of water taken from the Tulugak River and Reservoir (12,098m³) and the amount of sewage taken to the sewage lagoon (also 12,098m³).
5. In terms of major maintenance work carried out on the water supply and waste disposal facilities, the Hamlet raised one low corner of the sewage lagoon berm. The Inspector does not consider this to be a modification.
6. The Hamlet began work on the restoration of the abandoned waste disposal site. Waste metal from the old site was moved overland to the new site. Work will continue this year.
7. Warning signs at the new waste disposal site had not yet been placed during the 1993 inspection. The Inspector requested that warning signs be placed at the dump, sewage disposal and outfall areas once construction was completed and that the Licensee inform the inspector when the signs had been placed. These signs are required under Part A, Item 7 of the Hamlet's Licence.

Part B - Conditions Applying to Water Supply

8. The Hamlet reported that a total of 12,098 cubic meters of water was used in 1993. The Hamlet is permitted to use 30,000 cubic meters of water per year.

Part C - Conditions Applying to Sewage Disposal

9. A new sewage lagoon was constructed during the summer of 1992. 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.

10. 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 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.

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

11. Approval to relocate the waste disposal site was granted by the NWT Water Board on September 19, 1989 on the condition that approval be made to the drainage control plans. This information was to be included with the "as-built" plans for the waste disposal site. To date, no "as-built" plans have been submitted. Relocation and construction of the new waste disposal site occurred in 1992.

12. 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 if approval was given by the Hamlet Council. Sampling guidelines recommended by consultants Karwandy Willmer Wyse were also approved by the Water Board.

Part E - Conditions Applying to Modifications

13. No modifications were made to the new waste disposal site or water supply facilities in 1993.

14. 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 last year as no engineer was on-site. The Territorial Government Department of Municipal and Community Affairs (MACA) that is attempting to have the "as-built" drawings completed. A

representative from MACA said that they will once again try to have the drawings completed this summer.

Surveillance Network Program

Part B - Flow Measurement and Recording Requirements

15. The Hamlet has not met the conditions. See paragraph 4.

Part C - Reports

16. The Hamlet has not met the conditions because the conditions of the SNP, Part B (above) were not met.

Conclusion

17. The Hamlet of Broughton Island's compliance with the Northwest Territories Waters Act and Water Licence N4L4-0640 has been unacceptable in three (3) areas. These are:

- a. The Surveillance Network Program requirements have not been met.
- b. 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.
- c. Warning signs had not yet been placed at the solid and sewage waste disposal site.



Paul Smith
Water Resources Officer
Nunavut District