



Indian and Northern Affairs Affaires indiennes
et du Nord et du Nord

Northern Affairs Program
P.O. Box 100
Igloolik, N.W.T.
XOA OHO

May 28, 1990

Mr. Jim Huebner
Senior Administrative Officer
Hamlet of Broughton Island
Broughton Island, N.W.T.
XOA OBO

Your file Votre référence

Our file Notre référence N4L4-0640

Dear Mr. Huebner;

Northern Inland Waters Act
Water Licence N4L4-0640 - 1989 Compliance Report
Hamlet of Broughton Island, N.W.T.

Please find the above noted report prepared by D. Jessiman.
The Licence review is a working document for our department
but we would welcome any comments you might have on it's
contents.

If you have any questions or comments on the Compliance
Report, please feel free and call Mr. David Jessiman, Water
Resources officer at (819) 979-4405.

Sincerely

J.M.A. Theriault
District Manager
Baffin District

cc. Water Resources, YK
GNWT - MACA - M. Ferris

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1989 COMPLIANCE REPORT
ON THE
HAMLET OF BROUGHTON ISLAND
BY
DAVID JUSSIMAN
INSPECTOR UNDER THE NORTHERN INLAND WATERS ACT
NORTHERN AFFAIRS PROGRAM
INDIAN AND NORTHERN AFFAIRS CANADA
IQALUIT, N.W.T.

Date: May 28, 1990
Water Register: N454-0640

INTRODUCTION

The Hamlet of Broughton Island is located on Broughton Island just off the easterly coast of Baffin Island at 67° 33' North latitude and 64° 02' longitude.

On March 27, 1985, the NWT Water Board held a Public Hearing on an application by the Hamlet of Broughton Island to use water and dispose of waste at Broughton Island, N.W.T. The Municipal Water Licence was issued to the Hamlet on December 3, 1985 by the Water Board.

The Hamlet's licence is effective from October 1, 1985 to December 31, 1995 inclusive. The licensee is permitted to use 30 000 cubic metres of water per year from the Tulugak River and the reservoir.

Part A - General Conditions

The Annual Report was received on March 8, 1990. The report was due on March 1, 1990.

From September to November, the Hamlet sorted out the waste metal and the empty drums at the waste metal site. The Hamlet is proposing to continue cleaning up and restoring the waste metal site during 1990. A drum crushing program is proposed during the summer of 1990.

A trench was constructed between the sewage disposal area and the ocean.

The water reservoir, raw water supply at the Tulugak River and the waste disposal areas were not posted.

Part B - Conditions Applying to Water Supply

The Hamlet used 8 292 cubic metres of freshwater from the Tulugak River and the Reservoir for municipal purposes during 1989. The licence limit is 30 000 cubic metres per year.

Part C - Conditions Applying to Sewage Disposal

The Hamlet has not submitted to the Board for approval a proposal for the upgrading of the facilities for the disposal of bagged and pumpout sewage in accordance to Part C, Item 2. The proposal was due on December 1, 1987.

The Hamlet has not submitted to the Board a report on plans for reducing the public health hazard from the disposal of greywater adjacent to buildings in accordance to Part C, Item 4. The report was due on December 3, 1987.

During the August 1989 inspection, twenty-four houses continue to discharge greywater adjacent to the buildings. The inspector was advised that the use of sewage bags and greywater discharges will be phased out in five years.

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

The Hamlet submitted a proposal to the Water Board to relocate the existing solid waste dump site. The proposal was received on September 1, and was approved on September 19, 1989. To date the Hamlet has not relocated the dumpsite.

Part E - Conditions Applying to Modifications

The Board has not received notification to date to modify the Water Supply and Waste Disposal facilities.

SURVEILLANCE NETWORK PROGRAM

Part B - Flow Measurement and Recording Requirements

The Hamlet has met the conditions.

Part C - Reports

The Hamlet has met the conditions.

CONCLUSION

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

1. The Hamlet has not submitted a proposal to upgrade the sewage disposal system.
2. The Hamlet has not submitted a report on plans for reducing the public health hazard from the disposal of grey water adjacent to buildings.
3. Warning signs have not been posted at the water reservoir, Tulugak River truck-fill site, and the waste disposal areas.



David S. Jessiman

Inspector Under the
Northern Inland Waters Act