

HAMLET OF AKLAVIK
WATER LICENCE N3L3-0570
1999 COMPLIANCE REPORT

Prepared by

Scott Gallupe
Water Resources Officer
Inspector under the Northwest Territories Waters Act
Operations Directorate
Indian and Northern Affairs Canada
North Mackenzie District

April 3, 2000

**HAMLET OF AKLAVIK
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INTRODUCTION

The Hamlet of Aklavik's "Type B" Water Licence N3L3-0570 became effective June 30, 1999 and expires June 30, 2009. This Licence is a renewal for the Hamlet with the exception of water use which was to be separately Licenced by the Gwichin Land and Water Board (GLWB). Water Licence N3L3-0570 allows for municipal waste disposal at the Hamlet of Aklavik, Northwest Territories.

This report will review Aklavik's compliance with their Water Licence N3L3-0570 for the 1999 calendar year.

This report purposely emphasizes the non-compliance concerns so as to identify problem areas. Reference should be made to the actual Water Licence N3L3-0570 for the complete wording of all its terms and conditions.

INSPECTION(S)

An inspection of Aklavik's waste disposal facilities was conducted by Scott Gallupe, Water Resources Officer (Inspector), Inuvik, on October 18, 1999.

The Licensee representatives for the inspection were Richard Ross, Hamlet Foreman and Nellie Gruben, Senior Administrative Officer, Hamlet of Aklavik.

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PART A: **GENERAL CONDITIONS**

1. a) **Scope:** This Licence allows for municipal waste disposal at the Hamlet of Aklavik, Northwest Territories. This Licence is issued subject to the conditions contained herein with respect to the depositing of waste of any type in any waters or in any place under any conditions where such waste or any other waste that results from the deposit of such waste may enter any waters.

No violations were noted under this section of Water Licence N3L3-0570 for the 1999 calendar year.

3. States: "The Licensee shall file a report not later than **March 1st** of the year following the calendar year to be reported which shall contain the following information:
- a) a detailed record of maintenance work carried out on the water supply

and the waste disposal systems and all associated structures;

- b) tabular summaries of all data generated under the Surveillance Network Program;
- c) a description of any restoration or reclamation carried out at areas where waste disposal facilities have been abandoned;
- d) the monthly and annual quantity of waste discharged to the Clearing Lake Sewage Lagoon in accordance with the Surveillance Network Program (SNP); and;
- e) any other details on waste disposal requested by the Board by November 1st of the year being reported."

Violation: The Hamlet's 1998 Annual Report was incomplete. The report did not contain the required SNP data.

Violation: The Hamlet has not submitted their Water Licence 1999 Annual Report.

4. States: "The Licensee shall comply with the Surveillance Network Program annexed to this Licence."

Violation: The Hamlet of Aklavik did not fully comply with this requirement for the this review period.

Comment: Specific violations pertaining to the Surveillance Network Program are detailed later within this report.

9. States: "The Licensee shall, within sixty (60) days of the issuance of this Licence, post signs in the area of the waste disposal facilities to advise the public that these areas are being used for the disposal of municipal wastes. All postings shall be located and maintained to the satisfaction of the Inspector."

Violation: SNP station 570-3 was not posted to the satisfaction of the Inspector.

PART B: CONDITIONS APPLYING TO WASTE DISPOSAL

8. States: "The Licensee shall, within six (6) months of the issuance of this Licence, submit to the Board an Operating and Maintenance Plan for Sewage and Solid Waste Disposal."

Violation: The Licensee has not submitted this Plan. This Plan was due December 30, 1999.

No other violations were noted under this section of Water Licence N3L3-0570 for the 1999 calendar year.

PART C: CONDITIONS APPLYING TO MODIFICATIONS

No violations were noted under this section of Water Licence N3L3-0570 for the 1999 calendar year.

SURVEILLANCE NETWORK PROGRAM (SNP)

A. Location of Surveillance Stations

Description and location of the SNP stations.

B. Sampling and Analysis Requirements

1. States: "The effluent at Station 570-3 shall be sampled once immediately after break-up of the Clearing Lake Sewage, and once prior to freeze-up."

Violation: The Licensee did not sample SNP station 570-3 immediately after break-up in 1999.

Comment: It is not apparent if the Licensee sampled once prior to freeze-up due to no 1999 Annual Report being received to date.

2. States: "The samples in Part B, Items 1 and 2 shall be analysed for the following:

BOD Suspended Solids pH Faecal Coliforms

Comment: It is not apparent if the Licensee sampled for the above noted parameters in 1999 due to the fact that no 1999 Annual Report has been received to date.

C. Flow Measurement and Recording Requirements

Comment: It is not apparent if the Licensee has fully complied with this Licence requirement for the 1999 calendar because their 1999 Annual Report has not been received to date.

D. Reports

1. States: "The Licensee shall submit all of the information generated by Part B and Part C of the Surveillance Network Program annually as specified in Part A, Item 3 of the Licence".

Violation: The Licensee did not submit all of the required information generated by Part B and Part C of the Surveillance Network Program, with their 1998 Annual Report.

OTHER CONCERNS

1. There is a concern in Aklavik of waste migrating from their waste disposal facilities during high water levels (spring break-up). The whole community of Aklavik is constructed in a "floodway" prone to flooding every year.

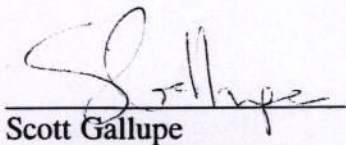
No other concerns were noted regarding the Hamlet's compliance with their Water Licence N3L3-0570 for the 1999 calendar year.

SUMMARY

This report has identified **seven (7)** Water Licence N3L3-0570 violations the Hamlet of Aklavik incurred during 1999. The Hamlet of Aklavik's compliance with their Water Licence N3L3-0570 for 1999 has **not been satisfactory**. The majority of these violations are concerning administrative responsibilities, ie. reporting, and sampling SNP station 570-3.

There were no effluent quality violations noted during this review period.

This concludes the Hamlet of Aklavik's Water Licence N3L3-0570 1999 Compliance Report.



Scott Gallupe
Water Resources Officer
North Mackenzie District